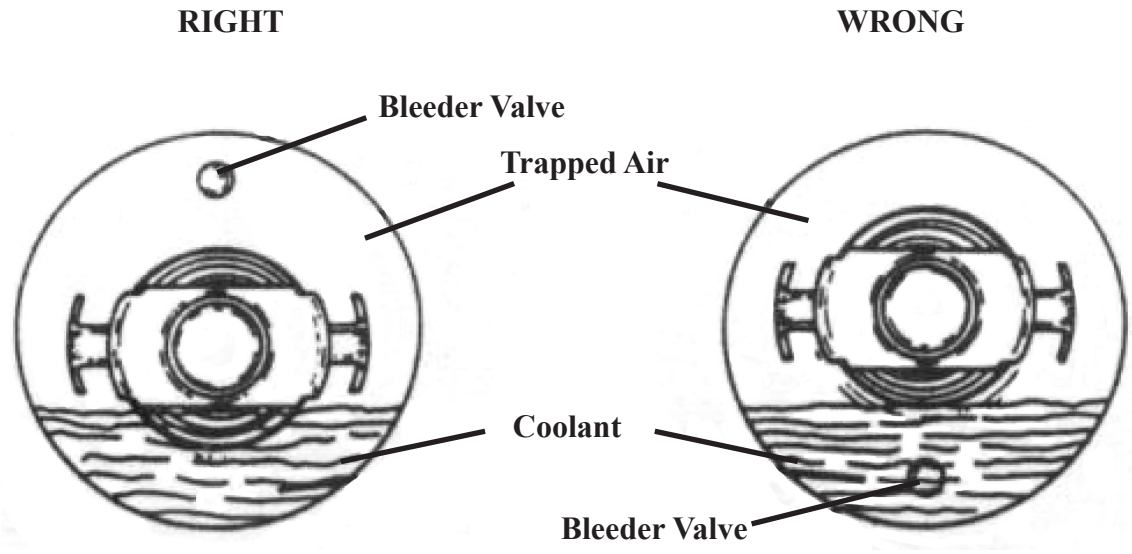
Table of Contents

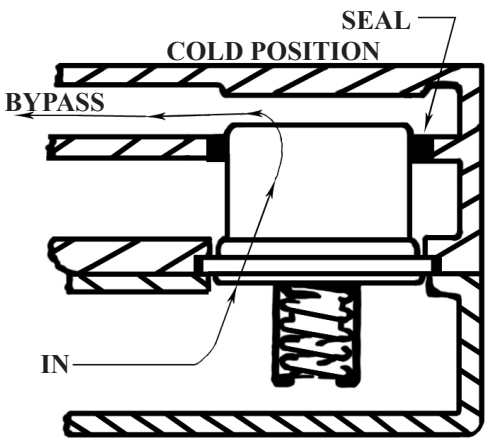
Installation Instructions (English).....2-3
Logical Part Number System (Spanish) 4
Installation Instructions (Spanish) 5-6
HighFlow Thermostats 7
Radiator Cap Applications 8-52
Fuel Cap Applications.....53-72
Thermostat Applications 73-269
Oil Cap Applications 270-281
Heavy Duty Fuel Caps By Size 282
Heavy Duty Oil Plugs By Size 283
By OE No. 284
Buyer's Guide.....285-305
Tester and Adapters 306-309

Thermostats With Bleeder Jiggle Valves



Some thermostats have a bleeder valve located in the flange to prevent "air lock" in the cooling system. These thermostats should be positioned so the bleeder valve is located on the high side of the housing. This will allow trapped air to pass through the valve, preventing "air lock".

Proper Installation
Heavy Duty Thermostats Requiring Metal Clad Seals



For the best results you should drain and flush the cooling system before installing a new thermostat.

Remove the housing or casting covering the thermostat and remove the old thermostat and seal.

Install the new seal and make sure it is exactly parallel to the housing.

The housing counterbore where the thermostat flange fits must be cleaned and free of any obstruction that would prevent full seating of the flange.

Install thermostat per drawing. Thermostat must align with the seal.

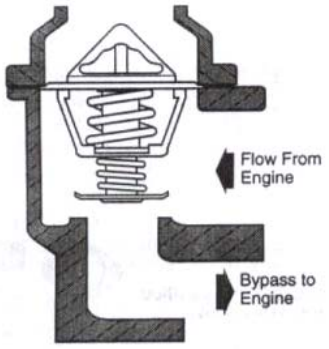
Replace housing and casting covering the thermostat.

Refill cooling system while motor is running. When motor reaches normal operating temperature, again check coolant level. Inspect all connections for leaks.

Reverse Poppet (Bypass) Thermostats

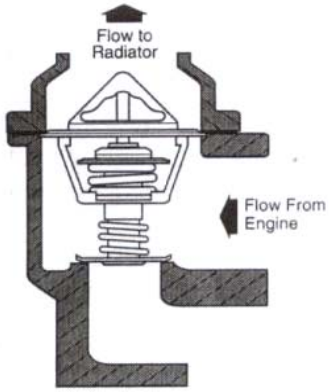
The Right Part for the Right Application

More and more new cars are equipped with smaller engines which require the reverse poppet (bypass) thermostats. The use of a regular on these engines may cause the engine to operate at lower or higher than specified temperatures and thereby impair the efficient operation of the engine and the cooling system. It is therefore very important to ascertain the type of thermostat required for a particular engine and to select the right part of a given application.



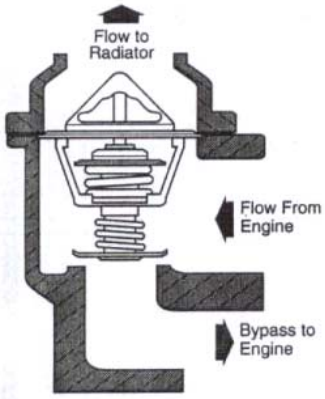
1 CORRECT

This illustration demonstrates installation of correct thermostat with bottom closing bypass. When cool engine is started coolant flow is through bypass port. Main valve is on seat and prevents flow through radiator until engine warms to thermostat opening temperature.



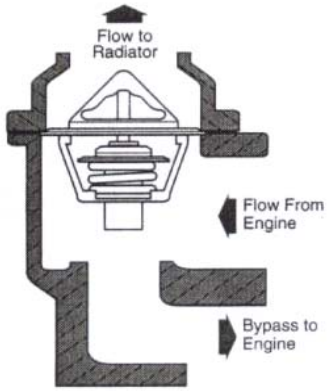
4 CORRECT

Correct bypass thermostat installed in bypass port housing allows coolant flow through radiator. Bypass poppet thermostat completely closes bypass port when engine reaches operating temperature. Main valve is moved off seat permitting coolant through radiator.



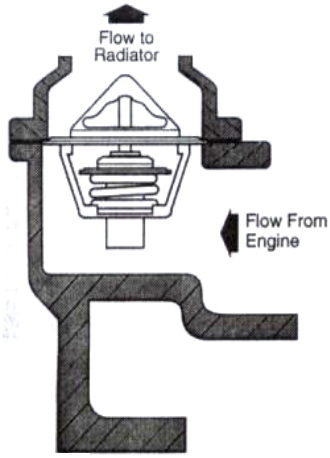
2 INCORRECT

Incorrect thermostat causes coolant flow to divide between main and bypass ports. Although thermostat fits satisfactorily into housing, when engine reaches operating temperature main valve opens but bypass poppet cannot close bypass port. This creates inadequate flow for engine cooling.



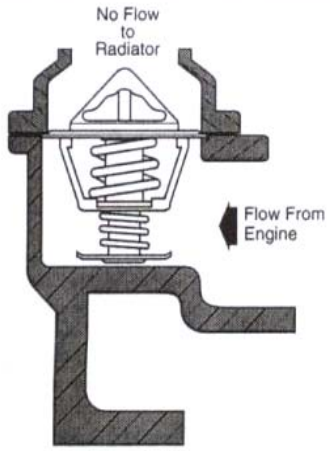
5 INCORRECT

Incorrect installation of regular thermostat in a bypass housing causes less flow through bypass port to engine. See illustration number 2.



3 CORRECT

All coolant flow passes through open main valve to radiator when engine reaches operating temperature. This happens when housing has no bypass port.



6 INCORRECT

Installation of bypass thermostat in a non-bypass port housing may cause thermostat destruction as engine temperature increases, since bypass poppet thermostat hits the housing floor before thermostat is open completely.

La Lógica de los Números de Parte

Los números de parte de MotoRad consisten de un nuevo metodo lógico de identificación. El primer dígito identifica el tipo de producto. Los siguientes tres dígitos y los dos adicionales despues del guión especifican las caracteristicas de la parte.

Serie 1
Tapón del Radiador

1 _ _ _ – _ _

- **Liberación de presión (Libras)**
- **Tapón estandar (series 001-499)**
- **Tapón de Seguridad (series 500-999)**

Serie 2
Tapón de Gasolina

2 _ _ _ – _ _

- **Válvula de Liberación de Vacio (0=No/1=Si)**
- **Válvula de Liberación de Presión. (0=No/1=Si)**
- **Tapón estandar (series 001-499)**
- **Tapón de Seguridad (series 500-999)**

Serie 3
Empaques y Sellos

3 _ _ _ – _ _

- **Empaque de Papel**
- **Sello de Hule**

Serie 4
Termostatos Estandar

4 _ _ _ – _ _

- **Temperatura (los dos últimos dos dígitos en grados Farenheit desde 160 hasta 221)**
- **La serie coincide con el número de parte estandar**

Serie 5
Termostatos de Alto Flujo

5 _ _ _ – _ _

- **Temperatura (los dos últimos dos dígitos en grados Farenheit desde 160 hasta 221)**
- **La serie coincide con el número de parte estandar**

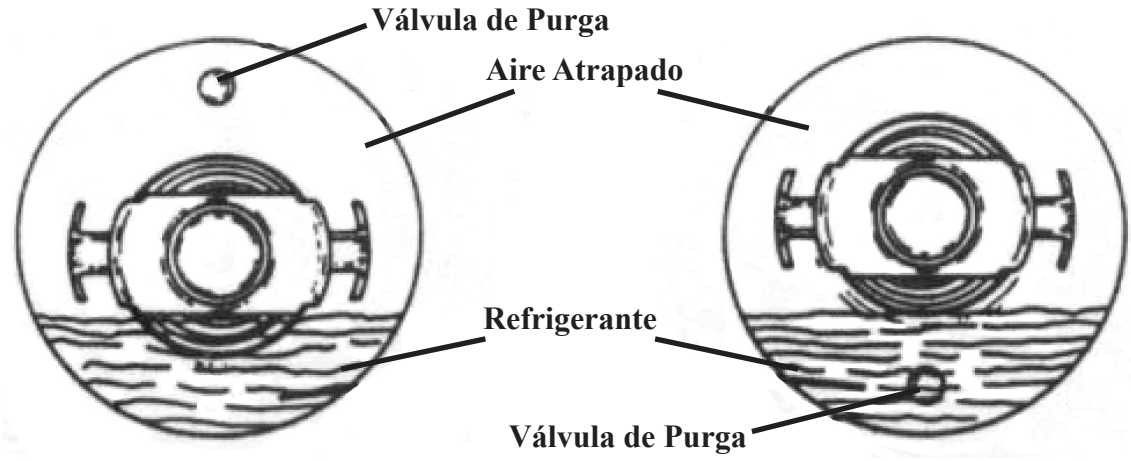
Serie 6
Tapones de Aire

6 _ _ _ – _ _

- **Tapón con Respiradera**
- **Tapón Sellado**

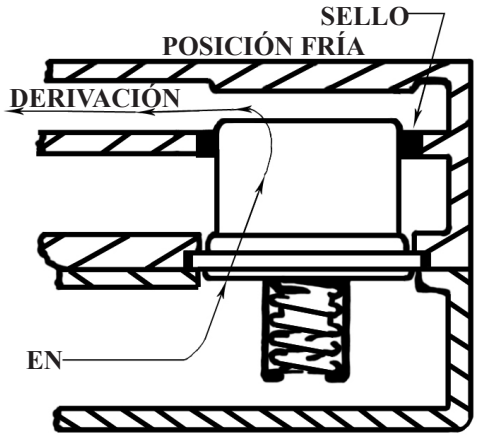
Termostatos con Válvulas Vibrantes de Purga

CORRECTO **INCORRECTO**



Algunos termostatos tienen la válvula de purga localizada en la pestaña para prevenir "burbujas de aire" en el sistema de enfriamiento. Estos termostatos deberan ser colocados de manera que la válvula de purga quede localizada en el lado mas alto del cuerpo del termostato. Esto permitirá liberar el aire atrapado al pasar a traves de la válvula previniendo la formación de "burbujas de aire".

INSTALACIÓN CORRECTA
TERMOSTATOS PARA TRABAJO PESADO QUE REQUIEREN DE SELLOS METÁLICOS



Para mejores resultados deberá vaciar y purgar el sistema de enfriamiento antes de instalar el termostato Nuevo.

Quite el cuerpo o cubierta que cubre el termostato, retire el termostato viejo y el sello.

Instale el sello nuevo y asegurese que este exactamente paralelo al cuerpo del termostato.

El chaflan del cuerpo del termostato donde ensambla con la pestaña deberá haber sido limpiado cuidadosamente y deberá estar libre de cualquier obstrucción que pudiera prevenir el sellado completo de la pestaña.

Instale el termostato de acuerdo al diagrama. El termostato debe alinearse con el sello.

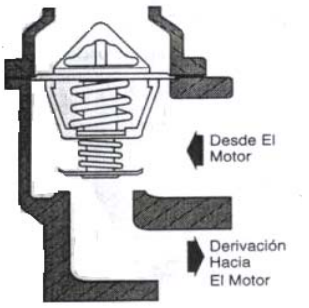
Reemplace el cuerpo y la cubierta del termostato.

Rellene el sistema de enfriamiento mientras el motor este encendido. Cuando el motor alcance la temperatura normal de operación, nuevamente revise el nivel de refrigerante. Inspeccione todas las conexiones para detectar fugas.

Termostatos de Cabezal (Derivación) Inverso

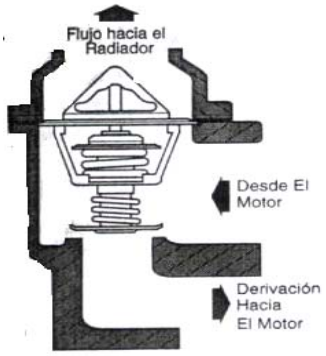
La Parte Correcta para la Aplicación Correcta

Más y más automóviles nuevos vienen equipados con motores mas pequeños que requieren termostatos de cabezal derivación) inverso. El uso de un termostato común en estos motores puede hacer que el motor funcione a temperaturas más altas o mas bajas de las que se han especificado y por lo tanto perjudiquen el funcionamiento eficaz del motor y del sistema de refrigeración. Por lo tanto, es muy importante que se verifique el tipo de termostato que se necesita para un motor en particular y que se seleccione la correcta para una aplicación determinada.



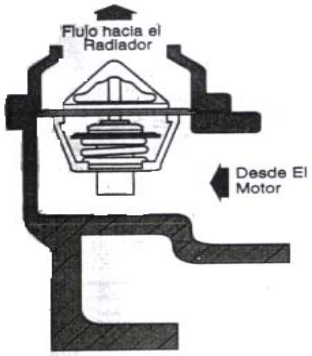
1 CORRECTO

Este dibujo demuestra la instalación de un termostato correcto con una derivación que se cierre en su parte inferior. Cuando el motor frío se pone en marcha, el flujo del líquido refrigerante pasa a través del conducto de derivación. La válvula principal está en el asiento y evita la circulación a través del radiador hasta que la temperatura del motor alcanza la temperatura de apertura del termostato.



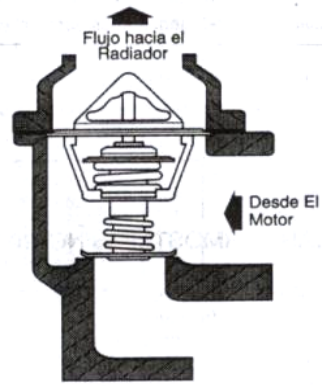
2 INCORRECTO

Un termostato incorrecto hace que el flujo del líquido regfrigerante se divida entre los conductos principales y de derivación. A pesar de que el termostato se ajusta en forma adecuada dentro del montante, cuando la temperatura del motor llega al nivel de funcionamiento, la válvula principal se abre, pero el cabezal de derivación no puede cerrar el conducto de derivación . Esto ocasiona un flujo inadecuado para el enfriamiento del motor.



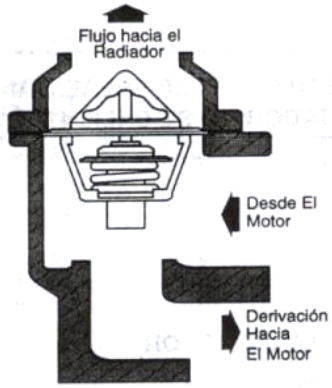
3 CORRECTO

Todo el líquido refrigerante pasa a través de la válvula principal abierta hacia el radiador, cuando la temperatura del motor llega al nivel de funcionamiento. Esto sucede cuando el montante no tiene un conducto de derivación.



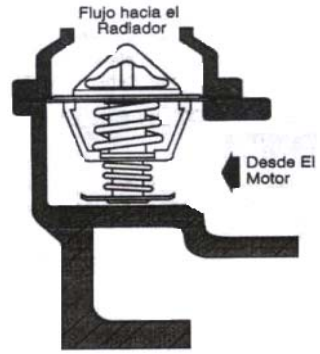
4 CORRECTO

Un termostato de derivación correcto instalado en el montante del conducto de derivación permite que el líquido refrigerante circule a través del radiador. El termostato de cabezal de derivación cierra completamente el conducto de derivación cuando la temperatura del motor llega al nivel de funcionamiento. La válvula principal se mueve fuera del asiento para permitir que el líquido refrigerante circule a través del radiador.



5 INCORRECTO

La instalación incorrecta de un termostato común en un montante de derivación ocasiona menos flujo a través del conducto de derivación, hacia el motor. Consulte el dibujo número 2.



6 INCORRECTO

La instalación de un termostato de derivación en un montante de conducto que no es de derivación, puede ocasionar la destrución del termostato cuando la temperatura del motor aumenta, ya que el termostato de cabezal de derivación toca el fondo antes de que el termostato se abra completamente.

HIGH-FLOW THERMOSTATS

The full opening of the High-Flow Thermostat allows a greater flow of coolant.

At 15 psi, standard thermostats flow 37 gallons/minute

HIGH-FLOW Not Less Than 56 Gallons per Minute

Benefits of a 50+% Increase in Coolant Flow



- Stabilizes the pressure in the cooling system
- Reduces the delay in engine warm-up
- Allows trapped air in the cooling system to escape

Radiator Cap Applications

Application	Standard	Safety
AGCO		
Tractors		
8360		
Cummins N14 Diesel		
1999		
	1001-13	1501-13
8425		
Cummins N14 Diesel		
2000		
	1001-13	1501-13
1997		
	1001-13	1501-13
8745		
AGCO 4-Cyl. 269 Diesel		
1999-1998		
	1001-09	1501-09
Cummins 4-Cyl. 3.9 L Diesel		
2000		
	1001-09	1501-09
8775		
Cummins 6-Cyl. 5.9 L Diesel		
2000		
	1001-09	1501-09
8785		
AGCO 6-Cyl. 402 Diesel		
1998		
	1001-09	1501-09
Cummins 6-Cyl. 5.9 L Diesel		
2000		
	1001-09	1501-09
9455		
Detroit Diesel 6-Cyl. 466 Diesel		
1997-1996		
	1006-15	1506-15
9635		
Detroit Diesel 6-Cyl. 466 Diesel		
1997-1996		
	1006-15	1506-15
9655		
Detroit Diesel 6-Cyl. 466 Diesel		
1997-1996		
	1006-15	1506-15
9695		
Detroit Diesel Series 40 Diesel		
1997-1996		
	1006-15	1506-15
9755		
International/Navistar 530 Diesel		
1999		
	1006-15	1506-15
9765		
International/Navistar 530 Diesel		
1999		
	1006-15	1506-15
LT70		
Cummins 4-Cyl. 3.9 L Diesel		
2002		
	1001-09	1501-09
LT85		
Cummins 4-Cyl. 3.9 L Diesel		
2002		
	1001-09	1501-09
RT115		
Cummins 6-Cyl. 5.9 L Diesel		
2002		
	1001-09	1501-09
RT95		
Cummins 6-Cyl. 5.9 L Diesel		
2002		
	1001-09	1501-09

Application	Standard	Safety
AGCO (Continued)		
Tractors (Continued)		
ST25		
Iseki 3-Cyl. 68 Diesel		
2001		
	1007-16	1507-16
Allis-Chalmers		
Tractors		
4W 220		
Allis-Chalmers 6-Cyl. 426 Diesel		
1983-1982		
	1001-07	1501-07
4W 305		
Allis-Chalmers 6-Cyl. 731 Diesel		
1985		
	1001-07	1501-07
1983-1982		
	1001-07	1501-07
5020		
Toyosha 2-Cyl. 77 Diesel		
1984-1981		
	1001-13	1501-13
5030		
Toyosha 2-Cyl. 90 Diesel		
1984		
	1001-13	1501-13
1982-1981		
	1001-13	1501-13
6060		
Allis-Chalmers 4-Cyl. 200 Diesel		
1983-1981		
	1001-07	1501-07
6070		
Allis-Chalmers 4-Cyl. 200 Diesel		
1985-1984		
	1001-07	1501-07
6080		
Allis-Chalmers 4-Cyl. 200 Diesel		
1985		
	1001-07	1501-07
1983-1981		
	1001-07	1501-07
6140		
Toyosha 3-Cyl. 142 Diesel		
1984-1982		
	1001-13	1501-13
7010		
Allis-Chalmers 6-Cyl. 301 Diesel		
1981-1980		
	1002-07	
7020		
Allis-Chalmers 6-Cyl. 301 Diesel		
1981-1980		
	1002-07	
7045		
Allis-Chalmers 6-Cyl. 426 Diesel		
1981-1980		
	1002-07	
7060		
Allis-Chalmers 6-Cyl. 426 Diesel		
1981-1980		
	1002-07	
7080		
Allis-Chalmers 6-Cyl. 426 Diesel		
1981-1980		
	1002-07	
7580		
Allis-Chalmers 6-Cyl. 426 Diesel		
1981-1980		
	1002-07	

Radiator Cap Applications

Application	Standard	Safety
Allis-Chalmers (Continued)		
Tractors (Continued)		
8010		
Allis-Chalmers 6-Cyl. 301 Diesel		
1985		
	1001-07	1501-07
1983-1982		
	1001-07	1501-07
8030		
Allis-Chalmers 6-Cyl. 426 Diesel		
1985		
	1001-07	1501-07
1983-1982		
	1001-07	1501-07
8050		
Allis-Chalmers 6-Cyl. 426 Diesel		
1985-1982		
	1001-07	1501-07
8070		
Allis-Chalmers 6-Cyl. 426 Diesel		
1985-1982		
	1001-07	1501-07
8550		
Allis-Chalmers 6-Cyl. 731 Diesel		
1981-1980		
	1002-07	
Belarus		
Tractors		
1025		
Belarus 4-Cyl. 290 Diesel		
1997-1996		
	1006-07	1506-07
530		
Belarus 4-Cyl. 289 Diesel		
1997-1996		
	1006-07	1506-07
8021		
Belarus 4-Cyl. 290 Diesel		
1998		
	1001-07	1501-07
825		
Belarus 4-Cyl. 290 Diesel		
1997-1996		
	1006-07	1506-07
8345		
Belarus 4-Cyl. 290 Diesel		
1998-1996		
	1001-07	1501-07
925		
Belarus 4-Cyl. 290 Diesel		
1997-1996		
	1006-07	1506-07
9311		
Belarus 4-Cyl. 290 Diesel		
1998		
	1001-07	1501-07
Branson Tractors		
Tractors		
3510i		
Kukje 3-Cyl. 105 Diesel		
2007		
	1007-13	1507-13
3820i		
Kukje 4-Cyl. 127 Diesel		
2007		
	1007-13	1507-13
4220i		
Kukje 4-Cyl. 127 Diesel		
2007		
	1007-13	1507-13

Application	Standard	Safety
Branson Tractors (Continued)		
Tractors (Continued)		
6530		
Kukje 4-Cyl. 199 Diesel		
2007		
	1001-13	1501-13
Case		
Tractors		
1190		
Case 3-Cyl. 164 Diesel		
1980		
	1001-09	1501-09
1194		
Case 3-Cyl. 164 Diesel		
1983		
	1001-09	1501-09
1294		
Case 4-Cyl. 219 Diesel		
1983		
	1001-09	1501-09
1394		
Case 4-Cyl. 219 Diesel		
1983		
	1001-09	1501-09
1494		
Case 4-Cyl. 219 Diesel		
1983		
	1001-09	1501-09
1594		
Case 6-Cyl. 329 Diesel		
1983		
	1001-09	1501-09
2090		
Case 6-Cyl. 504 Diesel		
1982		
	1001-09	1501-09
1980		
	1006-10	1506-10
2094		
Case 6-Cyl. 504 Diesel		
1983		
	1001-09	1501-09
2290		
Case 6-Cyl. 504 Diesel		
1982		
	1001-09	1501-09
1980		
	1006-10	1506-10
2294		
Case 6-Cyl. 504 Diesel		
1985-1984		
	1006-10	1506-10
1983		
	1001-09	1501-09
2390		
Case 6-Cyl. 504 Diesel		
1982-1981		
	1006-10	1506-10
2394		
Case 6-Cyl. 504 Diesel		
1985-1984		
	1006-10	1506-10
1983		
	1001-09	1501-09
2590		
Case 6-Cyl. 504 Diesel		
1982-1981		
	1006-10	1506-10

Radiator Cap Applications

Application	Standard	Safety
Case (Continued)		
Tractors (Continued)		
2594		
Case 6-Cyl. 504 Diesel		
1985-1984		
	1006-10	1506-10
1983		
	1001-09	1501-09
3294		
Case 6-Cyl. 504 Diesel		
1983		
	1001-09	1501-09
4490		
Case 6-Cyl. 504 Diesel		
1983		
	1001-09	1501-09
1982-1981		
	1006-10	1506-10
4494		
Case 6-Cyl. 504 Diesel		
1985-1984		
	1006-10	1506-10
4690		
Case 6-Cyl. 504 Diesel		
1983		
	1001-09	1501-09
1982-1981		
	1006-10	1506-10
4694		
Case 6-Cyl. 504 Diesel		
1985-1984		
	1006-10	1506-10
4890		
Scania 6-Cyl. 673 Diesel		
1983		
	1001-09	1501-09
1982		
	1001-13	1501-13
1981-1980		
	1006-10	1506-10
4894		
Scania 6-Cyl. 673 Diesel		
1987		
	1006-10	1506-10
1985-1984		
	1006-10	1506-10
4994		
Scania V-8 866 Diesel		
1985-1984		
	1006-10	1506-10
Case IH		
Combines		
1640		
Case 6-Cyl. 436 Diesel		
1992		
	1001-16	1501-16
1991-1987		
	1001-07	1501-07
1660		
Case 6-Cyl. 505 Diesel		
1987		
	1001-07	1501-07
1666		
Case 6-Cyl. 505 Diesel		
1994		
	1001-16	1501-16
1993		
	1001-13	1501-13
1680		
Case 6-Cyl. 505 Diesel		
1992-1986		
	1001-16	1501-16

Application	Standard	Safety
Case IH (Continued)		
Combines (Continued)		
2144		
Case 6-Cyl. 436 Diesel		
1996		
	1001-16	1501-16
2166		
Case 6-Cyl. 505 Diesel		
1995		
	1001-16	1501-16
2188		
Case 6-Cyl. 505 Diesel		
1996		
	1001-16	1501-16
2388		
Case 6-Cyl. 8.3 L Diesel		
2002		
	1001-09	1501-09
Tractors		
1120		
Mitsubishi 3-Cyl. 65 Diesel		
1991		
	1001-13	1501-13
1130		
Mitsubishi 3-Cyl. 75 Diesel		
1991		
	1001-13	1501-13
1394		
Case 4-Cyl. 219 Diesel		
1986		
	1001-09	1501-09
1494		
Case 4-Cyl. 219 Diesel		
1986		
	1001-09	1501-09
1594		
Case 6-Cyl. 329 Diesel		
1986		
	1001-09	1501-09
1896		
Case 6-Cyl. 359 Diesel		
1989		
	1001-16	1501-16
1987-1986		
	1001-16	1501-16
2096		
Case 6-Cyl. 359 Diesel		
1987		
	1001-16	1501-16
234		
Mitsubishi 3-Cyl. 52 Diesel		
1986-1985		
	1001-13	1501-13
235		
Mitsubishi 3-Cyl. 52 Diesel		
1990		
	1001-13	1501-13
1986		
	1001-13	1501-13
244		
Mitsubishi 3-Cyl. 60 Diesel		
1985		
	1001-13	1501-13
254		
Mitsubishi 3-Cyl. 65 Diesel		
1985		
	1001-13	1501-13
255		
Mitsubishi 3-Cyl. 65 Diesel		
1990		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Case IH (Continued)		
Tractors (Continued)		
265		
Mitsubishi 3-Cyl. 79 Diesel		
1987		
	1001-13	1501-13
275		
Mitsubishi 3-Cyl. 91 Diesel		
1990		
	1001-13	1501-13
1987		
	1001-13	1501-13
3220		
Case 3-Cyl. 179 Diesel		
1996		
	1001-09	1501-09
3230		
Case 4-Cyl. 206 Diesel		
1996		
	1001-09	1501-09
3594		
Case 6-Cyl. 504 Diesel		
1986-1985		
	1006-10	1506-10
385		
Case IH 3-Cyl. 155 Diesel		
1987		
	1001-09	1501-09
1985		
	1001-09	1501-09
4210		
Case 4-Cyl. 239 Diesel		
1996		
	1001-09	1501-09
4230		
Case 4-Cyl. 268 Diesel		
1996		
	1001-09	1501-09
4240		
Case 4-Cyl. 268 Diesel		
1996		
	1001-09	1501-09
4494		
Case 6-Cyl. 504 Diesel		
1986-1985		
	1006-10	1506-10
4694		
Case 6-Cyl. 504 Diesel		
1986-1985		
	1006-10	1506-10
485		
Case 3-Cyl. 179 Diesel		
1989-1987		
	1001-09	1501-09
4894		
Scania 6-Cyl. 674 Diesel		
1986-1985		
	1006-10	1506-10
495		
Case 3-Cyl. 179 Diesel		
1991		
	1001-09	1501-09
4994		
Saab-Scania V-8 866 Diesel		
1986		
	1006-10	1506-10
5120		
Case 4-Cyl. 239 Diesel		
1991-1990		
	1001-16	1501-16

Application	Standard	Safety
Case IH (Continued)		
Tractors (Continued)		
5130		
Case 6-Cyl. 359 Diesel		
1991-1990		
	1001-16	1501-16
5140		
Case 6-Cyl. 359 Diesel		
1991-1990		
	1001-16	1501-16
5220 Maxxum		
Case 4-Cyl. 239 Diesel		
1995		
	1001-16	1501-16
1993		
	1001-13	1501-13
1992		
	1001-16	1501-16
5230 Maxxum		
Case 6-Cyl. 359 Diesel		
1996-1995		
	1001-16	1501-16
1993		
	1001-13	1501-13
1992		
	1001-16	1501-16
5240 Maxxum		
Case 6-Cyl. 359 Diesel		
1996-1994		
	1001-16	1501-16
1993		
	1001-13	1501-13
1992		
	1001-16	1501-16
5250 Maxxum		
Case 6-Cyl. 359 Diesel		
1996-1994		
	1001-16	1501-16
1993		
	1001-13	1501-13
1992		
	1001-16	1501-16
584		
Case IH 4-Cyl. 206 Diesel		
1985		
	1001-09	1501-09
585		
Case 4-Cyl. 206 Diesel		
1988-1987		
	1001-09	1501-09
595		
Case IH 4-Cyl. 206 Diesel		
1992-1991		
	1001-09	1501-09
685		
Case 4-Cyl. 239 Diesel		
1989-1987		
	1001-09	1501-09
695		
Case 4-Cyl. 239 Diesel		
1993-1991		
	1001-09	1501-09
7110 Magnum		
Case 6T830 Diesel		
1992-1987		
	1001-16	1501-16
7120 Magnum		
Case 6T830 Diesel		
1992-1991		
	1001-16	1501-16
1989-1988		
	1001-16	1501-16

Radiator Cap Applications

Application	Standard	Safety
Case IH (Continued)		
Tractors (Continued)		
7130 Magnum		
Case 6-Cyl. 505 Diesel		
1992-1987		
	1001-16	1501-16
7140 Magnum		
Case 6-Cyl. 505 Diesel		
1992-1988		
	1001-16	1501-16
7150 Magnum		
Case 6-Cyl. 505 Diesel		
1992		
	1001-16	1501-16
7210 Magnum		
Case 6-Cyl. 505 Diesel		
1995-1994		
	1001-16	1501-16
7220 Magnum		
Case 6-Cyl. 505 Diesel		
1995		
	1001-16	1501-16
1993		
	1001-13	1501-13
7230 Magnum		
Case 6-Cyl. 505 Diesel		
1995		
	1001-16	1501-16
1993		
	1001-13	1501-13
7240 Magnum		
Case 6-Cyl. 505 Diesel		
1995-1994		
	1001-16	1501-16
1993		
	1001-13	1501-13
7250 Magnum		
Case 6-Cyl. 505 Diesel		
1995-1994		
	1001-16	1501-16
1993		
	1001-13	1501-13
884		
Case IH 4-Cyl. 268 Diesel		
1985		
	1001-07	1501-07
885		
Case 4-Cyl. 268 Diesel		
1988-1987		
	1001-09	1501-09
895		
Case IH 4-Cyl. 268 Diesel		
1993-1991		
	1001-09	1501-09
9130		
Case 6-Cyl. 505 Diesel		
1988		
	1001-16	1501-16
1986		
	1001-16	1501-16
9230		
Case 6-Cyl. 505 Diesel		
1992		
	1001-16	1501-16
9260		
Cummins 6-Cyl. 611 Diesel		
1991		
	1001-07	1501-07
9270		
Cummins 6-Cyl. 855 Diesel		
1992		
	1001-07	1501-07

Application	Standard	Safety
Case IH (Continued)		
Tractors (Continued)		
9280		
Cummins 6-Cyl. 855 Diesel		
1991		
	1001-07	1501-07
9310 Steiger		
Case 6-Cyl. 505 Diesel		
1999		
	1001-07	1501-07
9330 Steiger		
Case 6-Cyl. 505 Diesel		
1999		
	1001-16	1501-16
9370 Steiger		
Cummins N14 Diesel		
1997		
	1001-07	1501-07
995		
Case 4-Cyl. 268 Diesel		
1991		
	1001-09	1501-09
CX100		
Case 4-Cyl. 244 Diesel		
2000-1999		
	1001-16	1501-16
CX70		
Case 4-Cyl. 258 Diesel		
2001		
	1001-16	1501-16
CX80		
Case 4-Cyl. 244 Diesel		
2001		
	1001-16	1501-16
CX90		
Case 4-Cyl. 244 Diesel		
2000		
	1001-16	1501-16
1998		
	1001-16	1501-16
D25		
Shibaura 3-Cyl. 81 Diesel		
2002		
	1001-09	1501-09
D29		
Shibaura 3-Cyl. 81 Diesel		
2001		
	1007-13	1507-13
D45		
Shibaura 4-Cyl. 135 Diesel		
2001		
	1007-13	1507-13
DX25E		
Shibaura 3-Cyl. 61 Diesel		
2007-2006		
	1003-13	1503-13
DX26		
Shibaura 3-Cyl. 69 Diesel		
2006		
	1007-13	1507-13
DX33		
Shibaura 3-Cyl. 91 Diesel		
2002		
	1001-09	1501-09
DX35		
Shibaura 3-Cyl. 101 Diesel		
2007-2004		
	1001-09	1501-09
2002		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
Case IH (Continued)		
Tractors (Continued)		
DX40		
Shibaura 4-Cyl. 121 Diesel		
2007-2004		
	1001-09	1501-09
2002		
	1001-09	1501-09
DX45		
Shibaura 4-Cyl. 135 Diesel		
2007		
	1001-13	1501-13
2006-2004		
	1001-09	1501-09
2002		
	1001-09	1501-09
DX60		
Shibaura 4-Cyl. 135 Diesel		
2007		
	1007-13	1507-13
JX100U		
Case 4-Cyl. 238 Diesel		
2002		
	1001-09	1501-09
JX1060C		
Case 3-Cyl. 179 Diesel		
2007-2006		
	1001-09	1501-09
JX1075C		
Case 3-Cyl. 179 Diesel		
2007-2006		
	1001-09	1501-09
JX1095C		
Case 4-Cyl. 274 Diesel		
2007-2006		
	1001-09	1501-09
JX75		
Case 4-Cyl. 220 Diesel		
2002		
	1001-09	1501-09
JX80U		
Case 4-Cyl. 238 Diesel		
2002		
	1001-09	1501-09
JX90U		
Case 4-Cyl. 238 Diesel		
2002		
	1001-09	1501-09
JX95		
Case 4-Cyl. 238 Diesel		
2007-2006		
	1001-09	1501-09
MX100		
Case 6-Cyl. 359 Diesel		
2000		
	1001-16	1501-16
MX100C		
Case 4-Cyl. 244 Diesel		
2001		
	1001-16	1501-16
1999		
	1001-16	1501-16
MX110		
Case 6-Cyl. 359 Diesel		
2001-1999		
	1001-16	1501-16
MX120		
Case 6-Cyl. 359 Diesel		
2001-1999		
	1001-16	1501-16

Application	Standard	Safety
Case IH (Continued)		
Tractors (Continued)		
MX150		
Case 6-Cyl. 359 Diesel		
2001-1997		
	1001-16	1501-16
MX170		
Case 6-Cyl. 359 Diesel		
2001-1997		
	1001-16	1501-16
MX180		
Case 6-Cyl. 505 Diesel		
2001-1998		
	1001-16	1501-16
MX200		
Case 6-Cyl. 505 Diesel		
2000		
	1001-16	1501-16
1998		
	1001-16	1501-16
MX220		
Case 6-Cyl. 505 Diesel		
1999-1998		
	1001-16	1501-16
MX240		
Case 6-Cyl. 505 Diesel		
2000-1998		
	1001-16	1501-16
MX270		
Case 6-Cyl. 505 Diesel		
1999-1998		
	1001-16	1501-16
MX90C		
Case 4-Cyl. 244 Diesel		
2000		
	1001-16	1501-16
STX325		
Case 6-Cyl. 543 Diesel		
2006-2002		
	1001-07	1501-07
2000		
	1001-07	1501-07
STX375		
Cummins 6-Cyl. 912 Diesel		
2006-2002		
	1001-07	1501-07
2000		
	1001-07	1501-07
Caterpillar		
Tractors		
Challenger 35		
Caterpillar 3116 Diesel		
1998		
	1001-13	1501-13
1997		
	1001-07	1501-07
Challenger 45		
Caterpillar 3116 Diesel		
1998		
	1001-13	1501-13
1997		
	1001-07	1501-07
Challenger 55		
Caterpillar 3126 Diesel		
2000-1998		
	1001-13	1501-13
1997		
	1001-07	1501-07
Challenger 65D		
Caterpillar 3306 Diesel		
1997-1995		
	1006-07	1506-07

Radiator Cap Applications

Application	Standard	Safety
Caterpillar (Continued)		
Tractors (Continued)		
Challenger 65E		
Caterpillar 3176 Diesel		
1998		
	1006-10	1506-10
Challenger 75D		
Caterpillar 3176 Diesel		
1997-1996		
	1006-07	1506-07
Challenger 75E		
Caterpillar 3176 Diesel		
1999		
	1006-07	1506-07
1998		
	1006-10	1506-10
Challenger 85D		
Caterpillar 3196 Diesel		
1997-1996		
	1006-07	1506-07
Challenger 85E		
Caterpillar 3196 Diesel		
2000		
	1006-07	1506-07
Challenger 95E		
Caterpillar 3196 Diesel		
1999		
	1006-07	1506-07
1998		
	1006-10	1506-10
Chevrolet		
Light Trucks		
Astro		
V6 - 4.3L		
2005-2000		
	1008-16	1508-16
Avalanche		
V8 - 5.3L		
2009-2007		
	1005-16	
V8 - 6.0L		
2009-2007		
	1005-16	
Avalanche 1500		
V8 - 5.3L		
2006-2002		
	1005-16	
Avalanche 2500		
V8 - 8.1L		
2006-2002		
	1005-16	
C2500		
V8 - 5.7L		
2000		
	1008-16	1508-16
V8 - 6.5L		
2000		
	1001-16	1501-16
V8 - 7.4L		
2000		
	1008-16	1508-16
C3500		
V8 - 5.7L		
2000		
	1008-16	1508-16
V8 - 6.5L		
2002		
	1008-16	1508-16
2001		
	1005-16	
2000		
	1001-16	1501-16

Application	Standard	Safety
Chevrolet (Continued)		
Light Trucks (Continued)		
C3500 (Continued)		
V8 - 7.4L		
2000		
	1008-16	1508-16
V8 - 8.1L		
2002-2001		
	1008-16	1508-16
Express 1500		
V6 - 4.3L		
2009-2003		
	1005-16	
2002-2000		
	1008-16	1508-16
V8 - 5.0L		
2002-2000		
	1008-16	1508-16
V8 - 5.3L		
2009-2003		
	1005-16	
V8 - 5.7L		
2002-2000		
	1008-16	1508-16
Express 2500		
V6 - 4.3L		
2005-2003		
	1005-16	
2002-2000		
	1008-16	1508-16
V8 - 4.8L		
2009-2003		
	1005-16	
V8 - 5.0L		
2002-2000		
	1008-16	1508-16
V8 - 5.3L		
2005-2003		
	1005-16	
V8 - 5.7L		
2002-2000		
	1008-16	1508-16
V8 - 6.0L		
2009-2003		
	1005-16	
V8 - 6.5L		
2002		
	1008-16	1508-16
2001		
	1005-16	
2000		
	1008-16	1508-16
V8 - 6.6L		
2009-2006		
	1005-16	
Express 3500		
V8 - 4.8L		
2009-2005		
	1005-16	
V8 - 5.7L		
2002-2000		
	1008-16	1508-16
V8 - 6.0L		
2009-2003		
	1005-16	
V8 - 6.5L		
2002		
	1008-16	1508-16
2001		
	1005-16	
2000		
	1008-16	1508-16

Radiator Cap Applications

Application	Standard	Safety
Chevrolet (Continued)		
Light Trucks (Continued)		
Express 3500 (Continued)		
V8 - 6.6L 2009-2006		
	1005-16	
V8 - 7.4L 2000		
	1008-16	1508-16
V8 - 8.1L 2002-2001		
	1008-16	1508-16
K2500		
V8 - 5.7L 2000		
	1008-16	1508-16
V8 - 6.5L 2000		
	1001-16	1501-16
V8 - 7.4L 2000		
	1008-16	1508-16
K3500		
V8 - 5.7L 2000		
	1008-16	1508-16
V8 - 6.5L 2000		
	1001-16	1501-16
V8 - 7.4L 2000		
	1008-16	1508-16
Silverado 1500		
V6 - 4.3L 2008-2000		
	1005-16	
V8 - 4.8L 2008-2000		
	1005-16	
V8 - 5.3L 2008-2000		
	1005-16	
V8 - 6.0L 2008-2003		
	1005-16	
Silverado 1500 HD		
V8 - 6.0L 2007-2005		
	1005-16	
2003-2001		
	1005-16	
Silverado 2500		
V8 - 5.3L 2000		
	1005-16	
V8 - 6.0L 2004-2000		
	1005-16	
Silverado 2500 HD		
V8 - 6.0L 2008-2001		
	1005-16	
V8 - 6.6L 2008-2001		
	1005-16	
V8 - 8.1L 2007-2001		
	1005-16	
Silverado 3500		
V8 - 6.0L 2007-2001		
	1005-16	

Application	Standard	Safety
Chevrolet (Continued)		
Light Trucks (Continued)		
Silverado 3500 (Continued)		
V8 - 6.6L 2007-2001		
	1005-16	
V8 - 8.1L 2007-2001		
	1005-16	
Silverado 3500 HD		
V8 - 6.0L 2008-2007		
	1005-16	
V8 - 6.6L 2008-2007		
	1005-16	
Medium/Heavy Trucks		
C50		
GM 6-Cyl. 4.8 L 1986-1980		
	1001-09	1501-09
GM V-8 5.7 L 1990-1980		
	1001-09	1501-09
GM V-8 6.0 L 1990		
	1001-09	1501-09
C5500		
Caterpillar 3116 Diesel 1999		
	1001-09	1501-09
Caterpillar 3126 Diesel 2002-1998		
	1001-09	1501-09
GM V-8 6.0 L 1998-1997		
	1001-09	1501-09
GM V-8 7.0 L 1998-1997		
	1001-09	1501-09
GM V-8 7.4 L 2000		
	1001-09	1501-09
GM V-8 8.1 L 2002-2001		
	1001-09	1501-09
C60		
Caterpillar 3116 Diesel 1990		
	1001-09	1501-09
Caterpillar 3208 Diesel 1985-1983		
	1001-09	1501-09
Detroit Diesel 4-53 Diesel 1981-1980		
	1001-09	1501-09
Detroit Diesel V-8 8.2 L Diesel 1990-1980		
	1001-09	1501-09
GM 6-Cyl. 4.8 L 1986-1980		
	1001-09	1501-09
GM V-8 5.7 L 1990-1980		
	1001-09	1501-09
GM V-8 6.0 L 1990-1980		
	1001-09	1501-09
GM V-8 7.0 L 1985		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
Chevrolet (Continued)		
Medium/Heavy Trucks (Continued)		
C6500		
Caterpillar 3116 Diesel		
2000-1997		
	1001-09	1501-09
Caterpillar 3126 Diesel		
2003-1998		
	1001-09	1501-09
GM V-8 6.0 L		
1998-1997		
	1001-09	1501-09
GM V-8 7.0 L		
1998-1997		
	1001-09	1501-09
GM V-8 7.4 L		
2000-1999		
	1001-09	1501-09
GM V-8 8.1 L		
2002-2001		
	1001-09	1501-09
C70		
Caterpillar 3116 Diesel		
1990		
	1001-09	1501-09
Detroit Diesel 4-53 Diesel		
1981-1980		
	1001-09	1501-09
Detroit Diesel V-8 8.2 L Diesel		
1990-1980		
	1001-09	1501-09
GM V-8 5.7 L		
1980		
	1001-09	1501-09
GM V-8 6.0 L		
1990-1980		
	1001-09	1501-09
GM V-8 7.0 L		
1990-1980		
	1001-09	1501-09
GM V-8 7.4 L		
1981-1980		
	1001-09	1501-09
C7500		
Caterpillar 3116 Diesel		
2000-1997		
	1001-09	1501-09
Caterpillar 3126 Diesel		
2003-1998		
	1001-09	1501-09
GM V-8 6.0 L		
1998-1997		
	1001-09	1501-09
GM V-8 7.0 L		
1998-1997		
	1001-09	1501-09
GM V-8 7.4 L		
2000		
	1001-09	1501-09
GM V-8 8.1 L		
2002-2001		
	1001-09	1501-09
Kodiak C5500		
GM V-8 6.0 L		
1996-1991		
	1001-09	1501-09
GM V-8 7.0 L		
1996-1991		
	1001-09	1501-09

Application	Standard	Safety
Chevrolet (Continued)		
Medium/Heavy Trucks (Continued)		
Kodiak C6500		
Caterpillar 3116 Diesel		
1996-1991		
	1001-09	1501-09
GM V-8 6.0 L		
1996-1991		
	1001-09	1501-09
GM V-8 7.0 L		
1996-1991		
	1001-09	1501-09
Kodiak C7500		
Caterpillar 3116 Diesel		
1996-1991		
	1001-09	1501-09
GM V-8 6.0 L		
1996-1991		
	1001-09	1501-09
GM V-8 7.0 L		
1996-1991		
	1001-09	1501-09
Kodiak C8500		
Caterpillar 3116 Diesel		
1996-1991		
	1001-09	1501-09
GM V-8 6.0 L		
1996-1991		
	1001-09	1501-09
GM V-8 7.0 L		
1996-1991		
	1001-09	1501-09
P30		
GM V-8 6.0 L		
1993-1992		
	1001-09	1501-09
GM V-8 6.5 L Diesel		
1995		
	1001-16	1501-16
GM V-8 7.0 L		
1993-1992		
	1001-09	1501-09
P4T042		
GM 6-Cyl. 4.8 L		
1984-1980		
	1001-16	1501-16
P6T042		
Detroit Diesel V-8 8.2 L Diesel		
1990-1983		
	1001-09	1501-09
GM V-8 5.7 L		
1990-1983		
	1001-09	1501-09
GM V-8 6.0 L		
1990-1982		
	1001-09	1501-09
GM V-8 7.0 L		
1990-1986		
	1001-09	1501-09
Tiltmaster W4		
Isuzu 4BD1 Diesel		
1986		
	1001-07	1501-07
Tiltmaster W6		
Isuzu 6BD1 Diesel		
1987		
	1001-07	1501-07
Tiltmaster W7		
Isuzu 6BD1 Diesel		
1987-1984		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Chevrolet (Continued)		
Medium/Heavy Trucks (Continued)		
Tiltmaster W7 (Continued)		
Isuzu 6SA1 Diesel 1987-1986		
	1001-07	1501-07
School Buses		
B60 B6P Series		
Caterpillar 3116 Diesel 1995		
	1001-09	1501-09
Detroit Diesel V-8 8.2 L Diesel 1991-1980		
	1001-09	1501-09
GM V-8 5.7 L 1991-1980		
	1001-09	1501-09
GM V-8 6.0 L 1995		
	1001-09	1501-09
1991-1980		
	1001-09	1501-09
GM V-8 7.0 L 1995		
	1001-09	1501-09
1985-1980		
	1001-09	1501-09
B7 Series		
Caterpillar 3116 Diesel 1998-1996		
	1001-09	1501-09
1994-1993		
	1001-09	1501-09
Caterpillar 3126 Diesel 2000-1998		
	1001-09	1501-09
GM V-8 6.0 L 1998-1996		
	1001-09	1501-09
1994-1993		
	1001-09	1501-09
GM V-8 7.0 L 1998-1996		
	1001-09	1501-09
1994-1993		
	1001-09	1501-09
GM V-8 7.4 L 2000-1999		
	1001-09	1501-09
S7 S7T Series		
Detroit Diesel V-8 8.2 L Diesel 1990-1988		
	1001-09	1501-09
GM V-8 6.0 L 1990-1988		
	1001-09	1501-09
David Brown		
Tractors		
1210		
David Brown 4-Cyl. 219 Diesel 1980		
	1001-04	1501-04
990		
David Brown 4-Cyl. 185 Diesel 1980		
	1001-07	1501-07
David Brown 4-Cyl. 195 Diesel 1980		
	1001-07	1501-07

Application	Standard	Safety
David Brown (Continued)		
Tractors (Continued)		
995		
David Brown 4-Cyl. 219 Diesel 1980		
	1001-04	1501-04
Deutz-Allis		
Tractors		
5215		
Hinomoto 3-Cyl. 61 Diesel 1989-1986		
	1001-13	1501-13
5220		
Toyosha 3-Cyl. 87 Diesel 1990-1986		
	1001-13	1501-13
5230		
Toyosha 3-Cyl. 92 Diesel 1991-1986		
	1001-13	1501-13
6070		
Allis-Chalmers 4-Cyl. 200 Diesel 1985		
	1001-07	1501-07
8010		
Allis-Chalmers 6-Cyl. 301 Diesel 1989-1986		
	1001-07	1501-07
8050		
Allis-Chalmers 6-Cyl. 426 Diesel 1989-1986		
	1001-07	1501-07
8070		
Allis-Chalmers 6-Cyl. 426 Diesel 1989-1986		
	1001-07	1501-07
Dodge		
Light Trucks		
Ram 1500		
V10 - 8.3L 2006-2004		
	1001-16	1501-16
V6 - 3.7L 2009-2008		
	1001-16	1501-16
2006-2004		
	1001-16	1501-16
V8 - 4.7L 2009-2004		
	1001-16	1501-16
V8 - 5.7L 2009-2004		
	1001-16	1501-16
Ram 1500 Pickup		
V6 - 3.7L 2003-2002		
	1001-16	1501-16
V6 - 3.9L 2001		
	1001-16	1501-16
2000		
	1008-16	1508-16
V8 - 4.7L 2003-2002		
	1001-16	1501-16
V8 - 5.2L 2001		
	1001-16	1501-16
2000		
	1008-16	1508-16

Radiator Cap Applications

Application	Standard	Safety
Dodge (Continued)		
Light Trucks (Continued)		
Ram 1500 Pickup (Continued)		
V8 - 5.7L		
2003		
	1001-16	1501-16
V8 - 5.9L		
2003-2000		
	1001-16	1501-16
Ram 1500 Van		
V6 - 3.9L		
2003-2001		
	1001-16	1501-16
2000		
	1008-16	1508-16
V8 - 5.2L		
2003		
	1001-16	1501-16
2002		
	1001-18	1501-18
2001		
	1001-16	1501-16
2000		
	1008-16	1508-16
V8 - 5.9L		
2003-2000		
	1001-16	1501-16
Ram 2500		
L6 - 5.9L		
2008-2007		
	1001-16	1501-16
2005-2004		
	1001-16	1501-16
L6 - 6.7L		
2008-2007		
	1001-16	1501-16
V8 - 5.7L		
2009-2004		
	1001-16	1501-16
Ram 2500 Pickup		
L6 - 5.9L		
2003-2000		
	1001-16	1501-16
V10 - 8.0L		
2003-2000		
	1001-16	1501-16
V8 - 5.7L		
2003		
	1001-16	1501-16
V8 - 5.9L		
2002-2000		
	1001-16	1501-16
Ram 2500 Van		
V6 - 3.9L		
2001		
	1008-16	1508-16
V8 - 5.2L		
2003-2000		
	1001-18	1501-18
V8 - 5.9L		
2003-2000		
	1001-16	1501-16
Ram 3500		
L6 - 5.9L		
2008-2007		
	1001-16	1501-16
2005-2004		
	1001-16	1501-16
L6 - 6.7L		
2008-2007		
	1001-16	1501-16

Application	Standard	Safety
Dodge (Continued)		
Light Trucks (Continued)		
Ram 3500 (Continued)		
V8 - 5.7L		
2009-2004		
	1001-16	1501-16
Ram 3500 Pickup		
L6 - 5.9L		
2003-2000		
	1001-16	1501-16
V10 - 8.0L		
2003-2000		
	1001-16	1501-16
V8 - 5.7L		
2003		
	1001-16	1501-16
V8 - 5.9L		
2002-2000		
	1001-16	1501-16
Ram 3500 Van		
V8 - 5.2L		
2003-2000		
	1001-18	1501-18
V8 - 5.9L		
2003-2000		
	1001-16	1501-16
Sprinter 2500		
L5 - 2.7L		
2006		
	1001-18	1501-18
Sprinter 3500		
L5 - 2.7L		
2006		
	1001-18	1501-18
Ford		
Light Trucks		
E Super Duty		
V10 - 6.8L		
2002-2000		
	1004-16	
V8 - 5.4L		
2002-2000		
	1004-16	
V8 - 7.3L		
2002-2000		
	1004-16	
E-150		
V8 - 4.6L		
2008-2006		
	1004-16	
V8 - 5.4L		
2008-2006		
	1004-16	
E-150 Econoline		
V6 - 4.2L		
2003-2000		
	1004-16	
V8 - 4.6L		
2005-2000		
	1004-16	
V8 - 5.4L		
2005-2000		
	1004-16	
E-250		
V8 - 4.6L		
2008-2006		
	1004-16	
V8 - 5.4L		
2008-2006		
	1004-16	

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Light Trucks (Continued)		
E-250 Econoline		
V6 - 4.2L		
2003-2000		
	1004-16	
V8 - 4.6L		
2005-2003		
	1004-16	
V8 - 5.4L		
2005-2000		
	1004-16	
E-350 Econoline		
V10 - 6.8L		
2005-2000		
	1004-16	
V8 - 5.4L		
2005-2000		
	1004-16	
V8 - 6.0L		
2005-2004		
	1004-16	
V8 - 7.3L		
2003-2000		
	1004-16	
E-350 Super Duty		
V10 - 6.8L		
2008-2006		
	1004-16	
V8 - 5.4L		
2008-2006		
	1004-16	
V8 - 6.0L		
2008-2006		
	1004-16	
F-150		
V6 - 4.2L		
2008-2005		
	1004-16	
2003-2000		
	1004-16	
V8 - 4.6L		
2008-2000		
	1004-16	
V8 - 5.4L		
2008-2000		
	1004-16	
F-150 Pickup		
V6 - 4.2L		
2004		
	1004-16	
V8 - 4.6L		
2004		
	1004-16	
V8 - 5.4L		
2004		
	1004-16	
F-250 Super Duty		
V10 - 6.8L		
2008-2000		
	1004-16	
V8 - 5.4L		
2008-2000		
	1004-16	
V8 - 6.0L		
2007-2003		
	1004-16	
V8 - 6.4L		
2008		
	1004-16	

Application	Standard	Safety
Ford (Continued)		
Light Trucks (Continued)		
F-250 Super Duty (Continued)		
V8 - 7.3L		
2003-2000		
	1004-16	
F-350 Super Duty		
V10 - 6.8L		
2008-2000		
	1004-16	
V8 - 5.4L		
2008-2000		
	1004-16	
V8 - 6.0L		
2007-2003		
	1004-16	
V8 - 6.4L		
2008		
	1004-16	
V8 - 7.3L		
2003-2000		
	1004-16	
Medium/Heavy Trucks		
C600		
Detroit Diesel V-8 8.2 L Diesel		
1982-1980		
	1001-07	1501-07
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
C700		
Detroit Diesel V-8 8.2 L Diesel		
1982-1980		
	1001-07	1501-07
Ford V-8 6.1 L		
1982		
	1001-07	1501-07
1981-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1982		
	1001-07	1501-07
1981-1980		
	1001-13	1501-13
C7000		
Caterpillar 3208 Diesel		
1982-1980		
	1001-07	1501-07
C800		
Detroit Diesel V-8 8.2 L Diesel		
1982-1980		
	1001-07	1501-07
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1982-1980		
	1001-13	1501-13
C8000		
Caterpillar 3208 Diesel		
1982-1980		
	1001-07	1501-07
C900		
Ford V-8 7.8 L		
1981-1980		
	1001-13	1501-13
Ford V-8 8.8 L		
1981-1980		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
CF6000		
Ford 6-Cyl. 6.6 L Diesel		
1990		
	1001-07	1501-07
CF7000		
Cummins B Series 5.9 L Diesel		
1997-1994		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1996-1994		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1990		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1991		
	1001-07	1501-07
CF8000		
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1994-1990		
	1001-07	1501-07
CFT8000		
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07
CL9000		
Caterpillar 3406 Diesel		
1991-1980		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel		
1990-1980		
	1001-07	1501-07
Cummins L10 Diesel		
1991-1988		
	1001-07	1501-07
Cummins N14 Diesel		
1991		
	1001-07	1501-07
Detroit Diesel 6V-92 Diesel		
1986-1980		
	1001-07	1501-07
Detroit Diesel 8V-71 Diesel		
1986-1980		
	1001-07	1501-07
Detroit Diesel 8V-92 Diesel		
1980		
	1001-07	1501-07
CLT9000		
Caterpillar 3406 Diesel		
1991-1980		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel		
1990-1980		
	1001-07	1501-07
Cummins KT Diesel		
1982		
	1001-07	1501-07
Cummins L10 Diesel		
1991-1988		
	1001-07	1501-07
Cummins N14 Diesel		
1991		
	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
CLT9000 (Continued)		
Detroit Diesel 6V-92 Diesel		
1986-1980		
	1001-07	1501-07
Detroit Diesel 8V-71 Diesel		
1986-1980		
	1001-07	1501-07
Detroit Diesel 8V-92 Diesel		
1986-1980		
	1001-07	1501-07
CT800		
Detroit Diesel V-8 8.2 L Diesel		
1983-1980		
	1001-07	1501-07
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1982-1980		
	1001-13	1501-13
CT8000		
Caterpillar 3208 Diesel		
1989-1980		
	1001-07	1501-07
CT900		
Ford V-8 7.8 L		
1980		
	1001-13	1501-13
Ford V-8 8.8 L		
1980		
	1001-13	1501-13
E350		
Ford V-8 5.8 L		
1989		
	1001-13	1501-13
Ford V-8 7.5 L		
1989		
	1001-13	1501-13
E450 Super Duty		
Ford V-8 5.4 L		
2005-2000		
	1004-16	
Ford V-8 7.3 L Diesel		
1998		
	1004-16	
F Super Duty		
Ford V-8 7.5 L		
1989-1988		
	1001-13	1501-13
F450 Super Duty		
Ford V-10 6.8 L		
2006-2004		
	1004-16	
1999		
	1004-16	
Ford V-8 6.0 L Diesel		
2006		
	1004-16	
F550 Super Duty		
Ford V-10 6.8 L		
2006-2004		
	1004-16	
1999		
	1004-16	
Ford V-8 6.0 L Diesel		
2006		
	1004-16	

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
F600		
Cummins B Series 5.9 L Diesel		
1993-1992		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1993		
	1001-07	1501-07
Detroit Diesel V-8 8.2 L Diesel		
1982-1980		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1990		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1991		
	1001-07	1501-07
Ford V-8 6.1 L		
1991-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Ford V-8 7.0 L		
1994-1990		
	1001-07	1501-07
F700		
Cummins B Series 5.9 L Diesel		
1997		
	1001-07	1501-07
1993-1992		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1993		
	1001-07	1501-07
Cummins ISB Diesel		
1998		
	1001-07	1501-07
Detroit Diesel V-8 8.2 L Diesel		
1982-1980		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1990		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07
Ford V-8 6.1 L		
1991-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Ford V-8 7.0 L		
1998-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
F800		
Cummins B Series 5.9 L Diesel		
1997		
	1001-07	1501-07
1994-1992		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997		
	1001-07	1501-07
1994-1993		
	1001-07	1501-07
Cummins ISB Diesel		
1999-1998		
	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
F800 (Continued)		
Cummins ISC Diesel		
1999-1998		
	1001-07	1501-07
Detroit Diesel V-8 8.2 L Diesel		
1981-1980		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1990		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07
Ford V-8 6.1 L		
1991-1990		
	1001-07	1501-07
1981-1980		
	1001-07	1501-07
Ford V-8 7.0 L		
1999-1990		
	1001-07	1501-07
1981-1980		
	1001-07	1501-07
F900		
Cummins C Series 8.3 L Diesel		
1993		
	1001-07	1501-07
FT800		
Ford V-8 7.0 L		
1990		
	1001-07	1501-07
FT900		
Cummins B Series 5.9 L Diesel		
1993-1992		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Cummins ISC Diesel		
1998		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07
Ford V-8 6.1 L		
1991		
	1001-07	1501-07
Ford V-8 7.0 L		
1993-1991		
	1001-07	1501-07
L800		
Ford V-8 6.1 L		
1981-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1981-1980		
	1001-13	1501-13
L8000		
Caterpillar 3126 Diesel		
1998		
	1001-07	1501-07
Caterpillar 3176 Diesel		
1998-1997		
	1001-07	1501-07
Caterpillar 3208 Diesel		
1981-1980		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
L8000 (Continued)		
Caterpillar 3306 Diesel		
1998-1997		
	1001-07	1501-07
Caterpillar 3406 Diesel		
1997-1991		
	1001-07	1501-07
Caterpillar C12 Diesel		
1998-1997		
	1001-07	1501-07
Cummins B Series 5.9 L Diesel		
1997		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Cummins ISB Diesel		
1998		
	1001-07	1501-07
Cummins ISC Diesel		
1998		
	1001-07	1501-07
Cummins ISM Diesel		
1998		
	1001-07	1501-07
Cummins L10 Diesel		
1992-1991		
	1001-07	1501-07
Cummins M11 Diesel		
1997-1996		
	1001-07	1501-07
Cummins N14 Diesel		
1998-1994		
	1001-07	1501-07
Detroit Diesel Series 60 Diesel		
1998-1996		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07
L900		
Ford V-8 7.8 L		
1981-1980		
	1001-13	1501-13
Ford V-8 8.8 L		
1981-1980		
	1001-13	1501-13
L9000		
Caterpillar 3176 Diesel		
1997-1994		
	1001-07	1501-07
Caterpillar 3306 Diesel		
1997-1990		
	1001-07	1501-07
Caterpillar 3406 Diesel		
1997-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel		
1982-1980		
	1001-07	1501-07
Cummins B Series 5.9 L Diesel		
1997		
	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
L9000 (Continued)		
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Cummins ISC Diesel		
1998		
	1001-07	1501-07
Cummins ISM Diesel		
1998		
	1001-07	1501-07
Cummins L10 Diesel		
1997-1994		
	1001-07	1501-07
1992-1990		
	1001-07	1501-07
Cummins M11 Diesel		
1997-1996		
	1001-07	1501-07
Cummins N14 Diesel		
1997-1994		
	1001-07	1501-07
Detroit Diesel 6-71 Diesel		
1982-1980		
	1001-07	1501-07
Detroit Diesel 8V-71 Diesel		
1982-1980		
	1001-07	1501-07
Detroit Diesel Series 60 Diesel		
1993-1991		
	1001-07	1501-07
LA8000		
Caterpillar 3406 Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1992-1990		
	1001-07	1501-07
LA9000		
Caterpillar 3406 Diesel		
1992-1990		
	1001-07	1501-07
Cummins L10 Diesel		
1993-1990		
	1001-07	1501-07
LL9000		
Caterpillar 3406 Diesel		
1993-1990		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1993		
	1001-07	1501-07
Cummins L10 Diesel		
1993-1990		
	1001-07	1501-07
LLA9000		
Caterpillar 3406 Diesel		
1993-1991		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1993		
	1001-07	1501-07
Cummins L10 Diesel		
1992-1991		
	1001-07	1501-07
Detroit Diesel Series 60 Diesel		
1993-1992		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LLS9000		
Caterpillar 3406 Diesel		
1993-1991		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1993		
	1001-07	1501-07
Cummins L10 Diesel		
1993-1991		
	1001-07	1501-07
LN600		
Detroit Diesel V-8 8.2 L Diesel		
1982-1981		
	1001-07	1501-07
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
LN700		
Detroit Diesel V-8 8.2 L Diesel		
1982-1981		
	1001-07	1501-07
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1982-1981		
	1001-07	1501-07
1980		
	1001-13	1501-13
LN7000		
Caterpillar 3208 Diesel		
1982-1980		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1990		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1990		
	1001-07	1501-07
LN800		
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1982-1980		
	1001-13	1501-13
LN8000		
Caterpillar 3126 Diesel		
1998		
	1001-07	1501-07
Caterpillar 3208 Diesel		
1982-1980		
	1001-07	1501-07
Caterpillar 3406 Diesel		
1991		
	1001-07	1501-07
Cummins B Series 5.9 L Diesel		
1997		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Cummins L10 Diesel		
1992		
	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LN8000 (Continued)		
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07
LN900		
Ford V-8 7.8 L		
1981-1980		
	1001-13	1501-13
Ford V-8 8.8 L		
1981-1980		
	1001-13	1501-13
LN9000		
Caterpillar 3176 Diesel		
1995-1994		
	1001-07	1501-07
Caterpillar 3406 Diesel		
1997-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel		
1982-1980		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Cummins L10 Diesel		
1997-1990		
	1001-07	1501-07
Cummins N14 Diesel		
1997-1994		
	1001-07	1501-07
Detroit Diesel 6-71 Diesel		
1982-1980		
	1001-07	1501-07
Detroit Diesel 6V-92 Diesel		
1982-1980		
	1001-07	1501-07
Detroit Diesel 8V-71 Diesel		
1982-1980		
	1001-07	1501-07
LNT800		
Ford V-8 6.1 L		
1982-1980		
	1001-13	1501-13
Ford V-8 7.0 L		
1982-1980		
	1001-13	1501-13
LNT8000		
Caterpillar 3208 Diesel		
1982-1980		
	1001-07	1501-07
Caterpillar 3406 Diesel		
1991		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel		
1997-1993		
	1001-07	1501-07
Cummins L10 Diesel		
1991		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel		
1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel		
1993-1990		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LNT900		
Ford V-8 7.8 L 1981-1980		
	1001-13	1501-13
Ford V-8 8.8 L 1981-1980		
	1001-13	1501-13
LNT9000		
Caterpillar 3176 Diesel 1995-1994		
	1001-07	1501-07
Caterpillar 3406 Diesel 1997-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel 1982-1980		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1997-1993		
	1001-07	1501-07
Cummins L10 Diesel 1997-1990		
	1001-07	1501-07
Cummins N14 Diesel 1997-1994		
	1001-07	1501-07
Detroit Diesel 6-71 Diesel 1982-1980		
	1001-07	1501-07
Detroit Diesel 6V-92 Diesel 1982-1980		
	1001-07	1501-07
Detroit Diesel 8V-71 Diesel 1982-1980		
	1001-07	1501-07
LS8000		
Caterpillar 3406 Diesel 1993-1991		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1993		
	1001-07	1501-07
Cummins L10 Diesel 1992-1991		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel 1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel 1993-1990		
	1001-07	1501-07
LS9000		
Caterpillar 3306 Diesel 1993-1990		
	1001-07	1501-07
Caterpillar 3406 Diesel 1993-1990		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1993		
	1001-07	1501-07
Cummins L10 Diesel 1993-1990		
	1001-07	1501-07
Detroit Diesel Series 60 Diesel 1993-1991		
	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LT800		
Ford V-8 6.1 L 1982-1980		
	1001-13	1501-13
Ford V-8 7.0 L 1982-1980		
	1001-13	1501-13
LT8000		
Caterpillar 3208 Diesel 1982-1980		
	1001-07	1501-07
Caterpillar 3406 Diesel 1995-1994		
	1001-07	1501-07
Caterpillar C10 Diesel 1998-1997		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1997-1993		
	1001-07	1501-07
Cummins ISC Diesel 1998		
	1001-07	1501-07
Cummins L10 Diesel 1991		
	1001-07	1501-07
Cummins N14 Diesel 1997-1994		
	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel 1993-1991		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel 1993-1990		
	1001-07	1501-07
LT900		
Ford V-8 7.8 L 1981-1980		
	1001-13	1501-13
Ford V-8 8.8 L 1981-1980		
	1001-13	1501-13
LT9000		
Caterpillar 3176 Diesel 1997-1994		
	1001-07	1501-07
Caterpillar 3306 Diesel 1996-1990		
	1001-07	1501-07
Caterpillar 3406 Diesel 1997-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Caterpillar C10 Diesel 1998-1997		
	1001-07	1501-07
Caterpillar C12 Diesel 1998-1997		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel 1982-1980		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1997-1993		
	1001-07	1501-07
Cummins L10 Diesel 1997-1990		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LT9000 (Continued)		
Cummins N14 Diesel 1997-1994	1001-07	1501-07
Detroit Diesel 6-71 Diesel 1982-1980	1001-07	1501-07
Detroit Diesel 8V-71 Diesel 1982-1980	1001-07	1501-07
Detroit Diesel Series 60 Diesel 1994-1992	1001-07	1501-07
LTA9000		
Caterpillar 3406 Diesel 1992-1990	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1993	1001-07	1501-07
Cummins L10 Diesel 1993-1990	1001-07	1501-07
LTL9000		
Caterpillar 3176 Diesel 1997-1994	1001-07	1501-07
Caterpillar 3306 Diesel 1994-1991	1001-07	1501-07
Caterpillar 3406 Diesel 1997-1990	1001-07	1501-07
Caterpillar C10 Diesel 1998-1997	1001-07	1501-07
Caterpillar C12 Diesel 1998-1997	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel 1982	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1997-1993	1001-07	1501-07
Cummins L10 Diesel 1997-1990	1001-07	1501-07
Cummins N14 Diesel 1997-1994	1001-07	1501-07
Detroit Diesel 8V-92 Diesel 1982	1001-07	1501-07
Detroit Diesel Series 60 Diesel 1994-1992	1001-07	1501-07
LTLA9000		
Caterpillar 3406 Diesel 1993-1991	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1994-1993	1001-07	1501-07
Cummins L10 Diesel 1992-1991	1001-07	1501-07
Detroit Diesel Series 60 Diesel 1994-1992	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LTLS9000		
Caterpillar 3176 Diesel 1998-1994	1001-07	1501-07
Caterpillar 3306 Diesel 1998-1997	1001-07	1501-07
Caterpillar 3406 Diesel 1998-1991	1001-07	1501-07
Caterpillar C10 Diesel 1998-1997	1001-07	1501-07
Caterpillar C12 Diesel 1998-1997	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1997-1993	1001-07	1501-07
Cummins ISB Diesel 1998	1001-07	1501-07
Cummins ISC Diesel 1998	1001-07	1501-07
Cummins ISM Diesel 1998	1001-07	1501-07
Cummins L10 Diesel 1992-1991	1001-07	1501-07
Cummins M11 Diesel 1997-1996	1001-07	1501-07
Cummins N14 Diesel 1998-1994	1001-07	1501-07
Detroit Diesel Series 60 Diesel 1998-1997	1001-07	1501-07
1994-1992	1001-07	1501-07
LTS800		
Ford V-8 7.0 L 1982-1980	1001-13	1501-13
LTS8000		
Caterpillar 3208 Diesel 1982-1980	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1993	1001-07	1501-07
Ford 6-Cyl. 6.6 L Diesel 1993-1991	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel 1993-1990	1001-07	1501-07
LTS900		
Ford V-8 7.8 L 1981-1980	1001-13	1501-13
Ford V-8 8.8 L 1981-1980	1001-13	1501-13
LTS9000		
Caterpillar 3306 Diesel 1993-1990	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LTS9000 (Continued)		
Caterpillar 3406 Diesel 1993-1990		
	1001-07	1501-07
1982-1980		
	1001-07	1501-07
Cummins 6-Cyl. 14.0 L Diesel 1982-1980		
	1001-07	1501-07
Cummins C Series 8.3 L Diesel 1993		
	1001-07	1501-07
Cummins L10 Diesel 1993-1990		
	1001-07	1501-07
Detroit Diesel 6-71 Diesel 1982-1980		
	1001-07	1501-07
Detroit Diesel Series 60 Diesel 1993-1992		
	1001-07	1501-07
School Buses		
B600		
Ford 6-Cyl. 6.6 L Diesel 1993		
	1001-07	1501-07
Ford FD1060 Diesel 1993-1992		
	1001-07	1501-07
B700		
Ford 6-Cyl. 6.6 L Diesel 1993		
	1001-07	1501-07
Ford 6-Cyl. 7.8 L Diesel 1993		
	1001-07	1501-07
Ford FD1060 Diesel 1993-1992		
	1001-07	1501-07
Tractors		
1100		
Shibaura 2-Cyl. 43 Diesel 1982-1980		
	1001-13	1501-13
1110		
Shibaura 2-Cyl. 43 Diesel 1985		
	1001-13	1501-13
1984-1983		
	1001-16	1501-16
1200		
Shibaura 2-Cyl. 49 Diesel 1982-1981		
	1001-13	1501-13
1210		
Shibaura 3-Cyl. 54 Diesel 1985		
	1001-13	1501-13
1984-1983		
	1001-16	1501-16
1300		
Shibaura 2-Cyl. 49 Diesel 1982-1981		
	1001-16	1501-16
1500		
Shibaura 2-Cyl. 61 Diesel 1982-1980		
	1001-13	1501-13

Application	Standard	Safety
Ford (Continued)		
Tractors (Continued)		
1500 (Continued)		
Shibaura 2-Cyl. 69 Diesel 1982-1980		
	1001-13	1501-13
1700		
Shibaura 2-Cyl. 78 Diesel 1982-1980		
	1001-13	1501-13
1710		
Shibaura 3-Cyl. 85 Diesel 1986-1985		
	1001-13	1501-13
1900		
Shibaura 3-Cyl. 87 Diesel 1982-1980		
	1001-13	1501-13
2310		
Ford 3-Cyl. 158 Diesel 1982		
	1001-07	1501-07
2600		
Ford 3-Cyl. 158 1981-1980		
	1001-07	1501-07
Ford 3-Cyl. 158 Diesel 1981-1980		
	1001-07	1501-07
2610		
Ford 3-Cyl. 158 1982		
	1001-07	1501-07
Ford 3-Cyl. 175 Diesel 1982		
	1001-07	1501-07
3600		
Ford 3-Cyl. 175 1981-1980		
	1001-07	1501-07
Ford 3-Cyl. 175 Diesel 1981-1980		
	1001-07	1501-07
3610		
Ford 3-Cyl. 175 1982		
	1001-07	1501-07
Ford 3-Cyl. 192 Diesel 1982		
	1001-07	1501-07
4100		
Ford 3-Cyl. 183 1981-1980		
	1001-07	1501-07
Ford 3-Cyl. 183 Diesel 1981-1980		
	1001-07	1501-07
4600		
Ford 3-Cyl. 192 1981-1980		
	1001-07	1501-07
Ford 3-Cyl. 201 Diesel 1981-1980		
	1001-07	1501-07
5600		
Ford 4-Cyl. 233 Diesel 1981-1980		
	1001-07	1501-07
6600		
Ford 4-Cyl. 256 1981-1980		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Ford (Continued)		
Tractors (Continued)		
6600 (Continued)		
Ford 4-Cyl. 256 Diesel		
1981-1980		
	1001-07	1501-07
6700		
Ford 4-Cyl. 255 Diesel		
1981-1980		
	1001-07	1501-07
6700 EC2		
Ford 4-Cyl. 255 Diesel		
1981-1980		
	1001-07	1501-07
6710		
Ford 4-Cyl. 256 Diesel		
1984		
	1001-07	1501-07
1983		
	1001-13	1501-13
7600		
Ford 4-Cyl. 255 Diesel		
1981-1980		
	1001-07	1501-07
Ford 4-Cyl. 268 Diesel		
1981-1980		
	1001-07	1501-07
7700		
Ford 4-Cyl. 255 Diesel		
1981-1980		
	1001-07	1501-07
Ford 4-Cyl. 268 Diesel		
1981-1980		
	1001-07	1501-07
846		
Cummins 6-Cyl. 611 Diesel		
1992		
	1001-07	1501-07
FW20		
Cummins V-8 555 Diesel		
1980		
	1006-07	1506-07
FW30		
Cummins V-8 903 Diesel		
1980		
	1006-07	1506-07
FW60		
Cummins V-8 903 Diesel		
1980		
	1006-07	1506-07
TW10		
Ford 6-Cyl. 401 Diesel		
1982-1981		
	1001-07	1501-07
TW15		
Ford 6-Cyl. 401 Diesel		
1986		
	1001-07	1501-07
1984-1983		
	1001-07	1501-07
TW20		
Ford 6-Cyl. 401 Diesel		
1982-1981		
	1001-07	1501-07
TW25		
Ford 6-Cyl. 401 Diesel		
1986		
	1001-07	1501-07
1984-1983		
	1001-07	1501-07

Application	Standard	Safety
Ford (Continued)		
Tractors (Continued)		
TW30		
Ford 6-Cyl. 401 Diesel		
1982-1981		
	1001-07	1501-07
TW35		
Ford 6-Cyl. 401 Diesel		
1986-1983		
	1001-07	1501-07
TW5		
Ford 6-Cyl. 401 Diesel		
1986		
	1001-07	1501-07
1984-1983		
	1001-07	1501-07
Ford-New Holland		
Tractors		
1120		
Shibaura 3-Cyl. 54 Diesel		
1991		
	1001-16	1501-16
1215		
Shibaura 3-Cyl. 54 Diesel		
1997-1993		
	1001-16	1501-16
1310		
Shibaura 3-Cyl. 58 Diesel		
1986		
	1001-16	1501-16
1983		
	1001-16	1501-16
1320		
Shibaura 3-Cyl. 77 Diesel		
1996		
	1001-13	1501-13
1994		
	1001-13	1501-13
1991-1989		
	1001-13	1501-13
1510		
Shibaura 3-Cyl. 68 Diesel		
1986-1985		
	1001-13	1501-13
1520		
Shibaura 3-Cyl. 81 Diesel		
1997-1995		
	1001-13	1501-13
1993-1989		
	1001-13	1501-13
1620		
Shibaura 3-Cyl. 81 Diesel		
1997		
	1001-13	1501-13
1993		
	1001-16	1501-16
1992		
	1001-13	1501-13
1715		
Shibaura 3-Cyl. 81 Diesel		
1996		
	1001-13	1501-13
1994-1993		
	1001-13	1501-13
1720		
Shibaura 3-Cyl. 91 Diesel		
1998-1995		
	1001-13	1501-13
1992-1989		
	1001-13	1501-13
1987		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Ford-New Holland (Continued)		
Tractors (Continued)		
1910		
Shibaura 3-Cyl. 104 Diesel		
1986-1985		
	1001-13	1501-13
1920		
Shibaura 4-Cyl. 122 Diesel		
1998-1993		
	1001-13	1501-13
1990-1988		
	1001-13	1501-13
1925		
Iveco 3-Cyl. 91 Diesel		
1998		
	1007-13	1507-13
2110		
Shibaura 4-Cyl. 139 Diesel		
1986-1985		
	1001-13	1501-13
2120		
Shibaura 4-Cyl. 139 Diesel		
1998		
	1001-13	1501-13
1996		
	1001-13	1501-13
1991-1988		
	1001-13	1501-13
2810		
Ford 3-Cyl. 158 Diesel		
1988-1985		
	1001-07	1501-07
2910		
Ford 3-Cyl. 175 Diesel		
1990		
	1001-09	1501-09
1989		
	1001-13	1501-13
1985-1983		
	1001-07	1501-07
3230		
Ford 3-Cyl. 192 Diesel		
1990		
	1001-07	1501-07
3415		
Ford 4-Cyl. 135 Diesel		
2002-1995		
	1001-13	1501-13
1993		
	1001-13	1501-13
3430		
Ford 3-Cyl. 192 Diesel		
1996		
	1001-07	1501-07
1993-1992		
	1001-07	1501-07
1990		
	1001-07	1501-07
3910		
Ford 3-Cyl. 192 Diesel		
1989		
	1001-13	1501-13
1988-1983		
	1001-07	1501-07
3930		
Ford 3-Cyl. 201 Diesel		
1995		
	1001-07	1501-07
1994		
	1001-13	1501-13
1992-1990		
	1001-07	1501-07

Application	Standard	Safety
Ford-New Holland (Continued)		
Tractors (Continued)		
4610		
Ford 3-Cyl. 201 Diesel		
1988-1983		
	1001-07	1501-07
4630		
Ford 3-Cyl. 192 Diesel		
2002-1996		
	1001-09	1501-09
Ford 3-Cyl. 201 Diesel		
1992-1991		
	1001-09	1501-09
4835		
Fiat 4-Cyl. 220 Diesel		
1997-1996		
	1001-09	1501-09
5030		
Ford 4-Cyl. 256 Diesel		
1996-1993		
	1001-13	1501-13
5610		
Ford 4-Cyl. 256 Diesel		
1992-1989		
	1001-13	1501-13
1988-1982		
	1001-07	1501-07
5610S		
Genesis 4-Cyl. 268 Diesel		
1996		
	1001-13	1501-13
1994		
	1001-13	1501-13
5635		
Fiat 4-Cyl. 238 Diesel		
1997-1996		
	1001-09	1501-09
5640		
Ford 4-Cyl. 268 Diesel		
1997-1996		
	1001-13	1501-13
1993-1992		
	1001-13	1501-13
6610		
Ford 4-Cyl. 268 Diesel		
1991-1989		
	1001-13	1501-13
1988-1982		
	1001-07	1501-07
6640		
Ford 4-Cyl. 304 Diesel		
1997-1996		
	1001-13	1501-13
1993-1992		
	1001-13	1501-13
7610		
Ford 4-Cyl. 268 Diesel		
1990-1989		
	1001-13	1501-13
1988-1986		
	1001-07	1501-07
1984-1982		
	1001-07	1501-07
7710		
Ford 4-Cyl. 268 Diesel		
1991		
	1001-13	1501-13
1989-1982		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Ford-New Holland (Continued)		
Tractors (Continued)		
7740		
Ford 4-Cyl. 304 Diesel		
1997-1992		
	1001-13	1501-13
7810		
Ford 6-Cyl. 401 Diesel		
1990		
	1001-13	1501-13
1987-1986		
	1001-13	1501-13
7840		
Ford 6-Cyl. 401 Diesel		
1996		
	1001-13	1501-13
1993		
	1001-13	1501-13
8210		
Ford 6-Cyl. 401 Diesel		
1990-1989		
	1001-13	1501-13
1987-1986		
	1001-13	1501-13
8240		
Ford 6-Cyl. 456 Diesel		
1996		
	1001-13	1501-13
1994		
	1001-13	1501-13
1992		
	1001-13	1501-13
8340		
Ford 6-Cyl. 456 Diesel		
1996-1995		
	1001-13	1501-13
1993-1992		
	1001-13	1501-13
8530		
Ford 6-Cyl. 401 Diesel		
1990		
	1001-09	1501-09
8630		
Ford 6-Cyl. 401 Diesel		
1993		
	1001-07	1501-07
1992-1990		
	1001-09	1501-09
8670		
Genesis 6-Cyl. 456 Diesel		
2000-1998		
	1001-13	1501-13
8730		
Ford 6-Cyl. 401 Diesel		
1992		
	1001-09	1501-09
1990		
	1001-09	1501-09
8770		
Genesis 6-Cyl. 456 Diesel		
1999-1998		
	1001-13	1501-13
8830		
Ford 6-Cyl. 401 Diesel		
1992-1991		
	1001-09	1501-09
8870		
Genesis 6-Cyl. 456 Diesel		
2000-1999		
	1001-13	1501-13
1997-1993		
	1001-13	1501-13

Application	Standard	Safety
Ford-New Holland (Continued)		
Tractors (Continued)		
8970		
Genesis 6-Cyl. 456 Diesel		
2000-1998		
	1001-13	1501-13
9682		
Cummins N14 Diesel		
1997-1995		
	1001-07	1501-07
TW15		
Ford 6-Cyl. 401 Diesel		
1989		
	1001-09	1501-09
1988-1987		
	1001-07	1501-07
TW25		
Ford 6-Cyl. 401 Diesel		
1989		
	1001-09	1501-09
1988-1987		
	1001-07	1501-07
TW35		
Ford 6-Cyl. 401 Diesel		
1989		
	1001-09	1501-09
1988-1987		
	1001-07	1501-07
TW5		
Ford 6-Cyl. 401 Diesel		
1988-1987		
	1001-07	1501-07
Gleaner		
Combines		
C62		
Cummins 6-Cyl. 8.3 L Diesel		
1999-1998		
	1001-13	1501-13
F2		
Allis-Chalmers 4-Cyl. 200 Diesel		
1981-1980		
	1006-07	1506-07
F3		
Allis-Chalmers 4-Cyl. 200 Diesel		
1987		
	1006-07	1506-07
1985		
	1006-07	1506-07
L2		
Allis-Chalmers 6-Cyl. 301 Diesel		
1982		
	1001-16	1501-16
1980		
	1001-16	1501-16
Allis-Chalmers 6-Cyl. 426 Diesel		
1982		
	1001-16	1501-16
1980		
	1001-16	1501-16
L3		
Allis-Chalmers 6-Cyl. 301 Diesel		
1987		
	1001-16	1501-16
1985		
	1001-16	1501-16
1983		
	1001-16	1501-16

Radiator Cap Applications

Application	Standard	Safety
Gleaner (Continued)		
Combines (Continued)		
L3 (Continued)		
Allis-Chalmers 6-Cyl. 426 Diesel		
1987		
	1001-16	1501-16
1985		
	1001-16	1501-16
1983		
	1001-16	1501-16
M2		
Allis-Chalmers 6-Cyl. 301 Diesel		
1981		
	1001-16	1501-16
M3		
Allis-Chalmers 6-Cyl. 301 Diesel		
1984		
	1001-16	1501-16
Allis-Chalmers 6-Cyl. 426 Diesel		
1984		
	1001-16	1501-16
N5		
Allis-Chalmers 6-Cyl. 426 Diesel		
1985		
	1001-16	1501-16
1981-1980		
	1001-16	1501-16
N6		
Allis-Chalmers 6-Cyl. 426 Diesel		
1983-1982		
	1001-16	1501-16
N7		
Allis-Chalmers 6-Cyl. 516 Diesel		
1981-1980		
	1001-16	1501-16
R52		
Cummins 6-Cyl. 8.3 L Diesel		
1997-1996		
	1001-13	1501-13
R6		
Allis-Chalmers 6-Cyl. 426 Diesel		
1987		
	1001-16	1501-16
R62		
Cummins 6-Cyl. 8.3 L Diesel		
2001-1996		
	1001-13	1501-13
GMC		
Light Trucks		
C2500		
V8 - 5.7L		
2000		
	1008-16	1508-16
V8 - 6.5L		
2000		
	1001-16	1501-16
V8 - 7.4L		
2000		
	1008-16	1508-16
C3500		
V8 - 5.7L		
2000		
	1008-16	1508-16
V8 - 6.5L		
2002		
	1001-16	1501-16
2001		
	1005-16	
2000		
	1001-16	1501-16

Application	Standard	Safety
GMC (Continued)		
Light Trucks (Continued)		
C3500 (Continued)		
V8 - 7.4L		
2000		
	1008-16	1508-16
V8 - 8.1L		
2002-2001		
	1008-16	1508-16
K2500		
V8 - 5.7L		
2000		
	1008-16	1508-16
V8 - 6.5L		
2000		
	1001-16	1501-16
V8 - 7.4L		
2000		
	1008-16	1508-16
K3500		
V8 - 5.7L		
2000		
	1008-16	1508-16
V8 - 6.5L		
2000		
	1001-16	1501-16
V8 - 7.4L		
2000		
	1008-16	1508-16
Safari		
V6 - 4.3L		
2005-2000		
	1008-16	1508-16
Savana 1500		
V6 - 4.3L		
2008-2003		
	1005-16	
2002-2000		
	1008-16	1508-16
V8 - 5.0L		
2002-2000		
	1008-16	1508-16
V8 - 5.3L		
2008-2003		
	1005-16	
V8 - 5.7L		
2002-2000		
	1008-16	1508-16
Savana 2500		
V6 - 4.3L		
2005-2003		
	1005-16	
2002-2000		
	1008-16	1508-16
V8 - 4.8L		
2008-2003		
	1005-16	
V8 - 5.0L		
2002-2000		
	1008-16	1508-16
V8 - 5.3L		
2005-2003		
	1005-16	
V8 - 5.7L		
2002-2000		
	1008-16	1508-16
V8 - 6.0L		
2008-2003		
	1005-16	

Radiator Cap Applications

Application	Standard	Safety
GMC (Continued)		
Light Trucks (Continued)		
Savana 2500 (Continued)		
V8 - 6.5L		
2002		
	1001-16	1501-16
2001		
	1005-16	
2000		
	1008-16	1508-16
V8 - 6.6L		
2008-2006		
	1005-16	
Savana 3500		
V8 - 4.8L		
2008-2004		
	1005-16	
V8 - 5.7L		
2002-2000		
	1008-16	1508-16
V8 - 6.0L		
2008-2003		
	1005-16	
V8 - 6.5L		
2002		
	1001-16	1501-16
2001		
	1005-16	
2000		
	1008-16	1508-16
V8 - 6.6L		
2008-2006		
	1005-16	
V8 - 7.4L		
2000		
	1008-16	1508-16
V8 - 8.1L		
2002-2001		
	1008-16	1508-16
Sierra 1500		
V6 - 4.3L		
2008-2000		
	1005-16	
V8 - 4.8L		
2008-2000		
	1005-16	
V8 - 5.3L		
2008-2000		
	1005-16	
V8 - 6.0L		
2008-2006		
	1005-16	
Sierra 1500 HD		
V8 - 6.0L		
2007-2005		
	1005-16	
2003-2001		
	1005-16	
Sierra 2500		
V8 - 5.3L		
2000		
	1005-16	
V8 - 6.0L		
2004-2000		
	1005-16	
Sierra 2500 HD		
V8 - 6.0L		
2008-2001		
	1005-16	
V8 - 6.6L		
2008-2001		
	1005-16	

Application	Standard	Safety
GMC (Continued)		
Light Trucks (Continued)		
Sierra 2500 HD (Continued)		
V8 - 8.1L		
2007-2001		
	1005-16	
Sierra 3500		
V8 - 6.0L		
2007-2001		
	1005-16	
V8 - 6.6L		
2007-2001		
	1005-16	
V8 - 8.1L		
2007-2001		
	1005-16	
Sierra 3500 HD		
V8 - 6.0L		
2008-2007		
	1005-16	
V8 - 6.6L		
2008-2007		
	1005-16	
Sierra C3		
V8 - 6.0L		
2001		
	1005-16	
Sierra Denali		
V8 - 6.0L		
2007-2002		
	1005-16	
Medium/Heavy Trucks		
C5000		
GM 6-Cyl. 4.8 L		
1986-1980		
	1001-09	1501-09
GM V-8 5.7 L		
1990-1980		
	1001-09	1501-09
GM V-8 6.0 L		
1990		
	1001-09	1501-09
C5500		
Caterpillar 3116 Diesel		
1999		
	1001-09	1501-09
Caterpillar 3126 Diesel		
2002-1998		
	1001-09	1501-09
GM V-8 6.0 L		
1998-1997		
	1001-09	1501-09
GM V-8 7.0 L		
1998-1997		
	1001-09	1501-09
GM V-8 7.4 L		
2000		
	1001-09	1501-09
GM V-8 8.1 L		
2002-2001		
	1001-09	1501-09
C6000		
Caterpillar 3116 Diesel		
1990		
	1001-09	1501-09
Caterpillar 3208 Diesel		
1982-1980		
	1001-09	1501-09
Detroit Diesel 4-53 Diesel		
1981-1980		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
GMC (Continued)		
Medium/Heavy Trucks (Continued)		
C6000 (Continued)		
Detroit Diesel V-8 8.2 L Diesel 1989-1980		
	1001-09	1501-09
GM 6-Cyl. 4.8 L 1986-1980		
	1001-09	1501-09
GM V-8 5.7 L 1990-1980		
	1001-09	1501-09
GM V-8 6.0 L 1990-1980		
	1001-09	1501-09
C6500		
Caterpillar 3116 Diesel 2000-1997		
	1001-09	1501-09
Caterpillar 3126 Diesel 2002-1998		
	1001-09	1501-09
GM V-8 6.0 L 1998-1997		
	1001-09	1501-09
GM V-8 7.0 L 1998-1997		
	1001-09	1501-09
GM V-8 7.4 L 2000		
	1001-09	1501-09
GM V-8 8.1 L 2002-2001		
	1001-09	1501-09
C7000		
Caterpillar 3116 Diesel 1990		
	1001-09	1501-09
Caterpillar 3208 Diesel 1982-1980		
	1001-09	1501-09
Cummins VT225 Diesel 1982-1980		
	1001-09	1501-09
Detroit Diesel 4-53 Diesel 1981-1980		
	1001-09	1501-09
Detroit Diesel V-8 8.2 L Diesel 1990-1980		
	1001-09	1501-09
GM V-8 6.0 L 1990-1980		
	1001-09	1501-09
GM V-8 7.0 L 1990-1980		
	1001-09	1501-09
GM V-8 7.4 L 1981-1980		
	1001-09	1501-09
C7500		
Caterpillar 3116 Diesel 2000-1997		
	1001-09	1501-09
Caterpillar 3126 Diesel 2002-1998		
	1001-09	1501-09
GM V-8 6.0 L 1998-1997		
	1001-09	1501-09
GM V-8 7.0 L 1998-1997		
	1001-09	1501-09

Application	Standard	Safety
GMC (Continued)		
Medium/Heavy Trucks (Continued)		
C7500 (Continued)		
GM V-8 7.4 L 2000		
	1001-09	1501-09
GM V-8 8.1 L 2002-2001		
	1001-09	1501-09
Forward W6		
Isuzu 6BD1 Diesel 1987		
	1001-07	1501-07
Forward W7		
Isuzu 6BD1 Diesel 1987-1984		
	1001-07	1501-07
Isuzu 6SA1 Diesel 1987-1986		
	1001-07	1501-07
P3500		
GM V-8 6.5 L Diesel 1996-1994		
	1001-16	1501-16
P4T042		
GM 6-Cyl. 4.8 L 1988-1980		
	1001-16	1501-16
P6S042		
Caterpillar 3116 Diesel 1996-1995		
	1001-09	1501-09
P6T042		
Detroit Diesel V-8 8.2 L Diesel 1990-1983		
	1001-09	1501-09
GM V-8 5.7 L 1990-1983		
	1001-09	1501-09
GM V-8 6.0 L 1990-1983		
	1001-09	1501-09
GM V-8 7.0 L 1990-1987		
	1001-09	1501-09
T7500		
Caterpillar 3116 Diesel 1998		
	1001-09	1501-09
Caterpillar 3126 Diesel 1998		
	1001-09	1501-09
GM V-8 6.0 L 1998		
	1001-09	1501-09
Topkick C5500		
GM V-8 6.0 L 1996-1991		
	1001-09	1501-09
GM V-8 7.0 L 1996-1991		
	1001-09	1501-09
Topkick C6500		
Caterpillar 3116 Diesel 1996-1991		
	1001-09	1501-09
GM V-8 6.0 L 1996-1991		
	1001-09	1501-09
GM V-8 7.0 L 1996-1991		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
GMC (Continued)		
Medium/Heavy Trucks (Continued)		
Topkick C7500		
Caterpillar 3116 Diesel		
1996-1991		
	1001-09	1501-09
GM V-8 6.0 L		
1996-1991		
	1001-09	1501-09
GM V-8 7.0 L		
1996-1991		
	1001-09	1501-09
Topkick C8500		
Caterpillar 3116 Diesel		
1996-1991		
	1001-09	1501-09
GM V-8 6.0 L		
1995-1991		
	1001-09	1501-09
GM V-8 7.0 L		
1995-1991		
	1001-09	1501-09
W6		
GM V-8 5.7 L		
1980		
	1001-09	1501-09
GM V-8 6.0 L		
1980		
	1001-09	1501-09
W7		
GM V-8 6.0 L		
1980		
	1001-09	1501-09
GM V-8 7.0 L		
1980		
	1001-09	1501-09
School Buses		
B6000 B6P Series		
Detroit Diesel V-8 8.2 L Diesel		
1991-1980		
	1001-09	1501-09
GM V-8 5.7 L		
1990-1980		
	1001-09	1501-09
GM V-8 6.0 L		
1991-1980		
	1001-09	1501-09
GM V-8 7.0 L		
1985-1980		
	1001-09	1501-09
B7 Series		
Caterpillar 3116 Diesel		
1998-1993		
	1001-09	1501-09
Caterpillar 3126 Diesel		
2000-1998		
	1001-09	1501-09
GM V-8 6.0 L		
1998-1993		
	1001-09	1501-09
GM V-8 6.5 L Diesel		
1998-1997		
	1001-09	1501-09
GM V-8 7.0 L		
1998-1993		
	1001-09	1501-09
GM V-8 7.4 L		
2000-1999		
	1001-09	1501-09

Application	Standard	Safety
GMC (Continued)		
School Buses (Continued)		
S7000 S7T Series		
Detroit Diesel V-8 8.2 L Diesel		
1992-1988		
	1001-09	1501-09
GM V-8 6.0 L		
1992-1988		
	1001-09	1501-09
Hesston		
Tractors		
100-90		
Fiat 6-Cyl. 331 Diesel		
1990-1989		
	1001-09	1501-09
1984		
	1001-07	1501-07
1180DT		
Fiat 6-Cyl. 335 Diesel		
1983		
	1001-07	1501-07
130-90		
Fiat 6-Cyl. 358 Diesel		
1984		
	1001-07	1501-07
1380DT		
Fiat 6-Cyl. 335 Diesel		
1983		
	1001-07	1501-07
140-90		
Fiat 6-Cyl. 358 Diesel		
1984		
	1001-07	1501-07
160-90		
Fiat 6-Cyl. 494 Diesel		
1984		
	1001-07	1501-07
180-90		
Fiat 6-Cyl. 494 Diesel		
1989		
	1001-09	1501-09
1984		
	1001-07	1501-07
45-66		
Fiat 3-Cyl. 165 Diesel		
1987		
	1001-07	1501-07
55-56		
Fiat 3-Cyl. 165 Diesel		
1989		
	1001-09	1501-09
566		
Fiat 3-Cyl. 168 Diesel		
1984-1983		
	1001-07	1501-07
60-66		
Fiat 3-Cyl. 179 Diesel		
1985		
	1001-07	1501-07
70-66		
Fiat 4-Cyl. 220 Diesel		
1989		
	1001-09	1501-09
1985		
	1001-07	1501-07
780DT		
Fiat 4-Cyl. 224 Diesel		
1983		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
Hesston (Continued)		
Tractors (Continued)		
80-66		
Fiat 4-Cyl. 238 Diesel		
1990-1989		
	1001-09	1501-09
880-5		
Fiat 5-Cyl. 280 Diesel		
1984		
	1001-07	1501-07
980		
Fiat 6-Cyl. 316 Diesel		
1982-1981		
	1001-07	1501-07
International Harvester		
Combines		
1440		
IH 6-Cyl. 436 Diesel		
1984-1983		
	1001-07	1501-07
1460		
IH 6-Cyl. 436 Diesel		
1984-1983		
	1001-07	1501-07
1480		
IH DT466 Diesel		
1984-1983		
	1001-07	1501-07
Tractors		
1086		
IH 6-Cyl. 414 Diesel		
1980		
	1001-09	1501-09
1486		
IH 6-Cyl. 436 Diesel		
1980		
	1001-09	1501-09
1586		
IH 6-Cyl. 436 Diesel		
1980		
	1001-09	1501-09
186 Hydro		
IH 6-Cyl. 436 Diesel		
1980		
	1001-09	1501-09
234		
Mitsubishi 3-Cyl. 52 Diesel		
1988-1982		
	1001-13	1501-13
254		
Mitsubishi 3-Cyl. 65 Diesel		
1985-1982		
	1001-13	1501-13
3088		
IH 6-Cyl. 358 Diesel		
1985-1982		
	1001-09	1501-09
3488		
IH 6-Cyl. 466 Diesel		
1985-1982		
	1001-09	1501-09
3688		
IH 6-Cyl. 436 Diesel		
1984		
	1001-09	1501-09
384		
IH 4-Cyl. 154 Diesel		
1980		
	1006-10	1506-10

Application	Standard	Safety
International Harvester (Continued)		
Tractors (Continued)		
5088		
IH 6-Cyl. 436 Diesel		
1984-1982		
	1001-09	1501-09
5288		
IH 6-Cyl. 466 Diesel		
1984		
	1001-09	1501-09
5488		
IH 6-Cyl. 466 Diesel		
1984-1982		
	1001-09	1501-09
6588		
IH 6-Cyl. 466 Diesel		
1984		
	1001-09	1501-09
684		
IH 4-Cyl. 239 Diesel		
1984-1983		
	1001-09	1501-09
1981-1980		
	1001-07	1501-07
784		
IH 4-Cyl. 246 Diesel		
1984-1983		
	1001-09	1501-09
84 Hydro		
IH 4-Cyl. 246 Diesel		
1985		
	1001-07	1501-07
1980		
	1001-07	1501-07
884		
IH 4-Cyl. 268 Diesel		
1984-1983		
	1001-09	1501-09
1981-1980		
	1001-07	1501-07
886		
IH 6-Cyl. 360 Diesel		
1980		
	1001-09	1501-09
986		
IH 6-Cyl. 436 Diesel		
1980		
	1001-09	1501-09
International/Navistar		
Medium/Heavy Trucks		
1654		
International/Navistar V-8 9.0 L Diesel		
1981		
	1001-13	1501-13
1754		
International/Navistar V-8 9.0 L Diesel		
1981-1980		
	1001-13	1501-13
1824		
International/Navistar MV404		
1980		
	1001-13	1501-13
International/Navistar MV446		
1981-1980		
	1001-13	1501-13
International/Navistar V345		
1980		
	1001-13	1501-13
International/Navistar V392		
1980		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
International/Navistar (Continued)		
Medium/Heavy Trucks (Continued)		
1854		
Caterpillar 3208 Diesel 1981-1980		
	1001-13	1501-13
International/Navistar DT466 Diesel 1981-1980		
	1001-13	1501-13
International/Navistar V-8 9.0 L Diesel 1981-1980		
	1001-13	1501-13
1924		
International/Navistar MV446 1981-1980		
	1001-13	1501-13
1925		
International/Navistar MV446 1981-1980		
	1001-13	1501-13
1954		
Caterpillar 3208 Diesel 1981-1980		
	1001-13	1501-13
International/Navistar DT466 Diesel 1981-1980		
	1001-13	1501-13
1955		
Caterpillar 3208 Diesel 1981-1980		
	1001-13	1501-13
International/Navistar DT466 Diesel 1981		
	1001-13	1501-13
International/Navistar V-8 9.0 L Diesel 1981-1980		
	1001-13	1501-13
2125		
International/Navistar V537 1981-1980		
	1001-13	1501-13
2275		
Caterpillar 3406 Diesel 1982-1980		
	1001-13	1501-13
Cummins 6-Cyl. 14.0 L Diesel 1988-1986		
	1001-13	1501-13
1982		
	1001-13	1501-13
Detroit Diesel 6-71 Diesel 1981-1980		
	1001-13	1501-13
Detroit Diesel 6V-92 Diesel 1981-1980		
	1001-13	1501-13
Detroit Diesel 8V-71 Diesel 1981-1980		
	1001-13	1501-13
2276		
Cummins 6-Cyl. 14.0 L Diesel 1989-1987		
	1001-13	1501-13
Detroit Diesel 6-71 Diesel 1985-1983		
	1001-13	1501-13
Detroit Diesel 6V-92 Diesel 1988-1987		
	1001-13	1501-13
Detroit Diesel 8V-71 Diesel 1985-1983		
	1001-13	1501-13

Application	Standard	Safety
International/Navistar (Continued)		
Medium/Heavy Trucks (Continued)		
2524		
International/Navistar V537 1981-1980		
	1001-13	1501-13
2554		
Caterpillar 3208 Diesel 1981-1980		
	1001-13	1501-13
International/Navistar DT466 Diesel 1990-1980		
	1001-13	1501-13
2574		
Caterpillar 3406 Diesel 1982-1980		
	1001-13	1501-13
Cummins 6-Cyl. 14.0 L Diesel 1990-1987		
	1001-13	1501-13
1982		
	1001-13	1501-13
Cummins L10 Diesel 1990-1984		
	1001-13	1501-13
Detroit Diesel 6-71 Diesel 1987-1980		
	1001-13	1501-13
Detroit Diesel 6V-92 Diesel 1988		
	1001-13	1501-13
1981-1980		
	1001-13	1501-13
Detroit Diesel 8V-71 Diesel 1984-1980		
	1001-13	1501-13
2575		
Cummins 6-Cyl. 14.0 L Diesel 1989-1987		
	1001-13	1501-13
1982		
	1001-13	1501-13
1980		
	1001-13	1501-13
Cummins L10 Diesel 1989-1984		
	1001-13	1501-13
Detroit Diesel 6-71 Diesel 1986-1980		
	1001-13	1501-13
Detroit Diesel 6V-92 Diesel 1988		
	1001-13	1501-13
1981-1980		
	1001-13	1501-13
Detroit Diesel 8V-71 Diesel 1984-1980		
	1001-13	1501-13
4700		
International/Navistar DT360 Diesel 1992		
	1001-09	1501-09
4800		
International/Navistar DT360 Diesel 1992		
	1001-09	1501-09
F2276		
Cummins 6-Cyl. 14.0 L Diesel 1989		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
International/Navistar (Continued)		
Medium/Heavy Trucks (Continued)		
F2575		
Cummins 6-Cyl. 14.0 L Diesel 1987		
	1001-13	1501-13
Detroit Diesel 6-71 Diesel 1981		
	1001-13	1501-13
Isuzu		
Medium/Heavy Trucks		
EVR		
Isuzu 6BG1 Diesel 1992		
	1001-07	1501-07
Isuzu 6SA1 Diesel 1991-1988		
	1001-07	1501-07
FRR		
Isuzu 6HE1-TC Diesel 1997-1995		
	1001-07	1501-07
Isuzu 6HK1-TC Diesel 2001-2000		
	1001-07	1501-07
FSR		
Isuzu 6BD1 Diesel 1991-1987		
	1001-07	1501-07
Isuzu 6BG1 Diesel 1995-1987		
	1001-07	1501-07
Isuzu 6HE1-TC Diesel 1999-1997		
	1001-09	1501-09
1996-1995		
	1001-07	1501-07
Isuzu 6HK1-TC Diesel 2000-1999		
	1001-09	1501-09
FTR		
Isuzu 6BD1 Diesel 1992-1987		
	1001-07	1501-07
Isuzu 6BG1 Diesel 1994-1987		
	1001-07	1501-07
Isuzu 6HE1-TC Diesel 1996		
	1001-07	1501-07
Isuzu 6HK1-TC Diesel 2002-1998		
	1001-09	1501-09
FVR		
Isuzu 6BG1 Diesel 1994-1988		
	1001-07	1501-07
Isuzu 6HE1-TC Diesel 1996-1995		
	1001-07	1501-07
Isuzu 6HK1-TC Diesel 2000-1998		
	1001-09	1501-09
Isuzu 6SA1 Diesel 1991-1988		
	1001-07	1501-07
NPR		
GM V-8 5.7 L 1998-1993		
	1007-16	1507-16

Application	Standard	Safety
Isuzu (Continued)		
Medium/Heavy Trucks (Continued)		
NPR (Continued)		
Isuzu 4BD1 Diesel 1991		
	1007-16	1507-16
Isuzu 4BD1-T Diesel 1989		
	1001-16	1501-16
Isuzu 4BD2-TC Diesel 1993-1992		
	1007-16	1507-16
John Deere		
Combines		
4420		
John Deere 6-Cyl. 359 Diesel 1986-1980		
	1006-07	1506-07
4425		
John Deere 6-Cyl. 359 Diesel 1988-1986		
	1001-07	1501-07
4435		
John Deere 6-Cyl. 359 Diesel 1995-1989		
	1001-07	1501-07
6620		
John Deere 6-Cyl. 466 Diesel 1989-1980		
	1006-07	1506-07
7720		
John Deere 6-Cyl. 466 Diesel 1989-1980		
	1006-15	1506-15
8820		
John Deere 6-Cyl. 466 Diesel 1989-1980		
	1006-15	1506-15
9400 Combine		
John Deere 6068T Powertech Diesel 1997-1989		
	1006-07	1506-07
9500		
John Deere 6-Cyl. 7.6 L Diesel 1997-1989		
	1006-07	1506-07
9550		
John Deere 6081 Powertech Diesel 2002-1999		
	1006-10	1506-10
9600		
John Deere 6-Cyl. 7.6 L Diesel 1997-1989		
	1006-07	1506-07
9650 STS		
John Deere 6-Cyl. 8.1 L Diesel 2002-1999		
	1006-10	1506-10
9750 STS		
John Deere 6-Cyl. 8.1 L Diesel 2002-1999		
	1006-10	1506-10
Harvesters		
6850		
John Deere 6-Cyl. 12.5 L Diesel 2002-1998		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
John Deere (Continued)		
Tractors		
1050		
Yanmar 3-Cyl. 105 Diesel		
1989		
	1007-13	1507-13
1988-1987		
	1001-13	1501-13
1983-1980		
	1001-13	1501-13
1070		
Yanmar 4-Cyl. 116 Diesel		
1998-1989		
	1007-13	1507-13
1450		
Yanmar 4-Cyl. 190 Diesel		
1984		
	1001-13	1501-13
2155		
John Deere 3-Cyl. 179 Diesel		
1988-1987		
	1001-07	1501-07
2305		
Yanmar 3-Cyl. 68 Diesel		
2007		
	1007-13	1507-13
2355		
John Deere 4-Cyl. 239 Diesel		
1988-1987		
	1001-07	1501-07
2550		
John Deere 4-Cyl. 239 Diesel		
1985		
	1001-07	1501-07
1984-1983		
	1006-07	1506-07
2555		
John Deere 4-Cyl. 239 Diesel		
1989		
	1001-09	1501-09
1988-1987		
	1001-07	1501-07
2750		
John Deere 4-Cyl. 239 Diesel		
1984-1983		
	1006-07	1506-07
2755		
John Deere 4-Cyl. 239 Diesel		
1989		
	1001-09	1501-09
1988-1987		
	1001-07	1501-07
2940		
John Deere 6-Cyl. 359 Diesel		
1981-1980		
	1002-07	
2950		
John Deere 6-Cyl. 359 Diesel		
1985		
	1001-07	1501-07
1984-1983		
	1002-07	
2955		
John Deere 6-Cyl. 359 Diesel		
1988-1987		
	1001-07	1501-07
3150		
John Deere 6-Cyl. 359 Diesel		
1985		
	1001-07	1501-07

Application	Standard	Safety
John Deere (Continued)		
Tractors (Continued)		
3155		
John Deere 6-Cyl. 359 Diesel		
1988-1987		
	1001-07	1501-07
3320		
Yanmar 3-Cyl. 100 Diesel		
2007		
	1001-13	1501-13
4040		
John Deere 6-Cyl. 404 Diesel		
1980		
	1002-07	
4100		
Yanmar 3-Cyl. 61 Diesel		
1999-1998		
	1007-13	1507-13
4440		
John Deere 6-Cyl. 466 Diesel		
1980		
	1002-07	
4500		
Yanmar 4-Cyl. 121 Diesel		
2001		
	1001-13	1501-13
1998		
	1001-13	1501-13
4700		
Yanmar 4-Cyl. 134 Diesel		
2001-2000		
	1001-13	1501-13
4720		
John Deere 4-Cyl. 149 Diesel		
2007-2006		
	1001-13	1501-13
5103		
John Deere 3-Cyl. 179 Diesel		
2007		
	1001-16	1501-16
5105		
John Deere 3-Cyl. 179 Diesel		
2000-1999		
	1001-13	1501-13
5200		
John Deere 3-Cyl. 179 Diesel		
1997-1992		
	1001-07	1501-07
5205		
John Deere 3-Cyl. 179 Diesel		
2007-2006		
	1001-13	1501-13
2001		
	1001-13	1501-13
1999		
	1001-13	1501-13
5300		
John Deere 3-Cyl. 179 Diesel		
1997-1992		
	1001-07	1501-07
5303		
John Deere 3-Cyl. 179 Diesel		
2007		
	1001-16	1501-16
5320		
John Deere 3-Cyl. 179 Diesel		
2002		
	1001-13	1501-13
5400		
John Deere 3-Cyl. 179 Diesel		
1997-1992		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
John Deere (Continued)		
Tractors (Continued)		
5403		
John Deere 3-Cyl. 179 Diesel		
2007		
	1001-16	1501-16
5500		
John Deere 4-Cyl. 239 Diesel		
1997		
	1001-09	1501-09
1996		
	1001-07	1501-07
5520		
John Deere 4-Cyl. 276 Diesel		
2001		
	1001-13	1501-13
650		
Yanmar 2-Cyl. 52 Diesel		
1987		
	1001-13	1501-13
1982-1981		
	1001-13	1501-13
655		
Yanmar 3-Cyl. 40 Diesel		
1988-1987		
	1001-13	1501-13
670		
Yanmar 3-Cyl. 54 Diesel		
1989		
	1007-13	1507-13
750		
Yanmar 3-Cyl. 78 Diesel		
1988-1987		
	1001-13	1501-13
1985		
	1001-13	1501-13
1983-1981		
	1001-13	1501-13
755		
Yanmar 3-Cyl. 54 Diesel		
1998		
	1001-13	1501-13
1993-1991		
	1001-13	1501-13
1988-1987		
	1001-13	1501-13
7600		
John Deere 6-Cyl. 414 Diesel		
1995		
	1001-09	1501-09
1992		
	1001-09	1501-09
7610		
John Deere 6-Cyl. 414 Diesel		
1999-1996		
	1001-09	1501-09
770		
Yanmar 3-Cyl. 83 Diesel		
1997		
	1007-13	1507-13
1992-1990		
	1007-13	1507-13
7710		
John Deere 6-Cyl. 8.1 L Diesel		
2003-1996		
	1001-09	1501-09
7800		
John Deere 6-Cyl. 466 Diesel		
1995		
	1001-09	1501-09
1992		
	1001-09	1501-09

Application	Standard	Safety
John Deere (Continued)		
Tractors (Continued)		
7810		
John Deere 6-Cyl. 8.1 L Diesel		
2003-1996		
	1001-09	1501-09
790		
Yanmar 3-Cyl. 91 Diesel		
1999-1998		
	1007-13	1507-13
8100		
John Deere 6-Cyl. 466 Diesel		
1996-1995		
	1001-09	1501-09
John Deere 6-Cyl. 8.1 L Diesel		
1999-1997		
	1001-09	1501-09
8100T		
John Deere 6-Cyl. 8.1 L Diesel		
1999-1997		
	1001-09	1501-09
8110		
John Deere 6-Cyl. 8.1 L Diesel		
1999		
	1001-09	1501-09
8200		
John Deere 6-Cyl. 8.1 L Diesel		
1999-1995		
	1001-09	1501-09
8200T		
John Deere 6-Cyl. 8.1 L Diesel		
1999-1997		
	1001-09	1501-09
8300		
John Deere 6-Cyl. 466 Diesel		
1996-1995		
	1001-09	1501-09
John Deere 6-Cyl. 8.1 L Diesel		
1999-1997		
	1001-09	1501-09
8300T		
John Deere 6-Cyl. 8.1 L Diesel		
1999-1997		
	1001-09	1501-09
8310		
John Deere 6-Cyl. 8.1 L Diesel		
2000-1999		
	1001-09	1501-09
8320		
John Deere 6-Cyl. 8.1 L Diesel		
2002		
	1001-09	1501-09
8400		
John Deere 6-Cyl. 8.1 L Diesel		
1999-1995		
	1001-09	1501-09
8400T		
John Deere 6-Cyl. 8.1 L Diesel		
1999-1997		
	1001-09	1501-09
8410		
John Deere 6-Cyl. 8.1 L Diesel		
2000		
	1001-09	1501-09
8420		
John Deere 6-Cyl. 8.1 L Diesel		
2002		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
John Deere (Continued)		
Tractors (Continued)		
850		
Yanmar 3-Cyl. 78 Diesel		
1987		
	1001-13	1501-13
1984-1982		
	1001-13	1501-13
855		
Yanmar 3-Cyl. 61 Diesel		
1998		
	1001-13	1501-13
1995		
	1001-13	1501-13
1990		
	1001-13	1501-13
1988-1987		
	1001-13	1501-13
8650		
John Deere 6-Cyl. 619 Diesel		
1987-1986		
	1006-15	1506-15
870		
Yanmar 3-Cyl. 87 Diesel		
1998-1989		
	1007-13	1507-13
8760		
John Deere 6-Cyl. 619 Diesel		
1989		
	1006-15	1506-15
8870		
John Deere 6-Cyl. 619 Diesel		
1994		
	1001-09	1501-09
8970		
Cummins 6-Cyl. 855 Diesel		
1995-1994		
	1001-09	1501-09
9200		
John Deere 6-Cyl. 10.5 L Diesel		
1998-1996		
	1001-09	1501-09
John Deere 6-Cyl. 12.5 L Diesel		
1998-1996		
	1001-09	1501-09
9400		
John Deere 6-Cyl. 12.5 L Diesel		
1998-1996		
	1001-09	1501-09
950		
Yanmar 3-Cyl. 105 Diesel		
1988-1987		
	1001-13	1501-13
1985		
	1001-13	1501-13
1983-1982		
	1001-13	1501-13
1980		
	1001-13	1501-13
955		
Yanmar 3-Cyl. 87 Diesel		
1999-1994		
	1001-13	1501-13
1992-1990		
	1001-13	1501-13

Application	Standard	Safety
John Deere (Continued)		
Tractors (Continued)		
970		
Yanmar 4-Cyl. 111 Diesel		
1998-1992		
	1007-13	1507-13
1991		
	1001-09	1501-09
1990-1989		
	1007-13	1507-13
Windrowers		
2320SP		
Chrysler 6-Cyl. 225		
1985-1980		
	1002-07	
Kubota		
Tractors		
B1550		
Kubota 3-Cyl. 52 Diesel		
1998		
	1007-13	1507-13
B1700		
Kubota 3-Cyl. 55 Diesel		
1998-1997		
	1007-13	1507-13
B1750		
Kubota 3-Cyl. 57 Diesel		
1994-1988		
	1001-13	1501-13
B20		
Kubota D950AT Diesel		
1998-1990		
	1001-13	1501-13
B21		
Kubota 3-Cyl. 61 Diesel		
2001-1999		
	1007-13	1507-13
B2100		
Kubota 3-Cyl. 61 Diesel		
1998-1995		
	1007-13	1507-13
B2150		
Kubota 4-Cyl. 75 Diesel		
1997-1988		
	1001-13	1501-13
B2400		
Kubota 3-Cyl. 68 Diesel		
1998-1995		
	1007-13	1507-13
B2710		
Kubota 4-Cyl. 82 Diesel		
2001		
	1007-13	1507-13
1999		
	1007-13	1507-13
B3030		
Kubota 4-Cyl. 92 Diesel		
2007		
	1007-13	1507-13
B4200		
Kubota 2-Cyl. 35 Diesel		
1990-1987		
	1001-13	1501-13
B5100		
Kubota 2-Cyl. 31 Diesel		
1981-1980		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Kubota (Continued)		
Tractors (Continued)		
B5200		
Kubota 3-Cyl. 46 Diesel		
1988-1985		
	1001-13	1501-13
1983		
	1001-13	1501-13
B6100		
Kubota 3-Cyl. 41 Diesel		
1980		
	1001-13	1501-13
B6200		
Kubota 3-Cyl. 52 Diesel		
1986		
	1001-13	1501-13
B7100		
Kubota 3-Cyl. 47 Diesel		
1998		
	1001-13	1501-13
1986		
	1001-13	1501-13
1980		
	1001-13	1501-13
B7200		
Kubota 3-Cyl. 57 Diesel		
1990		
	1001-13	1501-13
1986		
	1001-13	1501-13
B7510		
Kubota 3-Cyl. 61 Diesel		
2006		
	1007-13	1507-13
B7800		
Kubota 4-Cyl. 91 Diesel		
2006		
	1007-13	1507-13
2003		
	1007-13	1507-13
B8200		
Kubota 3-Cyl. 57 Diesel		
1986		
	1001-13	1501-13
BX1800		
Kubota 3-Cyl. 44 Diesel		
2000		
	1007-13	1507-13
BX24		
Kubota 3-Cyl. 55 Diesel		
2008-2007		
	1007-13	1507-13
L185		
Kubota 2-Cyl. 45 Diesel		
1980		
	1001-13	1501-13
L2050		
Kubota 3-Cyl. 68 Diesel		
1990-1989		
	1001-13	1501-13
L2250		
Kubota 3-Cyl. 79 Diesel		
1990-1986		
	1001-13	1501-13
L235		
Kubota 3-Cyl. 68 Diesel		
1984-1983		
	1001-13	1501-13
1981		
	1001-13	1501-13

Application	Standard	Safety
Kubota (Continued)		
Tractors (Continued)		
L2350		
Kubota 3-Cyl. 68 Diesel		
1997-1994		
	1001-13	1501-13
L245		
Kubota 3-Cyl. 68 Diesel		
1986		
	1001-13	1501-13
1980		
	1001-13	1501-13
L2500		
Kubota 3-Cyl. 85 Diesel		
1999-1998		
	1001-13	1501-13
L2550		
Kubota 3-Cyl. 85 Diesel		
1991		
	1001-13	1501-13
1986		
	1001-13	1501-13
L2650		
Kubota 3-Cyl. 85 Diesel		
1992		
	1001-13	1501-13
L275		
Kubota 3-Cyl. 79 Diesel		
1984-1981		
	1001-13	1501-13
L285		
Kubota 4-Cyl. 91 Diesel		
1980		
	1001-13	1501-13
L2850		
Kubota 4-Cyl. 106 Diesel		
1992		
	1001-13	1501-13
1990-1989		
	1001-13	1501-13
1987-1985		
	1001-13	1501-13
L2900		
Kubota 3-Cyl. 91 Diesel		
1999-1994		
	1007-13	1507-13
L295		
Kubota 3-Cyl. 79 Diesel		
1980		
	1001-13	1501-13
L3000		
Kubota 3-Cyl. 91 Diesel		
2001		
	1003-13	1503-13
L3010		
Kubota 3-Cyl. 91 Diesel		
2000-1998		
	1007-13	1507-13
L305		
Kubota 3-Cyl. 79 Diesel		
1983-1982		
	1001-13	1501-13
1980		
	1001-13	1501-13
L3130		
Kubota 3-Cyl. 91 Diesel		
2006		
	1003-13	1503-13
L3240		
Kubota 3-Cyl. 101 Diesel		
2008-2007		
	1003-13	1503-13

Radiator Cap Applications

Application	Standard	Safety
Kubota (Continued)		
Tractors (Continued)		
L3250		
Kubota 4-Cyl. 114 Diesel		
1990		
	1001-13	1501-13
L3300		
Kubota 3-Cyl. 101 Diesel		
1997-1994		
	1007-13	1507-13
L3350		
Kubota 4-Cyl. 114 Diesel		
1986		
	1001-13	1501-13
L3400		
Kubota 3-Cyl. 101 Diesel		
2006		
	1003-13	1503-13
L3410		
Kubota 3-Cyl. 101 Diesel		
2001		
	1007-13	1507-13
1999-1998		
	1007-13	1507-13
L3430		
Kubota 3-Cyl. 101 Diesel		
2002		
	1003-13	1503-13
L345		
Kubota 4-Cyl. 91 Diesel		
1986		
	1001-13	1501-13
L35		
Kubota 3-Cyl. 101 Diesel		
2001		
	1007-13	1507-13
1997-1994		
	1007-13	1507-13
L355		
Kubota 4-Cyl. 106 Diesel		
1986		
	1001-13	1501-13
1983		
	1001-13	1501-13
L3600		
Kubota 4-Cyl. 114 Diesel		
1997-1994		
	1001-13	1501-13
L3710		
Kubota 4-Cyl. 114 Diesel		
2001		
	1003-13	1503-13
L3750		
Kubota 5-Cyl. 142 Diesel		
1986		
	1001-13	1501-13
L3830		
Kubota 3-Cyl. 112 Diesel		
2006		
	1003-13	1503-13
2003		
	1003-13	1503-13
L4150		
Kubota 5-Cyl. 142 Diesel		
1986		
	1001-13	1501-13
L4200		
Kubota 4-Cyl. 134 Diesel		
1997-1994		
	1001-13	1501-13

Application	Standard	Safety
Kubota (Continued)		
Tractors (Continued)		
L4240		
Kubota 4-Cyl. 134 Diesel		
2008-2007		
	1003-13	1503-13
L4300		
Kubota 4-Cyl. 134 Diesel		
2002		
	1003-13	1503-13
L4310		
Kubota 4-Cyl. 134 Diesel		
2000-1998		
	1003-13	1503-13
L4350		
Kubota 4-Cyl. 134 Diesel		
1991		
	1001-13	1501-13
L4610		
Kubota 4-Cyl. 134 Diesel		
2000		
	1003-13	1503-13
L48		
Kubota 4-Cyl. 149 Diesel		
2002		
	1003-13	1503-13
L4850		
Kubota 5-Cyl. 152 Diesel		
1998-1995		
	1001-13	1501-13
1991		
	1001-13	1501-13
L5030		
Kubota 4-Cyl. 149 Diesel		
2006		
	1003-13	1503-13
2003		
	1003-13	1503-13
L5450		
Kubota 5-Cyl. 168 Diesel		
1998-1995		
	1001-13	1501-13
1993-1990		
	1001-13	1501-13
L5740		
Kubota 4-Cyl. 149 Diesel		
2008-2007		
	1003-13	1503-13
M110		
Kubota 5-Cyl. 356 Diesel		
2000		
	1007-13	1507-13
M120		
Kubota 5-Cyl. 356 Diesel		
2000-1999		
	1007-13	1507-13
M4000		
Kubota 6-Cyl. 136 Diesel		
1980		
	1001-13	1501-13
M4030		
Kubota 6-Cyl. 159 Diesel		
1994-1988		
	1001-13	1501-13
1986		
	1001-13	1501-13
M4050		
Kubota 6-Cyl. 159 Diesel		
1986		
	1001-13	1501-13
1982		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Kubota (Continued)		
Tractors (Continued)		
M4500		
Kubota 6-Cyl. 159 Diesel		
1986		
	1001-13	1501-13
1981-1980		
	1001-13	1501-13
M4700		
Kubota 5-Cyl. 168 Diesel		
1999-1995		
	1001-13	1501-13
M4900		
Kubota 5-Cyl. 168 Diesel		
2001-2000		
	1003-13	1503-13
M4950		
Kubota 6-Cyl. 170 Diesel		
1986		
	1001-13	1501-13
1984-1983		
	1001-13	1501-13
M5030		
Kubota 6-Cyl. 170 Diesel		
1988		
	1001-13	1501-13
1986		
	1001-13	1501-13
M5040		
Kubota 4-Cyl. 186 Diesel		
2007-2006		
	1007-13	1507-13
M5400		
Kubota 5-Cyl. 168 Diesel		
1999-1995		
	1001-13	1501-13
M5500		
Kubota 3-Cyl. 182 Diesel		
1986		
	1001-13	1501-13
1982-1980		
	1001-13	1501-13
M5700		
Kubota 5-Cyl. 168 Diesel		
2001		
	1003-13	1503-13
M5950		
Kubota 3-Cyl. 196 Diesel		
1986		
	1001-13	1501-13
M6030		
Kubota 3-Cyl. 196 Diesel		
1989-1988		
	1001-13	1501-13
1986		
	1001-13	1501-13
M6040		
Kubota 4-Cyl. 203 Diesel		
2007-2006		
	1007-13	1507-13
M6800		
Kubota 4-Cyl. 202 Diesel		
2001-1998		
	1001-13	1501-13
M6950		
Kubota 4-Cyl. 243 Diesel		
1986		
	1001-13	1501-13
1983		
	1001-13	1501-13

Application	Standard	Safety
Kubota (Continued)		
Tractors (Continued)		
M7030		
Kubota 4-Cyl. 243 Diesel		
1997-1994		
	1001-13	1501-13
1989-1988		
	1001-13	1501-13
1986		
	1001-13	1501-13
M7040		
Kubota 4-Cyl. 203 Diesel		
2007-2006		
	1007-13	1507-13
M7500		
Kubota 4-Cyl. 243 Diesel		
1986		
	1001-13	1501-13
M7580		
Kubota V4302A Diesel		
1999		
	1001-13	1501-13
1997-1995		
	1001-13	1501-13
M7950		
Kubota 4-Cyl. 262 Diesel		
1986		
	1001-13	1501-13
1983		
	1001-13	1501-13
M8030		
Kubota 4-Cyl. 262 Diesel		
1991-1990		
	1001-13	1501-13
1987-1986		
	1001-13	1501-13
M8200		
Kubota 4-Cyl. 202 Diesel		
2002		
	1001-13	1501-13
2000-1998		
	1001-13	1501-13
M8950		
Kubota 4-Cyl. 262 Diesel		
1990-1989		
	1001-13	1501-13
1987-1986		
	1001-13	1501-13
M9000		
Kubota 4-Cyl. 202 Diesel		
2001-1998		
	1001-13	1501-13
M9540		
Kubota 4-Cyl. 203 Diesel		
2007		
	1007-13	1507-13
Kubota 4-Cyl. 230 Diesel		
2006		
	1007-13	1507-13
M9580		
Kubota V4702TA Diesel		
1998-1992		
	1001-13	1501-13
MX5000		
Kubota 4-Cyl. 149 Diesel		
2007-2006		
	1003-13	1503-13

Radiator Cap Applications

Application	Standard	Safety
Long		
Tractors		
2460		
UTB 3-Cyl. 143 Diesel		
2001		
	1001-07	1501-07
1999-1990		
	1001-07	1501-07
FarmTrac 60		
Ford 3-Cyl. 192 Diesel		
1998-1997		
	1001-13	1501-13
FarmTrac 70		
Ford 3-Cyl. 201 Diesel		
2002		
	1001-13	1501-13
FarmTrac 80		
Perkins 4-Cyl. 258 Diesel		
2002		
	1001-13	1501-13
LandTrac 280		
Mitsubishi 4-Cyl. 92 Diesel		
1998		
	1007-13	1507-13
LandTrac 330HST		
Dae Dong 3-Cyl. 101 Diesel		
2004-2002		
	1007-13	1507-13
LandTrac 360		
Mitsubishi 4-Cyl. 107 Diesel		
2003-1998		
	1007-13	1507-13
LandTrac 390HST		
Mitsubishi 4-Cyl. 107 Diesel		
2002		
	1007-13	1507-13
LandTrac 410		
Mitsubishi 4-Cyl. 141 Diesel		
2000		
	1007-13	1507-13
1998-1997		
	1007-13	1507-13
LandTrac 450		
Mitsubishi 4-Cyl. 141 Diesel		
2002-2000		
	1007-13	1507-13
LandTrac 470		
Mitsubishi 4-Cyl. 153 Diesel		
1998-1997		
	1007-13	1507-13
LandTrac 530		
Mitsubishi 4-Cyl. 203 Diesel		
1999-1998		
	1007-13	1507-13
LandTrac 550		
Mitsubishi 4-Cyl. 203 Diesel		
2001-2000		
	1007-13	1507-13
1998		
	1007-13	1507-13
LongTrac 680		
Universal 4-Cyl. 229 Diesel		
2001		
	1001-07	1501-07
1999		
	1001-07	1501-07
Mahindra		
Tractors		
2615		
Mahindra 3-Cyl. 80 Diesel		
2007-2006		
	1001-13	1501-13

Application	Standard	Safety
Mahindra (Continued)		
Tractors (Continued)		
2815		
Mahindra 3-Cyl. 91 Diesel		
2007		
	1007-13	1507-13
3215		
Mahindra 3-Cyl. 91 Diesel		
2007		
	1007-13	1507-13
5520		
Mahindra 4-Cyl. 207 Diesel		
2007-2006		
	1007-13	1507-13
6520		
Mahindra 4-Cyl. 216 Diesel		
2007-2006		
	1007-13	1507-13
7520		
Mahindra 4-Cyl. 195 Diesel		
2007-2006		
	1007-13	1507-13
Massey Ferguson		
Combines		
540SP		
Perkins 4-Cyl. 318 Diesel		
1981-1980		
	1001-07	1501-07
550		
Perkins 6-Cyl. 354 Diesel		
1990-1988		
	1001-07	1501-07
1986-1980		
	1001-07	1501-07
550SP		
Perkins 6-Cyl. 354 Diesel		
1990-1988		
	1001-07	1501-07
1986		
	1001-07	1501-07
1981-1980		
	1001-07	1501-07
750SP		
Chevrolet V-8 350		
1981-1980		
	1001-09	1501-09
Perkins 6-Cyl. 354 Diesel		
1981-1980		
	1001-09	1501-09
760SP		
Perkins 6-Cyl. 354 Diesel		
1981-1980		
	1001-09	1501-09
8450		
Mercedes-Benz OM352A Diesel		
1997-1989		
	1001-09	1501-09
8460		
Mercedes-Benz OM421 Diesel		
1997-1989		
	1001-09	1501-09
850		
Perkins 6-Cyl. 354 Diesel		
1987		
	1001-07	1501-07
1985		
	1001-09	1501-09
1983-1982		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
Massey Ferguson (Continued)		
Combines (Continued)		
8560		
Cummins 6-Cyl. 5.9 L Diesel		
1990-1986		
	1001-07	1501-07
8570		
Cummins 6-Cyl. 8.3 L Diesel		
1997-1990		
	1006-07	1506-07
860		
Perkins 6-Cyl. 354 Diesel		
1990-1988		
	1001-09	1501-09
1986-1981		
	1001-09	1501-09
8780XP		
Cummins 6-Cyl. 8.3 L Diesel		
2003-2000		
	1001-13	1501-13
9720		
Perkins V-8 640 Diesel		
1993-1988		
	1001-07	1501-07
Tractors		
1010		
Toyosha 3-Cyl. 53 Diesel		
1991-1990		
	1001-13	1501-13
1988		
	1001-13	1501-13
1986		
	1001-13	1501-13
1984-1983		
	1001-13	1501-13
1020		
Toyosha 3-Cyl. 69 Diesel		
1991-1988		
	1001-13	1501-13
1986-1984		
	1001-13	1501-13
1030		
Toyosha 3-Cyl. 87 Diesel		
1990-1988		
	1001-13	1501-13
1986-1984		
	1001-13	1501-13
1035		
Toyosha 3-Cyl. 92 Diesel		
1988		
	1001-13	1501-13
1986		
	1001-13	1501-13
1040		
Toyosha 3-Cyl. 122 Diesel		
1986-1984		
	1001-13	1501-13
1125		
Iseki 3-Cyl. 87 Diesel		
1992		
	1001-16	1501-16
1140		
Iseki 3-Cyl. 91 Diesel		
1992		
	1001-16	1501-16
1145		
Iseki 3-Cyl. 91 Diesel		
1991		
	1001-16	1501-16

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
1160		
Isuzu 4-Cyl. 137 Diesel		
1993-1992		
	1001-16	1501-16
1165		
Isuzu 4-Cyl. 134 Diesel		
2002-2000		
	1001-16	1501-16
1180		
Isuzu 4-Cyl. 169 Diesel		
1994-1993		
	1001-16	1501-16
1230		
Iseki 3-Cyl. 87 Diesel		
2000		
	1007-16	1507-16
1995		
	1007-16	1507-16
1993		
	1007-16	1507-16
1233		
Iseki 3-Cyl. 89 Diesel		
2003-2000		
	1007-16	1507-16
1240		
Iseki 3-Cyl. 87 Diesel		
2001-2000		
	1001-16	1501-16
1993-1992		
	1001-16	1501-16
1250		
Iseki 3-Cyl. 91 Diesel		
2000		
	1001-16	1501-16
1997-1995		
	1001-16	1501-16
1993		
	1001-16	1501-16
1260		
Iseki 3-Cyl. 91 Diesel		
2000		
	1001-16	1501-16
1993		
	1001-16	1501-16
1429		
Iseki 3-Cyl. 89 Diesel		
2002		
	1003-16	1503-16
1433		
Iseki 3-Cyl. 91 Diesel		
2002		
	1003-16	1503-16
154-4		
Perkins 3-Cyl. 153 Diesel		
1980		
	1001-09	1501-09
184-4		
Perkins 4-Cyl. 236 Diesel		
1980		
	1001-09	1501-09
205		
Toyosha 2-Cyl. 65 Diesel		
1983		
	1001-13	1501-13
1981		
	1001-13	1501-13
210		
Toyosha 2-Cyl. 77 Diesel		
1981		
	1001-13	1501-13

Radiator Cap Applications

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
2210		
Perkins 3-Cyl. 165 Diesel		
2000		
	1001-09	1501-09
1998		
	1001-09	1501-09
230		
Continental 4-Cyl. 145		
1981-1980		
	1001-07	1501-07
Perkins 3-Cyl. 153 Diesel		
1981-1980		
	1001-07	1501-07
231S		
Perkins 3-Cyl. 153 Diesel		
2000-1999		
	1001-07	1501-07
240		
Perkins 3-Cyl. 153 Diesel		
1999-1996		
	1001-09	1501-09
1990-1989		
	1001-09	1501-09
1987		
	1001-09	1501-09
1984		
	1001-07	1501-07
245		
Continental 4-Cyl. 145		
1982-1980		
	1001-07	1501-07
Perkins 3-Cyl. 153 Diesel		
1982-1980		
	1001-07	1501-07
250		
Perkins 3-Cyl. 152 Diesel		
1986-1985		
	1001-07	1501-07
1983		
	1001-07	1501-07
251XE		
Perkins 3-Cyl. 153 Diesel		
2003-2000		
	1001-09	1501-09
253		
Perkins 3-Cyl. 153 Diesel		
1997-1996		
	1001-09	1501-09
1989		
	1001-09	1501-09
254		
Perkins 3-Cyl. 153 Diesel		
1987-1986		
	1001-09	1501-09
1982		
	1001-09	1501-09
255		
Continental 4-Cyl. 212		
1980		
	1001-07	1501-07
263		
Perkins 3-Cyl. 165 Diesel		
2000-1998		
	1001-09	1501-09
2640		
Perkins 6-Cyl. 354 Diesel		
1983-1982		
	1001-07	1501-07

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
265		
Continental 4-Cyl. 236		
1983		
	1001-07	1501-07
1981-1980		
	1001-07	1501-07
Perkins 4-Cyl. 236 Diesel		
1981-1980		
	1001-07	1501-07
2675		
Perkins 6-Cyl. 354 Diesel		
1983		
	1001-07	1501-07
1980		
	1001-07	1501-07
270		
Perkins 4-Cyl. 236 Diesel		
1986		
	1001-07	1501-07
1984-1983		
	1001-07	1501-07
2705		
Perkins 6-Cyl. 354 Diesel		
1982-1980		
	1001-07	1501-07
274		
Perkins 4-Cyl. 236 Diesel		
1984		
	1001-09	1501-09
1983		
	1001-07	1501-07
1982		
	1001-09	1501-09
2745		
Perkins V-8 539 Diesel		
1981-1980		
	1001-07	1501-07
275		
Perkins 4-Cyl. 248 Diesel		
1980		
	1001-07	1501-07
2775		
Perkins V-8 640 Diesel		
1980		
	1001-07	1501-07
2805		
Perkins V-8 640 Diesel		
1981-1980		
	1001-07	1501-07
281 Special		
Perkins 1004.42 Diesel		
2000		
	1001-09	1501-09
285		
Perkins 4-Cyl. 318 Diesel		
1982-1980		
	1001-07	1501-07
290		
Perkins 4-Cyl. 248 Diesel		
1986-1983		
	1001-07	1501-07
294		
Perkins 4-Cyl. 248 Diesel		
1983		
	1001-07	1501-07
1982		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
298		
Perkins 4-Cyl. 318 Diesel		
1986		
	1001-07	1501-07
1984		
	1001-07	1501-07
3070		
Perkins 4-Cyl. 236 Diesel		
1988-1987		
	1001-07	1501-07
3090		
Perkins 6-Cyl. 354 Diesel		
1989-1988		
	1001-07	1501-07
3120		
Perkins 6-Cyl. 365 Diesel		
1991-1990		
	1001-07	1501-07
3120T		
Perkins 6-Cyl. 365 Diesel		
1994		
	1001-09	1501-09
3140		
Perkins 6-Cyl. 365 Diesel		
1993-1991		
	1001-07	1501-07
3505		
Perkins 6-Cyl. 354 Diesel		
1986-1984		
	1001-07	1501-07
3525		
Perkins 6-Cyl. 354 Diesel		
1986-1984		
	1001-07	1501-07
3545		
Perkins 6-Cyl. 354 Diesel		
1986-1984		
	1001-07	1501-07
360		
Perkins 3-Cyl. 153 Diesel		
1989		
	1001-09	1501-09
1987-1986		
	1001-09	1501-09
362		
Perkins 4-Cyl. 236 Diesel		
1990		
	1001-09	1501-09
3625		
Sisu 3-Cyl. 201 Diesel		
2007		
	1001-07	1501-07
3630		
Perkins 6-Cyl. 354 Diesel		
1988		
	1001-07	1501-07
3650		
Perkins 6-Cyl. 354 Diesel		
1989-1987		
	1001-07	1501-07
3660		
Perkins 6-Cyl. 365 Diesel		
1994		
	1001-09	1501-09
1992-1990		
	1001-07	1501-07
3670		
Valmet 6-Cyl. 402 Diesel		
1993-1992		
	1001-07	1501-07

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
3680		
Valmet 6-Cyl. 450 Diesel		
1990-1989		
	1001-07	1501-07
3690		
Valmet 6-Cyl. 449 Diesel		
1993-1991		
	1001-07	1501-07
375		
Perkins 4-Cyl. 236 Diesel		
1997-1996		
	1001-09	1501-09
1989		
	1001-09	1501-09
1988		
	1001-07	1501-07
1987		
	1001-09	1501-09
383		
Perkins 4-Cyl. 248 Diesel		
1997-1996		
	1001-09	1501-09
1991-1989		
	1001-09	1501-09
1986		
	1001-09	1501-09
390		
Perkins 4-Cyl. 248 Diesel		
1997-1996		
	1001-09	1501-09
1994		
	1001-09	1501-09
1991		
	1001-09	1501-09
1987		
	1001-09	1501-09
390T		
Perkins 4-Cyl. 236 Diesel		
1991-1989		
	1001-09	1501-09
393		
Perkins 4-Cyl. 236 Diesel		
1992		
	1001-09	1501-09
396		
Perkins 6-Cyl. 365 Diesel		
1997-1996		
	1001-09	1501-09
1992		
	1001-09	1501-09
398		
Perkins 4-Cyl. 236 Diesel		
1991		
	1001-09	1501-09
1988		
	1001-07	1501-07
1987		
	1001-09	1501-09
399		
Perkins 6-Cyl. 354 Diesel		
1990-1989		
	1001-09	1501-09
1988		
	1001-07	1501-07
1987		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
399 (Continued)		
Perkins 6-Cyl. 365 Diesel		
1994		
	1001-09	1501-09
1992-1991		
	1001-09	1501-09
4235		
Perkins 4-Cyl. 244 Diesel		
2000		
	1001-09	1501-09
1998		
	1001-09	1501-09
Perkins 4-Cyl. 248 Diesel		
2000		
	1001-09	1501-09
1998		
	1001-09	1501-09
4243		
Perkins 4-Cyl. 244 Diesel		
2001-1999		
	1001-09	1501-09
4255		
Perkins 4-Cyl. 244 Diesel		
2000		
	1001-09	1501-09
1998		
	1001-09	1501-09
4325		
Perkins 4-Cyl. 244 Diesel		
2005-2002		
	1001-09	1501-09
4345		
Perkins 4-Cyl. 244 Diesel		
2005-2002		
	1001-09	1501-09
4355		
Perkins 4-Cyl. 244 Diesel		
2005-2002		
	1001-09	1501-09
451		
Perkins 3-Cyl. 202 Diesel		
2002		
	1001-09	1501-09
471		
Perkins 4-Cyl. 244 Diesel		
2002		
	1001-09	1501-09
4800		
Cummins V-8 903 Diesel		
1986		
	1001-07	1501-07
1980		
	1001-07	1501-07
481		
Perkins 4-Cyl. 268 Diesel		
2002		
	1001-09	1501-09
4840		
Cummins V-8 903 Diesel		
1986		
	1001-07	1501-07
1983-1982		
	1001-07	1501-07
1981		
	1001-13	1501-13
1980		
	1001-07	1501-07

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
4880		
Cummins V-8 903 Diesel		
1986		
	1001-07	1501-07
1983		
	1001-07	1501-07
1981		
	1001-13	1501-13
1980		
	1001-07	1501-07
4900		
Cummins V-8 903 Diesel		
1986		
	1001-07	1501-07
1984		
	1001-07	1501-07
1982		
	1001-07	1501-07
1980		
	1001-07	1501-07
5200		
Cummins 6-Cyl. 855 Diesel		
1991		
	1001-09	1501-09
Detroit Diesel 6-Cyl. 774 Diesel		
1991		
	1001-09	1501-09
6170		
Perkins 6-Cyl. 365 Diesel		
1998		
	1001-09	1501-09
1995		
	1001-09	1501-09
6180		
Perkins 6-Cyl. 365 Diesel		
1997-1996		
	1001-09	1501-09
6265		
Perkins 4-Cyl. 244 Diesel		
2000-1999		
	1001-09	1501-09
6280		
Perkins 6-Cyl. 365 Diesel		
2001-2000		
	1001-09	1501-09
6290		
Perkins 6-Cyl. 365 Diesel		
2001-1999		
	1001-09	1501-09
670		
Perkins 4-Cyl. 236 Diesel		
1986		
	1001-09	1501-09
1984		
	1001-09	1501-09
690		
Perkins 4-Cyl. 248 Diesel		
1985		
	1001-16	1501-16
1984-1983		
	1001-09	1501-09
698		
Perkins 4-Cyl. 318 Diesel		
1986		
	1001-09	1501-09
1983		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
Massey Ferguson (Continued)		
Tractors (Continued)		
699		
Perkins 6-Cyl. 354 Diesel		
1985		
	1001-16	1501-16
1984		
	1001-09	1501-09
8120		
Perkins 6-Cyl. 365 Diesel		
1997-1995		
	1001-09	1501-09
8160		
Valmet 6-Cyl. 449 Diesel		
1998		
	1001-09	1501-09
8240		
Valmet 6-Cyl. 402 Diesel		
2001-2000		
	1001-09	1501-09
8250		
Valmet 6-Cyl. 449 Diesel		
2002		
	1001-09	1501-09
2000		
	1001-09	1501-09
8270		
Valmet 6-Cyl. 513 Diesel		
2000-1999		
	1006-15	1506-15
GC2310		
Iseki 3-Cyl. 68 Diesel		
2007		
	1007-16	1507-16
Mazda		
Light Trucks		
B2300		
L4 - 2.3L		
2008-2003		
	1004-16	
B2500		
L4 - 2.5L		
2001-2000		
	1007-16	1507-16
B3000		
V6 - 3.0L		
2007-2000		
	1007-16	1507-16
B4000		
V6 - 4.0L		
2008-2000		
	1007-16	1507-16
Montana Tractors		
Tractors		
5740		
Mitsubishi 4-Cyl. 203 Diesel		
2008-2007		
	1007-13	1507-13
T2334		
Mitsubishi 3-Cyl. 69 Diesel		
2008-2007		
	1007-13	1507-13
New Holland		
Combines		
TR89		
Genesis 6-Cyl. 456 Diesel		
2002-1999		
	1001-13	1501-13
TR98		
Genesis 6-Cyl. 456 Diesel		
1998-1996		
	1001-13	1501-13

Application	Standard	Safety
New Holland (Continued)		
Combines (Continued)		
TR99		
Genesis 6-Cyl. 456 Diesel		
2002-1999		
	1001-13	1501-13
Tractors		
9030		
Ford 4-Cyl. 268 Diesel		
1996-1995		
	1001-07	1501-07
9280		
Cummins 6-Cyl. 611 Diesel		
1995-1994		
	1001-07	1501-07
9484		
Cummins M11 Diesel		
2000		
	1001-09	1501-09
TB100		
Genesis 4-Cyl. 304 Diesel		
2007		
	1001-13	1501-13
TC24		
Shibaura 3-Cyl. 69 Diesel		
2003-2002		
	1003-13	1503-13
TC29		
New Holland 3-Cyl. 81 Diesel		
2006		
	1007-13	1507-13
Shibaura 3-Cyl. 81 Diesel		
2001		
	1007-13	1507-13
TC30		
Shibaura 3-Cyl. 91 Diesel		
2007		
	1003-13	1503-13
2006-2002		
	1001-13	1501-13
TC31		
New Holland 3-Cyl. 91 Diesel		
2007-2006		
	1001-13	1501-13
TC33		
New Holland 3-Cyl. 91 Diesel		
2007-2006		
	1007-13	1507-13
Shibaura 3-Cyl. 91 Diesel		
2002		
	1007-13	1507-13
1999		
	1007-13	1507-13
TC34		
New Holland 3-Cyl. 101 Diesel		
2006		
	1001-13	1501-13
TC35		
Shibaura 3-Cyl. 101 Diesel		
2002		
	1007-13	1507-13
TC40		
New Holland 4-Cyl. 122 Diesel		
2007-2006		
	1001-13	1501-13
Shibaura 4-Cyl. 122 Diesel		
2002		
	1007-13	1507-13
2000		
	1007-13	1507-13

Radiator Cap Applications

Application	Standard	Safety
New Holland (Continued)		
Tractors (Continued)		
TC45		
New Holland 4-Cyl. 135 Diesel		
2007-2006		
	1007-13	1507-13
TD80D		
New Holland 4-Cyl. 238 Diesel		
2007		
	1001-13	1501-13
TD95D		
New Holland 4-Cyl. 238 Diesel		
2007		
	1001-13	1501-13
TL100		
Iveco 4-Cyl. 238 Diesel		
2003-1999		
	1001-09	1501-09
TL100A		
New Holland 4-Cyl. 273 Diesel		
2007-2006		
	1001-09	1501-09
TL70		
Iveco 4-Cyl. 220 Diesel		
2000		
	1001-09	1501-09
TL80		
Iveco 4-Cyl. 238 Diesel		
1999		
	1001-09	1501-09
TL90		
Iveco 4-Cyl. 238 Diesel		
2001		
	1001-09	1501-09
TN55		
Iveco 3-Cyl. 179 Diesel		
2000-1999		
	1001-09	1501-09
TN65		
Iveco 3-Cyl. 179 Diesel		
2002		
	1001-09	1501-09
2000-1999		
	1001-09	1501-09
TN70		
Iveco 3-Cyl. 179 Diesel		
2000		
	1001-09	1501-09
TN70DA		
New Holland 3-Cyl. 179 Diesel		
2007		
	1001-09	1501-09
TN75		
Iveco 3-Cyl. 179 Diesel		
2001-2000		
	1001-09	1501-09
TN75DA		
New Holland 3-Cyl. 179 Diesel		
2007		
	1001-09	1501-09
TN95DA		
New Holland 4-Cyl. 274 Diesel		
2007		
	1001-09	1501-09
TS100		
Genesis 4-Cyl. 304 Diesel		
2000-1998		
	1001-13	1501-13

Application	Standard	Safety
New Holland (Continued)		
Tractors (Continued)		
TS110		
Genesis 4-Cyl. 304 Diesel		
2003-2000		
	1001-13	1501-13
1998		
	1001-13	1501-13
TS90		
Genesis 4-Cyl. 304 Diesel		
1999		
	1001-13	1501-13
TT45A		
New Holland 4-Cyl. 122 Diesel		
2007		
	1001-13	1501-13
TT60A		
New Holland 3-Cyl. 179 Diesel		
2007		
	1001-13	1501-13
TT75A		
New Holland 4-Cyl. 238 Diesel		
2007		
	1001-13	1501-13
TV140		
Genesis 6-Cyl. 456 Diesel		
2000-1999		
	1008-16	1508-16
TZ25DA		
New Holland 3-Cyl. 61 Diesel		
2007-2006		
	1003-13	1503-13
Nissan		
Light Trucks		
Titan		
V8 - 5.6L		
2007-2004		
	1004-16	
Toyota		
Light Trucks		
Tundra		
V6 - 3.4L		
2004-2000		
	1003-13	1503-13
V6 - 4.0L		
2008-2007		
	1003-16	1503-16
2006-2005		
	1003-13	1503-13
V8 - 4.7L		
2008-2007		
	1003-16	1503-16
2006-2000		
	1003-13	1503-13
V8 - 5.7L		
2008		
	1003-16	1503-16
White		
Combines		
7300SP		
Chrysler V-8 318		
1981-1980		
	1001-07	1501-07
8700		
Perkins 6-Cyl. 354 Diesel		
1982-1980		
	1001-16	1501-16
8900		
Perkins 6-Cyl. 354 Diesel		
1984-1980		
	1001-07	1501-07

Radiator Cap Applications

Application	Standard	Safety
White (Continued)		
Combines (Continued)		
8920		
Perkins 6-Cyl. 354 Diesel 1987-1984		
	1001-07	1501-07
9700		
Perkins V-8 640 Diesel 1984-1980		
	1001-07	1501-07
Tractors		
100		
Cummins 6-Cyl. 359 Diesel 1989		
	1001-07	1501-07
120		
Cummins 6-Cyl. 359 Diesel 1989-1988		
	1001-07	1501-07
125 Workhorse		
Cummins 6-Cyl. 359 Diesel 1991-1990		
	1001-07	1501-07
140		
Cummins 6-Cyl. 359 Diesel 1988		
	1006-07	1506-07
145 Workhorse		
Cummins 6-Cyl. 359 Diesel 1992		
	1006-07	1506-07
160		
Cummins 6-Cyl. 505 Diesel 1988		
	1006-07	1506-07
170 Workhorse		
Cummins 6-Cyl. 505 Diesel 1991-1990		
	1006-07	1506-07
185		
Cummins 6-Cyl. 505 Diesel 1989		
	1006-07	1506-07
195 Workhorse		
Cummins 6-Cyl. 505 Diesel 1992-1990		
	1006-07	1506-07
2-105		
Perkins 6-Cyl. 354 Diesel 1981-1980		
	1001-07	1501-07
2-110		
Perkins 6-Cyl. 354 Diesel 1987-1982		
	1001-07	1501-07
2-135		
White 6-Cyl. 478 Diesel 1982		
	1006-07	1506-07
1981-1980		
	1001-16	1501-16
2-155		
White 6-Cyl. 478 Diesel 1982-1980		
	1006-07	1506-07
2-180		
Caterpillar 3208 Diesel 1981-1980		
	1006-07	1506-07
Feb-30		

Application	Standard	Safety
White (Continued)		
Tractors (Continued)		
2-30 (Continued)		
Isuzu 3-Cyl. 91 Diesel 1980		
	1002-07	
Feb-35		
Isuzu 3-Cyl. 108 Diesel 1980		
	1002-07	
Feb-45		
Isuzu 4-Cyl. 169 Diesel 1980		
	1002-07	
Feb-55		
Isuzu 4-Cyl. 199 Diesel 1986-1984		
	1002-07	
Feb-62		
Isuzu 4-Cyl. 219 Diesel 1980		
	1002-07	
Feb-65		
Isuzu 4-Cyl. 235 Diesel 1986-1984		
	1002-07	
Feb-70		
White 6-Cyl. 265 1981-1980		
	1001-07	1501-07
White 6-Cyl. 283 Diesel 1981-1980		
	1001-07	1501-07
Feb-75		
Isuzu 6-Cyl. 329 Diesel 1986-1984		
	1002-07	
Feb-85		
Perkins 6-Cyl. 354 Diesel 1981-1980		
	1001-07	1501-07
Feb-88		
Perkins 6-Cyl. 354 Diesel 1986		
	1001-07	1501-07
4-175		
Caterpillar V-8 636 Diesel 1981-1980		
	1006-07	1506-07
4-210		
Caterpillar 3208 Diesel 1981-1980		
	1006-07	1506-07
4-225		
Caterpillar 3208 Diesel 1987-1983		
	1006-07	1506-07
4-270		
Caterpillar 3306 Diesel 1986-1983		
	1006-07	1506-07
6045		
SLH 3-Cyl. 183 Diesel 2001-1998		
	1001-09	1501-09
1995		
	1001-09	1501-09

Radiator Cap Applications

Application	Standard	Safety
White (Continued)		
Tractors (Continued)		
6065		
SLH 4-Cyl. 244 Diesel		
1995		
	1001-09	1501-09
1993		
	1001-07	1501-07
1992		
	1001-09	1501-09
6085		
SLH 4-Cyl. 244 Diesel		
1994		
	1001-09	1501-09
1993		
	1001-07	1501-07
1992		
	1001-09	1501-09
6105		
SLH 6-Cyl. 366 Diesel		
1993		
	1001-07	1501-07
1992		
	1001-09	1501-09
6124		
Cummins 6-Cyl. 5.9 L Diesel		
1995		
	1006-07	1506-07
6125		
Cummins 6-Cyl. 359 Diesel		
1994-1993		
	1006-07	1506-07
6144		
Cummins 6-Cyl. 5.9 L Diesel		
1997-1996		
	1006-15	1506-15
1995		
	1006-07	1506-07
6145		
Cummins 6-Cyl. 5.9 L Diesel		
1997-1996		
	1006-15	1506-15
1994-1993		
	1006-07	1506-07
6175		
Cummins 6-Cyl. 505 Diesel		
1999-1998		
	1006-07	1506-07
1994-1993		
	1006-07	1506-07
6195		
Cummins 6-Cyl. 505 Diesel		
1999-1998		
	1006-07	1506-07
1994-1993		
	1006-07	1506-07
6215		
Cummins 6-Cyl. 8.3 L Diesel		
1997-1996		
	1006-15	1506-15
1995		
	1006-07	1506-07
6410		
Cummins 4-Cyl. 3.9 L Diesel		
2001-1998		
	1001-09	1501-09
6510		
Cummins 4-Cyl. 3.9 L Diesel		
2001-1998		
	1001-09	1501-09

Application	Standard	Safety
White (Continued)		
Tractors (Continued)		
6710		
Cummins 6-Cyl. 5.9 L Diesel		
2001-1998		
	1001-09	1501-09
6810		
Cummins 6-Cyl. 5.9 L Diesel		
2001-1998		
	1001-09	1501-09
80 American		
Cummins 4-Cyl. 239 Diesel		
1991-1990		
	1001-07	1501-07
8310		
Cummins 6-Cyl. 5.9 L Diesel		
2001-1998		
	1006-15	1506-15
8410		
Cummins 6-Cyl. 5.9 L Diesel		
2001-1998		
	1006-15	1506-15
8510		
Cummins 6-Cyl. 8.3 L Diesel		
2001-1998		
	1001-09	1501-09
8610		
Cummins 6-Cyl. 8.3 L Diesel		
2001-1998		
	1006-15	1506-15
8710		
Cummins 6-Cyl. 8.3 L Diesel		
2001-1998		
	1006-15	1506-15
FB16		
Mitsubishi 3-Cyl. 52 Diesel		
1987-1986		
	1001-13	1501-13
FB21		
Iseki 3-Cyl. 71 Diesel		
1988-1986		
	1001-16	1501-16
FB31		
Iseki 3-Cyl. 91 Diesel		
1988-1986		
	1001-16	1501-16
FB37		
Iseki 4-Cyl. 111 Diesel		
1988-1986		
	1001-16	1501-16
Zetor		
Tractors		
10540		
Zetor 4-Cyl. 254 Diesel		
1999		
	1001-07	1501-07
1997-1996		
	1002-07	
3320		
Zetor 5201 Diesel		
2000		
	1001-13	1501-13
1999-1996		
	1002-07	
3340		
Zetor 5201 Diesel		
2000		
	1001-13	1501-13
1999-1996		
	1002-07	

Radiator Cap Applications

Application	Standard	Safety
Zetor (Continued)		
Tractors (Continued)		
4320		
Zetor 4-Cyl. 239 Diesel		
2004-2001		
	1002-07	
1999-1998		
	1002-07	
1995-1993		
	1002-07	
4340		
Zetor 4-Cyl. 239 Diesel		
2004-1998		
	1002-07	
1995-1994		
	1002-07	
6320		
Zetor 4-Cyl. 239 Diesel		
2004-2001		
	1002-07	
1998-1993		
	1002-07	
6321		
Zetor 4-Cyl. 239 Diesel		
2005-2001		
	1001-07	1501-07
1999-1998		
	1001-07	1501-07
6340		
Zetor 4-Cyl. 239 Diesel		
2001		
	1002-07	
1998-1994		
	1002-07	
7320		
Zetor 4-Cyl. 239 Diesel		
2004-2001		
	1001-07	1501-07
1999-1998		
	1001-07	1501-07
1995-1993		
	1001-07	1501-07
7340		
Zetor 4-Cyl. 239 Diesel		
2004-2001		
	1002-07	
1999		
	1001-07	1501-07
1998-1993		
	1002-07	
7341		
Zetor 4-Cyl. 239 Diesel		
2005-2001		
	1001-07	1501-07
1998		
	1001-07	1501-07
8640		
Zetor 4-Cyl. 254 Diesel		
1999-1998		
	1002-07	
8641		
Zetor 4-Cyl. 254 Diesel		
2002-2000		
	1002-07	
9520		
Zetor 4-Cyl. 254 Diesel		
1996-1991		
	1002-07	
9640		
Zetor 4-Cyl. 254 Diesel		
1998-1997		
	1002-07	

Fuel Cap Applications

Application	Standard	Locking
Allis-Chalmers		
Tractors		
175		
Perkins 4-Cyl. 236 Diesel		
1980		
	2009-11	2509-11
185		
West Allis 6-Cyl. 301 Diesel		
1980		
	2009-11	2509-11
Case		
Tractors		
4490		
Case 6-Cyl. 504 Diesel		
1983-1982		
	2004-11	2504-11
1980		
	2004-11	2504-11
4494		
Case 6-Cyl. 504 Diesel		
1987-1985		
	2004-11	2504-11
4690		
Case 6-Cyl. 504 Diesel		
1983-1982		
	2004-11	2504-11
1980		
	2004-11	2504-11
4694		
Case 6-Cyl. 504 Diesel		
1987-1985		
	2004-11	2504-11
4890		
Scania 6-Cyl. 673 Diesel		
1983-1982		
	2004-11	2504-11
1980		
	2004-11	2504-11
4894		
Scania 6-Cyl. 673 Diesel		
1987-1985		
	2004-11	2504-11
4994		
Scania V-8 866 Diesel		
1988-1985		
	2004-11	2504-11
Case IH		
Tractors		
4494		
Case 6-Cyl. 504 Diesel		
1988-1985		
	2004-11	2504-11
4694		
Case 6-Cyl. 504 Diesel		
1987-1985		
	2004-11	2504-11
4894		
Scania 6-Cyl. 674 Diesel		
1987-1985		
	2004-11	2504-11
4994		
Saab-Scania V-8 866 Diesel		
1988-1986		
	2004-11	2504-11
Chevrolet		
Light Trucks		
Astro		
V6 - 4.3L		
2005-2000		
	2017-11	2517-11

Application	Standard	Locking
Chevrolet (Continued)		
Light Trucks (Continued)		
Avalanche		
V8 - 5.3L		
2009-2007		
	2021-01	2521-01
V8 - 6.0L		
2009-2007		
	2021-01	2521-01
Avalanche 1500		
V8 - 5.3L		
2006		
	2021-01	2521-01
2006 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2006 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2005 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2005 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2002		
	2014-11	2514-11
Avalanche 2500		
V8 - 8.1L		
2006-2002 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2006-2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
C2500		
V8 - 5.7L		
2000		
	2014-11	2514-11
V8 - 6.5L		
2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
C3500		
V8 - 5.7L		
2000		
	2014-11	2514-11
V8 - 6.5L		
2002-2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
V8 - 8.1L		
2002-2001		
	2014-11	2514-11
Express 1500		
V6 - 4.3L		
2009-2005		
	2021-01	2521-01
2004-2000		
	2017-11	2517-11
V8 - 5.0L		
2002-2000		
	2017-11	2517-11
V8 - 5.3L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Chevrolet (Continued)		
Light Trucks (Continued)		
Express 1500 (Continued)		
V8 - 5.7L		
2002-2000		
	2017-11	2517-11
Express 2500		
V6 - 4.3L		
2005-2004		
	2021-01	2521-01
2003-2000		
	2017-11	2517-11
V8 - 4.8L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 5.0L		
2002-2000		
	2017-11	2517-11
V8 - 5.3L		
2005-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 5.7L		
2002-2000		
	2017-11	2517-11
V8 - 6.0L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 6.5L		
2002-2000		
	2014-11	2514-11
V8 - 6.6L		
2009		
	2021-01	2521-01
2008-2006		
	2014-11	2514-11
Express 3500		
V8 - 4.8L		
2009-2005		
	2021-01	2521-01
V8 - 5.7L		
2002-2000		
	2017-11	2517-11
V8 - 6.0L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 6.5L		
2002-2000		
	2014-11	2514-11
V8 - 6.6L		
2009		
	2021-01	2521-01
2008-2006		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2017-11	2517-11
V8 - 8.1L		
2002-2001		
	2017-11	2517-11
K2500		
V8 - 5.7L		
2000		
	2014-11	2514-11

Application	Standard	Locking
Chevrolet (Continued)		
Light Trucks (Continued)		
K2500 (Continued)		
V8 - 6.5L		
2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
K3500		
V8 - 5.7L		
2000		
	2014-11	2514-11
V8 - 6.5L		
2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
Silverado 1500		
V6 - 4.3L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
V8 - 4.8L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
V8 - 5.3L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
V8 - 6.0L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003		
	2014-11	2514-11
Silverado 1500 HD		
V8 - 6.0L		
2007-2005		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
Silverado 2500		
V8 - 5.3L		
2000		
	2014-11	2514-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Chevrolet (Continued)		
Light Trucks (Continued)		
Silverado 2500 (Continued)		
V8 - 6.0L		
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
Silverado 2500 HD		
V8 - 6.0L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
V8 - 6.6L		
2008-2001		
	2014-11	2514-11
V8 - 8.1L		
2007-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
Silverado 3500		
V8 - 6.0L		
2007-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
V8 - 6.6L		
2007-2001		
	2014-11	2514-11
V8 - 8.1L		
2007-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
Silverado 3500 HD		
V8 - 6.0L		
2009-2007		
	2021-01	2521-01
V8 - 6.6L		
2008-2007		
	2014-11	2514-11
Medium/Heavy Trucks		
C50		
GM 6-Cyl. 4.8 L		
1981-1980		
	2009-11	2509-11
GM V-8 5.7 L		
1982-1980		
	2009-11	2509-11

Application	Standard	Locking
Chevrolet (Continued)		
Medium/Heavy Trucks (Continued)		
C60		
Detroit Diesel 4-53 Diesel		
1981-1980		
	2009-11	2509-11
Detroit Diesel V-8 8.2 L Diesel		
1981-1980		
	2009-11	2509-11
GM 6-Cyl. 4.8 L		
1982-1980		
	2009-11	2509-11
GM V-8 5.7 L		
1982-1980		
	2009-11	2509-11
GM V-8 6.0 L		
1982-1980		
	2009-11	2509-11
C70		
Detroit Diesel 4-53 Diesel		
1981-1980		
	2009-11	2509-11
Detroit Diesel V-8 8.2 L Diesel		
1981-1980		
	2009-11	2509-11
GM V-8 5.7 L		
1980		
	2009-11	2509-11
GM V-8 6.0 L		
1982-1980		
	2009-11	2509-11
GM V-8 7.0 L		
1982-1980		
	2009-11	2509-11
GM V-8 7.4 L		
1981-1980		
	2009-11	2509-11
P30		
GM V-8 6.5 L Diesel		
1995		
	2014-11	2514-11
P6T042		
Detroit Diesel V-8 8.2 L Diesel		
1990-1983		
	2001-11 [10]	2501-11 [10]
School Buses		
B60 B6P Series		
Detroit Diesel V-8 8.2 L Diesel		
1991-1983		
	2001-11 [10]	2501-11 [10]
GM V-8 5.7 L		
1987-1983		
	2001-11 [10]	2501-11 [10]
GM V-8 6.0 L		
1987-1983		
	2001-11 [10]	2501-11 [10]
GM V-8 7.0 L		
1985-1983		
	2001-11 [10]	2501-11 [10]
S60 B6P Series		
Detroit Diesel V-8 8.2 L Diesel		
1991		
	2001-11 [10]	2501-11 [10]
S7 S7T Series		
Detroit Diesel V-8 8.2 L Diesel		
1990-1988		
	2001-11 [10]	2501-11 [10]

(10) Use only on tanks requiring a non-vented cap.

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Dodge		
Light Trucks		
Ram 1500		
V10 - 8.3L		
2006-2004		
	2018-11	2518-11
V6 - 3.7L		
2009-2004		
	2018-11	2518-11
V8 - 4.7L		
2009-2004		
	2018-11	2518-11
V8 - 5.7L		
2009-2004		
	2018-11	2518-11
Ram 1500 Pickup		
V6 - 3.7L		
2003-2002		
	2018-11	2518-11
V6 - 3.9L		
2001-2000		
	2018-11	2518-11
V8 - 4.7L		
2003-2002		
	2018-11	2518-11
V8 - 5.2L		
2001-2000		
	2018-11	2518-11
V8 - 5.7L		
2003		
	2018-11	2518-11
V8 - 5.9L		
2003-2000		
	2018-11	2518-11
Ram 1500 Van		
V6 - 3.9L		
2003-2000		
	2018-11	2518-11
V8 - 5.2L		
2003-2000		
	2018-11	2518-11
V8 - 5.9L		
2003-2000		
	2018-11	2518-11
Ram 2500		
L6 - 5.9L		
2008-2004		
	2018-11	2518-11
L6 - 6.7L		
2008-2007		
	2018-11	2518-11
V8 - 5.7L		
2009-2004		
	2018-11	2518-11
Ram 2500 Pickup		
L6 - 5.9L		
2003-2000		
	2018-11	2518-11
V10 - 8.0L		
2003-2000		
	2018-11	2518-11
V8 - 5.7L		
2003		
	2018-11	2518-11
V8 - 5.9L		
2002-2000		
	2018-11	2518-11
Ram 2500 Van		
V6 - 3.9L		
2001		
	2018-11	2518-11

Application	Standard	Locking
Dodge (Continued)		
Light Trucks (Continued)		
Ram 2500 Van (Continued)		
V8 - 5.2L		
2003-2000		
	2018-11	2518-11
V8 - 5.9L		
2003-2000		
	2018-11	2518-11
Ram 3500		
L6 - 5.9L		
2008-2004		
	2018-11	2518-11
L6 - 6.7L		
2008-2007		
	2018-11	2518-11
V8 - 5.7L		
2009-2004		
	2018-11	2518-11
Ram 3500 Pickup		
L6 - 5.9L		
2003-2000		
	2018-11	2518-11
V10 - 8.0L		
2003-2000		
	2018-11	2518-11
V8 - 5.7L		
2003		
	2018-11	2518-11
V8 - 5.9L		
2002-2000		
	2018-11	2518-11
Ram 3500 Van		
V8 - 5.2L		
2003-2000		
	2018-11	2518-11
V8 - 5.9L		
2003-2000		
	2018-11	2518-11
Ford		
Light Trucks		
E Super Duty		
V10 - 6.8L		
2002		
	2015-11	2515-11
2001 [w/Cam-on Filler Neck]		
	2015-11	2515-11
2001 [w/Threaded Filler Neck]		
	2016-11	2516-11
2000		
	2015-11	2515-11
V8 - 5.4L		
2002-2001		
	2015-11	2515-11
2001 [w/Cam-on Filler Neck]		
	2015-11	2515-11
2001 [w/Threaded Filler Neck]		
	2016-11	2516-11
2000		
	2015-11	2515-11
V8 - 7.3L		
2002-2000		
	2014-11	2514-11
E-150		
V8 - 4.6L		
2009-2006		
	2020-01	2520-01
V8 - 5.4L		
2009-2006		
	2020-01	2520-01

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Light Trucks (Continued)		
E-150 Econoline		
V6 - 4.2L		
2003-2000		
	2015-11	2515-11
V8 - 4.6L		
2005-2004		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
V8 - 5.4L		
2005-2004		
	2020-01	2520-01
2003-2002		
	2015-11	2515-11
2001 [w/Cam-on Filler Neck]		
	2015-11	2515-11
2001 [w/Threaded Filler Neck]		
	2016-11	2516-11
2000		
	2015-11	2515-11
E-250		
V8 - 4.6L		
2009-2006		
	2020-01	2520-01
V8 - 5.4L		
2009-2006		
	2020-01	2520-01
E-250 Econoline		
V6 - 4.2L		
2003-2000		
	2015-11	2515-11
V8 - 4.6L		
2005-2004		
	2020-01	2520-01
2003		
	2015-11	2515-11
V8 - 5.4L		
2005-2004		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
E-350 Econoline		
V10 - 6.8L		
2005-2004		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
V8 - 5.4L		
2005-2004		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
V8 - 6.0L		
2005-2004		
	2020-01	2520-01
V8 - 7.3L		
2003-2001		
	2015-11	2515-11
2000 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2000 [w/Cam-on Filler Neck]		
	2015-11	2515-11
E-350 Super Duty		
V10 - 6.8L		
2009-2006		
	2020-01	2520-01
V8 - 5.4L		
2009-2006		
	2020-01	2520-01

Application	Standard	Locking
Ford (Continued)		
Light Trucks (Continued)		
E-350 Super Duty (Continued)		
V8 - 6.0L		
2009		
	2020-01	2520-01
2008		
	2014-11	2514-11
2007-2006		
	2020-01	2520-01
F-150		
V6 - 4.2L		
2008-2005		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
V8 - 4.6L		
2009-2005		
	2020-01	2520-01
2004 [Before 3/1/04]		
	2015-11	2515-11
2004 [From 3/1/04]		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
V8 - 5.4L		
2009-2005		
	2020-01	2520-01
2004 [Before 3/1/04]		
	2015-11	2515-11
2004 [From 3/1/04]		
	2020-01	2520-01
2003-2001		
	2015-11	2515-11
2000 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2000 [w/Cam-on Filler Neck]		
	2015-11	2515-11
F-150 Pickup		
V6 - 4.2L		
2004 [Before 3/1/04]		
	2015-11	2515-11
2004 [From 3/1/04]		
	2020-01	2520-01
V8 - 4.6L		
2004 [Before 3/1/04]		
	2015-11	2515-11
2004 [From 3/1/04]		
	2020-01	2520-01
V8 - 5.4L		
2004 [Before 3/1/04]		
	2015-11	2515-11
2004 [From 3/1/04]		
	2020-01	2520-01
F-250 Super Duty		
V10 - 6.8L		
2009-2005		
	2020-01	2520-01
2004-2002		
	2015-11	2515-11
2001 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2001 [w/Cam-on Filler Neck]		
	2015-11	2515-11
2000		
	2015-11	2515-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Light Trucks (Continued)		
F-250 Super Duty (Continued)		
V8 - 5.4L		
2009-2005	2020-01	2520-01
2004-2002	2015-11	2515-11
2001 [w/ Threaded Filler Neck]	2014-11	2514-11
2001 [w/Cam-on Filler Neck]	2015-11	2515-11
2000	2015-11	2515-11
V8 - 6.0L		
2007-2004	2014-11	2514-11
2003 [w/ Threaded Filler Neck]	2014-11	2514-11
2003 [w/Cam-on Filler Neck]	2015-11	2515-11
V8 - 6.4L		
2008	2014-11	2514-11
V8 - 7.3L		
2003	2015-11	2515-11
2002 [w/ Threaded Filler Neck]	2014-11	2514-11
2002 [w/Cam-on Filler Neck]	2015-11	2515-11
2001 [w/ Threaded Filler Neck]	2014-11	2514-11
2001 [w/Cam-on Filler Neck]	2015-11	2515-11
2000	2014-11	2514-11
F-350 Super Duty		
V10 - 6.8L		
2009-2005	2020-01	2520-01
2004-2002	2015-11	2515-11
2001 [w/ Threaded Filler Neck]	2014-11	2514-11
2001 [w/Cam-on Filler Neck]	2015-11	2515-11
2000	2015-11	2515-11
V8 - 5.4L		
2009-2005	2020-01	2520-01
2004-2002	2015-11	2515-11
2001 [w/ Threaded Filler Neck]	2014-11	2514-11
2001 [w/Cam-on Filler Neck]	2015-11	2515-11
2000	2015-11	2515-11
V8 - 6.0L		
2007-2004	2014-11	2514-11
2003 [w/ Threaded Filler Neck]	2014-11	2514-11
2003 [w/Cam-on Filler Neck]	2015-11	2515-11
V8 - 6.4L		
2008	2014-11	2514-11

Application	Standard	Locking
Ford (Continued)		
Light Trucks (Continued)		
F-350 Super Duty (Continued)		
V8 - 7.3L		
2003-2002	2015-11	2515-11
2001 [w/ Threaded Filler Neck]	2014-11	2514-11
2001 [w/Cam-on Filler Neck]	2015-11	2515-11
2000	2014-11	2514-11
Medium/Heavy Trucks		
C700		
Ford V-8 6.1 L		
1982 [w/50, 75 Gal. Tank]	2003-11	2503-11
Ford V-8 7.0 L		
1982 [w/50, 75 Gal. Tank]	2003-11	2503-11
C800		
Ford V-8 6.1 L		
1982 [w/50, 75 Gal. Tank]	2003-11	2503-11
Ford V-8 7.0 L		
1982 [w/50, 75 Gal. Tank]	2003-11	2503-11
CT800		
Ford V-8 6.1 L		
1982-1980 [w/50, 75 Gal. Tank]	2003-11	2503-11
Ford V-8 7.0 L		
1982-1980 [w/50, 75 Gal. Tank]	2003-11	2503-11
CT900		
Ford V-8 7.8 L		
1980 [w/50, 75 Gal. Tank]	2003-11	2503-11
Ford V-8 8.8 L		
1980 [w/50, 75 Gal. Tank]	2003-11	2503-11
E450 Super Duty		
Ford V-8 5.4 L		
2005	2020-01	2520-01
2003-2002 [w/o Stripped Chassis]	2015-11	2515-11
2001 [w/Cam-on Filler Neck]	2015-11	2515-11
2001 [w/Threaded Filler Neck]	2016-11	2516-11
2000	2015-11	2515-11
Ford V-8 7.3 L Diesel		
1998 [w/Cam-on Filler Neck]	2015-11	2515-11
F Super Duty		
Ford V-8 7.5 L		
1988	2014-11	2514-11
F450 Super Duty		
Ford V-10 6.8 L		
2004 [w/Cam-on Filler Neck]	2015-11	2515-11
1999	2015-11	2515-11
F550 Super Duty		
Ford V-10 6.8 L		
2004 [w/Cam-on Filler Neck]	2015-11	2515-11
1999	2015-11	2515-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
F700		
Cummins B Series 5.9 L Diesel		
1997 [w/18 Gal. Tank]		
	2009-11	2509-11
F800		
Cummins B Series 5.9 L Diesel		
1997 [w/18 Gal. Tank]		
	2009-11	2509-11
1994 [w/18 Gal. Tank]		
	2009-11	2509-11
Cummins C Series 8.3 L Diesel		
1997 [w/18 Gal. Tank]		
	2009-11	2509-11
1994 [w/18 Gal. Tank]		
	2009-11	2509-11
Cummins ISC Diesel		
1999-1998 [w/18 Gal. Tank]		
	2009-11	2509-11
L800		
Ford V-8 6.1 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 7.0 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
L8000		
Caterpillar 3126 Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3176 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3306 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Caterpillar C12 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins B Series 5.9 L Diesel		
1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins ISB Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISM Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1992-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins M11 Diesel		
1997-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1998-1994 [w/50 Gal. Tank]		
	2003-11	2503-11

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
L8000 (Continued)		
Detroit Diesel Series 60 Diesel		
1998-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 6.6 L Diesel		
1993-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 7.8 L Diesel		
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
L900		
Ford V-8 7.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 8.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
L9000		
Caterpillar 3176 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3306 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins B Series 5.9 L Diesel		
1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISM Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1992-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins M11 Diesel		
1997-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Detroit Diesel Series 60 Diesel		
1993-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
LA9000		
Caterpillar 3176 Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
1995-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
1992-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LA9000 (Continued)		
Caterpillar C10 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C12 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins B Series 5.9 L Diesel		
1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISM Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins M11 Diesel		
1997-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1998-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Detroit Diesel 6-Cyl. 11.1 L Diesel		
1997 [w/50 Gal. Tank]		
	2003-11	2503-11
LN600		
Ford V-8 6.1 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LN700		
Ford V-8 6.1 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 7.0 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LN7000		
Caterpillar 3406 Diesel		
1995 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins B Series 5.9 L Diesel		
1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 6.6 L Diesel		
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 7.8 L Diesel		
1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LN800		
Ford V-8 6.1 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 7.0 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LN8000		
Caterpillar 3126 Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins B Series 5.9 L Diesel		
1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1992 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 6.6 L Diesel		
1993-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 7.8 L Diesel		
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
LN900		
Ford V-8 7.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 8.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LN9000		
Caterpillar 3176 Diesel		
1995-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
LNT800		
Ford V-8 6.1 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LNT800 (Continued)		
Ford V-8 7.0 L		
1982-1981		
	2012-11	2512-11
1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LNT8000		
Caterpillar 3126 Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 6.6 L Diesel		
1993-1991 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 7.8 L Diesel		
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
LNT900		
Ford V-8 7.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 8.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LNT9000		
Caterpillar 3176 Diesel		
1995-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1995-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
1993-1990 [w/50, 75 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
LS8000		
Caterpillar 3126 Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3176 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1991 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C12 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LS8000 (Continued)		
Cummins C Series 8.3 L Diesel		
1997-1993 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISB Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISM Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins M11 Diesel		
1997-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1998-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Detroit Diesel Series 60 Diesel		
1998-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
LS9000		
Caterpillar 3176 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3306 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C10 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1993 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISM Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins M11 Diesel		
1997-1996 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
LT800		
Ford V-8 6.1 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 7.0 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LT8000		
Caterpillar 3406 Diesel		
1995-1994 [w/50 Gal. Tank]		
	2003-11	2503-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LT8000 (Continued)		
Caterpillar C10 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1993 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 6.6 L Diesel		
1993-1991 [w/50 Gal. Tank]		
	2003-11	2503-11
LT900		
Ford V-8 7.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 8.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LT9000		
Caterpillar 3176 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3306 Diesel		
1996-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C10 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C12 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1993 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Detroit Diesel Series 60 Diesel		
1994-1992 [w/50 Gal. Tank]		
	2003-11	2503-11
LTS800		
Ford V-8 7.0 L		
1982		
	2012-11	2512-11
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LTS8000		
Caterpillar 3406 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C10 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1993 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins ISC Diesel		
1998 [w/50 Gal. Tank]		
	2003-11	2503-11

Application	Standard	Locking
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LTS8000 (Continued)		
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 6.6 L Diesel		
1993-1991 [w/50 Gal. Tank]		
	2003-11	2503-11
Ford 6-Cyl. 7.8 L Diesel		
1993-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
LTS900		
Ford V-8 7.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
Ford V-8 8.8 L		
1981-1980 [w/25 Gal. Plastic Tank]		
	2012-11	2512-11
LTS9000		
Caterpillar 3176 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3306 Diesel		
1996-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar 3406 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C10 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Caterpillar C12 Diesel		
1998-1997 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins C Series 8.3 L Diesel		
1997-1993 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins L10 Diesel		
1997-1990 [w/50 Gal. Tank]		
	2003-11	2503-11
Cummins N14 Diesel		
1997-1994 [w/50 Gal. Tank]		
	2003-11	2503-11
Detroit Diesel Series 60 Diesel		
1994-1992 [w/50 Gal. Tank]		
	2003-11	2503-11
Tractors		
1100		
Shibaura 2-Cyl. 43 Diesel		
1982-1981		
	2009-11	2509-11
1110		
Shibaura 2-Cyl. 43 Diesel		
1986-1983		
	2009-11	2509-11
1200		
Shibaura 2-Cyl. 49 Diesel		
1982-1981		
	2009-11	2509-11
1210		
Shibaura 3-Cyl. 54 Diesel		
1986-1983		
	2009-11	2509-11
1300		
Shibaura 2-Cyl. 49 Diesel		
1982-1981		
	2009-11	2509-11
1500		
Shibaura 2-Cyl. 61 Diesel		
1982-1981		
	2009-11	2509-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford (Continued)		
Tractors (Continued)		
1500 (Continued)		
Shibaura 2-Cyl. 69 Diesel 1982-1981		
	2009-11	2509-11
1710		
Shibaura 3-Cyl. 85 Diesel 1986-1985		
	2009-11	2509-11
1983		
	2009-11	2509-11
1900		
Shibaura 3-Cyl. 87 Diesel 1982-1981		
	2009-11	2509-11
2310		
Ford 3-Cyl. 158 Diesel 1982		
	2009-11	2509-11
2600		
Ford 3-Cyl. 158 1981-1980		
	2009-11	2509-11
Ford 3-Cyl. 158 Diesel 1981-1980		
	2009-11	2509-11
2610		
Ford 3-Cyl. 158 1982		
	2009-11	2509-11
Ford 3-Cyl. 175 Diesel 1982		
	2009-11	2509-11
3600		
Ford 3-Cyl. 175 1981-1980		
	2009-11	2509-11
Ford 3-Cyl. 175 Diesel 1981-1980		
	2009-11	2509-11
3610		
Ford 3-Cyl. 175 1982		
	2009-11	2509-11
Ford 3-Cyl. 192 Diesel 1982		
	2009-11	2509-11
4100		
Ford 3-Cyl. 183 1981-1980		
	2009-11	2509-11
Ford 3-Cyl. 183 Diesel 1981-1980		
	2009-11	2509-11
4600		
Ford 3-Cyl. 192 1981-1980		
	2009-11	2509-11
Ford 3-Cyl. 201 Diesel 1981-1980		
	2009-11	2509-11
5600		
Ford 4-Cyl. 233 Diesel 1981-1980		
	2009-11	2509-11
6600		
Ford 4-Cyl. 256 1981-1980		
	2009-11	2509-11

Application	Standard	Locking
Ford (Continued)		
Tractors (Continued)		
6600 (Continued)		
Ford 4-Cyl. 256 Diesel 1981-1980		
	2009-11	2509-11
6700 EC2		
Ford 4-Cyl. 255 Diesel 1981-1980		
	2009-11	2509-11
7600		
Ford 4-Cyl. 255 Diesel 1981-1980		
	2009-11	2509-11
Ford 4-Cyl. 268 Diesel 1981-1980		
	2009-11	2509-11
7700		
Ford 4-Cyl. 255 Diesel 1981-1980		
	2009-11	2509-11
Ford 4-Cyl. 268 Diesel 1981-1980		
	2009-11	2509-11
FW20		
Cummins V-8 555 Diesel 1980		
	2004-11	2504-11
FW30		
Cummins V-8 903 Diesel 1980		
	2004-11	2504-11
TW10		
Ford 6-Cyl. 401 Diesel 1983-1980		
	2009-11	2509-11
TW15		
Ford 6-Cyl. 401 Diesel 1986		
	2009-11	2509-11
1984-1983		
	2009-11	2509-11
TW20		
Ford 6-Cyl. 401 Diesel 1983-1980		
	2009-11	2509-11
TW25		
Ford 6-Cyl. 401 Diesel 1986		
	2009-11	2509-11
1984-1983		
	2009-11	2509-11
TW30		
Ford 6-Cyl. 401 Diesel 1983-1980		
	2009-11	2509-11
TW35		
Ford 6-Cyl. 401 Diesel 1986-1983		
	2009-11	2509-11
TW5		
Ford 6-Cyl. 401 Diesel 1986		
	2009-11	2509-11
1984-1983		
	2009-11	2509-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford-New Holland		
Tractors		
1120		
Shibaura 3-Cyl. 54 Diesel		
1991-1990		
	2009-11	2509-11
1988		
	2009-11	2509-11
1215		
Shibaura 3-Cyl. 54 Diesel		
1998-1993		
	2009-11	2509-11
1220		
Shibaura 3-Cyl. 58 Diesel		
1993-1991		
	2009-11	2509-11
1989-1988		
	2009-11	2509-11
1310		
Shibaura 3-Cyl. 58 Diesel		
1986-1983		
	2009-11	2509-11
1320		
Shibaura 3-Cyl. 77 Diesel		
1996		
	2009-11	2509-11
1994		
	2009-11	2509-11
1991		
	2009-11	2509-11
1989-1988		
	2009-11	2509-11
1510		
Shibaura 3-Cyl. 68 Diesel		
1986-1985		
	2009-11	2509-11
1983		
	2009-11	2509-11
1520		
Shibaura 3-Cyl. 81 Diesel		
1998-1995		
	2009-11	2509-11
1993-1991		
	2009-11	2509-11
1989-1988		
	2009-11	2509-11
1620		
Shibaura 3-Cyl. 81 Diesel		
1997-1996		
	2009-11	2509-11
1993-1992		
	2009-11	2509-11
1715		
Shibaura 3-Cyl. 81 Diesel		
1996		
	2009-11	2509-11
1994-1993		
	2009-11	2509-11
1720		
Shibaura 3-Cyl. 91 Diesel		
2000-1995		
	2009-11	2509-11
1992-1991		
	2009-11	2509-11
1989-1987		
	2009-11	2509-11
1910		
Shibaura 3-Cyl. 104 Diesel		
1986-1985		
	2009-11	2509-11
1983		
	2009-11	2509-11

Application	Standard	Locking
Ford-New Holland (Continued)		
Tractors (Continued)		
1920		
Shibaura 4-Cyl. 122 Diesel		
2000-1993		
	2009-11	2509-11
1991		
	2009-11	2509-11
1989-1988		
	2009-11	2509-11
2120		
Shibaura 4-Cyl. 139 Diesel		
2000-1998		
	2009-11	2509-11
1996		
	2009-11	2509-11
1991		
	2009-11	2509-11
1989-1988		
	2009-11	2509-11
2810		
Ford 3-Cyl. 158 Diesel		
1987-1984		
	2009-11	2509-11
2910		
Ford 3-Cyl. 175 Diesel		
1989-1988		
	2009-11	2509-11
1986-1983		
	2009-11	2509-11
3010S		
Iveco 3-Cyl. 165 Diesel		
2000-1996		
	2009-11	2509-11
3415		
Ford 4-Cyl. 135 Diesel		
2002-1995		
	2009-11	2509-11
1993		
	2009-11	2509-11
3910		
Ford 3-Cyl. 192 Diesel		
1989-1983		
	2009-11	2509-11
4610		
Ford 3-Cyl. 201 Diesel		
1989-1983		
	2009-11	2509-11
5610		
Ford 4-Cyl. 256 Diesel		
1992-1982		
	2009-11	2509-11
5610S		
Genesis 4-Cyl. 268 Diesel		
1996		
	2009-11	2509-11
1994		
	2009-11	2509-11
Genesis 4-Cyl. 304 Diesel		
2000-1996		
	2009-11	2509-11
6610		
Ford 4-Cyl. 268 Diesel		
1991-1981		
	2009-11	2509-11
6610S		
Genesis 4-Cyl. 304 Diesel		
2003-1994		
	2009-11	2509-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Ford-New Holland (Continued)		
Tractors (Continued)		
7610		
Ford 4-Cyl. 268 Diesel		
1990-1986		
	2009-11	2509-11
1984-1982		
	2009-11	2509-11
7710		
Ford 4-Cyl. 268 Diesel		
1991		
	2009-11	2509-11
1989-1982		
	2009-11	2509-11
7810		
Ford 6-Cyl. 401 Diesel		
1990		
	2009-11	2509-11
1987-1986		
	2009-11	2509-11
8210		
Ford 6-Cyl. 401 Diesel		
1990-1986		
	2009-11	2509-11
8630		
Ford 6-Cyl. 401 Diesel		
1993-1990		
	2009-11	2509-11
8730		
Ford 6-Cyl. 401 Diesel		
1992		
	2009-11	2509-11
1990		
	2009-11	2509-11
8830		
Ford 6-Cyl. 401 Diesel		
1992-1990		
	2009-11	2509-11
TW15		
Ford 6-Cyl. 401 Diesel		
1989-1987		
	2009-11	2509-11
TW25		
Ford 6-Cyl. 401 Diesel		
1989-1987		
	2009-11	2509-11
TW35		
Ford 6-Cyl. 401 Diesel		
1989-1987		
	2009-11	2509-11
TW5		
Ford 6-Cyl. 401 Diesel		
1987		
	2009-11	2509-11
Gleaner		
Combines		
F2		
Allis-Chalmers 4-Cyl. 200 Diesel		
1981-1980		
	2004-11	2504-11
Chevrolet 6-Cyl. 292		
1981-1980		
	2004-11	2504-11
F3		
Allis-Chalmers 4-Cyl. 200 Diesel		
1987-1985		
	2004-11	2504-11

Application	Standard	Locking
Gleaner (Continued)		
Combines (Continued)		
L2		
Allis-Chalmers 6-Cyl. 301 Diesel		
1982		
	2004-11	2504-11
1980		
	2004-11	2504-11
Allis-Chalmers 6-Cyl. 426 Diesel		
1982		
	2004-11	2504-11
1980		
	2004-11	2504-11
L3		
Allis-Chalmers 6-Cyl. 301 Diesel		
1987		
	2004-11	2504-11
1985		
	2004-11	2504-11
1983		
	2004-11	2504-11
Allis-Chalmers 6-Cyl. 426 Diesel		
1987		
	2004-11	2504-11
1985		
	2004-11	2504-11
1983		
	2004-11	2504-11
M2		
Allis-Chalmers 6-Cyl. 301 Diesel		
1981		
	2004-11	2504-11
M3		
Allis-Chalmers 6-Cyl. 301 Diesel		
1988		
	2004-11	2504-11
1984		
	2004-11	2504-11
Allis-Chalmers 6-Cyl. 426 Diesel		
1984		
	2004-11	2504-11
GMC		
Light Trucks		
C2500		
V8 - 5.7L		
2000		
	2014-11	2514-11
V8 - 6.5L		
2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
C3500		
V8 - 5.7L		
2000		
	2014-11	2514-11
V8 - 6.5L		
2002-2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
V8 - 8.1L		
2002-2001		
	2014-11	2514-11
K2500		
V8 - 5.7L		
2000		
	2014-11	2514-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
GMC (Continued)		
Light Trucks (Continued)		
K2500 (Continued)		
V8 - 6.5L		
2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
K3500		
V8 - 5.7L		
2000		
	2014-11	2514-11
V8 - 6.5L		
2000		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2014-11	2514-11
Safari		
V6 - 4.3L		
2005-2000		
	2017-11	2517-11
Savana 1500		
V6 - 4.3L		
2009-2005		
	2021-01	2521-01
2004-2000		
	2017-11	2517-11
V8 - 5.0L		
2002-2000		
	2017-11	2517-11
V8 - 5.3L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 5.7L		
2002-2000		
	2017-11	2517-11
Savana 2500		
V6 - 4.3L		
2005		
	2021-01	2521-01
2004-2000		
	2017-11	2517-11
V8 - 4.8L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 5.0L		
2002-2000		
	2017-11	2517-11
V8 - 5.3L		
2005-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 5.7L		
2002-2000		
	2017-11	2517-11
V8 - 6.0L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 6.5L		
2002-2000		
	2014-11	2514-11

Application	Standard	Locking
GMC (Continued)		
Light Trucks (Continued)		
Savana 2500 (Continued)		
V8 - 6.6L		
2009		
	2021-01	2521-01
2008-2006		
	2014-11	2514-11
Savana 3500		
V8 - 4.8L		
2009-2006		
	2021-01	2521-01
2004		
	2021-01	2521-01
V8 - 5.7L		
2002-2000		
	2017-11	2517-11
V8 - 6.0L		
2009-2004		
	2021-01	2521-01
2003		
	2017-11	2517-11
V8 - 6.5L		
2002-2000		
	2014-11	2514-11
V8 - 6.6L		
2008-2006		
	2014-11	2514-11
V8 - 7.4L		
2000		
	2017-11	2517-11
V8 - 8.1L		
2002-2001		
	2017-11	2517-11
Sieraa C2		
V8 - 6.0L		
2001		
	2014-11	2514-11
Sierra 1500		
V6 - 4.3L		
2009		
	2021-01	2521-01
2007-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
V8 - 4.8L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
V8 - 5.3L		
2009-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
GMC (Continued)		
Light Trucks (Continued)		
Sierra 1500 (Continued)		
V8 - 6.0L		
2009-2008		
	2021-01	2521-01
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2006		
	2021-01	2521-01
V8 - 6.2L		
2009		
	2021-01	2521-01
Sierra 1500 HD		
V8 - 6.0L		
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2006 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2006 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2005		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
Sierra 2500		
V8 - 5.3L		
2000		
	2014-11	2514-11
V8 - 6.0L		
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2000		
	2014-11	2514-11
Sierra 2500 HD		
V8 - 6.0L		
2009-2008		
	2021-01	2521-01
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2006 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2006 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
V8 - 6.6L		
2009		
	2021-01	2521-01
2008-2001		
	2014-11	2514-11

Application	Standard	Locking
GMC (Continued)		
Light Trucks (Continued)		
Sierra 2500 HD (Continued)		
V8 - 8.1L		
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2006-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
Sierra 3500		
V8 - 6.0L		
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2006 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2006 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
V8 - 6.6L		
2007-2001		
	2014-11	2514-11
V8 - 8.1L		
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2006-2005		
	2021-01	2521-01
2004 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
2003-2001		
	2014-11	2514-11
Sierra 3500 HD		
V8 - 6.0L		
2009-2008		
	2021-01	2521-01
2007 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007 [w/Cam-on Filler Neck]		
	2021-01	2521-01
V8 - 6.6L		
2009		
	2021-01	2521-01
2008-2007		
	2014-11	2514-11
Sierra Denali		
V8 - 6.0L		
2007-2002 [w/ Threaded Filler Neck]		
	2014-11	2514-11
2007-2004 [w/Cam-on Filler Neck]		
	2021-01	2521-01
V8 - 6.2L		
2009-2007		
	2021-01	2521-01

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
GMC (Continued)		
Medium/Heavy Trucks		
Astro		
Caterpillar 3406 Diesel 1983-1980		
	2007-00 [10]	2507-00 [10]
Cummins 6-Cyl. 14.0 L Diesel 1988-1980		
	2007-00 [10]	2507-00 [10]
Detroit Diesel 6-71 Diesel 1983-1980		
	2007-00 [10]	2507-00 [10]
Detroit Diesel 6V-92 Diesel 1988-1980		
	2007-00 [10]	2507-00 [10]
Detroit Diesel 8V-71 Diesel 1983-1980		
	2007-00 [10]	2507-00 [10]
Detroit Diesel 8V-92 Diesel 1988-1980		
	2007-00 [10]	2507-00 [10]
P3500		
GM V-8 6.5 L Diesel 1995-1994		
	2014-11	2514-11
P6T042		
Detroit Diesel V-8 8.2 L Diesel 1990-1983		
	2001-11 [10]	2501-11 [10]
School Buses		
B6000 B6P Series		
Detroit Diesel V-8 8.2 L Diesel 1991-1983		
	2001-11 [10]	2501-11 [10]
GM V-8 5.7 L 1987-1983		
	2001-11 [10]	2501-11 [10]
GM V-8 6.0 L 1987-1983		
	2001-11 [10]	2501-11 [10]
GM V-8 7.0 L 1985-1983		
	2001-11 [10]	2501-11 [10]
S7000 S7T Series		
Detroit Diesel V-8 8.2 L Diesel 1992-1988		
	2001-11 [10]	2501-11 [10]
International Harvester		
Tractors		
140		
IH 4-Cyl. 123 1980		
	2010-00	2513-11
284		
Mazda 4-Cyl. 71 1984-1980		
	2010-00	2513-11
4386		
IH 6-Cyl. 466 Diesel 1981-1980		
	2010-00	2513-11
4586		
IH V-8 798 Diesel 1981-1980		
	2010-00	2513-11
4786		
IH V-8 798 Diesel 1981-1980		
	2010-00	2513-11

Application	Standard	Locking
International/Navistar		
Medium/Heavy Trucks		
1452 SC		
International/Navistar V-8 7.3 L Diesel 1991 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
1624		
International/Navistar V345 1981		
	2012-11	2512-11
1652 SC		
International/Navistar DT360 Diesel 1993-1992 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
International/Navistar V-8 7.3 L Diesel 1992-1991 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
1724		
International/Navistar MV404 1981		
	2012-11	2512-11
International/Navistar V345 1981		
	2012-11	2512-11
International/Navistar V392 1981		
	2012-11	2512-11
1824		
International/Navistar MV404 1981		
	2012-11	2512-11
International/Navistar V345 1981		
	2012-11	2512-11
International/Navistar V392 1981		
	2012-11	2512-11
1854		
Caterpillar 3208 Diesel 1981		
	2012-11	2512-11
International/Navistar DT466 Diesel 1981		
	2012-11	2512-11
International/Navistar V-8 9.0 L Diesel 1981		
	2012-11	2512-11
1924		
International/Navistar MV404 1981		
	2012-11	2512-11
International/Navistar MV446 1981		
	2012-11	2512-11
2125		
International/Navistar V537 1981		
	2012-11	2512-11
2524		
International/Navistar V537 1981		
	2001-11 [10]	2501-11 [10]
2554		
Caterpillar 3208 Diesel 1981		
	2001-11 [10]	2501-11 [10]
International/Navistar DT466 Diesel 1981		
	2001-11 [10]	2501-11 [10]

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

(10) Use only on tanks requiring a non-vented cap.

Fuel Cap Applications

Application	Standard	Locking
International/Navistar (Continued)		
Medium/Heavy Trucks (Continued)		
2574		
Caterpillar 3406 Diesel		
1981		
	2001-11 [10]	2501-11 [10]
Detroit Diesel 6-71 Diesel		
1981		
	2001-11 [10]	2501-11 [10]
Detroit Diesel 6V-92 Diesel		
1981		
	2001-11 [10]	2501-11 [10]
Detroit Diesel 8V-71 Diesel		
1981		
	2001-11 [10]	2501-11 [10]
2674		
Cummins 6-Cyl. 14.0 L Diesel		
1981		
	2001-11 [10]	2501-11 [10]
4600		
International/Navistar T444 Diesel		
1992 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
4700		
International/Navistar DT360 Diesel		
1992-1991 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
4800		
International/Navistar DT360 Diesel		
1992 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
International/Navistar DT466 Diesel		
1992 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
4900		
International/Navistar DT466 Diesel		
1992 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
7100		
International/Navistar DT466 Diesel		
1992 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
Metro II		
International/Navistar V-8 7.3 L Diesel		
1992-1991 [w/o 60 Gal. Cylindrical Tank]		
	2001-11 [10]	2501-11 [10]
Isuzu		
Medium/Heavy Trucks		
NPR		
GM V-8 5.7 L		
1998		
	2017-11	2517-11
John Deere		
Combines		
4420		
John Deere 6-Cyl. 359 Diesel		
1986-1980		
	2009-11	2509-11
Tractors		
1050		
Yanmar 3-Cyl. 105 Diesel		
1989-1988		
	2009-11	2509-11
1070		
Yanmar 4-Cyl. 116 Diesel		
1998-1989		
	2009-11	2509-11
4040		
John Deere 6-Cyl. 404 Diesel		
1981-1980		
	2009-11	2509-11

Application	Standard	Locking
John Deere (Continued)		
Tractors (Continued)		
4050		
John Deere 6-Cyl. 359 Diesel		
1988-1987		
	2009-11	2509-11
John Deere 6-Cyl. 466 Diesel		
1985		
	2009-11	2509-11
1983		
	2009-11	2509-11
4055		
John Deere 6-Cyl. 466 Diesel		
1992		
	2009-11	2509-11
1990-1989		
	2009-11	2509-11
4240		
John Deere 6-Cyl. 466 Diesel		
1981-1980		
	2009-11	2509-11
4250		
John Deere 6-Cyl. 466 Diesel		
1988-1987		
	2009-11	2509-11
1984-1983		
	2009-11	2509-11
4255		
John Deere 6-Cyl. 466 Diesel		
1992-1991		
	2009-11	2509-11
1989		
	2009-11	2509-11
4440		
John Deere 6-Cyl. 466 Diesel		
1981-1980		
	2009-11	2509-11
4450		
John Deere 6-Cyl. 466 Diesel		
1988-1987		
	2009-11	2509-11
1985		
	2009-11	2509-11
1983		
	2009-11	2509-11
4455		
John Deere 6-Cyl. 466 Diesel		
1992-1989		
	2009-11	2509-11
4555		
John Deere 6-Cyl. 466 Diesel		
1992		
	2004-11	2504-11
1990		
	2004-11	2504-11
4560		
John Deere 6-Cyl. 466 Diesel		
1994-1992		
	2004-11	2504-11
4650		
John Deere 6-Cyl. 466 Diesel		
1988-1986		
	2004-11	2504-11
1983		
	2004-11	2504-11
4755		
John Deere 6-Cyl. 466 Diesel		
1990-1989		
	2004-11	2504-11

(10) Use only on tanks requiring a non-vented cap.

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
John Deere (Continued)		
Tractors (Continued)		
4760		
John Deere 6-Cyl. 466 Diesel		
1994-1992		
	2004-11	2504-11
4850		
John Deere 6-Cyl. 466 Diesel		
1988-1986		
	2004-11	2504-11
1983		
	2004-11	2504-11
4955		
John Deere 6-Cyl. 466 Diesel		
1990-1989		
	2004-11	2504-11
4960		
John Deere 6-Cyl. 466 Diesel		
1994-1992		
	2004-11	2504-11
670		
Yanmar 3-Cyl. 54 Diesel		
1997-1989		
	2009-11	2509-11
770		
Yanmar 3-Cyl. 83 Diesel		
1997-1990		
	2009-11	2509-11
8650		
John Deere 6-Cyl. 619 Diesel		
1987-1986		
	2004-11	2504-11
1982		
	2004-11	2504-11
870		
Yanmar 3-Cyl. 87 Diesel		
1999-1989		
	2009-11	2509-11
8760		
John Deere 6-Cyl. 619 Diesel		
1993-1992		
	2004-11	2504-11
8850		
John Deere V-8 955 Diesel		
1983-1982		
	2004-11	2504-11
8960		
Cummins 6-Cyl. 855 Diesel		
1993-1992		
	2004-11	2504-11
970		
Yanmar 4-Cyl. 111 Diesel		
1998-1989		
	2009-11	2509-11
Massey Ferguson		
Combines		
540SP		
Perkins 4-Cyl. 318 Diesel		
1981-1980		
	2009-11	2509-11
550		
Perkins 6-Cyl. 354 Diesel		
1985		
	2010-00	2513-11
1984-1980		
	2009-11	2509-11
550SP		
Perkins 6-Cyl. 354 Diesel		
1981-1980		
	2009-11	2509-11

Application	Standard	Locking
Massey Ferguson (Continued)		
Combines (Continued)		
750SP		
Perkins 6-Cyl. 354 Diesel		
1981-1980		
	2009-11	2509-11
760SP		
Perkins 6-Cyl. 354 Diesel		
1981-1980		
	2009-11	2509-11
850		
Perkins 6-Cyl. 354 Diesel		
1985		
	2010-00	2513-11
1983-1981		
	2009-11	2509-11
8560		
Cummins 6-Cyl. 5.9 L Diesel		
1990-1986		
	2004-11	2504-11
860		
Perkins 6-Cyl. 354 Diesel		
1985-1984		
	2010-00	2513-11
1983-1981		
	2009-11	2509-11
Tractors		
230		
Perkins 3-Cyl. 153 Diesel		
1983		
	2009-11	2509-11
1981-1980		
	2009-11	2509-11
245		
Perkins 3-Cyl. 153 Diesel		
1983-1980		
	2009-11	2509-11
255		
Perkins 4-Cyl. 203 Diesel		
1980		
	2009-11	2509-11
Perkins 4-Cyl. 236 Diesel		
1980		
	2009-11	2509-11
265		
Perkins 4-Cyl. 236 Diesel		
1983		
	2009-11	2509-11
1980		
	2009-11	2509-11
274		
Perkins 4-Cyl. 236 Diesel		
1987-1983		
	2009-11	2509-11
275		
Perkins 4-Cyl. 248 Diesel		
1983		
	2009-11	2509-11
1980		
	2009-11	2509-11
285		
Perkins 4-Cyl. 318 Diesel		
1982		
	2009-11	2509-11
40		
Perkins 3-Cyl. 153 Diesel		
1984-1983		
	2009-11	2509-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Fuel Cap Applications

Application	Standard	Locking
Mazda		
Light Trucks		
B2300		
L4 - 2.3L		
2008-2003		
	2020-01	2520-01
2002-2001		
	2014-11	2514-11
B2500		
L4 - 2.5L		
2001-2000		
	2015-11	2515-11
B3000		
V6 - 3.0L		
2007-2004		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
B4000		
V6 - 4.0L		
2008-2004		
	2020-01	2520-01
2003-2000		
	2015-11	2515-11
Nissan		
Light Trucks		
Titan		
V8 - 5.6L		
2009-2004		
	2018-11	2518-11
Toyota		
Light Trucks		
Tundra		
V6 - 3.4L		
2004-2003		
	2019-11	2519-11
2002-2000		
	2014-11	2514-11
V6 - 4.0L		
2008-2007		
	2014-11	2514-11
2006-2005		
	2019-11	2519-11
V8 - 4.7L		
2008-2007		
	2014-11	2514-11
2006-2003		
	2019-11	2519-11
2002-2000		
	2014-11	2514-11
V8 - 5.7L		
2008-2007		
	2014-11	2514-11
White		
Combines		
7300SP		
Chrysler V-8 318		
1981-1980		
	2010-00	2513-11
8700		
Perkins 6-Cyl. 354 Diesel		
1982-1980		
	2009-11	2509-11
8900		
Perkins 6-Cyl. 354 Diesel		
1984-1980		
	2009-11	2509-11
8920		
Perkins 6-Cyl. 354 Diesel		
1987-1984		
	2009-11	2509-11

Application	Standard	Locking
White (Continued)		
Combines (Continued)		
9700		
Perkins V-8 640 Diesel		
1984-1980		
	2009-11	2509-11
Tractors		
100		
Cummins 6-Cyl. 359 Diesel		
1989-1988		
	2010-00	2513-11
120		
Cummins 6-Cyl. 359 Diesel		
1989-1988		
	2010-00	2513-11
125 Workhorse		
Cummins 6-Cyl. 359 Diesel		
1991-1990		
	2010-00	2513-11
140		
Cummins 6-Cyl. 359 Diesel		
1989-1988		
	2010-00	2513-11
145 Workhorse		
Cummins 6-Cyl. 359 Diesel		
1992		
	2010-00	2513-11
160		
Cummins 6-Cyl. 505 Diesel		
1989-1988		
	2010-00	2513-11
170 Workhorse		
Cummins 6-Cyl. 505 Diesel		
1991-1990		
	2010-00	2513-11
185		
Cummins 6-Cyl. 505 Diesel		
1989-1987		
	2010-00	2513-11
195 Workhorse		
Cummins 6-Cyl. 505 Diesel		
1992-1990		
	2010-00	2513-11
2-105		
Perkins 6-Cyl. 354 Diesel		
1981-1980		
	2010-00	2513-11
2-110		
Perkins 6-Cyl. 354 Diesel		
1987-1982		
	2010-00	2513-11
2-135		
White 6-Cyl. 478 Diesel		
1982-1980		
	2010-00	2513-11
2-155		
White 6-Cyl. 478 Diesel		
1982-1980		
	2010-00	2513-11
2-180		
Caterpillar 3208 Diesel		
1982-1980		
	2010-00	2513-11
Feb-55		
Isuzu 4-Cyl. 199 Diesel		
1986-1985		
	2010-00	2513-11
Feb-65		
Isuzu 4-Cyl. 235 Diesel		
1986-1985		
	2010-00	2513-11
Feb-70		

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Application	Standard	Locking
White (Continued)		
Tractors (Continued)		
2-70 (Continued)		
White 6-Cyl. 265 1981-1980		
	2010-00	2513-11
White 6-Cyl. 283 Diesel 1981-1980		
	2010-00	2513-11
Feb-75		
Isuzu 6-Cyl. 329 Diesel 1986-1985		
	2010-00	2513-11
Feb-85		
Perkins 6-Cyl. 354 Diesel 1981-1980		
	2010-00	2513-11
Feb-88		
Perkins 6-Cyl. 354 Diesel 1986		
	2010-00	2513-11
1984-1982		
	2010-00	2513-11
4-225		
Caterpillar 3208 Diesel 1987-1984		
	2010-00	2513-11
4-270		
Caterpillar 3306 Diesel 1986-1984		
	2004-11	2504-11
60 American		
Cummins 4-Cyl. 239 Diesel 1990-1989		
	2010-00	2513-11
80 American		
Cummins 4-Cyl. 239 Diesel 1991-1989		
	2010-00	2513-11

Refer to page 282 for Heavy Duty Fuel Caps by dimensions

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers				
Forklifts				
705C				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
706				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
706B				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
706C				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
708C				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
708C (Continued)				
Perkins 4-Cyl. 203 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
ACP100				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
C40E				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
F				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01	
Allis-Chalmers 4-Cyl. 175 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01	
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01	
Allis-Chalmers 6-Cyl. 230 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01	
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01	

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
F (Continued)				
Waukesha FC				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
F40				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
IH U4				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
F50				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
IH U4				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
F60				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
F60 (Continued)				
IH U4				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
FD				
Allis-Chalmers 4-Cyl. 153				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 4-Cyl. 175 Diesel				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 230				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 262 Diesel				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Waukesha FC				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
FDX				
Allis-Chalmers 4-Cyl. 153				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
FDX (Continued)				
Allis-Chalmers 4-Cyl. 175 Diesel				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 230				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 230 Diesel				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 262 Diesel				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Waukesha FC				
<All> [Series 30, 40, 50]				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
FL				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 4-Cyl. 175 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
FL (Continued)				
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Waukesha FC				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
FS				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 4-Cyl. 175 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
FS (Continued)				
Waukesha FC				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
FSD				
Allis-Chalmers 4-Cyl. 153				
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 4-Cyl. 175 Diesel				
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 230				
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 230 Diesel				
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Allis-Chalmers 6-Cyl. 262 Diesel				
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
Waukesha FC				
<All> [Series 60, 70, 80]				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
FSL				
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Forklifts (Continued)				
FSL (Continued)				
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
FT				
Allis-Chalmers 4-Cyl. 153				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 4-Cyl. 175 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 4-Cyl. 182				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 4-Cyl. 182 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 230 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
Waukesha FC				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	

Application	Standard	High Flow	Gasket or Seal
Allis-Chalmers (Continued)			
Forklifts (Continued)			
FT20			
Waukesha FC			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
FT25			
Waukesha FC			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
FTL			
Allis-Chalmers 4-Cyl. 153			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Allis-Chalmers 4-Cyl. 153 Diesel			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Allis-Chalmers 4-Cyl. 175 Diesel			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Allis-Chalmers 6-Cyl. 230			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Allis-Chalmers 6-Cyl. 230 Diesel			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Allis-Chalmers 6-Cyl. 262 Diesel			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Waukesha FC			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01

Application	Standard	High Flow	Gasket or Seal
Allis-Chalmers (Continued)			
Forklifts (Continued)			
FTL20			
Waukesha FC			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
FTL25			
Waukesha FC			
<All>			
	4001-60	5001-60	3005-01
	4001-70	5001-70	3005-01
	4001-80	5001-80	3005-01
	4001-95	5001-95	3005-01
	4001-05	5001-05	3005-01
Loader Backhoes			
615 Backhoe			
Allis-Chalmers 4-Cyl. 175 Diesel			
<All>			
	4005-60		
	4005-80		
Motor Graders			
145			
Allis-Chalmers 6000 Diesel			
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
145T			
Allis-Chalmers 7000 Diesel			
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
45			
Allis-Chalmers 10000 Diesel			
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
AD			
Detroit Diesel 3-71 Diesel			
<All> [Early]			
	4041-60		
	4041-70		
	4041-80		
<All> [Late]			
	4044-70		
	4044-80		
	4044-90		
Detroit Diesel 4-71 Diesel			
<All> [Early]			
	4041-60		
	4041-70		
	4041-80		
<All> [Late]			
	4044-70		
	4044-80		
	4044-90		
AD3			
Detroit Diesel 3-71 Diesel			
<All> [Early]			
	4041-60		
	4041-70		
	4041-80		
<All> [Late]			
	4044-70		
	4044-80		
	4044-90		

Application	Standard	High Flow	Gasket or Seal
Allis-Chalmers (Continued)			
Motor Graders (Continued)			
AD3 (Continued)			
Detroit Diesel 4-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		
AD30			
Detroit Diesel 3-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		
Detroit Diesel 4-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		
AD4			
Detroit Diesel 3-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		
Detroit Diesel 4-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		
AD40			
Detroit Diesel 3-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		
Detroit Diesel 4-71 Diesel			
<All> [Early]			
	4041-60 4041-70 4041-80		
<All> [Late]			
	4044-70 4044-80 4044-90		

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Motor Graders (Continued)				
AD40 (Continued)				
Detroit Diesel 6-71 Diesel				
<All> [Early]				
	4041-60 4041-70 4041-80			
<All> [Late]				
	4044-70 4044-80 4044-90			
BD				
GM 2-Cyl. 142 Diesel				
<All> [Late]				
	4044-70 4044-80 4044-90			
BD2				
GM 2-Cyl. 142 Diesel				
<All> [Early]				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3002-01 3002-01 3002-01 3002-01 3002-01	3003-01 3003-01 3003-01 3003-01 3003-01
<All> [Late]				
	4044-70 4044-80 4044-90		3002-01 3002-01 3002-01	3003-01 3003-01 3003-01
BD3				
Detroit Diesel 3-71 Diesel				
<All> [Early]				
	4041-60 4041-70 4041-80			
<All> [Late]				
	4044-70 4044-80 4044-90			
M100				
Allis-Chalmers 10000 Diesel				
<All> [Early]				
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
M100B				
Allis-Chalmers 11000 Diesel				
<All> [Early]				
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
M70				
Allis-Chalmers 7000 Diesel				
<All> [Early]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal
Allis-Chalmers (Continued)			
Off-Road Haulers			
TR260			
Allis-Chalmers 16000 Diesel			
<All> [Early]			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Scrapers			
260			
Allis-Chalmers 19000 Mark II Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
260A			
Allis-Chalmers 21000 Mark II Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
260AE			
Allis-Chalmers 21000 Mark II Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
260E			
Allis-Chalmers 21000 Mark II Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
260EA			
Allis-Chalmers 21000 Mark II Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
460			
Allis-Chalmers 21000H Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
460B			
Allis-Chalmers 25000 Mark II Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
460C			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
560			
Allis-Chalmers 21000 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
Allis-Chalmers 25000 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02

Application	Standard	High Flow	Gasket or Seal
Allis-Chalmers (Continued)			
Scrapers (Continued)			
TS260			
Allis-Chalmers 15000 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
Allis-Chalmers 16000 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
Allis-Chalmers TD844 Diesel			
<All> [Early]			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
TS360			
Allis-Chalmers 21000 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
Wheel Dozers			
D30			
Allis-Chalmers 11000 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
D40			
Allis-Chalmers 21000H Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
Wheel Loaders			
545			
Allis-Chalmers 2900 Diesel			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01
545H			
Allis-Chalmers 2900 Diesel			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01
615 Wheel Loader			
Allis-Chalmers 4-Cyl. 175 Diesel			
<All>			
	4005-60 4005-80		
645			
Allis-Chalmers 3500 Diesel			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3005-01 3005-01 3005-01 3005-01 3005-01

(1) 2 Required. (2) 4 Required. (8) Seal included. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Wheel Loaders (Continued)				
645B				
Allis-Chalmers 3500 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
745				
Allis-Chalmers 11000 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
840B Articulated				
Allis-Chalmers 2800 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
918				
Allis-Chalmers 2800 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
940 Articulated				
Allis-Chalmers 2900 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
TL10				
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
TL11				
West Allis 4-Cyl. 226				
<All>				
	4004-60	5004-60	3002-01	3003-01
	4004-70		3002-01	3003-01
	4004-80	5004-80	3002-01	3003-01
	4004-95	5004-95	3002-01	3003-01
	4004-05		3002-01	3003-01
TL12				
Allis-Chalmers 6-Cyl. 262 Diesel				
<All>				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
Allis-Chalmers 6DA273 Diesel				
<All>				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
West Allis 4-Cyl. 226				
<All>				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
TL14				
Allis-Chalmers 6000 Diesel				
<All>				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	

Application	Standard	High Flow	Gasket or Seal	
Allis-Chalmers (Continued)				
Wheel Loaders (Continued)				
TL14 (Continued)				
Allis-Chalmers 6-Cyl. 262				
<All>				
	4005-60			
	4005-80			
TL14A				
Allis-Chalmers 6-Cyl. 262				
<All>				
	4005-60		3002-01	3003-01
	4005-80		3002-01	3003-01
TL16				
Allis-Chalmers 7000 Diesel				
<All>				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
TL16A				
Allis-Chalmers 7000 Diesel				
<All>				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
TL20				
Allis-Chalmers 10000 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
TL30				
Allis-Chalmers 11000 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
TL40				
Allis-Chalmers 21000H Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
TL545				
Allis-Chalmers 2800 Diesel				
<All>				
	4001-60	5001-60	3005-01	
	4001-70	5001-70	3005-01	
	4001-80	5001-80	3005-01	
	4001-95	5001-95	3005-01	
	4001-05	5001-05	3005-01	
American Crane Corp.				
Cranes				
5530				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
597C				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal
American Crane Corp. (Continued)			
Excavators			
25			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1]		3019-02
	4006-80 [1]		3019-02
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
35			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
American LaFrance			
Medium/Heavy Trucks			
Eagle			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1998			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1998			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Metropolitan			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1998			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1998			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Amtran			
School Buses			
3800			
International/Navistar DT466 Diesel			
1998 [w/Electronic Eng.]			
	4051-90		
International/Navistar T444 Diesel			
2001-1997			
	4033-80 [7]		
	4033-95 [7]		
Conventional			
International/Navistar DT466 Diesel			
2003-2002 [w/Electronic Eng.]			
	4051-90		
FE			
International/Navistar DT466 Diesel			
2002 [w/Electronic Eng.]			
	4051-90		
International/Navistar T444 Diesel			
2002			
	4033-80 [7]		
	4033-95 [7]		
Genesis			
International/Navistar DT466 Diesel			
2001-1994 [w/Electronic Eng.]			
	4051-90		

Application	Standard	High Flow	Gasket or Seal
Amtran (Continued)			
School Buses (Continued)			
RE			
International/Navistar T444 Diesel			
2002-1993			
	4033-80 [7]		
	4033-95 [7]		
Austin-Western			
Compactors			
102			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
122			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
83			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
T104			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
T1386			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
T53			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
T84			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
Cranes			
410			
Detroit Diesel 3-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
714			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		
720			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1]		3019-02
	4006-80 [1]		3019-02
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
Motor Graders			
Pacer 100			
Detroit Diesel 3-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		

(1) 2 Required. (7) Remove seal on thermostat flange. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Austin-Western (Continued)				
Motor Graders (Continued)				
Pacer 200				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Pacer 300				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Pacer 301				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Pacer 400				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Pacer 500				
Detroit Diesel 6V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Super 100				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Super 200				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Super 300				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Super 400				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Super 500				
Detroit Diesel 6V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Autocar				
Medium/Heavy Trucks				
A Series				
Detroit Diesel 8V-71 Diesel				
1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	

Application	Standard	High Flow	Gasket or Seal	
Autocar (Continued)				
Medium/Heavy Trucks (Continued)				
AC Series				
Caterpillar 3306 Diesel				
1995-1988				
	4049-75		3002-01	3003-01
Caterpillar 3406 Diesel				
1995-1988				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3002-01 3002-01 3002-01 3002-01	3003-01 3003-01 3003-01 3003-01
Cummins L10 Diesel				
1995-1992 [w/Low Flow Cool.]				
	4053-75 [1]		3002-01	3003-01
1991-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1995-1992 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3002-01 3002-01 3002-01 3002-01	3003-01 3003-01 3003-01 3003-01
1991-1988 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel				
1995-1994				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3002-01 [4] 3002-01 [4] 3002-01 [4] 3002-01 [4]	3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel				
1995-1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3002-01 [4] 3002-01 [4] 3002-01 [4] 3002-01 [4]	3019-02 3019-02 3019-02 3019-02
1991-1988				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1995-1989				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1995-1989				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
AT Series				
Caterpillar 3406 Diesel				
1987-1983				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cement Mixer				
Cummins L10 Diesel				
1993 [w/Low Flow Cool.]				
	4053-75 [1]		3002-01	3003-01
1993 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3002-01 3002-01 3002-01 3002-01	3003-01 3003-01 3003-01 3003-01

(1) 2 Required. (4) Also requires 3003-01. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Autocar (Continued)				
Medium/Heavy Trucks (Continued)				
Constructor 2 Series				
Caterpillar 3208 Diesel				
1980				
	4048-80 [1]		3002-01	3003-01
	4048-90 [1]		3002-01	3003-01
Detroit Diesel 6-71 Diesel				
1981-1980				
	4041-60			
	4041-70			
	4041-80			
DC Series				
Caterpillar 3306 Diesel				
1985				
	4049-75		3002-01	3003-01
Caterpillar 3406 Diesel				
1985				
	4047-60 [8]		3002-01	3003-01
	4047-70 [8]		3002-01	3003-01
	4047-80 [8]		3002-01	3003-01
	4047-90 [8]		3002-01	3003-01
1984-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 8V-71 Diesel				
1985-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1981				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
DK Series				
Cummins L10 Diesel				
1988-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1988-1986 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
DS Series				
Cummins L10 Diesel				
1988-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1988-1986 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
KM Series				
Caterpillar 3306 Diesel				
1980				
	4049-75		3002-01	3003-01
S Series				
Detroit Diesel 8V-71 Diesel				
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
Autocar (Continued)				
Medium/Heavy Trucks (Continued)				
WX				
Caterpillar C10 Diesel				
2004-2003				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins ISC Diesel				
2008-2002 [w/Dual Thermostats]				
	4058-80 [1]			
2008-2002 [w/Single Thermostat]				
	4052-80 [8]			
WXLL				
Caterpillar C10 Diesel				
2003				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins ISC Diesel				
2008-2002 [w/Dual Thermostats]				
	4058-80 [1]			
2008-2002 [w/Single Thermostat]				
	4052-80 [8]			
Automatic Transportation				
Forklifts				
GLF100				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
GLF30				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
GLF40				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
GLF50				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
GLF60				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Automatic Transportation (Continued)				
Forklifts (Continued)				
GLF70				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLF80				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLFP30				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLFP40				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLFP50				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLFP60				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLFP70				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GLFP80				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Automatic Transportation (Continued)				
Forklifts (Continued)				
GMF150				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GMF160				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GMF180				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GMF200				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Baker				
Forklifts				
FD30				
Hercules QXD3				
<All>				
	4005-60 4005-80			
FD40				
Hercules QXD3				
<All>				
	4005-60 4005-80			
FD60				
Hercules QXD3				
<All>				
	4005-60 4005-80			
FG30				
Hercules QXD3				
<All>				
	4005-60 4005-80			
FG60				
Hercules QXD3				
<All>				
	4005-60 4005-80			
FGA030				
Hercules IXA3				
<All>				
	4005-60 4005-80			

(1) 2 Required. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Baker (Continued)				
Forklifts (Continued)				
FGA050				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162 LPG				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F163 LPG				
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Thermostat Applications

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Thermostat Applications

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Thermostat Applications

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Application	Standard	High Flow	Gasket or Seal	
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Application	Standard	High Flow	Gasket or Seal	
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Thermostat Applications

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Thermostat Applications

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Thermostat Applications

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Thermostat Applications

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Continental F162				
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	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Baker (Continued)				
Forklifts (Continued)				
FMF030 (Continued)				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules QXD3				
<All>				
	4005-60 4005-80			
FMF040				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules QXD3				
<All>				
	4005-60 4005-80			
FMF050				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Baker (Continued)				
Forklifts (Continued)				
FMF050 (Continued)				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules QXD3				
<All>				
	4005-60 4005-80			
FRH20				
Hercules QXD3				
<All>				
	4005-60 4005-80			
FRT80				
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
UT40				
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Bantam				
Cranes				
S588 Telekruiser				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
S626 Telekruiser				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
S628 Telekruiser				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
TD588 Telekrane				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Bantam (Continued)			
Excavators			
C166			
Detroit Diesel 4-53 Diesel			
<All>	4006-60 4006-80		
C266			
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
C366			
Detroit Diesel 6V-53 Diesel			
<All> [Early]	4006-60 (1) 4006-80 (1)		3019-02 3019-02
<All> [Late]	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
C451			
Detroit Diesel 4-53 Diesel			
<All>	4006-60 4006-80		
C475			
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
T644 Teleskoop			
Detroit Diesel 3-53 Diesel			
<All>	4006-60 4006-80		
T725A Teleskoop			
Detroit Diesel 4-53 Diesel			
<All>	4006-60 4006-80		
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Barber-Greene			
Dryers			
835			
Detroit Diesel 3-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
837			
Detroit Diesel 3-71 Diesel			
<All>	4041-60 4041-70 4041-80		

Application	Standard	High Flow	Gasket or Seal
Barber-Greene (Continued)			
Dryers (Continued)			
837 (Continued)			
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
838			
Detroit Diesel 3-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
845			
Detroit Diesel 3-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Dust Collectors			
852			
Detroit Diesel 3-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
857			
Detroit Diesel 3-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal	
Barber-Greene (Continued)				
Dust Collectors (Continued)				
857 (Continued)				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Mixers				
847				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
848A				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Trenchers				
774				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
777				
Caterpillar D333 Diesel				
<All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		3019-02 3019-02 3019-02 3019-02	
TC30				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Bay City				
Cranes				
190-T6430				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			

Application	Standard	High Flow	Gasket or Seal	
Bay City (Continued)				
Cranes (Continued)				
190-T6430 (Continued)				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
610-T6435				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
610-T8445				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Excavators				
151-T41				
Detroit Diesel 2-71 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
255A				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
425				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			

(2) 4 Required. (8) Seal included. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Bay City (Continued)			
Excavators (Continued)			
440			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel <All>			
	4041-60 4041-70 4041-80		
45			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel <All>			
	4041-60 4041-70 4041-80		
450			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
535			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel <All>			
	4041-60 4041-70 4041-80		
60			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel <All>			
	4041-60 4041-70 4041-80		
600			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		

Application	Standard	High Flow	Gasket or Seal
Bay City (Continued)			
Excavators (Continued)			
63			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel <All>			
	4041-60 4041-70 4041-80		
72			
Detroit Diesel 3-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 4-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel <All>			
	4041-60 4041-70 4041-80		
720			
Detroit Diesel 6-71 Diesel <All>			
	4041-60 4041-70 4041-80		
Bering Truck Corp.			
Medium/Heavy Trucks			
HD Series			
Caterpillar C10 Diesel 2001-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 2001-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MD Series			
Cummins ISB Diesel 2001-1999 [w/24-Valve Eng.]			
	4034-80 [8] 4034-90 [8]		
Big Bud			
Tractors			
360			
Caterpillar 3406 Diesel 1989-1980			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(8) Seal included

Application	Standard	High Flow	Gasket or Seal	
Big Bud (Continued)				
Tractors (Continued)				
400				
Caterpillar 3406 Diesel 1991-1985				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
402				
Caterpillar 3406 Diesel 1989-1986				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
425				
Detroit Diesel 8V-92 Diesel 1985				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3005-01 3005-01 3005-01 3005-01	
Blaw-Knox				
Paving Equipment				
195 Road Widener				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
PF120				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
PF500				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
Bluebird				
School Buses				
All American				
Caterpillar 3208 Diesel 1989-1980				
	4048-80 [1] 4048-90 [1]			
All American FE				
Caterpillar 3116 Diesel 1994				
	4048-80 4048-90			
Caterpillar 3126 Diesel 2004-2003				
	4048-80 [1] 4048-90 [1]			
2001				
	4048-80 [1] 4048-90 [1]			
Caterpillar C7 Diesel 2007-2004				
	4048-80 [1] 4048-90 [1]			
All American RE				
Caterpillar 3116 Diesel 1997				
	4048-80 4048-90			

Application	Standard	High Flow	Gasket or Seal	
Bluebird (Continued)				
School Buses (Continued)				
All American RE (Continued)				
Caterpillar 3126 Diesel 2004-2003				
	4048-80 [1] 4048-90 [1]			
2000				
	4048-80 [1] 4048-90 [1]			
Caterpillar C7 Diesel 2007-2005				
	4048-80 [1] 4048-90 [1]			
Conventional				
Caterpillar 3126 Diesel 2004				
	4048-80 [1] 4048-90 [1]			
Caterpillar C7 Diesel 2005-2004				
	4048-80 [1] 4048-90 [1]			
International/Navistar DT466 Diesel 2005-1994 [w/Electronic Eng.]				
	4051-90			
TC2000				
Caterpillar 3116 Diesel 1996				
	4048-80 4048-90			
1994				
	4048-80 4048-90			
Caterpillar 3126 Diesel 1998				
	4048-80 [1] 4048-90 [1]			
Caterpillar 3208 Diesel 1999				
	4048-80 [1] 4048-90 [1]			
1992				
	4048-80 [1] 4048-90 [1]			
Vision				
Caterpillar 3126 Diesel 2004				
	4048-80 [1] 4048-90 [1]			
Caterpillar C7 Diesel 2008-2005				
	4048-80 [1] 4048-90 [1]			
Transit Buses				
Express 4000				
Caterpillar C13 Diesel 2007				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Express 4500				
Caterpillar C12 Diesel 2004				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Bluebird (Continued)				
Transit Buses (Continued)				
Express 4500 (Continued)				
Caterpillar C13 Diesel 2007-2006				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Shell				
Caterpillar C7 Diesel 2007				
	4048-80 [1] 4048-90 [1]			
2005				
	4048-80 [1] 4048-90 [1]			
Xcel 102				
Caterpillar C7 Diesel 2007-2006				
	4048-80 [1] 4048-90 [1]			
2004				
	4048-80 [1] 4048-90 [1]			
Bomag				
Compactors				
KT15				
Continental F226 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
KT7B				
Continental Y112 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
KT8				
Continental Y112 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
PSR9				
Continental F226 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Paving Equipment				
MPH100S				
Detroit Diesel 6V-92 Diesel <All>				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	

Application	Standard	High Flow	Gasket or Seal	
Bros				
Compactors				
SP54C				
Continental F162 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
SP6000				
Detroit Diesel 3-53 Diesel <All>				
	4006-60 4006-80			
SP6000B				
Detroit Diesel 3-53 Diesel <All>				
	4006-60 4006-80			
SPV735				
Detroit Diesel 3-53 Diesel <All>				
	4006-60 4006-80			
SPV735VA				
Detroit Diesel 3-53 Diesel <All>				
	4006-60 4006-80			
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
SPV850				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
Mixers				
LSPRM8A				
Detroit Diesel 8V-71N Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Bucyrus-Erie				
Cranes				
15B				
Detroit Diesel 2-71 Diesel <All>				
	4006-60 4006-80			
19B				
Caterpillar D318 Diesel <All>				
	4045-70 4045-80 4045-90			
20B				
Detroit Diesel 3-71 Diesel <All>				
	4041-60 4041-70 4041-80			
22B				
Caterpillar D318 Diesel <All>				
	4045-70 4045-80 4045-90			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Bucyrus-Erie (Continued)			
Cranes (Continued)			
22B (Continued)			
Detroit Diesel 3-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
25B			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
280CSP			
Detroit Diesel 4-53N Diesel			
<All>			
	4006-60 4006-80		
38B			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
38TC			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
45CIIB100			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Detroit Diesel 6V-53N Diesel			
<All> [Early]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Detroit Diesel 6V-71N Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Excavators			
20H			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
21H			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		

Application	Standard	High Flow	Gasket or Seal
Bucyrus-Erie (Continued)			
Excavators (Continued)			
30H II			
Detroit Diesel 6V-71N Diesel			
<All>			
	4041-60 4041-70 4041-80		3019-02 3019-02 3019-02
Buffalo Springfield			
Drills			
KF30			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
Case			
Cranes			
500 Travelift			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
500B Travelift			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
7760			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
Excavators			
1280B			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Tractors			
850			
Case A301BD Diesel			
1981-1980			
	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
Caterpillar			
Combines			
Lexion 450			
Caterpillar 3126 Diesel			
2004-1999			
	4048-80 [1] 4048-90 [1]		
Lexion 460			
Caterpillar 3126 Diesel			
2004-1998			
	4048-80 [1] 4048-90 [1]		
Lexion 460R			
Caterpillar 3126 Diesel			
2004-2002			
	4048-80 [1] 4048-90 [1]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Combines (Continued)			
Lexion 465			
Caterpillar 3126 Diesel			
2003-1998			
	4048-80 [1] 4048-90 [1]		
Lexion 470			
Caterpillar 3126 Diesel			
2002-2000			
	4048-80 [1] 4048-90 [1]		
Lexion 470R			
Caterpillar C9 Diesel			
2008-2007			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
2004-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 475			
Caterpillar C9 Diesel			
2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 475R			
Caterpillar C9 Diesel			
2004-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 480			
Caterpillar 3176 Diesel			
2001-1998			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Lexion 480R			
Caterpillar C12 Diesel			
2004-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 485			
Caterpillar 3176 Diesel			
2001-1998			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Lexion 485R			
Caterpillar C12 Diesel			
2004-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 560			
Caterpillar 3126 Diesel			
2006-2005			
	4048-80 [1] 4048-90 [1]		

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Combines (Continued)			
Lexion 560R			
Caterpillar C9 Diesel			
2008-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 570R			
Caterpillar C9 Diesel			
2008-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 575R			
Caterpillar C9 Diesel			
2008-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 580R			
Caterpillar C12 Diesel			
2006-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2008-2007			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 585R			
Caterpillar C12 Diesel			
2006-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2008-2007			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 590R			
Caterpillar C13 Diesel			
2008-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Lexion 595R			
Caterpillar C13 Diesel			
2008			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Compactors			
815 (91P)			
Caterpillar 3306 Diesel			
<All>			
	4049-75		
816 (57U)			
Caterpillar 3306 Diesel			
<All>			
	4049-75		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Compactors (Continued)				
835 (44N)				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
CB514 (6YD)				
Detroit Diesel 3-53 Diesel				
<All>				
	4045-70 [1]			
	4045-80 [1]			
	4045-90 [1]			
Crawler Loaders				
933G (42A)				
Caterpillar D320T Diesel				
<All>				
	4042-70			
	4042-80			
941 (80H)				
Caterpillar D330 Diesel				
<All>				
	4042-70			
	4042-80			
941B (80H)				
Caterpillar 3304 Diesel				
<All>				
	4049-75			
943 (19Z)				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
951B (69H)				
Caterpillar D330 Diesel				
<All>				
	4042-70			
	4042-80			
951B (79H)				
Caterpillar D330 Diesel				
<All>				
	4042-70			
	4042-80			
951C (69H)				
Caterpillar 3304 Diesel				
<All>				
	4049-75			
951C (86J)				
Caterpillar 3304 Diesel				
<All>				
	4049-75			
955C (12A)				
Caterpillar D315 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
955E (12A)				
Caterpillar D330 Diesel				
<All>				
	4042-70			
	4042-80			
955H (60A)				
Caterpillar D330T Diesel				
<All>				
	4042-70			
	4042-80			

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Crawler Loaders (Continued)				
955K (61H)				
Caterpillar D330T Diesel				
<All>				
	4042-70			
	4042-80			
973 (66G)				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
973 (86G)				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
977D (20A)				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
977E (20A)				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
977H (53A)				
Caterpillar D333T Diesel				
<All>				
	4042-70			
	4042-80			
977K (11K)				
Caterpillar D333T Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
977L (11K)				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
Crawler Tractors				
561B (62A) Pipelayer				
Caterpillar D333 Diesel				
<All>				
	4042-70			
	4042-80			
561C (85H) Pipelayer				
Caterpillar D333 Diesel				
<All>				
	4042-70			
	4042-80			
571E PS (64A) Pipelayer				
Caterpillar D333 Diesel				
<All>				
	4042-70			
	4042-80			
571F (95N) Pipelayer				
Caterpillar D333 Diesel				
<All>				
	4042-70			
	4042-80			
572C (21A) Pipelayer				
Caterpillar D399 Diesel				
<All>				
	4042-70 [1]			
	4042-80 [1]			

(1) 2 Required.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Crawler Tractors (Continued)			
572D (21A) Pipelayer			
Caterpillar D339 Diesel			
<All>			
	4042-70 [1] 4042-80 [1]		
572E (65A) Pipelayer			
Caterpillar D399T Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 [1] 3019-02 [1] 3019-02 [1] 3019-02 [1]
583H (61A) Pipelayer			
Caterpillar D343T Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Excavators			
215D (9TF)			
Caterpillar 3304 Diesel			
<All>			
	4049-75		
225 (51U)			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
235 (64R)			
Caterpillar 3306 Diesel			
<All>			
	4049-75		
245 (95V)			
Caterpillar 3406 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Forklifts			
V100			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V120			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V140			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V160			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V160B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V160E			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Forklifts (Continued)			
V180			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V180B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V180E			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V200			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V200B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V200ES			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V225B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V250B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V300			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V300B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
V330B			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
Motor Graders			
112E (91G)			
Caterpillar D330 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
112F (89J)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Motor Graders (Continued)			
120 (10R)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
120 (13U)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
120 (14K)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
120 (89G)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
12E (99E)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
12F (13K)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
12F (73G)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
12F (89H)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
12G (61M)			
Caterpillar 3306 Diesel			
<All>			
	4049-75		
140 (11R)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Motor Graders (Continued)			
140 (14U)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
140 (24R)			
Caterpillar D333 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
140G (72V)			
Caterpillar 3306 Diesel			
<All>			
	4049-75		
14D (96F)			
Caterpillar D333T Diesel			
<All>			
	4045-70 4045-80 4045-90		
14E (99G)			
Caterpillar D333T Diesel			
<All>			
	4045-70 4045-80 4045-90		
16 (49G)			
Caterpillar D343T Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 [1] 3019-02 [1] 3019-02 [1] 3019-02 [1]
160H			
Caterpillar 3306 Diesel			
<All>			
	4049-75		
Off-Road Haulers			
768C (02X)			
Caterpillar 3408 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
773 (63G)			
Caterpillar D346T Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 [1] 3019-02 [1] 3019-02 [1] 3019-02 [1]
Scrapers			
15 (4W)			
Caterpillar D326 Diesel			
<All>			
	4045-70 [1] 4045-80 [1] 4045-90 [1]		
613			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Scrapers (Continued)				
613A (71M)				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
613B (38W)				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
613C				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
613C (92X)				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
615 (46Z)				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
619C (61F)				
Caterpillar D340T Diesel				
<All>				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
621 (23H)				
Caterpillar D336 Diesel				
<All>				
	4047-60 [11]		3019-02 [1]	
	4047-70 [11]		3019-02 [1]	
	4047-80 [11]		3019-02 [1]	
	4047-90 [11]		3019-02 [1]	
621B (45P)				
Caterpillar 3406 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
623 (52U)				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
623B (46P)				
Caterpillar 3406 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
623E (5SG)				
Caterpillar 3406 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
623E (6CB)				
Caterpillar 3406 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Scrapers (Continued)				
623E (6DB)				
Caterpillar 3406 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
623E (6YF)				
Caterpillar 3406 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
627 (54K)				
Caterpillar D333T Diesel				
<All>				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
627 (68M)				
Caterpillar 3306 Diesel				
<All>				
	4049-75		3019-02	
627B (15S)				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
627B (38V)				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
630B (14G)				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
631B (13G)				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
632 (14G)				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
633				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
633 (44J)				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	
633C (66M)				
Caterpillar D343 Diesel				
<All>				
	4044-70 [1]		3021-02	
	4044-80 [1]		3021-02	
	4044-90 [1]		3021-02	

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Scrapers (Continued)			
637 (79P)			
Caterpillar D343 Diesel			
<All>			
	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
637D (23W)			
Caterpillar D343 Diesel			
<All>			
	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
637D (27W)			
Caterpillar 3408 Diesel			
<All>			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
641 (41M)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
641 (50G)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
641 (64F)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
641 (70G)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
641 (80F)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
641B (65K)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
651 (33G)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Scrapers (Continued)			
651 (44M)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
651B (67K)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
657 (19G)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
657 (31G)			
Caterpillar D343 Diesel			
<All>			
	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
657 (46M)			
Caterpillar D343 Diesel			
<All>			
	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
657B (47M)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
657B (68K)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
660B (58K)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
666 (77F)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02
666B (66K)			
Caterpillar D346 Diesel			
<All>			
	4047-60 [12]		3019-02
	4047-70 [12]		3019-02
	4047-80 [12]		3019-02
	4047-90 [12]		3019-02

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Tractors			
571G (16W)			
Caterpillar D3306 Diesel			
1985-1980			
	4049-75		
Challenger 35			
Caterpillar 3116 Diesel			
2001-1994			
	4048-80 4048-90		
Challenger 45			
Caterpillar 3116 Diesel			
2001-1994			
	4048-80 4048-90		
Challenger 55			
Caterpillar 3126 Diesel			
2001-1996			
	4048-80 [1] 4048-90 [1]		
Challenger 65			
Caterpillar 3306 Diesel			
1990			
	4049-75		
1988-1986			
	4049-75		
Challenger 65B			
Caterpillar 3306 Diesel			
1993-1991			
	4049-75		
Challenger 65C			
Caterpillar 3306 Diesel			
1996-1992			
	4049-75		
Challenger 65D			
Caterpillar 3306 Diesel			
1997-1995			
	4049-75		
Challenger 65E			
Caterpillar 3176 Diesel			
2001-1997			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Challenger 70C			
Caterpillar 3306 Diesel			
1996-1994			
	4049-75		
Challenger 75			
Caterpillar 3176 Diesel			
1993-1990			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Challenger 75C			
Caterpillar 3176 Diesel			
1996-1992			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Challenger 75D			
Caterpillar 3176 Diesel			
1997-1996			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Tractors (Continued)			
Challenger 75E			
Caterpillar 3176 Diesel			
2001-1997			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Challenger 85C			
Caterpillar 3176 Diesel			
1996-1993			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
D3B (27Y)			
Caterpillar 3204 Diesel			
1988-1980			
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 3005-01 3005-01 3005-01 3005-01
D3C			
Caterpillar 3204 Diesel			
1990-1988			
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 3005-01 3005-01 3005-01 3005-01
D4E			
Caterpillar 3304 Diesel			
1987-1980			
	4049-75		
D4E (28X)			
Caterpillar 3304 Diesel			
1984-1980			
	4049-75		
D4E (29X)			
Caterpillar 3304 Diesel			
1984-1980			
	4049-75		
D4E (70X)			
Caterpillar 3304 Diesel			
1987-1980			
	4049-75		
D4H (8PB)			
Caterpillar 3204 Diesel			
1995-1985			
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 3005-01 3005-01 3005-01 3005-01
D5B			
Caterpillar 3306 Diesel			
1987-1980			
	4049-75		
D5B LGP (46X)			
Caterpillar 3306 Diesel			
1987-1980			
	4049-75		
D6D (3X)			
Caterpillar 3306 Diesel			
1988-1980			
	4049-75		
D6D (4X)			
Caterpillar 3306 Diesel			
1987-1980			
	4049-75		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Tractors (Continued)				
D6D SA (5X)				
Caterpillar 3306 Diesel				
1990				
	4049-75			
1988-1980				
	4049-75			
D6H (3ZF)				
Caterpillar 3306 Diesel				
1990				
	4049-75			
1988-1987				
	4049-75			
D6H (4RC)				
Caterpillar 3306 Diesel				
1995-1990				
	4049-75			
1988-1986				
	4049-75			
D7G				
Caterpillar 3306 Diesel				
1997-1990				
	4049-75			
1988-1980				
	4049-75			
D7G (92V)				
Caterpillar 3306 Diesel				
1988-1980				
	4049-75			
D7H (79Z)				
Caterpillar 3306 Diesel				
1995-1990				
	4049-75			
1988-1986				
	4049-75			
D8K (77V)				
Caterpillar D342 Diesel				
1984-1980				
	4042-70 [1] 4042-80 [1]			
D8L				
Caterpillar 3408 Diesel				
1992-1982				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
D8L (53Y)				
Caterpillar 3408 Diesel				
1987-1981				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
D8N (9TC)				
Caterpillar 3406 Diesel				
1994-1987				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Wheel Loaders				
910 (80U)				
Caterpillar 3204 Diesel				
<All>				
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1]	

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Wheel Loaders (Continued)				
920 (41J)				
Caterpillar 3304 Diesel				
<All>				
	4049-75			
920 (62K)				
Caterpillar 3304 Diesel				
<All>				
	4049-75			
920 (75J)				
Caterpillar 3304 Diesel				
<All>				
	4049-75			
922A (59A)				
Caterpillar D320 Diesel				
<All>				
	4042-70 4042-80			
922B (88J)				
Caterpillar D330 Diesel				
<All>				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
922B (94A)				
Caterpillar D330 Diesel				
<All>				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
926 (4NB)				
Caterpillar 3204 Diesel				
<All>				
	4049-75		3005-01	
926 (4TC)				
Caterpillar 3204 Diesel				
<All>				
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1]	
926 (7TC)				
Caterpillar 3204 Diesel				
<All>				
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1]	
926 (8NB)				
Caterpillar 3204 Diesel				
<All>				
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1]	
926 (94Z)				
Caterpillar 3204 Diesel				
<All>				
	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1]	

(1) 2 Required. (8) Seal included.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Wheel Loaders (Continued)				
926E (94Z)				
Caterpillar 3204 Diesel				
<All>	4004-60 [1] 4004-70 [1] 4004-80 [1] 4004-95 [1] 4004-05 [1]	5004-60 [1] 5004-80 [1] 5004-95 [1] 	3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1] 3005-01 [1]	
930 (17B)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (41K)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (57Z)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (60G)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (71H)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (73U)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (79J)				
Caterpillar 3304 Diesel				
<All>	4049-75			
930 (8CB)				
Caterpillar 3304 Diesel				
<All>	4049-75			
936 (2ZB)				
Caterpillar 3304 Diesel				
<All>	4049-75			
936 (33Z)				
Caterpillar 3304 Diesel				
<All>	4049-75			
936 (45Z)				
Caterpillar 3304 Diesel				
<All>	4049-75			
936 (4SB)				
Caterpillar 3304 Diesel				
<All>	4049-75			
936 (5GC)				
Caterpillar 3304 Diesel				
<All>	4049-75			
936E (33Z)				
Caterpillar 3304 Diesel				
<All>	4049-75			
938G				
Caterpillar 3126 Diesel				
<All>	4048-80 [1] 4048-90 [1]			

Application	Standard	High Flow	Gasket or Seal	
Caterpillar (Continued)				
Wheel Loaders (Continued)				
944 (87J)				
Caterpillar D330 Diesel				
<All>	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
950 (58H)				
Caterpillar 3304 Diesel				
<All>	4049-75			
950 (81J)				
Caterpillar 3304 Diesel				
<All>	4049-75			
950 (90A)				
Caterpillar 3304 Diesel				
<All>	4049-75			
950B (22Z)				
Caterpillar 3304 Diesel				
<All>	4049-75			
966A (33A)				
Caterpillar D333T Diesel				
<All>	4042-70 4042-80			
966B (75A)				
Caterpillar D333T Diesel				
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 [1] 3019-02 [1] 3019-02 [1] 3019-02 [1]	
966C (18B)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966C (25U)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966C (30K)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966C (42J)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966C (76J)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966C (78G)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966C (9KC)				
Caterpillar 3306 Diesel				
<All>	4049-75			
966D (99Y)				
Caterpillar 3306 Diesel				
<All>	4049-75			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Wheel Loaders (Continued)			
980 (42H)			
Caterpillar D336 Diesel			
<All>	4047-60 [11]		3019-02 [1]
	4047-70 [11]		3019-02 [1]
	4047-80 [11]		3019-02 [1]
	4047-90 [11]		3019-02 [1]
980B (89P)			
Caterpillar 3306 Diesel			
<All>	4049-75		3019-02
980C (63X)			
Caterpillar 3406 Diesel			
<All>	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
988 (87A)			
Caterpillar D343T Diesel			
<All>	4047-60 [11]		3019-02 [1]
	4047-70 [11]		3019-02 [1]
	4047-80 [11]		3019-02 [1]
	4047-90 [11]		3019-02 [1]
988B (50W)			
Caterpillar 3408 Diesel			
<All>	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
992 (25K)			
Caterpillar D348T Diesel			
<All>	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
IT28B (1HF)			
Caterpillar 3204 Diesel			
<All>	4004-60 [1]	5004-60 [1]	3005-01 [1]
	4004-70 [1]		3005-01 [1]
	4004-80 [1]	5004-80 [1]	3005-01 [1]
	4004-95 [1]	5004-95 [1]	3005-01 [1]
	4004-05 [1]		3005-01 [1]
Wheel Tractors			
814 (90P)			
Caterpillar 3306 Diesel			
<All>	4049-75		
824			
Caterpillar D340 Diesel			
<All>	4047-60 [11]		3019-02 [1]
	4047-70 [11]		3019-02 [1]
	4047-80 [11]		3019-02 [1]
	4047-90 [11]		3019-02 [1]
824B			
Caterpillar D343 Diesel			
<All>	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
824B (36H)			
Caterpillar D343 Diesel			
<All>	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02

Application	Standard	High Flow	Gasket or Seal
Caterpillar (Continued)			
Wheel Tractors (Continued)			
834			
Caterpillar D343 Diesel			
<All>	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
834 (43E)			
Caterpillar D343 Diesel			
<All>	4044-70 [1]		3021-02
	4044-80 [1]		3021-02
	4044-90 [1]		3021-02
Cedar Rapids			
Paving Equipment			
BSF2			
Continental F244			
<All>	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Continental F245			
<All>	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Continental HD277 Diesel			
<All>	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Detroit Diesel 3-53 Diesel			
<All>	4006-60		
	4006-80		
BSF2H			
Detroit Diesel 3-71 Diesel			
<All>	4041-60		
	4041-70		
	4041-80		
BSF3R			
Caterpillar D330 Diesel			
<All>	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 4-53 Diesel			
<All>	4006-60		
	4006-80		
BSF4			
Detroit Diesel 4-71 Diesel			
<All>	4041-60		
	4041-70		
	4041-80		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Challenger			
Combines			
660			
Caterpillar C9 Diesel 2007-2003	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
670			
Caterpillar C9 Diesel 2007-2003	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
680B			
Caterpillar C13 Diesel 2007-2006	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Tractors			
MT735			
Caterpillar C9 Diesel 2004-2002	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT745			
Caterpillar C9 Diesel 2005-2002	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT745B			
Caterpillar C9 Diesel 2005	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT755			
Caterpillar C9 Diesel 2005-2002	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT755B			
Caterpillar C9 Diesel 2007-2005	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT765			
Caterpillar C9 Diesel 2005-2002	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT765B			
Caterpillar C9 Diesel 2007-2005	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Challenger (Continued)			
Tractors (Continued)			
MT835			
Caterpillar C12 Diesel 2005-2002	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT835B			
Caterpillar C12 Diesel 2005	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel 2007-2006	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
MT845			
Caterpillar C12 Diesel 2005-2002	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MT845B			
Caterpillar C12 Diesel 2005	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel 2007-2006	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
MT855			
Caterpillar C15 Diesel 2005-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
MT855B			
Caterpillar C15 Diesel 2007-2005	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
MT865			
Caterpillar C16 Diesel 2005-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
MT945B			
Caterpillar C15 Diesel 2007-2006	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Challenger (Continued)				
Tractors (Continued)				
MT955B				
Caterpillar C15 Diesel				
2007-2006				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Champ				
Forklifts				
C40				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
CB40				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
SK60				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
TL40				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
TL50				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Champion				
Motor Graders				
560				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Chance Mfg. Co.				
Transit Buses				
RT50				
Caterpillar 3208 Diesel				
1985-1980				
	4048-80 [1] 4048-90 [1]			
RT52				
Caterpillar 3208 Diesel				
2000-1986				
	4048-80 [1] 4048-90 [1]			

Application	Standard	High Flow	Gasket or Seal	
Chance Mfg. Co. (Continued)				
Transit Buses (Continued)				
VS24				
Caterpillar 3208 Diesel				
1989-1983				
	4048-80 [1] 4048-90 [1]			
Chevrolet				
Light Trucks				
Astro				
V6 - 4.3L				
2005-2000				
	4013-95 [8]	5013-95 [8]		
Avalanche				
V8 - 5.3L				
2008-2007				
	4039-87 [8]			
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
Avalanche 1500				
V8 - 5.3L				
2006-2004				
	4037-87 [8]			
2003-2002				
	4029-87 [8]			
Avalanche 2500				
V8 - 8.1L				
2006-2002				
	4021-95 [8]	5021-95 [8]		
C2500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2000				
	4033-95 [11]			
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
C3500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2002-2000				
	4033-95 [11]			
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
V8 - 8.1L				
2002-2001				
	4021-95 [8]	5021-95 [8]		
Express 1500				
V6 - 4.3L				
2008-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 5.0L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 5.3L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 5.7L				
2002-2000				
	4013-95 [8]	5013-95 [8]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Chevrolet (Continued)				
Light Trucks (Continued)				
Express 2500				
V6 - 4.3L				
2005-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 4.8L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 5.0L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 5.3L				
2005-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 5.7L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 6.5L Diesel				
2002-2000				
	4033-95 [11]			
V8 - 6.6L Diesel				
2008-2006				
	4036-KT [8]			
Express 3500				
V8 - 4.8L				
2008-2007				
	4039-87 [8]			
2006-2005				
	4037-87 [8]			
V8 - 5.7L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 6.5L Diesel				
2002-2000				
	4033-95 [11]			
V8 - 6.6L Diesel				
2008-2006				
	4036-KT [8]			
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
V8 - 8.1L				
2002-2001				
	4021-95 [8]	5021-95 [8]		
K2500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2000				
	4033-95 [11]			

Application	Standard	High Flow	Gasket or Seal	
Chevrolet (Continued)				
Light Trucks (Continued)				
K2500 (Continued)				
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
K3500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2000				
	4033-95 [11]			
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
Silverado 1500				
V6 - 4.3L				
2008-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 4.8L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2000				
	4029-87 [8]			
V8 - 5.3L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2000				
	4029-87 [8]			
V8 - 6.0L				
2009				
	4037-87 [8]			
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
Silverado 1500 HD				
V8 - 6.0L				
2007				
	4039-87 [8]			
2006-2005				
	4037-87 [8]			
2003-2001				
	4029-87 [8]			
Silverado 2500				
V8 - 5.3L				
2000				
	4029-87 [8]			
V8 - 6.0L				
2004				
	4037-87 [8]			
2003-2000				
	4029-87 [8]			
Silverado 2500 HD				
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2001				
	4029-87 [8]			
V8 - 6.6L Diesel				
2008-2001				
	4036-KT [8]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Chevrolet (Continued)				
Light Trucks (Continued)				
Silverado 2500 HD (Continued)				
V8 - 8.1L				
2007-2001				
	4021-95 [8]	5021-95 [8]		
Silverado 3500				
V8 - 6.0L				
2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2001				
	4029-87 [8]			
V8 - 6.6L Diesel				
2007-2001				
	4036-KT [8]			
V8 - 8.1L				
2007-2001				
	4021-95 [8]	5021-95 [8]		
Silverado 3500 HD				
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
V8 - 6.6L Diesel				
2008-2007				
	4036-KT [8]			
Medium/Heavy Trucks				
Bison				
Caterpillar 3406 Diesel				
1980				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1980				
	4041-60 4041-70 4041-80			
Detroit Diesel 6V-92 Diesel				
1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-92 Diesel				
1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Bruin				
Caterpillar 3208 Diesel				
1980				
	4048-80 4048-90			
Detroit Diesel 6-71 Diesel				
1980				
	4041-60 4041-70 4041-80			

Application	Standard	High Flow	Gasket or Seal	
Chevrolet (Continued)				
Medium/Heavy Trucks (Continued)				
Bruin (Continued)				
Detroit Diesel 6V-53 Diesel				
1980 [Early]				
	4006-60 [1] 4006-80 [1]		3019-02 [1] 3019-02 [1]	
1980 [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Detroit Diesel 6V-92 Diesel				
1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
GM V-8 7.0 L				
1980				
	4009-80 [1] 4009-95 [1]			
C4500				
GM V-8 6.6 L Diesel				
2003				
Front	4036-kt [8]			
2003				
Rear	4036-kt [8]			
C50				
GM 6-Cyl. 4.8 L				
1986-1983				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01	
GM V-8 5.7 L				
1990-1983				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01	
1982-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GM V-8 6.0 L				
1990				
	4009-80 [1] 4009-95 [1]		3011-02 3011-02	
C5500				
Caterpillar 3116 Diesel				
1999				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
2002-1998				
	4048-80 4048-90			
C60				
Caterpillar 3116 Diesel				
1990				
	4048-80 4048-90			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Chevrolet (Continued)				
Medium/Heavy Trucks (Continued)				
C60 (Continued)				
Caterpillar 3208 Diesel				
1985-1980				
	4048-80 4048-90			
Detroit Diesel 4-53 Diesel				
1981-1980				
	4006-60 4006-80			
Detroit Diesel V-8 8.2 L Diesel				
1990-1987				
	4020-80 [1]			
1986 [Feb. & Newer]				
	4020-80 [1]			
1986 [Feb. & Older]				
	4020-80 [1]			
1985-1980				
	4020-80 [1]			
GM 6-Cyl. 4.8 L				
1986-1983				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01	
GM V-8 5.7 L				
1990-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01	
GM V-8 6.0 L				
1990				
	4009-80 [1] 4009-95 [1]		3011-02 3011-02	
1989-1980				
	4009-80 [1] 4009-95 [1]			
GM V-8 7.0 L				
1985				
	4009-80 [1] 4009-95 [1]			
C6500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 4048-90			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 4048-90			
C70				
Caterpillar 3116 Diesel				
1990				
	4048-80 4048-90			
Caterpillar 3208 Diesel				
1990-1980				
	4048-80 4048-90			
Detroit Diesel 4-53 Diesel				
1981-1980				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Chevrolet (Continued)				
Medium/Heavy Trucks (Continued)				
C70 (Continued)				
Detroit Diesel V-8 8.2 L Diesel				
1990-1987				
	4020-80 [1]			
1986 [Feb. & Newer]				
	4020-80 [1]			
1986 [Feb. & Older]				
	4020-80 [1]			
1985-1980				
	4020-80 [1]			
GM V-8 5.7 L				
1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GM V-8 6.0 L				
1990				
	4009-80 [1] 4009-95 [1]		3011-02 3011-02	
1989-1980				
	4009-80 [1] 4009-95 [1]			
GM V-8 7.0 L				
1990				
	4009-80 [1] 4009-95 [1]		3011-02 3011-02	
1989-1980				
	4009-80 [1] 4009-95 [1]			
GM V-8 7.4 L				
1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
C7500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 4048-90			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 4048-90			
C8500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 4048-90			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 4048-90			
Kodiak C5500				
GM V-8 6.0 L				
1996-1991				
	4009-80 [1] 4009-95 [1]		3011-02 3011-02	

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal
Chevrolet (Continued)			
Medium/Heavy Trucks (Continued)			
Kodiak C5500 (Continued)			
GM V-8 7.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
Kodiak C6500			
Caterpillar 3116 Diesel 1996-1991			
	4048-80 4048-90		
GM V-8 6.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
GM V-8 7.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
Kodiak C7500			
Caterpillar 3116 Diesel 1996-1991			
	4048-80 4048-90		
GM V-8 6.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
GM V-8 7.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
Kodiak C8500			
Caterpillar 3116 Diesel 1996-1991			
	4048-80 4048-90		
GM V-8 6.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
GM V-8 7.0 L 1996-1991			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
P30			
Caterpillar 3116 Diesel 2000-1997			
	4048-80 4048-90		
1994-1992			
	4048-80 4048-90		
Caterpillar 3126 Diesel 2000-1997			
	4048-80 4048-90		
Detroit Diesel V-8 8.2 L Diesel 1990			
	4020-80 [1]		
GM 6-Cyl. 4.8 L 1989-1983			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01

Application	Standard	High Flow	Gasket or Seal
Chevrolet (Continued)			
Medium/Heavy Trucks (Continued)			
P30 (Continued)			
GM V-6 4.3 L 1991-1990			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01
GM V-8 5.7 L 1991-1980			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01
GM V-8 6.0 L 1996-1990			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
GM V-8 6.2 L Diesel 1993-1982			
	4035-95		3005-01
GM V-8 6.5 L Diesel 1995 [Eng. VIN F]			
	4026-80 4026-95		3011-02 3011-02
GM V-8 7.0 L 1996-1990			
	4009-80 [1] 4009-95 [1]		3011-02 3011-02
GM V-8 7.4 L 1982-1980			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
P4T042			
GM 6-Cyl. 4.8 L 1984-1983			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01
P6S042			
Caterpillar 3116 Diesel 1996-1992			
	4048-80 4048-90		
P6T042			
Detroit Diesel V-8 8.2 L Diesel 1990-1987			
	4020-80 [1]		
1986 [Feb. & Newer]			
	4020-80 [1]		
1986 [Feb. & Older]			
	4020-80 [1]		
1985-1983			
	4020-80 [1]		
GM V-8 5.7 L 1990-1983			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01
GM V-8 6.0 L 1990-1982			
	4009-80 [1] 4009-95 [1]		

(1) 2 Required.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Chevrolet (Continued)			
Medium/Heavy Trucks (Continued)			
P6T042 (Continued)			
GM V-8 7.0 L 1990-1986			
	4009-80 [1] 4009-95 [1]		
T5500			
Caterpillar 3116 Diesel 1998-1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 2003-1998			
	4048-80 4048-90		
T6500			
Caterpillar 3116 Diesel 1998-1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 2003-1998			
	4048-80 4048-90		
T7500			
Caterpillar 3116 Diesel 1998-1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 2003-1998			
	4048-80 4048-90		
T8500			
Caterpillar 3116 Diesel 1998-1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 2003-1998			
	4048-80 4048-90		
Tiltmaster W4			
Caterpillar 3116 Diesel 1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 1998			
	4048-80 4048-90		
Isuzu 4BD1 Diesel 1989-1987			
	4050-80 [8]		
Tiltmaster W5			
Caterpillar 3116 Diesel 1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 1998			
	4048-80 4048-90		
Tiltmaster W6			
Caterpillar 3116 Diesel 1999-1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 1999-1998			
	4048-80 4048-90		

Application	Standard	High Flow	Gasket or Seal
Chevrolet (Continued)			
Medium/Heavy Trucks (Continued)			
Tiltmaster W7			
Caterpillar 3116 Diesel 1999-1997			
	4048-80 4048-90		
Caterpillar 3126 Diesel 1999-1998			
	4048-80 4048-90		
Titan			
Caterpillar 3406 Diesel 1980			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-71 Diesel 1980			
	4041-60 4041-70 4041-80		
Detroit Diesel 6V-92 Diesel 1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71 Diesel 1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-92 Diesel 1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
W4500			
Isuzu 4HE1-TC Diesel 2004			
Driver Side	4056-80 [8]		
2004			
Pass. Side	4057-85 [8]		
2003			
Driver Side	4056-80 [8]		
2003			
Pass. Side	4057-85 [8]		
2002			
Driver Side	4056-80 [8]		
2002			
Pass. Side	4057-85 [8]		
2001			
Driver Side	4056-80 [8]		
2001			
Pass. Side	4057-85 [8]		
2000			
Driver Side	4056-80 [8]		
2000			
Pass. Side	4057-85 [8]		
W6			
GM V-8 5.7 L 1980			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Chevrolet (Continued)			
Medium/Heavy Trucks (Continued)			
W6 (Continued)			
GM V-8 6.0 L			
1980			
	4009-80 [1]		
	4009-95 [1]		
W7			
GM V-8 6.0 L			
1980			
	4009-80 [1]		
	4009-95 [1]		
GM V-8 7.0 L			
1980			
	4009-80 [1]		
	4009-95 [1]		
School Buses			
B60 B6P Series			
Caterpillar 3116 Diesel			
2003-1992			
	4048-80		
	4048-90		
Caterpillar 3126 Diesel			
1999-1996			
	4048-80 [1]		
	4048-90 [1]		
1994-1992			
	4048-80 [1]		
	4048-90 [1]		
Detroit Diesel V-8 8.2 L Diesel			
1991-1986			
	4020-80		
GM V-8 5.7 L			
1984-1980			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
B7 Series			
Caterpillar 3116 Diesel			
1999			
	4048-80		
	4048-90		
1997-1993			
	4048-80		
	4048-90		
Caterpillar 3126 Diesel			
2002-1998			
	4048-80 [1]		
	4048-90 [1]		
S60 B6P Series			
Detroit Diesel V-8 8.2 L Diesel			
1991			
	4020-80		
S7 S7T Series			
Detroit Diesel V-8 8.2 L Diesel			
1990-1988			
	4020-80		
Chicago Pneumatic			
Compressors			
250RO2			
Detroit Diesel 4-51 Diesel			
<All>			
	4006-60		
	4006-80		
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		

Application	Standard	High Flow	Gasket or Seal
Chicago Pneumatic (Continued)			
Compressors (Continued)			
365RO2			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
600RO2			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
85RGH1			
Continental F163			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Claas			
Combines			
116CS			
Caterpillar 3306 Diesel			
1995-1990			
	4049-75		
Clark			
Forklifts			
355			
Continental F162			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Clarklift C20B			
Continental Y112			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Clarklift C25B			
Continental Y112			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Clarklift CFY20B			
Continental F162			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Continental F162 LPG			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal	
Clark (Continued)				
Forklifts (Continued)				
Clarklift CFY25B				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162 LPG				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H30				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H355				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H50				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Clark-Lima				
Cranes				
720				
Detroit Diesel 6V-53N Diesel				
<All> [Early]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Clark-Michigan-VME				
Forestry Equipment				
662				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Clark-Michigan-VME (Continued)				
Forestry Equipment (Continued)				
664				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
664B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
664C				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
666				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
666B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
666C				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Motor Graders				
301S				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
501S				
Detroit Diesel 6V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Scrapers				
110 III-H14				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Clark-Michigan-VME (Continued)			
Scrapers (Continued)			
110-11			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
110-15			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
110HT			
Detroit Diesel 4-71N Diesel			
<All>			
	4041-60 4041-70 4041-80		
310			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
310 III			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
Wheel Dozers			
180			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Waukesha 135DK Diesel			
<All>			
	4043-70 [8] 4043-80 [8]		
Wheel Loaders			
125A II			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
125A III			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02

Application	Standard	High Flow	Gasket or Seal
Clark-Michigan-VME (Continued)			
Wheel Loaders (Continued)			
175A			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
Waukesha 135DK Diesel			
<All>			
	4043-70 [8] 4043-80 [8]		
175A III			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
175B			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
275 III			
Detroit Diesel 8V-71N Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
275C			
Detroit Diesel 8V-92 Diesel			
<All>			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
35A			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
35AWS			
Continental F226			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
35B			
Continental F226			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		

(1) 2 Required. (2)4 Required. (4) Also requires 3003-01. (5) As required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Clark-Michigan-VME (Continued)			
Wheel Loaders (Continued)			
45B			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
55			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
55 III			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
55A I			
Continental F244			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
55A II			
Continental F244			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
55A III			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
55B			
Detroit Diesel 4-53N Diesel			
<All>			
	4006-60 4006-80		
55C			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
75			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
75 III			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
75A II			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		

Application	Standard	High Flow	Gasket or Seal
Clark-Michigan-VME (Continued)			
Wheel Loaders (Continued)			
75A II (Continued)			
Waukesha F283			
<All>			
	4043-70 [8] 4043-80 [8]		
75A III			
Detroit Diesel 4-71N Diesel			
<All>			
	4041-60 4041-70 4041-80		
75C			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
85A I			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
85A II			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
85A III			
Detroit Diesel 6V-53N Diesel			
<All> [Early]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
CS70			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
Wheel Tractors			
180 III			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
280 I			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
280 III			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Clark-Michigan-VME (Continued)				
Wheel Tractors (Continued)				
280A III				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
380 II				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
380 III				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Cleveland				
Trenchers				
247				
Detroit Diesel 4-53 Diesel				
<All>	4006-60			
	4006-80			
J36HD				
Detroit Diesel 3-53 Diesel				
<All>	4006-60			
	4006-80			
Crown Coach				
School Buses				
A426-10				
Detroit Diesel 6-71 Diesel				
1991-1980	4041-60			
	4041-70			
	4041-80			
A426-11				
Detroit Diesel 6-71 Diesel				
1991-1980	4041-60			
	4041-70			
	4041-80			
Dart				
Off-Road Haulers				
D2552				
Detroit Diesel 16V-71N Diesel				
<All>	4047-60 [12]			
	4047-70 [12]			
	4047-80 [12]			
	4047-90 [12]			
D2662				
Detroit Diesel 16V-71T Diesel				
<All>	4047-60 [12]			
	4047-70 [12]			
	4047-80 [12]			
	4047-90 [12]			

Application	Standard	High Flow	Gasket or Seal	
Diamond Reo				
Medium/Heavy Trucks				
C116				
Cummins L10 Diesel				
1986 [w/Low Flow Cool.]	4053-75 [1]			
1986 [w/o Low Flow Cool.]	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1986-1981	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Dina				
Medium/Heavy Trucks				
HTQ				
International/Navistar DT466 Diesel				
2001-1998 [w/Electronic Eng.]	4051-90			
Ditch Witch				
Trenchers				
R100D				
Detroit Diesel 4-53 Diesel				
<All>	4006-60			
	4006-80			
Dodge				
Light Trucks				
Ram 1500				
V10 - 8.3L				
2006-2004	4047-90			
V6 - 3.7L				
2007-2004	4032-95 [8]			
V8 - 4.7L				
2007-2004	4032-95 [8]			
V8 - 5.7L				
2009-2004	4031-03 [8]			
Ram 1500 Pickup				
V6 - 3.7L				
2003-2002	4032-95 [8]			
V6 - 3.9L				
2001-2000	4017-92	5001-95	3004-01	
V8 - 4.7L				
2003-2002	4032-95 [8]			
V8 - 5.2L				
2001-2000	4017-92	5001-95	3004-01	
V8 - 5.7L				
2003	4031-03 [8]			
V8 - 5.9L				
2003-2000	4017-92	5001-95	3004-01	
Ram 1500 Van				
V6 - 3.9L				
2003-2002	4017-92	5001-95	3004-01	
2001	4017-92	5001-95		
2000	4001-95	5001-95	3004-01	

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Dodge (Continued)				
Light Trucks (Continued)				
Ram 1500 Van (Continued)				
V8 - 5.2L				
2003-2000				
	4017-92	5001-95	3004-01	
V8 - 5.9L				
2003-2000				
	4017-92	5001-95	3004-01	
Ram 2500				
L6 - 5.9L Diesel				
2007-2004				
	4034-90 [8]			
V8 - 5.7L				
2009-2004				
	4031-03 [8]			
Ram 2500 Pickup				
L6 - 5.9L Diesel				
2003-2000				
	4034-90 [8]			
V10 - 8.0L				
2003				
	4047-90		3002-01	
2002-2000				
	4047-90		3001-01	3019-02
V8 - 5.7L Gas				
2003				
	4031-03 [8]			
V8 - 5.9L Gas				
2002-2000				
	4017-92	5001-95	3004-01	
Ram 2500 Van				
V6 - 3.9L				
2001				
	4017-92	5001-95	3004-01	
V8 - 5.2L				
2003-2000				
	4017-92	5001-95	3004-01	
V8 - 5.9L				
2003-2000				
	4017-92	5001-95	3004-01	
Ram 3500				
L6 - 5.9L Diesel				
2007-2004				
	4034-90 [8]			
V8 - 5.7L				
2009-2004				
	4031-03 [8]			
Ram 3500 Pickup				
L6 - 5.9L Diesel				
2003-2000				
	4034-90 [8]			
V10 - 8.0L				
2003-2000				
	4047-90		3001-01	3019-02
V8 - 5.7L				
2003				
	4031-03 [8]			
V8 - 5.9L Gas				
2002-2000				
	4017-92	5001-95	3004-01	
Ram 3500 Van				
V8 - 5.2L				
2003-2000				
	4017-92	5001-95	3004-01	
V8 - 5.9L				
2003-2000				
	4017-92	5001-95	3004-01	

Application	Standard	High Flow	Gasket or Seal	
Dresser-Dressta				
Crawler Tractors				
TD15C Crawler				
IH DT466 Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
TD20C				
IH DV573B Diesel				
<All>				
	4046-60 [1]		3021-02	
	4046-70 [1]		3021-02	
	4046-80 [1]		3021-02	
	4046-90 [1]		3021-02	
TD25B				
IH DT817B Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
TD25C				
IH DT817C Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
TD25E Crawler				
IH DT817C Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
Forestry Equipment				
S7				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
S8				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
Forklifts				
7000				
IH BD154 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Tractors				
TD15C				
IH DT466 Diesel				
1995-1994 [w/Electronic Eng.]				
	4051-90			
TD7E				
IH D239 Diesel				
1988-1980				
	4012-60	5012-60		
	4012-70	5012-70		
	4012-80	5012-80		
	4012-95	5012-95		

(1) 2 Required. (8) Seal included.

Application	Standard	High Flow	Gasket or Seal	
Dresser-Dressta (Continued)				
Tractors (Continued)				
TD8E				
IH DT239 Diesel				
1987-1980				
	4012-60	5012-60		
	4012-70	5012-70		
	4012-80	5012-80		
	4012-95	5012-95		
Wheel Dozers				
D100B				
Detroit Diesel 6V-71 Diesel				
<All>				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
D120C				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
D400				
Detroit Diesel 12V-71 Diesel				
<All>				
	4047-60 [12]			
	4047-70 [12]			
	4047-80 [12]			
	4047-90 [12]			
D500				
Detroit Diesel 16V-71 Diesel				
<All>				
	4047-60 [12]			
	4047-70 [12]			
	4047-80 [12]			
	4047-90 [12]			
D90C				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
Wheel Loaders				
510B				
IH D268 Diesel				
<All>				
	4012-60	5012-60		
	4012-70	5012-70		
	4012-80	5012-80		
	4012-95	5012-95		
530				
IH DT414 Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
Dresser-Galion				
Compactors				
3-5 Ton				
Continental Y112				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		

Application	Standard	High Flow	Gasket or Seal	
Dresser-Galion (Continued)				
Compactors (Continued)				
4-6 TON				
Continental Y112				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
5-8 Ton				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Continental F226				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
8-10 Ton				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Continental F226				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
CHIEF				
Continental F226				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
S10-14A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
S5-8A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
S8-10.5A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal	
Dresser-Galion (Continued)				
Compactors (Continued)				
S8-12A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
VOS66A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
VOS84A				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
VOSA84A				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
VOSD84A				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
VOSPD84A				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
Warrior				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Cranes				
125				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
125A				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
150				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
150A				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
150FA				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Dresser-Galion (Continued)				
Cranes (Continued)				
160				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
160RF2				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
200RF2				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
220S				
Detroit Diesel 6V-53N Diesel				
<All> [Early]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
250RF2				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Motor Graders				
104				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
118				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
118C				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
503L				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal
Dresser-Galion (Continued)			
Motor Graders (Continued)			
A400E			
IH D466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
A450E			
IH D466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
A500			
IH D466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
A550			
IH DT466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
A560E			
IH D466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
A600			
IH DT466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
A606			
IH DT466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
T500C			
IH D466 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
Dresser-Hough			
Wheel Dozers			
D100B			
IH D817 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02

Application	Standard	High Flow	Gasket or Seal
Dresser-Hough (Continued)			
Wheel Dozers (Continued)			
D120C			
IH DT817 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
D400			
Detroit Diesel 12V-71 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
D90C			
IH DT573 Diesel			
<All>	4046-60 [1] 4046-70 [1] 4046-80 [1] 4046-90 [1]		3021-02 3021-02 3021-02 3021-02
Wheel Loaders			
510			
IH D268 Diesel			
<All>	4012-60 4012-70 4012-80 4012-95	5012-60 5012-70 5012-80 5012-95	
510B			
IH D268 Diesel			
<All>	4012-60 4012-70 4012-80 4012-95	5012-60 5012-70 5012-80 5012-95	
530			
IH DT414 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
560			
IH DT817 Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
IH DT817B Diesel			
<All>	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
580			
Detroit Diesel 16V-149 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
H100			
Detroit Diesel 6V-71 Diesel			
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal
Dresser-Hough (Continued)			
Wheel Loaders (Continued)			
H100 (Continued)			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
IH D817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H100A			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
IH D817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H100B			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
IH D817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H120			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
IH D817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

Application	Standard	High Flow	Gasket or Seal
Dresser-Hough (Continued)			
Wheel Loaders (Continued)			
H120 (Continued)			
IH DT817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H120A			
IH DT817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H120B			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
IH D817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
IH DT817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H120C			
IH DT817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
H30			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60		
	4006-80		
Hercules QXD3			
<All>			
	4005-60		
	4005-80		
IH D236 Diesel			
<All>			
	4005-60		
	4005-80		
H30A			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60		
	4006-80		
Hercules QXD3			
<All>			
	4005-60		
	4005-80		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Dresser-Hough (Continued)			
Wheel Loaders (Continued)			
H30A (Continued)			
IH D236 Diesel			
<All>			
	4005-60 4005-80		
H30B			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
Hercules QXD3			
<All>			
	4005-60 4005-80		
IH D236 Diesel			
<All>			
	4005-60 4005-80		
H30F			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
Hercules QXD3			
<All>			
	4005-60 4005-80		
IH D236 Diesel			
<All>			
	4005-60 4005-80		
H30R			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
Hercules QXD3			
<All>			
	4005-60 4005-80		
IH D236 Diesel			
<All>			
	4005-60 4005-80		
H40			
IH D282 Diesel			
<All>			
	4005-60 4005-80		
H400			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
H50			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
H50B			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
H50C			
IH D282 Diesel			
<All>			
	4005-60 4005-80		

Application	Standard	High Flow	Gasket or Seal
Dresser-Hough (Continued)			
Wheel Loaders (Continued)			
H60			
Detroit Diesel 3-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
H60B			
IH D301 Diesel			
<All>			
	4005-60 4005-80		
H65C			
IH DT361 Diesel			
<All>			
	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
H70C			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
H80A			
IH DT429 Diesel			
<All>			
	4040-70 4040-80		3020-02 3020-02
H90C			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
H90E			
IH DVT573 Diesel			
<All>			
	4046-60 [1] 4046-70 [1] 4046-80 [1] 4046-90 [1]		3021-02 3021-02 3021-02 3021-02
IH DVT573B Diesel			
<All>			
	4046-60 [1] 4046-70 [1] 4046-80 [1] 4046-90 [1]		3021-02 3021-02 3021-02 3021-02
Drott			
Cranes			
1000A Travelift			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
1000AI Travelift			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		

(1) 2 Required. (2) 4 Required. (8) Seal included. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Drott (Continued)				
Cranes (Continued)				
1500				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
1800				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
250 Travelift				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
2500				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
250AI Travelift				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60			
	4006-80			
2510				
Detroit Diesel 6-71N Diesel				
<All>				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
500A Travelift				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			

Application	Standard	High Flow	Gasket or Seal	
Drott (Continued)				
Cranes (Continued)				
500AI Travelift				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60			
	4006-80			
50BEC				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
600A Travelift				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60			
	4006-80			
650A Travelift				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60			
	4006-80			
7760				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
800AC Travelift				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Drott (Continued)				
Excavators				
35				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
IH D282 Diesel				
<All>				
	4005-60 4005-80			
IH D301 Diesel				
<All>				
	4005-60 4005-80			
35EC				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
40 Crawler				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
40 Cruz-Air				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
40C				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
40R				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
40YR				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Drott (Continued)				
Excavators (Continued)				
50				
Detroit Diesel 6V-53N Diesel				
<All> [Early]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
80 Cruz-Air				
Detroit Diesel 8V-53 Diesel				
<All> [Early]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Dynahoe				
Loader Backhoes				
140				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
160				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
190 4				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Dynapac				
Compactors				
CA15PD				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
CA25PD				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1] 4048-90 [1]			
Eagle				
Transit Buses				
Eagle 10				
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1988-1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Eagle (Continued)				
Transit Buses (Continued)				
Eagle 12				
Detroit Diesel 6V-92 Diesel 1990-1989				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel 1990-1989				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Economobile				
Loaders				
620				
Continental F226 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
620B				
Continental F226 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
640				
Continental F226 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
El Dorado				
Transit Buses				
Aero Elite				
International/Navistar DT466 Diesel 2006 [w/Electronic Eng.]				
	4051-90			
Euclid				
Crawler Tractors				
82-40 Crawler				
Detroit Diesel 8V-71N Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
C61				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
C62				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			

Application	Standard	High Flow	Gasket or Seal	
Euclid (Continued)				
Crawler Tractors (Continued)				
C63				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
C64				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
C65				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
TC12				
Detroit Diesel 6-71 Twin Diesel <All>				
	4041-60 [1] 4041-70 [1] 4041-80 [1]			
Off-Road Haulers				
R15 (91FD)				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
R18 (91FD)				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
R30 (71TD)				
Detroit Diesel 8V-71 Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
R35 (201TD)				
Detroit Diesel 12V-71 Diesel <All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
R35 (74TD)				
Detroit Diesel 12V-71 Diesel <All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
R40 (9FFD)				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
R45 (9FFD)				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			

(1) 2 Required. (2)4 Required. (4) Also requires 3003-01. (5) As required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Euclid (Continued)			
Off-Road Haulers (Continued)			
R50 (201LD)			
Detroit Diesel 16V-71N Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
Paving Equipment			
12RT			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
16TDT			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
21LDT			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
Scrapers			
S12 (77FDT)			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
S12 (78FDT)			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
SS12 (77FDT)			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
SS12 (78FDT)			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
F.W.D.			
Medium/Heavy Trucks			
233D			
Detroit Diesel 3-71 Diesel			
1980			
	4041-60 4041-70 4041-80		
284D			
Detroit Diesel 6-71 Diesel			
1988-1980			
	4041-60 4041-70 4041-80		
324D			
Detroit Diesel 6-71 Diesel			
1988-1980			
	4041-60 4041-70 4041-80		

Application	Standard	High Flow	Gasket or Seal
F.W.D. (Continued)			
Medium/Heavy Trucks (Continued)			
RB44-2361			
Detroit Diesel Series 60 Diesel			
1988-1987			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Farmhand			
Harvesters			
F600			
Detroit Diesel 6-71 Diesel			
1991			
	4041-60 4041-70 4041-80		
Ferguson Shovel Supply			
Compactors			
SP120B			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
SP75D			
Detroit Diesel 4-53N Diesel			
<All>			
	4006-60 4006-80		
Flxible			
Transit Buses			
40102-4D			
Detroit Diesel Series 50 Diesel			
1994			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
53101			
Detroit Diesel 6V-71 Diesel			
1994-1991			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71 Diesel			
1994-1991			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Metro			
Detroit Diesel Series 50 Diesel			
1994			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 60 Diesel			
1990			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford				
Light Trucks				
E Super Duty				
V10 - 6.8L				
2002-2001				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2000				
	4019-95	5014-95	3004-01	
	4019-95	5012-95	3004-01	
V8 - 5.4L				
2002-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2000				
	4019-95	5014-95	3004-01	
	4019-95	5012-95	3004-01	
V8 - 7.3L Diesel				
2002				
	4025-95			3014-02
2001-2000				
	4028-92			3014-02
E-150				
V8 - 4.6L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2006				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2006				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
E-150 Econoline				
V6 - 4.2L				
2003-2000				
	4019-95	5014-95	3004-01	
	4019-95	5012-95	3004-01	
V8 - 4.6L				
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
E-250				
V8 - 4.6L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2006				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2006				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
E-250 Econoline				
V6 - 4.2L				
2003-2000				
	4019-95	5014-95	3004-01	
	4019-95	5012-95	3004-01	

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Light Trucks (Continued)				
E-250 Econoline (Continued)				
V8 - 4.6L				
2005-2003				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
E-350 Econoline				
V10 - 6.8L				
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 6.0L Diesel				
2005-2004				
	4038-92 [8]			
V8 - 7.3L Diesel				
2003				
	4026-95			3014-02
2002-2000				
	4028-92			3014-02
E-350 Super Duty				
V10 - 6.8L				
2006				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2007				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 6.0L Diesel				
2008-2006				
	4038-92 [8]			
F-150				
V6 - 4.2L				
2008				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2006-2005				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2003-2002				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2001-2000				
	4019-95	5014-95	3004-01	
	4019-95	5012-95	3004-01	
V8 - 4.6L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2005				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2004				
	4019-80	5012-80		3016-02
2004-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02

(8) Seal included

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Light Trucks (Continued)				
F-150 Pickup				
V6 - 4.2L				
2004				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 4.6L				
2004				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2004				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
F-250 Super Duty				
V10 - 6.8L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 6.0L Diesel				
2007-2003				
	4038-92 [8]			
V8 - 7.3L Diesel				
2003-2000				
	4028-92			3014-02
F-350 Super Duty				
V10 - 6.8L				
2009				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2007				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
2005-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 5.4L				
2006-2000				
	4019-95	5014-95		3016-02
	4019-95	5012-95		3016-02
V8 - 6.0L Diesel				
2007-2003				
	4038-92 [8]			
V8 - 7.3L Diesel				
2003-2000				
	4028-92			3014-02
Medium/Heavy Trucks				
A9500 Series				
Caterpillar 3176 Diesel				
1997-1996				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1996				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
A9500 Series (Continued)				
Caterpillar 3406 Diesel				
1997-1996				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins M11 Diesel				
1997-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1997				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
AT9500 Series				
Caterpillar 3176 Diesel				
1997-1996				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997				
	4049-75			
Caterpillar 3406 Diesel				
1997-1996				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
AT9500 Series (Continued)				
Cummins M11 Diesel				
1997-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1997				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
C600				
Detroit Diesel V-8 8.2 L Diesel				
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1980				
	4020-80			
Ford V-8 6.1 L				
1986-1980				
	4010-60 [5]			
	4010-80 [5]			
	4010-95 [5]			
C700				
Detroit Diesel V-8 8.2 L Diesel				
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1980				
	4020-80			
Ford V-8 6.1 L				
1986-1980				
	4010-60 [5]			
	4010-80 [5]			
	4010-95 [5]			
C7000				
Caterpillar 3208 Diesel				
1986-1980				
	4048-80 [1]			
	4048-90 [1]			
C800				
Detroit Diesel V-8 8.2 L Diesel				
1989-1987				
	4020-80			
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1980				
	4020-80			
Ford V-8 6.1 L				
1986-1980				
	4010-60 [5]			
	4010-80 [5]			
	4010-95 [5]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
C8000				
Caterpillar 3208 Diesel				
1990-1980				
	4048-80 [1]			
	4048-90 [1]			
C900				
Ford V-8 7.8 L				
1981-1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
CF6000				
Ford 6-Cyl. 6.6 L Diesel				
1990-1986				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
CF7000				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1996-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1997 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997 [w/Single Thermostat]				
	4052-80 [8]			
Ford 6-Cyl. 6.6 L Diesel				
1993-1986				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
CF8000				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1996-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1997 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997 [w/Single Thermostat]				
	4052-80 [8]			

(1) 2 Required. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
CF8000 (Continued)				
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1994-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
CFT8000				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1996-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1997 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997 [w/Single Thermostat]				
	4052-80 [8]			
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
CL9000				
Caterpillar 3406 Diesel				
1991-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins L10 Diesel				
1991-1987 [w/Low Flow Cool.]				
	4053-75 [1]			
1991-1987 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
CL9000 (Continued)				
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1986-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
CLT9000				
Caterpillar 3406 Diesel				
1991-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins L10 Diesel				
1991-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1991-1988 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1986-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
CT800				
Detroit Diesel V-8 8.2 L Diesel				
1983-1980				
	4020-80			
Ford V-8 6.1 L				
1982-1980				
	4010-60 [5]			
	4010-80 [5]			
	4010-95 [5]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
CT8000				
Caterpillar 3208 Diesel				
1990-1980				
	4048-80 [1]			
	4048-90 [1]			
CT900				
Ford V-8 7.8 L				
1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
E350				
Ford V-8 5.8 L				
1989				
	4001-60	5001-60	3006-01	
	4001-70	5001-70	3006-01	
	4001-80	5001-80	3006-01	
	4001-95	5001-95	3006-01	
	4001-05	5001-05	3006-01	
Ford V-8 7.5 L				
1989				
	4001-60	5001-60	3008-01	
	4001-70	5001-70	3008-01	
	4001-80	5001-80	3008-01	
	4001-95	5001-95	3008-01	
	4001-05	5001-05	3008-01	
E450 Super Duty				
Ford V-10 6.8 L				
2002				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	
Ford V-8 5.4 L				
2003-2000				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	
Ford V-8 7.3 L Diesel				
2001				
	4028-92		3014-02	
1998				
	4028-92		3014-02	
E550 Super Duty				
Ford V-10 6.8 L				
2003-2002				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	
F Super Duty				
Ford V-8 7.5 L				
1989-1988				
	4001-60	5001-60	3008-01	
	4001-70	5001-70	3008-01	
	4001-80	5001-80	3008-01	
	4001-95	5001-95	3008-01	
	4001-05	5001-05	3008-01	
F450 Super Duty				
Ford V-10 6.8 L				
2004				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	
1999				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
F450 Super Duty (Continued)				
Ford V-8 6.0 L Diesel				
2004				
	4038-92 [8]			
Ford V-8 7.3 L Diesel				
1999				
	4028-92		3014-02	
F550 Super Duty				
Ford V-10 6.8 L				
2004				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	
1999				
	4019-60		3016-02	
	4019-70		3016-02	
	4019-80		3016-02	
	4019-95		3016-02	
Ford V-8 7.3 L Diesel				
1999				
	4028-92		3014-02	
F600				
Cummins B Series 5.9 L Diesel				
1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1992				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1994-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1994-1993 [w/Single Thermostat]				
	4052-80 [8]			
Detroit Diesel V-8 8.2 L Diesel				
1987				
	4020-80			
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1980				
	4020-80			
Ford 6-Cyl. 6.6 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford V-8 6.1 L				
1991-1980				
	4010-60			
	4010-80			
	4010-95			
F650 Super Duty				
Caterpillar 3126 Diesel				
2004-2000				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			

(1) 2 Required. (5) As required. (6) Lower. (8) Seal included. (9) Upper.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
F650 Super Duty (Continued)				
Cummins ISB Diesel				
2007-2000				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISB-07 Diesel				
2008				
	4034-80 [8]			
	4034-90 [8]			
F700				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1992				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1994-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1994-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Detroit Diesel V-8 8.2 L Diesel				
1987				
	4020-80			
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1980				
	4020-80			
Ford 6-Cyl. 6.6 L Diesel				
1994-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford V-8 6.1 L				
1991-1980				
	4010-60			
	4010-80			
	4010-95			
F7000				
Caterpillar 3208 Diesel				
1987-1983				
	4048-80 [1]			
	4048-90 [1]			
1980				
	4048-80 [1]			
	4048-90 [1]			
F750 Super Duty				
Caterpillar 3126 Diesel				
2004-2000				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
F750 Super Duty (Continued)				
Cummins ISB Diesel				
2007-2000				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISB-07 Diesel				
2008				
	4034-80 [8]			
	4034-90 [8]			
F800				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1992				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1999-1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1999-1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1999-1998 [w/Single Thermostat]				
	4052-80 [8]			
Detroit Diesel V-8 8.2 L Diesel				
1987				
	4020-80			
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1980				
	4020-80			
Ford 6-Cyl. 6.6 L Diesel				
1994-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford V-8 6.1 L				
1991-1990				
	4010-60			
	4010-80			
	4010-95			
1988-1980				
	4010-60			
	4010-80			
	4010-95			
F8000				
Caterpillar 3208 Diesel				
1987-1983				
	4048-80 [1]			
	4048-90 [1]			
F900				
Cummins C Series 8.3 L Diesel				
1994-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	

(1) 2 Required. (5) As required. (6) Lower. (8) Seal included. (9) Upper.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
1994-1993 [w/Single Thermostat]				
	4052-80 [8]			
FT800				
Ford V-8 6.1 L				
1985-1983				
	4010-60			
	4010-80			
	4010-95			
FT8000				
Caterpillar 3208 Diesel				
1987-1983				
	4048-80 [1]			
	4048-90 [1]			
FT900				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1992				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Detroit Diesel V-8 8.2 L Diesel				
1987-1985				
	4020-80			
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford V-8 6.1 L				
1991				
	4010-60			
	4010-80			
	4010-95			
L800				
Ford V-8 6.1 L				
1984-1980				
	4010-60			
	4010-80			
	4010-95			
L8000				
Caterpillar 3126 Diesel				
1998				
	4048-80 [1]			
	4048-90 [1]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
L8000 (Continued)				
Caterpillar 3176 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3208 Diesel				
1988-1980				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3306 Diesel				
1998-1997				
	4049-75			
Caterpillar 3406 Diesel				
1997-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1992-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1992-1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1998-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
L8000 (Continued)				
Detroit Diesel Series 60 Diesel				
1998-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
L8500				
Caterpillar 3126 Diesel				
1997				
	4048-80 [1]			
	4048-90 [1]			
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
L900				
Ford V-8 7.8 L				
1981-1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
L9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1989				
	4049-75			
Caterpillar 3406 Diesel				
1997-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
L9000 (Continued)				
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1985 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1985 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1995				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1994				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1983-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1986-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel Series 60 Diesel				
1993-1991				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
L9500				
Caterpillar 3176 Diesel				
1997-1996				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1996				
	4049-75			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
L9500 (Continued)				
Caterpillar 3406 Diesel 1997-1996				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar C10 Diesel 1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar C12 Diesel 1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Cummins ISC Diesel 1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins M11 Diesel 1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel 1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel 1997-1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
LA8000				
Caterpillar 3126 Diesel 1998				
	4048-80 [1] 4048-90 [1]			
Caterpillar 3176 Diesel 1998-1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar 3306 Diesel 1998-1997				
	4049-75			
Caterpillar 3406 Diesel 1997-1991				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar C12 Diesel 1998-1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Cummins B Series 5.9 L Diesel 1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LA8000 (Continued)				
Cummins C Series 8.3 L Diesel 1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel 1998				
	4034-80 [8] 4034-90 [8]			
Cummins ISC Diesel 1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel 1992-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1992-1991 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel 1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel 1998-1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel Series 60 Diesel 1998-1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Ford 6-Cyl. 6.6 L Diesel 1993-1991				
	4012-60 [5] 4012-70 [5] 4012-80 [5] 4012-95 [5]	5012-60 [5] 5012-70 [5] 5012-80 [5] 5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel 1993-1990				
	4012-60 [5] 4012-70 [5] 4012-80 [5] 4012-95 [5]	5012-60 [5] 5012-70 [5] 5012-80 [5] 5012-95 [5]		
LA9000				
Caterpillar 3176 Diesel 1998-1990				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar 3306 Diesel 1997-1989				
	4049-75			
Caterpillar 3406 Diesel 1998-1988				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LA9000 (Continued)				
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1994 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1994 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1988 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1998-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1991				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
LL9000				
Caterpillar 3176 Diesel				
1996-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3406 Diesel				
1997-1984				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LL9000 (Continued)				
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1996-1987 [w/Low Flow Cool.]				
	4053-75 [1]			
1996-1987 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1996-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
LLA9000				
Caterpillar 3176 Diesel				
1998-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1998-1996				
	4049-75			
Caterpillar 3406 Diesel				
1998-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LLA9000 (Continued)				
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1996-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1996-1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1998-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996-1994				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1998-1997				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
1993-1992				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
LLS9000				
Caterpillar 3176 Diesel				
1996-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3406 Diesel				
1997-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LLS9000 (Continued)				
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1996-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1996-1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1996-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996-1994				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
LN600				
Detroit Diesel V-8 8.2 L Diesel				
1985-1981				
	4020-80			
Ford V-8 6.1 L				
1985-1980				
	4010-60			
	4010-80			
	4010-95			
LN700				
Detroit Diesel V-8 8.2 L Diesel				
1987				
	4020-80			
1986 [Feb. & Newer]				
	4020-80			
1986 [Feb. & Older]				
	4020-80			
1985-1981				
	4020-80			
Ford V-8 6.1 L				
1986-1980				
	4010-60			
	4010-80			
	4010-95			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LN7000				
Caterpillar 3208 Diesel				
1987-1980				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1995				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Ford 6-Cyl. 6.6 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1990-1988				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
LN800				
Ford V-8 6.1 L				
1984-1980				
	4010-60			
	4010-80			
	4010-95			
LN8000				
Caterpillar 3126 Diesel				
1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3208 Diesel				
1989-1980				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LN8000 (Continued)				
Cummins L10 Diesel				
1992 [w/Low Flow Cool.]				
	4053-75 [1]			
1992 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1988				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
LN900				
Ford V-8 7.8 L				
1981-1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
LN9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1989				
	4049-75			
Caterpillar 3406 Diesel				
1997-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LN9000 (Continued)				
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1984-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
LNT800				
Ford V-8 6.1 L				
1984-1980				
	4010-60			
	4010-80			
	4010-95			
LNT8000				
Caterpillar 3126 Diesel				
1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3208 Diesel				
1989-1980				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LNT900				
Ford V-8 7.8 L				
1981-1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
LNT9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1989				
	4049-75			
Caterpillar 3406 Diesel				
1997-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LNT9000 (Continued)				
Detroit Diesel 8V-71 Diesel				
1984-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
LS8000				
Caterpillar 3126 Diesel				
1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3176 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3208 Diesel				
1989-1984				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3306 Diesel				
1998				
	4049-75			
Caterpillar 3406 Diesel				
1997-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1992-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1992-1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LS8000 (Continued)				
Cummins N14 Diesel				
1998-1993				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel Series 60 Diesel				
1998-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
LS9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1989				
	4049-75			
Caterpillar 3406 Diesel				
1997-1987				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1987 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1987 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LS9000 (Continued)				
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1994				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1993-1991				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
LT800				
Ford V-8 6.1 L				
1984-1980				
	4010-60			
	4010-80			
	4010-95			
LT8000				
Caterpillar 3208 Diesel				
1988-1985				
	4048-80 [1]			
	4048-90 [1]			
1983-1980				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1995-1994				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1996				
	4024-80		3017-02 [6]	3018-02 [9]
1995				
	4015-60			
	4015-70			
	4015-80	5014-80		
	4015-92	5014-95		
1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LT8000 (Continued)				
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1997-1993				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
LT900				
Ford V-8 7.8 L				
1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
LT9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1989				
	4049-75			
Caterpillar 3406 Diesel				
1997-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Ford (Continued)			
Medium/Heavy Trucks (Continued)			
LT9000 (Continued)			
Cummins C Series 8.3 L Diesel			
1997-1993 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1997-1993 [w/Single Thermostat]			
	4052-80 [8]		
Cummins L10 Diesel			
1997-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1984 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
1997-1991			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-71 Diesel			
1986-1980			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1997-1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1996-1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6V-92 Diesel			
1982-1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71 Diesel			
1984-1980			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel Series 60 Diesel			
1994-1992			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
LTA9000			
Caterpillar 3176 Diesel			
1998-1990			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Caterpillar 3306 Diesel			
1996-1989			
	4049-75		

Application	Standard	High Flow	Gasket or Seal
Ford (Continued)			
Medium/Heavy Trucks (Continued)			
LTA9000 (Continued)			
Caterpillar 3406 Diesel			
1998-1988			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Caterpillar C10 Diesel			
1998-1997			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Caterpillar C12 Diesel			
1998-1997			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		
Cummins B Series 5.9 L Diesel			
1997-1995			
	4024-80		3017-02 [6] 3018-02 [9]
Cummins C Series 8.3 L Diesel			
1997-1993 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1997-1993 [w/Single Thermostat]			
	4052-80 [8]		
Cummins ISC Diesel			
1998 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1998 [w/Single Thermostat]			
	4052-80 [8]		
Cummins L10 Diesel			
1997-1988 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1988 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
1998-1991			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1996-1990			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1996-1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 60 Diesel			
1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LTL9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1994-1991				
	4049-75			
Caterpillar 3406 Diesel				
1997-1982				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1986 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
1995-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 8V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LTL9000 (Continued)				
Detroit Diesel Series 60 Diesel				
1994-1992				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
LTLA9000				
Caterpillar 3176 Diesel				
1998-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1998-1996				
	4049-75			
Caterpillar 3406 Diesel				
1998-1991				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1996-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1996-1991 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LTLA9000 (Continued)				
Cummins N14 Diesel				
1998-1991				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1998-1997				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
1994-1992				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
LTLS9000				
Caterpillar 3176 Diesel				
1998-1991				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar 3306 Diesel				
1998-1997				
	4049-75			
Caterpillar 3406 Diesel				
1998-1991				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
1998				
	4034-80 [8] 4034-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LTLS9000 (Continued)				
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1996-1991 [w/Low Flow Cool.]				
	4053-75 [1]			
1996-1991 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel				
1998-1997				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
1995-1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1998-1997				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
1994-1992				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
LTS8000				
Caterpillar 3208 Diesel				
1989-1980				
	4048-80 [1] 4048-90 [1]			
Caterpillar 3406 Diesel				
1997-1994				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LTS8000 (Continued)				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
1998 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins N14 Diesel				
1997-1993				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Ford 6-Cyl. 6.6 L Diesel				
1993-1991				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
Ford 6-Cyl. 7.8 L Diesel				
1993-1987				
	4012-60 [5]	5012-60 [5]		
	4012-70 [5]	5012-70 [5]		
	4012-80 [5]	5012-80 [5]		
	4012-95 [5]	5012-95 [5]		
LTS900				
Ford V-8 7.8 L				
1981-1980				
	4041-60 [1]			
	4041-70 [1]			
	4041-80 [1]			
LTS9000				
Caterpillar 3176 Diesel				
1997-1990				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar 3306 Diesel				
1997-1989				
	4049-75			
Caterpillar 3406 Diesel				
1997-1980				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [14]			
	4047-70 [14]			
	4047-80 [14]			
	4047-90 [14]			

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Medium/Heavy Trucks (Continued)				
LTS9000 (Continued)				
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1997-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1995				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1995				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1982-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel Series 60 Diesel				
1994-1992				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
School Buses				
B600				
Detroit Diesel V-8 8.2 L Diesel				
1987-1986				
	4020-80			
B7000				
Caterpillar 3208 Diesel				
1987-1983				
	4048-80 [1]			
	4048-90 [1]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Tractors				
2310				
Ford 3-Cyl. 158 Diesel 1985-1982				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
2600				
Ford 3-Cyl. 158 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Ford 3-Cyl. 158 Diesel 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
2610				
Ford 3-Cyl. 158 1983-1982				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Ford 3-Cyl. 175 Diesel 1983-1982				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
335 Industrial				
Ford 3-Cyl. 175 1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
3600				
Ford 3-Cyl. 175 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Ford 3-Cyl. 175 Diesel 1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
3610				
Ford 3-Cyl. 175 1983-1982				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Tractors (Continued)				
4100				
Ford 3-Cyl. 183 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Ford 3-Cyl. 183 Diesel 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
4110				
Ford 3-Cyl. 201 Diesel 1983-1981				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
4600				
Ford 3-Cyl. 201 Diesel 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
4600SU				
Ford 3-Cyl. 201 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Ford 3-Cyl. 201 Diesel 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
540 Industrial				
Ford 3-Cyl. 201 Diesel 1985				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
1983-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
555 Industrial				
Ford 3-Cyl. 201 1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(1) 2 Required. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Ford (Continued)				
Tractors (Continued)				
555 Industrial (Continued)				
Ford 3-Cyl. 201 Diesel				
1985-1980				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
5600				
Ford 4-Cyl. 233 Diesel				
1981-1980				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
6600				
Ford 4-Cyl. 256				
1981-1980				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Ford 4-Cyl. 256 Diesel				
1981-1980				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
6710				
Ford 4-Cyl. 256 Diesel				
1985-1982				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Freightliner				
Medium/Heavy Trucks				
Argosy				
Caterpillar 3406 Diesel				
2002				
	4049-75			
2001-1999				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C10 Diesel				
2003-1999				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2004-1999				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2004-2001				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
Argosy (Continued)				
Cummins N14 Diesel				
2002-1999				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
2003-1999				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2006-1999				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 14.0 L Diesel				
2006-2003				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Business Class M2				
Caterpillar 3126 Diesel				
2007				
	4048-80 [1]			
	4048-90 [1]			
2004-2002				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C11 Diesel				
2007-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C13 Diesel				
2008-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C9 Diesel				
2008-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins ISB Diesel				
2007 [w/24-Valve Eng.]				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISB-07 Diesel				
2009-2008				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2009-2004 [w/Dual Thermostats]				
	4058-80 [1]			
2009-2004 [w/Single Thermostat]				
	4052-80 [8]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
Cascadia			
Caterpillar C15 Diesel 2008			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel 2009-2008			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Century Class			
Caterpillar 3406 Diesel 2002-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel 2003-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel 2006-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 2004-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2008-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel 2008-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel 2008-2007			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins M11 Diesel 1997-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel 2003-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
Century Class (Continued)			
Detroit Diesel 6-Cyl. 11.1 L Diesel 2003-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel 2007-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel 2007-2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 55 Diesel 1998-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Classic			
Caterpillar C10 Diesel 2003-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel 2006-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 2004-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel 2007-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel 2003-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins N14 Diesel 2002-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
Classic (Continued)			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2002-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2007-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel			
2009-2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Classic XL			
Caterpillar C10 Diesel			
2003-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel			
2006-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2003-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2007-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2003-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins N14 Diesel			
2002-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2002-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
Classic XL (Continued)			
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2007-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel			
2008-2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Columbia			
Caterpillar 3406 Diesel			
2002-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
2003-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel			
2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2008-2007			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
2004-2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2008-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2008-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2008-2007			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
2004-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
Columbia (Continued)			
Cummins N14 Diesel			
2008-2005	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
2003-2001	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2001-2000	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2008-2000	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel			
2008-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Condor			
Caterpillar 3126 Diesel			
2004-2001	4048-80 [1] 4048-90 [1]		
Caterpillar C10 Diesel			
2004-2001	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel			
2006-2004	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2004-2001	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2006-2004	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C7 Diesel			
2007-2004	4048-80 [1] 4048-90 [1]		
Caterpillar C9 Diesel			
2006-2004	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
Condor (Continued)			
Cummins ISC Diesel			
2006-2002 [w/Dual Thermostats]	4058-80 [1]		
2006-2002 [w/Single Thermostat]	4052-80 [8]		
Coronado			
Caterpillar C15 Diesel			
2008-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2003-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2008-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel			
2009-2003	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
FC70			
Cummins ISB Diesel			
2003-1999	4034-80 [8] 4034-90 [8]		
FC80			
Cummins ISB Diesel			
2007-1999	4034-80 [8] 4034-90 [8]		
FL106			
Detroit Diesel Series 50 Diesel			
2003-1994	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
FL112			
Caterpillar C10 Diesel			
2004-1997	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2004-1997	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1997-1996	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
FL112 (Continued)				
Detroit Diesel Series 50 Diesel				
1998-1997				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 55 Diesel				
1998-1997				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
FL50				
Caterpillar 3126 Diesel				
2004-1995				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins B Series 5.9 L Diesel				
1997-1995				
	4024-80		3017-02 [6]	3018-02 [9]
Cummins C Series 8.3 L Diesel				
1997-1995 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1995 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2003-1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2005-1998 [w/Dual Thermostats]				
	4058-80 [1]			
2005-1998 [w/Single Thermostat]				
	4052-80 [8]			
FL60				
Caterpillar 3126 Diesel				
2004-1995				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2005-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1991				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1994 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1994 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2003-1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2004-1998 [w/Dual Thermostats]				
	4058-80 [1]			
2004-1998 [w/Single Thermostat]				
	4052-80 [8]			

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
FL70				
Caterpillar 3126 Diesel				
2004-1995				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2005-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1991				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1994 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1994 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2003-1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2005-1998 [w/Dual Thermostats]				
	4058-80 [1]			
2005-1998 [w/Single Thermostat]				
	4052-80 [8]			
FL80				
Caterpillar 3126 Diesel				
2005-1995				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2005-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993-1991				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1994 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1994 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2003-1998				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2005-1998 [w/Dual Thermostats]				
	4058-80 [1]			
2005-1998 [w/Single Thermostat]				
	4052-80 [8]			
FLA				
Caterpillar 3176 Diesel				
1994-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

(1) 2 Required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
FLA (Continued)			
Caterpillar 3306 Diesel			
1994-1989			
	4049-75		
Caterpillar 3406 Diesel			
1994-1989			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins L10 Diesel			
1994-1989 [w/Low Flow Cool.]			
	4053-75 [1]		
1994-1989 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins N14 Diesel			
1994-1991			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1994-1989			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1994			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
FLB			
Caterpillar 3176 Diesel			
1996-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar 3306 Diesel			
1998-1997			
	4049-75		
Caterpillar 3406 Diesel			
1999-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
1999-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
FLB (Continued)			
Caterpillar C12 Diesel			
1999-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins ISC Diesel			
1998 [w/Dual Thermostats]			
	4058-80 [1]		
1998 [w/Single Thermostat]			
	4052-80 [8]		
Cummins L10 Diesel			
1998-1994 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1994 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1999-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
1999-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1999-1994			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1999-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
FLC			
Caterpillar 3176 Diesel			
1996-1989			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar 3306 Diesel			
1997			
	4049-75		
1994-1983			
	4049-75		
1981-1980			
	4049-75		
Caterpillar 3406 Diesel			
1998-1980			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar 3408 Diesel			
1985-1980			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
FLC (Continued)				
Caterpillar C10 Diesel				
1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins 6-Cyl. 14.0 L Diesel				
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins C Series 8.3 L Diesel				
1996-1995 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1993-1989 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1995 [w/Single Thermostat]				
	4052-80 [8]			
1993-1989 [w/Single Thermostat]				
	4052-80 [8]			
Cummins KT Diesel				
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Cummins L10 Diesel				
1997-1983 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1983 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1998-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1998-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
2000-1987				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1998-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
FLC (Continued)				
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1985-1981				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1988-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
FLD				
Caterpillar 3176 Diesel				
1996-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
2000-1988				
	4049-75			
Caterpillar 3406 Diesel				
2007				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
2002-1988				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C10 Diesel				
2004-1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C11 Diesel				
2007-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2004-1996				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C13 Diesel				
2007-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2008-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
FLD (Continued)				
Caterpillar C16 Diesel				
2004-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins 6-Cyl. 14.0 L Diesel				
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins C Series 8.3 L Diesel				
1996-1995 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1991-1990 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1995 [w/Single Thermostat]				
	4052-80 [8]			
1991-1990 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2000 [w/24-Valve Eng.]				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2002-1998 [w/Dual Thermostats]				
	4058-80 [1]			
2002-1998 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1998-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1998-1988 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1997-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
2008-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
2002-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2008-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
Medium/Heavy Trucks (Continued)				
FLD (Continued)				
Detroit Diesel 6-Cyl. 14.0 L Diesel				
2009-2001				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1988				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1988				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel Series 50 Diesel				
2002-1994				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 55 Diesel				
1998-1997				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
FLL				
Caterpillar 3176 Diesel				
1996-1992				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1998-1997				
	4049-75			
Caterpillar 3406 Diesel				
1998-1995				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C10 Diesel				
1998-1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
1998-1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1998-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1998-1989 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
FLL (Continued)			
Cummins M11 Diesel			
1998-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1998-1995			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1998-1995			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1998-1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
FLS112			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
FLT			
Caterpillar 3306 Diesel			
1988-1984			
	4049-75		
Caterpillar 3406 Diesel			
1988-1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3408 Diesel			
1985-1982			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins KT Diesel			
1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02

Application	Standard	High Flow	Gasket or Seal
Freightliner (Continued)			
Medium/Heavy Trucks (Continued)			
FLT (Continued)			
Cummins L10 Diesel			
1988-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1988-1987			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6V-92 Diesel			
1988-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1985-1982			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-92 Diesel			
1988-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
MT35			
Cummins ISB Diesel			
2006-2004			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISB-07 Diesel			
2008-2007			
	4034-80 [8]		
	4034-90 [8]		
MT45			
Cummins ISB CNG			
2001			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISB Diesel			
2007-1999			
	4034-80 [8]		
	4034-90 [8]		
1998 [w/24-Valve Eng.]			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISB-07 Diesel			
2008-2007			
	4034-80 [8]		
	4034-90 [8]		
MT55			
Cummins ISB CNG			
2001			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISB Diesel			
2007-1999			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISB-07 Diesel			
2008-2007			
	4034-80 [8]		
	4034-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Freightliner (Continued)				
School Buses				
FS65				
Caterpillar 3126 Diesel 2004-1997				
	4048-80 [1] 4048-90 [1]			
Caterpillar C7 Diesel 2008-2004				
	4048-80 [1] 4048-90 [1]			
Gardner-Denver				
Compressors				
D825				
Caterpillar 3306B Diesel <All>				
	4049-75			
RP365				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
RP600				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
RP600D				
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
RP600DB				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
SP1200DE				
Detroit Diesel 12V-71 Diesel <All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
Detroit Diesel 8V-71 Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
SPKDB				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Gardner-Denver (Continued)				
Compressors (Continued)				
SPNDA				
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
SPNDB				
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
SPQDA				
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
SPQDB				
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
SPQDC				
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71 Diesel <All>				
	4041-60 4041-70 4041-80			
SPTDA				
Detroit Diesel 12V-71 Diesel <All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
Detroit Diesel 8V-71 Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
SPTDC				
Detroit Diesel 12V-71 Diesel <All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal	
Gardner-Denver (Continued)				
Compressors (Continued)				
SPTDC (Continued)				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
SPTDD				
Caterpillar 3406DI Diesel				
<All>				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
SPWDA				
Detroit Diesel 12V-71 Diesel				
<All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
SPWDB				
Detroit Diesel 12V-71 Diesel				
<All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
WBH				
Caterpillar D13000 Diesel				
<All>				
	4042-70 [1] 4042-80 [1]			
WBK				
Caterpillar D13000 Diesel				
<All>				
	4042-70 [1] 4042-80 [1]			
WH315G				
Caterpillar D339 Diesel				
<All>				
	4042-70 [1] 4042-80 [1]			
Gerlinger				
Forklifts				
12RH				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
15RH				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
30R				
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
30RH				
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
30S				
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
30SH				
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
40R				
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
40RH				
Hercules DD298 Diesel				
<All>	4005-60 4005-80			
Hercules DD339 Diesel				
<All>	4005-60 4005-80			
Hercules GO339				
<All>	4005-60 4005-80			
40S				
Hercules DD298 Diesel				
<All>	4005-60 4005-80			
Hercules DD339 Diesel				
<All>	4005-60 4005-80			
Hercules GO339				
<All>	4005-60 4005-80			
40SH				
Hercules DD298 Diesel				
<All>	4005-60 4005-80			
Hercules DD339 Diesel				
<All>	4005-60 4005-80			
Hercules GO339				
<All>	4005-60 4005-80			
4MH				
Hercules DD298 Diesel				
<All>	4005-60 4005-80			
Hercules DD339 Diesel				
<All>	4005-60 4005-80			
Hercules GO339				
<All>	4005-60 4005-80			
60AV				
Continental F244				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
A10				
Continental F244				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
A10 (Continued)				
Hercules D2300 Diesel				
<All>	4005-60 4005-80			
A12				
Continental F244				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules D2300 Diesel				
<All>	4005-60 4005-80			
AMP				
Continental M363				
<All>	4005-60 4005-80			
B15				
Detroit Diesel 2-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 3-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>	4006-60 4006-80			
B16				
Detroit Diesel 2-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 3-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>	4006-60 4006-80			
B17				
Detroit Diesel 2-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 3-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 4-53 Diesel				
<All>	4006-60 4006-80			
B18				
Detroit Diesel 2-53 Diesel				
<All>	4006-60 4006-80			
Detroit Diesel 3-53 Diesel				
<All>	4006-60 4006-80			

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Gerlinger (Continued)			
Forklifts (Continued)			
B18 (Continued)			
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		
B19			
Detroit Diesel 2-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		
B20			
Detroit Diesel 2-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		
B21			
Detroit Diesel 2-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		
B22			
Detroit Diesel 2-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		
B23			
Detroit Diesel 2-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		

Application	Standard	High Flow	Gasket or Seal
Gerlinger (Continued)			
Forklifts (Continued)			
B24			
Detroit Diesel 2-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
Detroit Diesel 4-53 Diesel <All>			
	4006-60 4006-80		
G12			
Hercules DD298 Diesel <All>			
	4005-60 4005-80		
Hercules DD339 Diesel <All>			
	4005-60 4005-80		
Hercules GO339 <All>			
	4005-60 4005-80		
G15			
Hercules DD298 Diesel <All>			
	4005-60 4005-80		
Hercules DD339 Diesel <All>			
	4005-60 4005-80		
Hercules GO339 <All>			
	4005-60 4005-80		
G16			
Hercules DD298 Diesel <All>			
	4005-60 4005-80		
Hercules DD339 Diesel <All>			
	4005-60 4005-80		
Hercules GO339 <All>			
	4005-60 4005-80		
G18			
Hercules DD298 Diesel <All>			
	4005-60 4005-80		
Hercules DD339 Diesel <All>			
	4005-60 4005-80		
Hercules GO339 <All>			
	4005-60 4005-80		
G20			
Hercules DD298 Diesel <All>			
	4005-60 4005-80		

Application	Standard	High Flow	Gasket or Seal
Gerlinger (Continued)			
Forklifts (Continued)			
G20 (Continued)			
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
G22			
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
M24			
Continental M363			
<All>			
	4005-60 4005-80		
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
M26			
Continental M363			
<All>			
	4005-60 4005-80		
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
M28			
Continental M363			
<All>			
	4005-60 4005-80		
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		

Application	Standard	High Flow	Gasket or Seal
Gerlinger (Continued)			
Forklifts (Continued)			
M28 (Continued)			
Hercules GO339			
<All>			
	4005-60 4005-80		
M30			
Continental M363			
<All>			
	4005-60 4005-80		
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
PC			
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
PF30			
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
PFH30			
Hercules DD298 Diesel			
<All>			
	4005-60 4005-80		
Hercules DD339 Diesel			
<All>			
	4005-60 4005-80		
Hercules GO339			
<All>			
	4005-60 4005-80		
S10			
Continental F244			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
S10 (Continued)				
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
S10N				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
S12				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
S15				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
S15 (Continued)				
Hercules GO339				
<All>				
	4005-60 4005-80			
S16				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
S18				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
S8				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel				
<All>				
	4005-60 4005-80			
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
S8N				
Continental F244 <All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
SM20				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
SM30				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
SMH				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
U8				
Continental F244 <All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
W12				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
W15				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
W16				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
W18				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
W20				
Hercules DD298 Diesel <All>	4005-60 4005-80			
Hercules DD339 Diesel <All>	4005-60 4005-80			
Hercules GO339 <All>	4005-60 4005-80			
W22				
Hercules DD298 Diesel <All>	4005-60 4005-80			

Application	Standard	High Flow	Gasket or Seal	
Gerlinger (Continued)				
Forklifts (Continued)				
W22 (Continued)				
Hercules DD339 Diesel				
<All>				
	4005-60 4005-80			
Hercules GO339				
<All>				
	4005-60 4005-80			
Gillig				
Transit Buses				
Low Floor				
Detroit Diesel Series 50 Diesel				
1999-1998				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Phantom				
Detroit Diesel Series 50 Diesel				
1999-1998				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1991				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Phantom 102TB				
Detroit Diesel 6V-92 Diesel				
2001				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
1988-1985				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Phantom 96TB				
Detroit Diesel 6V-92 Diesel				
2001-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel Series 50 Diesel				
1999-1994				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Gleaner				
Combines				
A85				
Caterpillar C13 Diesel				
2007				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
Gleaner (Continued)				
Combines (Continued)				
F2				
Chevrolet 6-Cyl. 292				
1982-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
K2				
Chevrolet 6-Cyl. 250				
1981-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GMC				
Light Trucks				
C2500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2000				
	4033-95 [11]			
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
C3500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2002-2000				
	4026-95		3005-01	
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
V8 - 8.1L				
2002-2001				
	4021-95 [8]	5021-95 [8]		
K2500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2000				
	4033-95 [11]			
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
K3500				
V8 - 5.7L				
2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.5L Diesel				
2000				
	4026-95		3005-01	
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
Safari				
V6 - 4.3L				
2005-2000				
	4013-95 [8]	5013-95 [8]		
Savana 1500				
V6 - 4.3L				
2008-2000				
	4013-95 [8]	5013-95 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Light Trucks (Continued)				
Savana 1500 (Continued)				
V8 - 5.0L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 5.3L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 5.7L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
Savana 2500				
V6 - 4.3L				
2005-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 4.8L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 5.0L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 5.3L				
2005-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 5.7L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 6.5L Diesel				
2002-2000				
	4033-95 [11]			
V8 - 6.6L Diesel				
2007-2006				
	4036-KT [8]			
Savana 3500				
V8 - 4.8L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
V8 - 5.7L				
2002-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003				
	4029-87 [8]			
V8 - 6.5L Diesel				
2002-2000				
	4033-95 [11]			
V8 - 6.6L Diesel				
2007-2006				
	4036-KT [8]			

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Light Trucks (Continued)				
Savana 3500 (Continued)				
V8 - 7.4L				
2000				
	4021-95 [8]	5021-95 [8]		
V8 - 8.1L				
2002-2001				
	4021-95 [8]	5021-95 [8]		
Sierra 1500				
V6 - 4.3L				
2007-2000				
	4013-95 [8]	5013-95 [8]		
V8 - 4.8L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2000				
	4029-87 [8]			
V8 - 5.3L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2000				
	4029-87 [8]			
V8 - 6.0L				
2009				
	4037-87 [8]			
2008-2007				
	4039-87 [8]			
2006				
	4037-87 [8]			
Sierra 1500 HD				
V8 - 6.0L				
2007				
	4039-87 [8]			
2006-2005				
	4037-87 [8]			
2003-2001				
	4029-87 [8]			
Sierra 2500				
V8 - 5.3L				
2000				
	4029-87 [8]			
V8 - 6.0L				
2004				
	4037-87 [8]			
2003-2000				
	4029-87 [8]			
Sierra 2500 HD				
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2001				
	4029-87 [8]			
V8 - 6.6L Diesel				
2007-2001				
	4036-KT [8]			
V8 - 8.1L				
2007-2001				
	4021-95 [8]	5021-95 [8]		
Sierra 3500				
V8 - 6.0L				
2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2001				
	4029-87 [8]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Light Trucks (Continued)				
Sierra 3500 (Continued)				
V8 - 6.6L Diesel				
2007-2001				
	4036-KT [8]			
V8 - 8.1L				
2007-2001				
	4021-95	5021-95		
Sierra 3500 HD				
V8 - 6.0L				
2008-2007				
	4039-87 [8]			
V8 - 6.6L Diesel				
2007				
	4036-KT [8]			
Sierra C3				
V8 - 6.0L				
2001				
	4029-87 [8]			
Sierra Denali				
V8 - 6.0L				
2007				
	4039-87 [8]			
2006-2004				
	4037-87 [8]			
2003-2002				
	4029-87 [8]			
V8 - 6.2L				
2008-2007				
	4039-87 [8]			
Medium/Heavy Trucks				
Astro				
Caterpillar 3406 Diesel				
1983-1980				
	4049-75			
Detroit Diesel 6-71 Diesel				
1983-1980				
	4041-60 4041-70 4041-80			
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1983-1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-92 Diesel				
1988-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Brigadier				
Caterpillar 3208 Diesel				
1988-1980				
	4048-80 [1] 4048-90 [1]			
Caterpillar 3406 Diesel				
1983-1980				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
Brigadier (Continued)				
Cummins L10 Diesel				
1988-1983 [w/Low Flow Cool.]				
	4053-75 [1]			
1988-1983 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1988-1980				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1988				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6V-53 Diesel				
1985-1980 [Early]				
	4006-60 [1] 4006-80 [1]		3019-02 [1] 3019-02 [1]	
1985-1980 [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1981-1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-92 Diesel				
1983-1982				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
GM V-8 6.0 L				
1980				
	4009-80 4009-95			
GM V-8 7.0 L				
1981-1980				
	4009-80 4009-95			
C5000				
GM 6-Cyl. 4.8 L				
1986-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3007-01 3007-01 3007-01 3007-01 3007-01	
GM V-8 6.0 L				
1990				
	4009-80 4009-95		3011-02 3011-02	
C5500				
Caterpillar 3116 Diesel				
1999				
	4048-80 4048-90			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
C5500 (Continued)				
Caterpillar 3126 Diesel				
2002-1998				
	4048-80 [1]			
	4048-90 [1]			
C6000				
Caterpillar 3116 Diesel				
1990				
	4048-80			
	4048-90			
Caterpillar 3208 Diesel				
1984-1980				
	4048-80 [1]			
	4048-90 [1]			
Detroit Diesel 4-53 Diesel				
1981-1980				
	4006-60			
	4006-80			
Detroit Diesel V-8 8.2 L Diesel				
1990-1987				
	4020-80 [1]			
1986 [Feb. & Newer]				
	4020-80 [1]			
1986 [Feb. & Older]				
	4020-80 [1]			
1985-1980				
	4020-80 [1]			
GM 6-Cyl. 4.8 L				
1986-1980				
	4001-60	5001-60	3007-01	
	4001-70	5001-70	3007-01	
	4001-80	5001-80	3007-01	
	4001-95	5001-95	3007-01	
	4001-05	5001-05	3007-01	
GM V-8 6.0 L				
1990				
	4009-80		3011-02	
	4009-95		3011-02	
1989-1980				
	4009-80			
	4009-95			
C6500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			
C7000				
Caterpillar 3116 Diesel				
1990				
	4048-80			
	4048-90			
Caterpillar 3208 Diesel				
1990-1980				
	4048-80 [1]			
	4048-90 [1]			
Detroit Diesel 4-53 Diesel				
1981-1980				
	4006-60			
	4006-80			

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
C7000 (Continued)				
Detroit Diesel V-8 8.2 L Diesel				
1990-1987				
	4020-80 [1]			
1986 [Feb. & Newer]				
	4020-80 [1]			
1986 [Feb. & Older]				
	4020-80 [1]			
1985-1980				
	4020-80 [1]			
GM V-8 6.0 L				
1990				
	4009-80		3011-02	
	4009-95		3011-02	
1989-1980				
	4009-80			
	4009-95			
GM V-8 7.0 L				
1990				
	4009-80		3011-02	
	4009-95		3011-02	
1989-1980				
	4009-80			
	4009-95			
C7500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			
C8500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			
Forward W4				
Caterpillar 3116 Diesel				
1997				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
1998				
	4048-80 [1]			
	4048-90 [1]			
Isuzu 4BD1 Diesel				
1989-1987				
	4050-80 [8]			
Forward W5				
Caterpillar 3116 Diesel				
1997				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
1998				
	4048-80 [1]			
	4048-90 [1]			

(1) 2 Required. (8) Seal included.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
Forward W6				
Caterpillar 3116 Diesel				
1999-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
1999-1998				
	4048-80 [1] 4048-90 [1]			
Forward W7				
Caterpillar 3116 Diesel				
1999-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
1999-1998				
	4048-80 [1] 4048-90 [1]			
General				
Caterpillar 3406 Diesel				
1988-1980				
	4049-75			
Cummins L10 Diesel				
1988-1985 [w/Low Flow Cool.]				
	4053-75 [1]			
1988-1985 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1988-1980				
	4041-60 4041-70 4041-80			
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1983-1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-92 Diesel				
1988-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel Series 60 Diesel				
1988-1987				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
P3500				
Caterpillar 3116 Diesel				
2000-1997				
	4048-80 4048-90			
1994-1992				
	4048-80 4048-90			
Caterpillar 3126 Diesel				
2000-1997				
	4048-80 [1] 4048-90 [1]			

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
P3500 (Continued)				
Detroit Diesel V-8 8.2 L Diesel				
1990				
	4020-80 [1]			
GM 6-Cyl. 4.8 L				
1989-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3007-01 3007-01 3007-01 3007-01 3007-01	
GM V-8 6.0 L				
1996-1990				
	4009-80 4009-95		3011-02 3011-02	
GM V-8 6.2 L Diesel				
1991-1982				
	4035-95		3005-01	
GM V-8 6.5 L Diesel				
1996				
	4026-80 4026-95		3005-01 3005-01	
1995-1994 [Eng. VIN F]				
	4026-80 4026-95		3011-02 3011-02	
GM V-8 7.0 L				
1996-1990				
	4009-80 4009-95		3011-02 3011-02	
P4T042				
GM 6-Cyl. 4.8 L				
1988-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3007-01 3007-01 3007-01 3007-01 3007-01	
P6S042				
Caterpillar 3116 Diesel				
1996-1992				
	4048-80 4048-90			
P6T042				
Detroit Diesel V-8 8.2 L Diesel				
1990-1987				
	4020-80 [1]			
1986 [Feb. & Newer]				
	4020-80 [1]			
1986 [Feb. & Older]				
	4020-80 [1]			
1985-1983				
	4020-80 [1]			
GM V-8 5.7 L				
1990				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	3004-01 3004-01 3004-01 3004-01 3004-01	
GM V-8 6.0 L				
1990-1983				
	4009-80 4009-95			
GM V-8 7.0 L				
1990-1987				
	4009-80 [1] 4009-95 [1]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
T5500				
Caterpillar 3116 Diesel 1998-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel 2003-1998				
	4048-80 [1] 4048-90 [1]			
T6500				
Caterpillar 3116 Diesel 1998-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel 2003-1998				
	4048-80 [1] 4048-90 [1]			
T7500				
Caterpillar 3116 Diesel 1998-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel 2003-1998				
	4048-80 [1] 4048-90 [1]			
T8500				
Caterpillar 3116 Diesel 1998-1997				
	4048-80 4048-90			
Caterpillar 3126 Diesel 2003-1998				
	4048-80 [1] 4048-90 [1]			
Topkick C5500				
GM V-8 6.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
GM V-8 7.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
Topkick C6500				
Caterpillar 3116 Diesel 1996-1991				
	4048-80 4048-90			
GM V-8 6.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
GM V-8 7.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
Topkick C7500				
Caterpillar 3116 Diesel 1996-1991				
	4048-80 4048-90			
GM V-8 6.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
GM V-8 7.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Medium/Heavy Trucks (Continued)				
Topkick C8500				
Caterpillar 3116 Diesel 1996-1991				
	4048-80 4048-90			
GM V-8 6.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
GM V-8 7.0 L 1996-1991				
	4009-80 4009-95		3011-02 3011-02	
W4500				
Isuzu 4HE1-TC Diesel 2004				
Driver Side	4056-80 [8]			
2004 Pass. Side	4057-85 [8]			
2003 Driver Side	4056-80 [8]			
2003 Pass. Side	4057-85 [8]			
2002 Driver Side	4056-80 [8]			
2002 Pass. Side	4057-85 [8]			
2001 Driver Side	4056-80 [8]			
2001 Pass. Side	4057-85 [8]			
2000 Driver Side	4056-80 [8]			
2000 Pass. Side	4057-85 [8]			
W6				
GM V-8 6.0 L 1980				
	4009-80 4009-95			
W7				
GM V-8 6.0 L 1980				
	4009-80 4009-95			
GM V-8 7.0 L 1980				
	4009-80 4009-95			
School Buses				
B6000 B6P Series				
Caterpillar 3116 Diesel 2003-1998				
	4048-80 4048-90			
1996-1992				
	4048-80 4048-90			
Caterpillar 3126 Diesel 1999-1998				
	4048-80 [1] 4048-90 [1]			
Detroit Diesel V-8 8.2 L Diesel 1991-1986				
	4020-80			

(1) 2 Required. (8) Seal included.

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
School Buses (Continued)				
B6000 B6P Series (Continued)				
GM V-8 5.7 L 1984-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
B7 Series				
Caterpillar 3116 Diesel 2002-1993				
	4048-80 4048-90			
Caterpillar 3126 Diesel 2002-1998				
	4048-80 [1] 4048-90 [1]			
Transit Buses				
T70204				
Detroit Diesel 6V-71 Diesel 1987-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6V-92 Diesel 1988-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel 1988-1984				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T70604				
Detroit Diesel 6V-71 Diesel 1987-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6V-92 Diesel 1988-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel 1988-1984				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T7H203				
Detroit Diesel 8V-71 Diesel 1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T7H603				
Detroit Diesel 6V-71 Diesel 1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	

Application	Standard	High Flow	Gasket or Seal	
GMC (Continued)				
Transit Buses (Continued)				
T7W203				
Detroit Diesel 6V-71 Diesel 1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
T7W603				
Detroit Diesel 6V-71 Diesel 1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
T80204				
Detroit Diesel 6V-92 Diesel 1988-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel 1988-1984				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T80604				
Detroit Diesel 6V-71 Diesel 1987-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6V-92 Diesel 1988-1981				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel 1988-1984				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T8H203				
Detroit Diesel 8V-71 Diesel 1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T8H603				
Detroit Diesel 8V-71 Diesel 1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
T8W203				
Detroit Diesel 6V-71 Diesel 1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
GMC (Continued)			
Transit Buses (Continued)			
T8W603			
Detroit Diesel 6V-71 Diesel			
1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Grove			
Cranes			
64-18			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1]		3019-02
	4006-80 [1]		3019-02
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
8435G			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
RT522			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		
RT59S			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		
RT630			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1]		
	4048-90 [1]		
RT745			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1]		
	4048-90 [1]		
Herc			
Scrapers			
14YD			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		
Huber-Warco			
Compactors			
10 Ton			
Caterpillar D311H Diesel			
<All>			
	4042-70 [5]		
	4042-80 [5]		
10-14 Ton			
Continental F226			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		

Application	Standard	High Flow	Gasket or Seal
Huber-Warco (Continued)			
Compactors (Continued)			
5-8 Ton			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
8-10 Ton			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
8-12 Ton			
Continental F226			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
Three Wheel			
Detroit Diesel 2-71 Diesel			
<All>			
	4006-60		
	4006-80		
Motor Graders			
10D			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
11D			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
9D			
Detroit Diesel 3-71 Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
M150			
Continental F162			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
M180			
Continental F162			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	
Maintainer			
Continental F162			
<All>			
	4001-60	5001-60	
	4001-70	5001-70	
	4001-80	5001-80	
	4001-95	5001-95	
	4001-05	5001-05	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Huber-Warco (Continued)				
Motor Graders (Continued)				
Maintainer (Continued)				
Continental GD193 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Hyhoe				
Excavators				
695				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60			
	4006-80			
895				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
Hyster				
Compactors				
C350				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C450A				
Caterpillar D311H Diesel				
<All>				
	4042-70 [5]			
	4042-80 [5]			
Caterpillar D330 Diesel				
<All>				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
C500				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
C500A				
Caterpillar D311H Diesel				
<All>				
	4042-70 [5]			
	4042-80 [5]			
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
C610B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Compactors (Continued)				
C612B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C615A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C615B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C617B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C624B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C625B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C627B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60			
	4006-80			
C852A				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
C852B				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
Cranes				
K360B				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60			
	4006-80			
KE				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		

(1) 2 Required. (5) As required. (8) Seal included.

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts				
H100B				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H100C				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H120B				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H120C				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H140C				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H150C				
Continental F244				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H150E				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H165E				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts (Continued)				
H180E				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H200E				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H200ES				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H20E				
Continental Y112				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H225E				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H225ES				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H250E				
Caterpillar 3204 Diesel				
<All>				
	4004-60	5004-60	3005-01	
	4004-70		3005-01	
	4004-80	5004-80	3005-01	
	4004-95	5004-95	3005-01	
	4004-05		3005-01	
H25E				
Continental Y112				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
H275H				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60			
	4006-80			

(1) 2 Required. (5) As required. (8) Seal included.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts (Continued)				
H300A				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
H30E				
Continental F135				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H30F				
Continental G193				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H30H				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H360A				
Continental T427				
<All>				
	4005-60 4005-80			
Continental TD427 Diesel				
<All>				
	4005-60 4005-80			
H400A				
Continental T427				
<All>				
	4005-60 4005-80			
Continental TD427 Diesel				
<All>				
	4005-60 4005-80			
H40F				
Continental G193				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts (Continued)				
H40F (Continued)				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H460A				
Continental T427				
<All>				
	4005-60 4005-80			
Continental TD427 Diesel				
<All>				
	4005-60 4005-80			
H50F				
Continental G193				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H50H				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H60B				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H60C				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts (Continued)				
H60F				
Continental G193				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H70B				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H70C				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H80B				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
H80C				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
HE50				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts (Continued)				
HE50 (Continued)				
Perkins 4-Cyl. 203				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
P125A				
Caterpillar 3204 Diesel				
<All>				
	4004-60 4004-70 4004-80 4004-95 4004-05	5004-60 5004-80 5004-95 	3005-01 3005-01 3005-01 3005-01 3005-01	
P150A				
Caterpillar 3204 Diesel				
<All>				
	4004-60 4004-70 4004-80 4004-95 4004-05	5004-60 5004-80 5004-95 	3005-01 3005-01 3005-01 3005-01 3005-01	
P150B				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
P165A				
Caterpillar 3204 Diesel				
<All>				
	4004-60 4004-70 4004-80 4004-95 4004-05	5004-60 5004-80 5004-95 	3005-01 3005-01 3005-01 3005-01 3005-01	
P180A				
Caterpillar 3204 Diesel				
<All>				
	4004-60 4004-70 4004-80 4004-95 4004-05	5004-60 5004-80 5004-95 	3005-01 3005-01 3005-01 3005-01 3005-01	
P200B				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
P40A				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Perkins 4-Cyl. 154 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
P50A				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Hyster (Continued)				
Forklifts (Continued)				
P50A (Continued)				
Perkins 4-Cyl. 154 Diesel				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
P60A				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
P80A				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
S150A				
Continental F245				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Hyundai				
Medium/Heavy Trucks				
HMD230				
Cummins ISB Diesel				
2003 [w/24-Valve Eng.]				
	4034-80 [8] 4034-90 [8]			
HMD260				
Cummins ISB Diesel				
2003 [w/24-Valve Eng.]				
	4034-80 [8] 4034-90 [8]			
Ingersoll				
Compactors				
DA40				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
SP54				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Ingersoll (Continued)				
Compressors				
XP750				
Detroit Diesel 6V-71N Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Drills				
CM695D				
Caterpillar 3306 Diesel				
<All>				
	4049-75			
D5000				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
D6000				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
T4				
Detroit Diesel 12V-71 Diesel				
<All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Ingram				
Compactors				
10 Ton				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Nov-00				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Insley				
Excavators				
H1500				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
H560B				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
H875				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
International			
Crawler Loaders			
175			
IH DT361 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
IH DT407 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
175B			
IH DT361 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
IH DT407 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
250			
IH DT429 Diesel			
<All>			
	4040-70		3020-02
	4040-80		3020-02
250B			
IH DT429 Diesel			
<All>			
	4040-70		3020-02
	4040-80		3020-02
250C			
IH DVT573B Diesel			
<All>			
	4046-60 [1]		3021-02
	4046-70 [1]		3021-02
	4046-80 [1]		3021-02
	4046-90 [1]		3021-02
Crawler Tractors			
TD20B			
IH DT429 Diesel			
<All>			
	4040-70		
	4040-80		
TD25B			
IH DT817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
TD25C			
IH DT817 Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
TD25E			
IH DT817C Diesel			
<All>			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

Application	Standard	High Flow	Gasket or Seal
International (Continued)			
Crawler Tractors (Continued)			
TD7C			
IH D206 Diesel			
<All>			
	4040-70		3020-02
	4040-80		3020-02
Forestry Equipment			
S8			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60		
	4006-80		
Loader Backhoes			
3400A			
IH C175			
<All>			
	4002-60	5001-60	
	4002-70	5001-70	
	4002-80	5001-80	
	4002-95	5001-95	
	4002-05	5001-05	
3600			
IH D282 Diesel			
<All>			
	4005-60		
	4005-80		
3600A			
IH D282 Diesel			
<All>			
	4005-60		
	4005-80		
3800			
IH D282 Diesel			
<All>			
	4005-60		
	4005-80		
3850			
IH D282 Diesel			
<All>			
	4005-60		
	4005-80		
Off-Road Haulers			
100 Hauler			
IH DT817 Diesel			
<All>			
	4040-70		
	4040-80		
180			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12]		
	4047-70 [12]		
	4047-80 [12]		
	4047-90 [12]		
Detroit Diesel 16V-71 Diesel			
<All>			
	4047-60 [12]		
	4047-70 [12]		
	4047-80 [12]		
	4047-90 [12]		
350			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12]		
	4047-70 [12]		
	4047-80 [12]		
	4047-90 [12]		

(1) 2 Required. (2) 4 Required. (8) Seal included. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal	
International (Continued)				
Off-Road Haulers (Continued)				
65				
Cummins NRT6BI Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
Cummins NRTO6BI Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
65C				
IH DVT573 Diesel				
<All>				
	4046-60 [1]		3021-02	
	4046-70 [1]		3021-02	
	4046-80 [1]		3021-02	
	4046-90 [1]		3021-02	
IH DVT573B Diesel				
<All>				
	4046-60 [1]		3021-02	
	4046-70 [1]		3021-02	
	4046-80 [1]		3021-02	
	4046-90 [1]		3021-02	
95				
IH D817 Diesel				
<All>				
	4040-70			
	4040-80			
IH DT817 Diesel				
<All>				
	4040-70			
	4040-80			
T500S				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
TD180FB				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
TD225SL				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
TD300SL				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal	
International (Continued)				
Scrapers				
270				
IH DVT573B Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
295				
IH DT817 Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
295B				
IH DT817B Diesel				
<All>				
	4040-70			
	4040-80			
495				
IH DT817 Diesel				
<All>				
	4040-70			
	4040-80			
IH DT817B Diesel				
<All>				
	4040-70			
	4040-80			
E211				
IH DT407 Diesel				
<All>				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
E270				
IH DVT573 Diesel				
<All>				
	4046-60 [1]		3021-02	
	4046-70 [1]		3021-02	
	4046-80 [1]		3021-02	
	4046-90 [1]		3021-02	
International Harvester				
Tractors				
140				
IH 4-Cyl. 123				
1981-1980				
	4001-60	5001-60	3002-01	3003-01
	4001-70	5001-70	3002-01	3003-01
	4001-80	5001-80	3002-01	3003-01
	4001-95	5001-95	3002-01	3003-01
	4001-05	5001-05	3002-01	3003-01
884				
IH 4-Cyl. 268 Diesel				
1984-1980				
	4012-60	5012-60	3002-01	3003-01
	4012-70	5012-70	3002-01	3003-01
	4012-80	5012-80	3002-01	3003-01
	4012-95	5012-95	3002-01	3003-01
TD7E				
IH 4-Cyl. 239 Diesel				
1988-1980				
	4012-60	5012-60	3002-01	3003-01
	4012-70	5012-70	3002-01	3003-01
	4012-80	5012-80	3002-01	3003-01
	4012-95	5012-95	3002-01	3003-01

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
International/Navistar			
Medium/Heavy Trucks			
1452 SC			
International/Navistar V-8 6.9 L Diesel			
1988-1987			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar V-8 7.3 L Diesel			
1991-1988			
	4033-80 [7]		
	4033-95 [7]		
1552 SC			
International/Navistar T444 Diesel			
1998-1996			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
1652 SC			
International/Navistar DT360 Diesel			
1993-1990			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
2003-1994			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
International/Navistar V-8 6.9 L Diesel			
1988-1986			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar V-8 7.3 L Diesel			
1993-1988			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar VT365 Diesel			
2006-2004			
	4038-92 [8]		
1654			
International/Navistar V-8 6.9 L Diesel			
1988-1983			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar V-8 7.3 L Diesel			
1989-1988			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar V-8 9.0 L Diesel			
1982-1981			
	4011-60 [1]		
	4011-80 [1]		
	4011-95 [1]		
1724			
International/Navistar MV404			
1982-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
1754			
Caterpillar 3208 Diesel			
1982-1980			
	4048-80 [1]		
	4048-90 [1]		
International/Navistar DT360 Diesel			
1989-1986			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
1754 (Continued)			
International/Navistar DT466 Diesel			
1988-1986 [w/Electronic Eng.]			
	4051-90		
1988-1986 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar V-8 9.0 L Diesel			
1988-1980			
	4011-60 [1]		
	4011-80 [1]		
	4011-95 [1]		
1824			
International/Navistar MV404			
1981-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
International/Navistar MV446			
1981-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
1854			
Caterpillar 3208 Diesel			
1982-1980			
	4048-80 [1]		
	4048-90 [1]		
International/Navistar DT360 Diesel			
1989-1987			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar DT466 Diesel			
1989-1980 [w/Electronic Eng.]			
	4051-90		
1989-1980 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar V-8 9.0 L Diesel			
1988-1980			
	4011-60 [1]		
	4011-80 [1]		
	4011-95 [1]		
1924			
International/Navistar MV404			
1982-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
International/Navistar MV446			
1982-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
1925			
International/Navistar MV404			
1981-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
International/Navistar MV446			
1981-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01

(1) 2 Required. (7) Remove seal on thermostat flange. (8) Seal included.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
1954				
Caterpillar 3208 Diesel				
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
International/Navistar DT466 Diesel				
1989-1980 [w/Electronic Eng.]				
	4051-90			
1989-1980 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar V-8 9.0 L Diesel				
1984				
	4011-60 [1]			
	4011-80 [1]			
	4011-95 [1]			
1955				
Caterpillar 3208 Diesel				
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
International/Navistar DT466 Diesel				
1989-1980 [w/Electronic Eng.]				
	4051-90			
1989-1980 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar V-8 9.0 L Diesel				
1982-1981				
	4011-60 [1]			
	4011-80 [1]			
	4011-95 [1]			
2155				
Caterpillar 3208 Diesel				
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
International/Navistar DT466 Diesel				
1989-1980 [w/Electronic Eng.]				
	4051-90			
1989-1980 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar V-8 9.0 L Diesel				
1980				
	4011-60 [1]			
	4011-80 [1]			
	4011-95 [1]			
2275				
Caterpillar 3406 Diesel				
1982-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
2275 (Continued)				
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1984-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
2276				
Detroit Diesel 6-71 Diesel				
1985-1983				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1988-1983				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1985-1983				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
2375				
Cummins L10 Diesel				
1989-1983 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1983 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
International/Navistar DT466 Diesel				
1988 [w/Electronic Eng.]				
	4051-90			
1988 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
2554				
Caterpillar 3208 Diesel				
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C10 Diesel				
2003				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1999				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2003				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
2554 (Continued)			
Cummins N14 Diesel			
2000-1999			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
International/Navistar DT466 Diesel			
2002-1980 [w/Electronic Eng.]			
	4051-90		
2002-1980 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
2574			
Caterpillar 3176 Diesel			
1997-1990			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Caterpillar 3406 Diesel			
1982-1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2003-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2003-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1998-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1987 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1985-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2003-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-71 Diesel			
1987-1980			
	4041-60		
	4041-70		
	4041-80		

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
2574 (Continued)			
Detroit Diesel 6V-92 Diesel			
1988-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1984-1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
International/Navistar DT466 Diesel			
2002-2001 [w/Electronic Eng.]			
	4051-90		
2002-2001 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
2575			
Cummins L10 Diesel			
1989-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1989-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-71 Diesel			
1986-1980			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1987-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1984-1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
2654			
Caterpillar C10 Diesel			
2003			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
2000-1999			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2003			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins N14 Diesel			
2000-1999			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
2654 (Continued)			
International/Navistar DT466 Diesel			
2002-1989 [w/Electronic Eng.]			
	4051-90		
2002-1989 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
2674			
Caterpillar 3176 Diesel			
1997-1990			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Caterpillar C10 Diesel			
2003-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2003-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1998-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2003-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-71 Diesel			
1986-1980			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1988-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1984-1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
2674 (Continued)			
International/Navistar DT466 Diesel			
2002-2001 [w/Electronic Eng.]			
	4051-90		
2002-2001 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
2675			
Cummins L10 Diesel			
1989-1987 [w/Low Flow Cool.]			
	4053-75 [1]		
1989-1987 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1987			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
400			
International/Navistar T444 Diesel			
1991			
	4033-80 [7]		
	4033-95 [7]		
4200			
International/Navistar VT365 Diesel			
2006-2004			
	4038-92 [8]		
4300			
International/Navistar DT466 Diesel			
2008-2002 [w/Electronic Eng.]			
	4051-90		
2008-2002 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
4400			
International/Navistar DT466 Diesel			
2008-2002 [w/Electronic Eng.]			
	4051-90		
2008-2002 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
4600			
International/Navistar T444 Diesel			
1995-1994			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
1993-1991			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar V-8 7.3 L Diesel			
1990			
	4033-80 [7]		
	4033-95 [7]		
4700			
International/Navistar DT360 Diesel			
1994-1990			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (7) Remove seal on thermostat flange. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
4700 (Continued)			
International/Navistar DT466 Diesel			
2002-1994 [w/Electronic Eng.]			
	4051-90		
2002-1994 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
2001-1994			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
4800			
International/Navistar DT360 Diesel			
1994-1990			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar DT466 Diesel			
2003-1990 [w/Electronic Eng.]			
	4051-90		
2003-1990 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
1997-1995			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
4900			
International/Navistar DT360 Diesel			
1993			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar DT466 Diesel			
2003-1990 [w/Electronic Eng.]			
	4051-90		
2003-1990 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
1997-1996			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
1995			
	4030-80		
	4030-92		
	4030-05		
500			
International/Navistar T444 Diesel			
1991			
	4033-80 [7]		
	4033-95 [7]		
5000			
Caterpillar 3176 Diesel			
1997-1995			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
5000 (Continued)			
Caterpillar 3406 Diesel			
1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2000-1998			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
1999-1998			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins L10 Diesel			
1998-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1995			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1999-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
5500i			
Caterpillar 3406 Diesel			
2003-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (7) Remove seal on thermostat flange.. (8) Seal included. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
5500i (Continued)			
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2007-2006			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Cummins N14 Diesel			
2003-2000			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
International/Navistar DT466 Diesel			
2002-2001 [w/Electronic Eng.]			
	4051-90		
2002-2001 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
5600i			
Caterpillar 3406 Diesel			
2003-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C11 Diesel			
2007-2006			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2007-2004			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Cummins N14 Diesel			
2003-2000			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
5600i (Continued)			
International/Navistar DT466 Diesel			
2002-2001 [w/Electronic Eng.]			
	4051-90		
2002-2001 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
5900i			
Caterpillar 3406 Diesel			
2003-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2003-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-2000			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2007-2004			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Cummins N14 Diesel			
2003-2000			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
7100			
International/Navistar DT466 Diesel			
1995-1990 [w/Electronic Eng.]			
	4051-90		
1995-1990 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
1994			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
7300			
International/Navistar DT466 Diesel			
2007-2002 [w/Electronic Eng.]			
	4051-90		
2007-2002 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
7400			
International/Navistar DT466 Diesel			
2007-2002 [w/Electronic Eng.]			
	4051-90		
2007-2002 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
7500			
International/Navistar DT466 Diesel			
2002 [w/Electronic Eng.]			
	4051-90		
2002 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
7600			
Caterpillar 3406 Diesel			
2003			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-2002			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C11 Diesel			
2007-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-2002			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2008-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
7700			
Caterpillar C11 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
8100			
Caterpillar 3176 Diesel			
1997-1990			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
8100 (Continued)			
Caterpillar 3406 Diesel			
1998			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2003-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1998-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1999-1995			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
1993-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
1993-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel Series 50 Diesel			
1998-1994			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
8100 (Continued)			
International/Navistar DT466 Diesel			
2003-1990 [w/Electronic Eng.]			
	4051-90		
2003-1990 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
8200			
Caterpillar 3176 Diesel			
1997-1990			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Caterpillar 3406 Diesel			
1998-1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
1998-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1997-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1998-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1996-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1996-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
8200 (Continued)			
Detroit Diesel Series 50 Diesel			
1997			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel Series 60 Diesel			
1998-1997			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
International/Navistar DT466 Diesel			
1997 [w/Electronic Eng.]			
	4051-90		
1997 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
8300			
Caterpillar 3176 Diesel			
1994-1990			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Caterpillar 3406 Diesel			
1994-1988			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1994-1988 [w/Low Flow Cool.]			
	4053-75 [1]		
1994-1988 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins N14 Diesel			
1994-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1994-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1994-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
8500			
International/Navistar DT466 Diesel			
2002 [w/Electronic Eng.]			
	4051-90		
2002 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
8600			
Caterpillar C10 Diesel 2004-2002			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel 2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 2004-2002			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
9100			
Caterpillar 3406 Diesel 1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel 1999-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 1999-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel 1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel 1999-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel Series 60 Diesel 1999-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
9100i			
Caterpillar C10 Diesel 2003-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
9100i (Continued)			
Caterpillar C12 Diesel 2003-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins N14 Diesel 2003-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel Series 60 Diesel 2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
9200			
Caterpillar 3176 Diesel 1997-1993			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Caterpillar 3406 Diesel 1998-1995			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel 1999-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1996 [w/Low Flow Cool.]			
	4053-75 [1]		
1996 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 1999-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins L10 Diesel 1994-1993 [w/Low Flow Cool.]			
	4053-75 [1]		
1994-1993 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel 1998-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel 1999-1995			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9200 (Continued)				
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1994				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1997-1995				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1999-1998				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
9200i				
Caterpillar 3406 Diesel				
2003-2002				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C10 Diesel				
2004-2000				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2004-2000				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C13 Diesel				
2008-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2004-2003				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Caterpillar C16 Diesel				
2003				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins N14 Diesel				
2003-2000				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2003-2002				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9200i (Continued)				
Detroit Diesel Series 60 Diesel				
2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
9300				
Caterpillar 3176 Diesel				
1996-1990				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Caterpillar 3406 Diesel				
1999-1988				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C10 Diesel				
1999-1996				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
1998-1996				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1994-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1988 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1999-1995				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1999-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1997-1995				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1988				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1988				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
9300 (Continued)			
Detroit Diesel Series 60 Diesel			
1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1994-1992			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
9370			
Caterpillar 3406 Diesel			
1987			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1986			
	4049-75		
1985			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins L10 Diesel			
1987-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1987-1986 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1987-1985			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
9400			
Caterpillar 3176 Diesel			
1997-1990			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Caterpillar 3406 Diesel			
1999-1990			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
1999-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
1999-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
9400 (Continued)			
Cummins L10 Diesel			
1994-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1994-1990 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1998-1995			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
1999-1991			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1996-1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1996-1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 60 Diesel			
1999-1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1994-1992			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
9400i			
Caterpillar 3406 Diesel			
2003-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
2002-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2004-2000			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9400i (Continued)				
Caterpillar C15 Diesel				
2007-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Caterpillar C16 Diesel				
2003-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins N14 Diesel				
2003-2000				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2003-2002				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 60 Diesel				
2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
9600				
Caterpillar 3176 Diesel				
1996-1990				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Caterpillar 3208 Diesel				
1990				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1996-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1994-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1989 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1996-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9600 (Continued)				
Cummins N14 Diesel				
1996-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996-1995				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1995				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1994-1992				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
9700				
Caterpillar 3176 Diesel				
1995-1990				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Caterpillar 3208 Diesel				
1990				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1996-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1994-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1988 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1996-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1996-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9700 (Continued)				
Detroit Diesel 6-Cyl. 11.1 L Diesel 1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel 1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel 1994-1992				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
9800				
Cummins M11 Diesel 1999-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel 1999-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel 1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel 1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel 1999-1997				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
9900				
Caterpillar 3406 Diesel 1999				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C10 Diesel 1999				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C12 Diesel 1999				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9900 (Continued)				
Cummins N14 Diesel 1999				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel Series 60 Diesel 1999				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
9900i				
Caterpillar 3406 Diesel 2003-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C10 Diesel 2002-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C12 Diesel 2004-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C13 Diesel 2008-2004				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C15 Diesel 2008-2000				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Caterpillar C16 Diesel 2003-2000				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Cummins N14 Diesel 2003-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 12.7 L Diesel 2003-2002				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel 2000				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
9900ix				
Caterpillar 3406 Diesel				
2003-2000				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C10 Diesel				
2002-2000				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2003-2000				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2008-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Caterpillar C16 Diesel				
2002-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins N14 Diesel				
2003-2000				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2002				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel Series 60 Diesel				
2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
CargoStar Series				
Caterpillar 3208 Diesel				
1983-1980				
	4048-80 [1]			
	4048-90 [1]			
International/Navistar DT466 Diesel				
1986-1980 [w/Electronic Eng.]				
	4051-90			
1986-1980 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar MV404				
1981-1980				
	4011-60		3007-01	
	4011-80		3007-01	
	4011-95		3007-01	

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
CargoStar Series (Continued)				
International/Navistar MV446				
1981-1980				
	4011-60		3007-01	
	4011-80		3007-01	
	4011-95		3007-01	
International/Navistar V-8 6.9 L Diesel				
1986-1984				
	4033-80 [7]			
	4033-95 [7]			
International/Navistar V-8 9.0 L Diesel				
1986-1980				
	4011-60 [1]			
	4011-80 [1]			
	4011-95 [1]			
CO TranStar II Series				
Caterpillar 3406 Diesel				
1982				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1982-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1982-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1982				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
CO9670				
Caterpillar 3406 Diesel				
1988-1987				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1988-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1988-1986 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1988-1981				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1984-1982				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (7) Remove seal on thermostat flange. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
CO9670 (Continued)			
Detroit Diesel 8V-92 Diesel			
1986-1982			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
COF9670			
Caterpillar 3406 Diesel			
1988-1987			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1986-1985			
	4049-75		
1982			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins KTA Diesel			
1982			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Cummins L10 Diesel			
1988-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1988-1981			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1984-1982			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-92 Diesel			
1988-1982			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
CXT			
International/Navistar DT466 Diesel			
2008-2005 [w/Electronic Eng.]			
	4051-90		
2008-2005 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
F1924			
International/Navistar MV404			
1981-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
F1924 (Continued)			
International/Navistar MV446			
1981-1980			
	4011-60		3007-01
	4011-80		3007-01
	4011-95		3007-01
F1954			
Caterpillar 3208 Diesel			
1982-1980			
	4048-80 [1]		
	4048-90 [1]		
International/Navistar DT466 Diesel			
1989-1980 [w/Electronic Eng.]			
	4051-90		
1989-1980 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar V-8 9.0 L Diesel			
1982-1980			
	4011-60 [1]		
	4011-80 [1]		
	4011-95 [1]		
F2275			
Caterpillar 3406 Diesel			
1982-1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-71 Diesel			
1986-1980			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1988-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1984-1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
F2276			
Detroit Diesel 6-71 Diesel			
1985-1983			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1988-1983			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1985-1983			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
F2375				
Cummins L10 Diesel				
1989-1983 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1983 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
F2554				
Caterpillar 3208 Diesel				
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
International/Navistar DT466 Diesel				
1989-1980 [w/Electronic Eng.]				
	4051-90			
1989-1980 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
F2574				
Caterpillar 3406 Diesel				
1982-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1989-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1984-1982				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
F2575				
Cummins L10 Diesel				
1989-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
Medium/Heavy Trucks (Continued)				
F2575 (Continued)				
Detroit Diesel 6-71 Diesel				
1984-1981				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1987-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1984-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
F2654				
Caterpillar 3208 Diesel				
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
International/Navistar DT466 Diesel				
1989-1980 [w/Electronic Eng.]				
	4051-90			
1989-1980 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
F2674				
Cummins L10 Diesel				
1989-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1988-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1984-1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
F2675				
Cummins L10 Diesel				
1989-1987 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1987 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
F9370			
Caterpillar 3406 Diesel			
1987			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1986			
	4049-75		
1985			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1987-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1987-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1987-1985			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1987-1985			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
LoneStar			
Caterpillar C15 Diesel			
2009			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Metro II			
International/Navistar V-8 6.9 L Diesel			
1988-1987			
	4033-80 [7]		
	4033-95 [7]		
International/Navistar V-8 7.3 L Diesel			
1992-1988			
	4033-80 [7]		
	4033-95 [7]		
PayStar 5500i			
Caterpillar C13 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
PayStar 5600i			
Caterpillar C13 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
PayStar 5600i (Continued)			
Caterpillar C15 Diesel			
2008			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
PayStar 5900i			
Caterpillar C13 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
PayStar Series			
Caterpillar 3208 Diesel			
1982-1980			
	4048-80 [1]		
	4048-90 [1]		
Caterpillar 3306 Diesel			
1982-1980			
	4049-75		
Cummins L10 Diesel			
1989-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1989-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-71 Diesel			
1986-1980			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1988-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-71 Diesel			
1984-1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-92 Diesel			
1988-1984			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
1982-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (7) Remove seal on thermostat flange. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
PayStar Series (Continued)			
International/Navistar DT466 Diesel 1987-1980 [w/Electronic Eng.]	4051-90		
1987-1980 [w/Mechanical Eng.]	4046-60 4046-70 4046-80 4046-90		3021-02 3021-02 3021-02 3021-02
ProStar Series			
Caterpillar C13 Diesel 2008-2007	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel 2008	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
RXT			
International/Navistar VT365 Diesel 2006-2005	4038-92 [8]		
TranStar 8500			
Caterpillar C13 Diesel 2008	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
TranStar 8600			
Caterpillar C13 Diesel 2008	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
TranStar Series			
Caterpillar 3406 Diesel 1982-1980	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins KT Diesel 1982-1980	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6V-92 Diesel 1984-1980	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71 Diesel 1984-1980	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-92 Diesel 1984-1980	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
Medium/Heavy Trucks (Continued)			
WorkStar 7600			
Caterpillar C11 Diesel 2008	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2008	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
WorkStar 7700			
Caterpillar C11 Diesel 2008	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2008	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
School Buses			
1723			
International/Navistar MV404 1981-1980	4011-60 4011-80 4011-95		3007-01 3007-01 3007-01
International/Navistar V345 1985-1980	4007-60 4007-70 4007-80		
International/Navistar V392 1985-1980	4007-60 4007-70 4007-80		
1753			
International/Navistar V-8 6.9 L Diesel 1988-1983	4033-80 [8] 4033-95 [8]		
International/Navistar V-8 7.3 L Diesel 1989-1988	4033-80 [8] 4033-95 [8]		
1823			
International/Navistar MV404 1982-1980	4011-60 4011-80 4011-95		3007-01 3007-01 3007-01
International/Navistar MV446 1982-1980	4011-60 4011-80 4011-95		3007-01 3007-01 3007-01
International/Navistar V345 1983	4007-60 4007-70 4007-80		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
School Buses (Continued)			
1823 (Continued)			
International/Navistar V392			
1983			
	4007-60		
	4007-70		
	4007-80		
1853			
Caterpillar 3208 Diesel			
1982-1980			
	4048-80 [1]		
	4048-90 [1]		
International/Navistar DT466 Diesel			
1989-1980 [w/Electronic Eng.]			
	4051-90		
1989-1980 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar V-8 9.0 L Diesel			
1988-1980			
	4011-60 [1]		
	4011-80 [1]		
	4011-95 [1]		
1853FC			
International/Navistar DT466 Diesel			
1983-1982 [w/Electronic Eng.]			
	4051-90		
1983-1982 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar V-8 9.0 L Diesel			
1982			
	4011-60 [1]		
	4011-80 [1]		
	4011-95 [1]		
3000FE			
International/Navistar DT466 Diesel			
2002-1996 [w/Electronic Eng.]			
	4051-90		
2002-1996 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
2002-2000			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
1997-1996			
	4030-80		
	4030-92		
	4030-05		
3300			
International/Navistar DT466 Diesel			
2007-2004 [w/Electronic Eng.]			
	4051-90		
2007-2004 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
3400			
International/Navistar T444 Diesel			
2002-1996			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02

Application	Standard	High Flow	Gasket or Seal
International/Navistar (Continued)			
School Buses (Continued)			
3600			
International/Navistar DT466 Diesel			
1999-1991 [w/Electronic Eng.]			
	4051-90		
1999-1998 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
1996-1991 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
1999-1995			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
International/Navistar V-8 7.3 L Diesel			
1994-1991			
	4033-80 [8]		
	4033-95 [8]		
3700			
International/Navistar DT466 Diesel			
1995-1991 [w/Electronic Eng.]			
	4051-90		
1995-1991 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
1995			
	4030-80		
	4030-92		
	4030-05		
International/Navistar V-8 7.3 L Diesel			
1994-1990			
	4033-80 [8]		
	4033-95 [8]		
3800			
International/Navistar DT466 Diesel			
2004-1990 [w/Electronic Eng.]			
	4051-90		
2004-1990 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02
International/Navistar T444 Diesel			
2004-1995			
	4030-80		3014-02
	4030-92		3014-02
	4030-05		3014-02
International/Navistar V-8 7.3 L Diesel			
1994			
	4033-80 [8]		
	4033-95 [8]		
3900FC			
International/Navistar DT466 Diesel			
1995-1991 [w/Electronic Eng.]			
	4051-90		
1995-1991 [w/Mechanical Eng.]			
	4046-60		3021-02
	4046-70		3021-02
	4046-80		3021-02
	4046-90		3021-02

(1) 2 Required. (8) Seal included.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
International/Navistar (Continued)				
School Buses (Continued)				
CE				
International/Navistar DT466 Diesel				
2008-2003 [w/Electronic Eng.]				
	4051-90			
2008-2003 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar T444 Diesel				
2004-2003				
	4030-80		3014-02	
	4030-92		3014-02	
	4030-05		3014-02	
Conventional IC				
International/Navistar DT466 Diesel				
2003-2002 [w/Electronic Eng.]				
	4051-90			
2003-2002 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar T444 Diesel				
2003-2002				
	4030-80		3014-02	
	4030-92		3014-02	
	4030-05		3014-02	
FE				
International/Navistar DT466 Diesel				
2008-2002 [w/Electronic Eng.]				
	4051-90			
2008-2002 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
RE				
International/Navistar DT466 Diesel				
2007-1998 [w/Electronic Eng.]				
	4051-90			
2007-1998 [w/Mechanical Eng.]				
	4046-60		3021-02	
	4046-70		3021-02	
	4046-80		3021-02	
	4046-90		3021-02	
International/Navistar T444 Diesel				
2004-1996				
	4030-80		3014-02	
	4030-92		3014-02	
	4030-05		3014-02	
Transit Buses				
3200				
International/Navistar DT466 Diesel				
2004-2002 [w/Electronic Eng.]				
	4051-90			
Isuzu				
Medium/Heavy Trucks				
NPR				
GM V-8 5.7 L				
1998-1995				
	4050-80 [8]			
Isuzu 4BD1 Diesel				
1991-1990				
	4050-80 [8]			
1988				
	4050-80 [8]			
1987				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
Isuzu (Continued)				
Medium/Heavy Trucks (Continued)				
NPR (Continued)				
Isuzu 4BD1-T Diesel				
1989				
	4050-80 [8]			
Isuzu 4BD2 Diesel				
2000				
	4050-80 [8]			
Isuzu 4BD2-TC Diesel				
1999-1992				
	4050-80 [8]			
Isuzu 4HE1-TC Diesel				
2004				
Driver Side	4056-80 [8]			
2004				
Pass. Side	4057-85 [8]			
2003				
Driver Side	4056-80 [8]			
2003				
Pass. Side	4057-85 [8]			
2002				
Driver Side	4056-80 [8]			
2002				
Pass. Side	4057-85 [8]			
2001				
Driver Side	4056-80 [8]			
2001				
Pass. Side	4057-85 [8]			
2000				
Driver Side	4056-80 [8]			
2000				
Pass. Side	4057-85 [8]			
1999				
Driver Side	4056-80 [8]			
1999				
Pass. Side	4057-85 [8]			
1998				
	4050-80 [8]			
NQR				
Isuzu 4HE1-TC Diesel				
2004				
Driver Side	4056-80 [8]			
2004				
Pass. Side	4057-85 [8]			
2003				
Driver Side	4056-80 [8]			
2003				
Pass. Side	4057-85 [8]			
2002				
Driver Side	4056-80 [8]			
2002				
Pass. Side	4057-85 [8]			
2001				
Driver Side	4056-80 [8]			
2001				
Pass. Side	4057-85 [8]			
2000				
Driver Side	4056-80 [8]			
2000				
Pass. Side	4057-85 [8]			
1999				
Driver Side	4056-80 [8]			
1999				
Pass. Side	4057-85 [8]			
NRR				
Isuzu 6BG1 Diesel				
1994-1993				
	4050-80 [8]			

(8) Seal included

Application	Standard	High Flow	Gasket or Seal	
Jaeger				
Compressors				
105				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
125				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental G193				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
210				
Caterpillar D318 Diesel				
<All>				
	4045-70 4045-80 4045-90			
250				
Caterpillar D318 Diesel				
<All>				
	4045-70 4045-80 4045-90			
Continental B427				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
315				
Continental R602				
<All>				
	4005-60 4005-80			
365				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
60				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Jaeger (Continued)				
Compressors (Continued)				
600				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
75				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
75A				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
75B				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
85A				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
85B				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(8) Seal included.

Application	Standard	High Flow	Gasket or Seal	
Jaeger (Continued)				
Compressors (Continued)				
85B (Continued)				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere				
Crawler Loaders				
350 Crawler Loader				
John Deere 3-Cyl. 152				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere 3-Cyl. 152 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
350C Crawler Loader				
John Deere 3-Cyl. 152 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
450 Crawler Loader				
John Deere 4-Cyl. 180				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere 4-Cyl. 202 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
450B Crawler Loader				
John Deere 4-Cyl. 219 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
450C Crawler Loader				
John Deere 4-Cyl. 219 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		

Application	Standard	High Flow	Gasket or Seal	
John Deere (Continued)				
Loader Backhoes				
410				
John Deere 4-Cyl. 180				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere 4-Cyl. 219 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
500 Backhoe				
John Deere 4-Cyl. 241				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere 4-Cyl. 270 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
500A Backhoe				
John Deere 4-Cyl. 241				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
500B Backhoe				
John Deere 4-Cyl. 241				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
500C Backhoe				
John Deere 4-Cyl. 219 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere 4-Cyl. 270 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
John Deere 6-Cyl. 329 Diesel				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		

(8) Seal included.

Application	Standard	High Flow	Gasket or Seal	
John Deere (Continued)				
Loader Backhoes (Continued)				
510				
John Deere 4-Cyl. 241				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
John Deere 4-Cyl. 270 Diesel				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
600 Backhoe				
John Deere 6-Cyl. 341				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
John Deere 6-Cyl. 404 Diesel				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Scrapers				
860				
Detroit Diesel 6-71N Diesel				
<All>	4041-60 4041-70 4041-80		3019-02 3019-02 3019-02	
860A				
Detroit Diesel 6-71N Diesel				
<All>	4041-60 4041-70 4041-80		3019-02 3019-02 3019-02	
Tractors				
2940				
John Deere 6-Cyl. 359 Diesel				
1982-1980	4011-60 [1] 4011-80 [1] 4011-95 [1]			
2950				
John Deere 6-Cyl. 359 Diesel				
1987-1983	4011-60 [1] 4011-80 [1] 4011-95 [1]			
400 Industrial				
John Deere 4-Cyl. 219 Diesel				
1985-1980	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
4240				
John Deere 6-Cyl. 466 Diesel				
1982-1980	4011-60 [1] 4011-80 [1] 4011-95 [1]			

Application	Standard	High Flow	Gasket or Seal	
John Deere (Continued)				
Tractors (Continued)				
4440				
John Deere 6-Cyl. 466 Diesel				
1982-1980	4011-60 [1] 4011-80 [1] 4011-95 [1]			
750				
Yanmar 3-Cyl. 78 Diesel				
1989-1981	4011-60 [1] 4011-80 [1] 4011-95 [1]			
Joy				
Compressors				
RPS1050				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
RPS1200				
Caterpillar D343 Diesel				
<All>	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02	
RPS1300				
Caterpillar D343 Diesel				
<All>	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02	
RPS900DB30				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Kalamazoo				
Forklifts				
K45A				
Continental F4162				
<All>	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Kenworth				
Medium/Heavy Trucks				
13-210				
Cummins C Series 8.3 L Diesel				
1989-1988 [w/Dual Thermostats]	4058-80 [1]		3009-01 [1]	
1989-1988 [w/Single Thermostat]	4052-80 [8]			
22-210				
Cummins C Series 8.3 L Diesel				
1989 [w/Dual Thermostats]	4058-80 [1]		3009-01 [1]	
1989 [w/Single Thermostat]	4052-80 [8]			
Brute				
Detroit Diesel 6-71 Diesel				
1980	4041-60 4041-70 4041-80			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
C500				
Caterpillar 3176 Diesel				
1994-1992				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1992-1985				
	4049-75			
1984				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1983-1980				
	4049-75			
Caterpillar 3406 Diesel				
1991-1981				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C13 Diesel				
2008-2007				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2008-2007				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
2003-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Caterpillar C16 Diesel				
2000				
	4049-75 [1]			
Cummins L10 Diesel				
1994-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1998-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1994-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
C500 (Continued)				
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1994-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
C550				
Cummins M11 Diesel				
1998-1996				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
K100				
Caterpillar 3176 Diesel				
1992-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1991-1988				
	4049-75			
Caterpillar 3406 Diesel				
1994-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1985-1983				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1982-1980				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins 6-Cyl. 14.0 L Diesel				
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins C Series 8.3 L Diesel				
1993-1992 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1993-1992 [w/Single Thermostat]				
	4052-80 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
K100 (Continued)				
Cummins L10 Diesel				
1994-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1998-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1993-1992				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins V903 Diesel				
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 6-71 Diesel				
1986-1982				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
1993-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1987-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
K130				
Cummins C Series 8.3 L Diesel				
1993-1987 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
1993-1987 [w/Single Thermostat]				
	4052-80 [8]			
K150				
Cummins C Series 8.3 L Diesel				
1993-1990 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1993-1990 [w/Single Thermostat]				
	4052-80 [8]			
K220				
Cummins C Series 8.3 L Diesel				
1993-1988 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1993-1988 [w/Single Thermostat]				
	4052-80 [8]			
K300				
Cummins B Series 5.9 L Diesel				
1998-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60		3013-02	
	4015-70		3013-02	
	4015-80	5014-80	3013-02	
	4015-92	5014-95	3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2003-1999				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2000-1999 [w/Dual Thermostats]				
	4058-80 [1]			
2000-1999 [w/Single Thermostat]				
	4052-80 [8]			
L700				
Cummins L10 Diesel				
1986-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1986-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1986-1984				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1985-1984				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
1982				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
T2000				
Caterpillar 3406 Diesel				
2000-1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

(1) 2 Required. (4) Also requires 3003-01. (5) As required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Kenworth (Continued)			
Medium/Heavy Trucks (Continued)			
T2000 (Continued)			
Caterpillar C10 Diesel			
1999-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2008-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Caterpillar C16 Diesel			
2003-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Cummins M11 Diesel			
1998-1997			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2003-1997			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2000-1997			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2000-1997			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
T300			
Caterpillar 3126 Diesel			
2003-1996			
	4048-80 [1]		
	4048-90 [1]		
Caterpillar C7 Diesel			
2007-2004			
	4048-80 [1]		
	4048-90 [1]		
Cummins C Series 8.3 L Diesel			
1997-1995 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1997-1995 [w/Single Thermostat]			
	4052-80 [8]		

Application	Standard	High Flow	Gasket or Seal
Kenworth (Continued)			
Medium/Heavy Trucks (Continued)			
T300 (Continued)			
Cummins ISB Diesel			
2007-1999			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISC Diesel			
2008-1998 [w/Dual Thermostats]			
	4058-80 [1]		
2008-1998 [w/Single Thermostat]			
	4052-80 [8]		
T400			
Caterpillar 3176 Diesel			
1995-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1997-1989			
	4049-75		
Cummins L10 Diesel			
1997-1989 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1991 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1989 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1998-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
T450			
Caterpillar 3176 Diesel			
1995-1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1996-1990			
	4049-75		
Cummins L10 Diesel			
1995-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1995-1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1998-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel Series 50 Diesel			
1996-1995			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Kenworth (Continued)			
Medium/Heavy Trucks (Continued)			
T600			
Caterpillar 3176 Diesel			
1995-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1995-1987			
	4049-75		
Caterpillar 3406 Diesel			
1999-1986			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2008-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Cummins 6-Cyl. 14.0 L Diesel			
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins L10 Diesel			
1997-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1998-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2001-1992			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02

Application	Standard	High Flow	Gasket or Seal
Kenworth (Continued)			
Medium/Heavy Trucks (Continued)			
T600 (Continued)			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1999-1988			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1999-1987			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
T660			
Caterpillar C15 Diesel			
2008-2007			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
T800			
Caterpillar 3176 Diesel			
1995-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1995-1987			
	4049-75		
Caterpillar 3406 Diesel			
2000-1987			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C11 Diesel			
2008-2003			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2008-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
T800 (Continued)				
Caterpillar C16 Diesel				
2003-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins 6-Cyl. 14.0 L Diesel				
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins L10 Diesel				
1997-1987 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1987 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1998-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
2003-1992				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
2001-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2001-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 8V-92 Diesel				
1988-1987				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel Series 50 Diesel				
1997-1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
W900				
Caterpillar 3176 Diesel				
1995-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1997-1983				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
W900 (Continued)				
Caterpillar 3406 Diesel				
2001-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1985-1983				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1982-1980				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Caterpillar C10 Diesel				
2004-1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C11 Diesel				
2007-2005				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2006-1997				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C13 Diesel				
2008-2004				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2008-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Caterpillar C16 Diesel				
2003-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins 6-Cyl. 14.0 L Diesel				
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins ISC Diesel				
2004-2003 [w/Dual Thermostats]				
	4058-80 [1]			
2004-2003 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1992-1984 [w/Low Flow Cool.]				
	4053-75 [1]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Kenworth (Continued)				
Medium/Heavy Trucks (Continued)				
W900 (Continued)				
1992-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1998-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
2006-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
1993				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1992				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins V903 Diesel				
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 6-71 Diesel				
1985-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
2006-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
2000-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1980				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1988-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
Koehring				
Cranes				
304				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
305				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
405-2A				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
428				
Caterpillar 3208 Diesel				
<All>				
	4048-80 [1]			
	4048-90 [1]			
LRT1600				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
LRT180				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
LRT18U				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60			
	4006-80			
Excavators				
166				
Detroit Diesel 4-53T Diesel				
<All>				
	4006-60			
	4006-80			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Koehring (Continued)				
Excavators (Continued)				
666D				
Detroit Diesel 8V-71N Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Trenchers				
255A				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
600WD				
Detroit Diesel 4-71 Diesel <All>				
	4041-60 4041-70 4041-80			
Wheel Tractors				
MPH-1				
Detroit Diesel 8V-71 Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Landini				
Tractors				
5560				
Perkins 3-Cyl. 152 Diesel 1994-1988				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
5830				
Perkins 3-Cyl. 152 Diesel 1986-1985				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
5860				
Perkins 3-Cyl. 152 Diesel 1995-1991				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
6060				
Perkins 3-Cyl. 152 Diesel 1996-1988				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Advantage 55				
Perkins 3-Cyl. 152 Diesel 1998-1995				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Landini (Continued)				
Tractors (Continued)				
Advantage 60				
Perkins 3-Cyl. 152 Diesel 1997-1995				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Blizzard 50				
Perkins 3-Cyl. 152 Diesel 1996-1992				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Blizzard 60				
Perkins 3-Cyl. 152 Diesel 1996-1992				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
DT5500				
Perkins 3-Cyl. 152 Diesel 1988				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Trekker Compact 70				
Yanmar 4-Cyl. 203 Diesel 2003-2001				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Le Roi				
Compressors				
170RD2				
Detroit Diesel 3-53 Diesel <All>				
	4006-60 4006-80			
Le Tourneau				
Forestry Equipment				
F1204				
Detroit Diesel 12V-71 Diesel <All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
F602B				
Detroit Diesel 6V-71 Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
F802A				
Detroit Diesel 8V-71 Diesel <All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal	
Le Tourneau (Continued)				
Forestry Equipment (Continued)				
F804A				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Scrapers				
CR				
Detroit Diesel 6-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
Roadster D				
Detroit Diesel 4-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
Tournapull C				
Detroit Diesel 6-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
Wheel Tractors				
Tournatractor B				
Detroit Diesel 6-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
Leyland				
Tractors				
245				
Perkins 3-Cyl. 152 Diesel				
1984-1980	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Link-Belt				
Cranes				
HC108C				
Detroit Diesel 4-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
HC18				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
HC218				
Detroit Diesel 6-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			

Application	Standard	High Flow	Gasket or Seal	
Link-Belt (Continued)				
Cranes (Continued)				
HC218 (Continued)				
Detroit Diesel 8V-71 Diesel				
<All>	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
HC78B				
Detroit Diesel 6V-53N Diesel				
<All> [Early]	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
<All> [Late]	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
HSP8018				
Detroit Diesel 4-53 Diesel				
<All>	4006-60			
	4006-80			
HSP8040				
Detroit Diesel 6V-53 Diesel				
<All> [Early]	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
HT450				
Detroit Diesel 6-71N Diesel				
<All>	4041-60		3019-02	
	4041-70		3019-02	
	4041-80		3019-02	
LS108B				
Detroit Diesel 4-71 Diesel				
<All>	4041-60			
	4041-70			
	4041-80			
LS128DLC				
Detroit Diesel 6-71N Diesel				
<All>	4041-60		3019-02	
	4041-70		3019-02	
	4041-80		3019-02	
LS98				
Caterpillar D333 Diesel				
<All>	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
LS98H				
Caterpillar D333 Diesel				
<All>	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
YC38				
Detroit Diesel 4-53N Diesel				
<All>	4006-60			
	4006-80			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Link-Belt (Continued)				
Excavators				
LS4000				
Caterpillar D330 Diesel				
<All>				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
LS5800				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
LS7400				
Detroit Diesel 12V-71 Diesel				
<All>				
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]			
Little Giant				
Cranes				
C48				
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Lorain				
Cranes				
LC790				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
MC30H				
Detroit Diesel 4-71N Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-71N Diesel				
<All>				
	4041-60 4041-70 4041-80			
Mack				
Medium/Heavy Trucks				
CL Series				
Caterpillar 3406 Diesel				
2002-1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
CM Series				
Cummins C Series 8.3 L Diesel				
1992-1991 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1992-1991 [w/Single Thermostat]				
	4052-80 [8]			

Application	Standard	High Flow	Gasket or Seal	
Mack (Continued)				
Medium/Heavy Trucks (Continued)				
MC Series				
Caterpillar 3208 Diesel				
1985-1980				
	4048-80 [1] 4048-90 [1]			
MH Series				
Caterpillar 3406 Diesel				
1994				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
1990-1983				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins 6-Cyl. 14.0 L Diesel				
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins KT Diesel				
1985-1983				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Cummins L10 Diesel				
1989-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1986 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1989-1983				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-92 Diesel				
1989-1983				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
MR Series				
Caterpillar 3208 Diesel				
1985-1980				
	4048-80 [1] 4048-90 [1]			
Cummins L10 Diesel				
1985-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1985-1984 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
R Series				
Caterpillar 3208 Diesel				
1985-1980				
	4048-80 [1] 4048-90 [1]			

(1) 2 Required. (2)4 Required. (4) Also requires 3003-01. (5) As required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Mack (Continued)				
Medium/Heavy Trucks (Continued)				
R Series (Continued)				
Caterpillar 3406 Diesel				
1985-1983				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1982-1980				
	4048-80 [1]			
	4048-90 [1]			
Cummins 6-Cyl. 14.0 L Diesel				
1980				
	4016-60 [1]	5016-60 [1]		
	4016-74 [1]			
	4016-80 [1]	5016-80 [1]		
	4016-92 [1]	5016-92 [1]		
Detroit Diesel 6V-92 Diesel				
1989-1982				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1985-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Mack 6-Cyl. 11.0 L Diesel				
1980				
	4016-60 [1]	5016-60 [1]		
	4016-74 [1]			
	4016-80 [1]	5016-80 [1]		
	4016-92 [1]	5016-92 [1]		
RD Series				
Caterpillar 3208 Diesel				
1985-1984				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3406 Diesel				
1993-1992				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
1989-1984				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1989-1984				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
RL Series				
Detroit Diesel 6V-92 Diesel				
1987-1983				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
1981-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	

Application	Standard	High Flow	Gasket or Seal	
Mack (Continued)				
Medium/Heavy Trucks (Continued)				
RS Series				
Detroit Diesel 6V-92 Diesel				
1987-1983				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
1981-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
RW Series				
Caterpillar 3406 Diesel				
1993-1985				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins 6-Cyl. 14.0 L Diesel				
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins L10 Diesel				
1989-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1986 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1993-1992				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6V-92 Diesel				
1989-1986				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1989-1986				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
RWL Series				
Caterpillar 3406 Diesel				
1983-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins KT Diesel				
1984-1983				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Mack (Continued)			
Medium/Heavy Trucks (Continued)			
RWL Series (Continued)			
Detroit Diesel 8V-92 Diesel			
1984-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
RWS Series			
Caterpillar 3406 Diesel			
1984-1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins KT Diesel			
1984-1983			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 8V-92 Diesel			
1984-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
U Series			
Detroit Diesel 6V-92 Diesel			
1983			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1983			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WL Series			
Caterpillar 3406 Diesel			
1984-1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins KT Diesel			
1984-1983			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 6V-92 Diesel			
1984-1981			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1984-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02

Application	Standard	High Flow	Gasket or Seal
Mack (Continued)			
Medium/Heavy Trucks (Continued)			
WS Series			
Caterpillar 3208 Diesel			
1980			
	4048-80 [1]		
	4048-90 [1]		
Caterpillar 3406 Diesel			
1984-1980			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins KT Diesel			
1984-1983			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
1980			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Detroit Diesel 6V-92 Diesel			
1984-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1984-1980			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Marcopolo			
Transit Buses			
Viaggio 1000			
Detroit Diesel Series 60 Diesel			
1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Marmon			
Medium/Heavy Trucks			
57D			
Caterpillar 3306 Diesel			
1996-1995			
	4049-75		
Caterpillar C10 Diesel			
1997			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
57L			
Caterpillar 3306 Diesel			
1996-1993			
	4049-75		
1989-1986			
	4049-75		
Caterpillar 3406 Diesel			
1992-1986			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Marmon (Continued)			
Medium/Heavy Trucks (Continued)			
57L (Continued)			
Caterpillar C10 Diesel 1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins L10 Diesel 1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1990 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1988-1986 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Detroit Diesel Series 60 Diesel 1992-1991			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
57P			
Caterpillar 3306 Diesel 1996-1995			
	4049-75		
Caterpillar 3406 Diesel 1994-1986			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C10 Diesel 1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins 6-Cyl. 14.0 L Diesel 1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
57R			
Caterpillar 3406 Diesel 1996-1986			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C10 Diesel 1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 60 Diesel 1992-1991			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Marmon (Continued)			
Medium/Heavy Trucks (Continued)			
90D			
Caterpillar 3306 Diesel 1996-1995			
	4049-75		
Caterpillar C10 Diesel 1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
HDT			
Caterpillar 3306 Diesel 1986-1980			
	4049-75		
Massey Ferguson			
Combines			
750SP			
Chevrolet V-8 350 1984-1980			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
9895			
Caterpillar C13 Diesel 2007			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Forklifts			
MF202 Forklift			
Continental Z134 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
MF204 Forklift			
Continental Z134 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Tractors			
20C Industrial			
Perkins 3-Cyl. 152 1982-1980			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
250			
Perkins 3-Cyl. 152 Diesel 1986-1983			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Massey Ferguson (Continued)				
Tractors (Continued)				
354				
Perkins 3-Cyl. 152 Diesel 1999-1994				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Wheel Loaders				
MF66				
Detroit Diesel 6V-53N Diesel <All> [Early]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Wheel Tractors				
MF202				
Continental Z134 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
MF204				
Continental Z134 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
MF205				
Perkins 3-Cyl. 152 Diesel <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Windrowers				
36SP				
Chevrolet 6-Cyl. 292 1982-1980				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Mazda				
Light Trucks				
B2300				
L4 - 2.3L 2002				
	4018-92			3010-02
B2500				
L4 - 2.5L 2001-2000				
	4023-92 [8]			
B3000				
V6 - 3.0L 2007-2004				
	4017-92	5001-95	3004-01	
2003				
	4001-95	5001-95	3004-01	
2003				
	4017-92	5001-95	3004-01	

Application	Standard	High Flow	Gasket or Seal	
Mazda (Continued)				
Light Trucks (Continued)				
2002				
	4001-95	5001-95	3004-01	
2002				
	4017-92	5001-95	3004-01	
2001				
	4001-95	5001-95	3004-01	
2001-2000				
	4017-92	5001-95	3004-01	
B4000				
V6 - 4.0L 2006-2001				
	4018-92			3010-02
2000				
	4027-98 [8]			
MCI				
Transit Buses				
102-A3				
Detroit Diesel 6V-92 Diesel 1986-1985				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
102-D3				
Detroit Diesel Series 60 Diesel 1994				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
102-DL3				
Detroit Diesel Series 60 Diesel 2001-1998				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
1996-1995				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
102-EL3				
Detroit Diesel Series 60 Diesel 2000-1998				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
96-A3				
Detroit Diesel 8V-71 Diesel 1987				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
D4000				
Detroit Diesel 6-Cyl. 12.7 L Diesel 2004				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
MCI (Continued)			
Transit Buses (Continued)			
D4500			
Detroit Diesel 6-Cyl. 12.7 L Diesel 2007-2006			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
G4500			
Detroit Diesel 6-Cyl. 12.7 L Diesel 2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
J4500			
Detroit Diesel 6-Cyl. 12.7 L Diesel 2006-2002			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Mercedes-Benz			
Medium/Heavy Trucks			
1013			
Mercedes-Benz OM352 Diesel 1988			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1983-1980			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1113			
Mercedes-Benz OM352 Diesel 1988-1980			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1116			
Mercedes-Benz OM352 Diesel 1988			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1984-1980			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1117			
Mercedes-Benz OM352 Diesel 1989-1984			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02

Application	Standard	High Flow	Gasket or Seal
Mercedes-Benz (Continued)			
Medium/Heavy Trucks (Continued)			
1316			
Mercedes-Benz OM352 Diesel 1988			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1984-1980			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1317			
Mercedes-Benz OM352 Diesel 1986-1984			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
1368			
Mercedes-Benz OM352 Diesel 1988			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
948			
Mercedes-Benz OM352 Diesel 1988			
	4018-60 4018-70 4018-80 4018-92		3010-02 3010-02 3010-02 3010-02
M-R-S			
Scrapers			
I105S			
Detroit Diesel 12V-71 Diesel <All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
I110S			
Detroit Diesel 12V-71 Diesel <All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
Multihoe			
Loader Backhoes			
MDA			
Detroit Diesel 3-53 Diesel <All>			
	4006-60 4006-80		
NABI			
Transit Buses			
40			
Detroit Diesel Series 50 Diesel 1999-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 60 Diesel 2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
NABI (Continued)			
Transit Buses (Continued)			
40-LFW			
Detroit Diesel Series 50 Diesel			
2004-2000	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
416			
Detroit Diesel Series 50 Diesel			
1997	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
436			
Detroit Diesel Series 50 Diesel			
1998	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
National Coach			
Transit Buses			
Transmark			
Detroit Diesel V-8 8.2 L Diesel			
1991-1986	4020-80		
Neoplan			
Transit Buses			
Advanced Design			
Caterpillar C9 Diesel			
2005-2004	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins L10 Diesel			
1999-1997 [w/Low Flow Cool.]	4053-75 [1]		
1999-1997 [w/o Low Flow Cool.]	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2005-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel V-8 8.2 L Diesel			
2001-1999	4020-80		
AN460			
Detroit Diesel Series 50 Diesel			
2003-2002	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
BUS			
Detroit Diesel 6V-92 Diesel			
2001-1984	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02

Application	Standard	High Flow	Gasket or Seal
Neoplan (Continued)			
Transit Buses (Continued)			
BUS (Continued)			
Detroit Diesel Series 50 Diesel			
2001-1990	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1988-1984	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Citiliner			
Detroit Diesel Series 60 Diesel			
1995	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Metroliner 40 Ft.			
Detroit Diesel Series 50 Diesel			
1999-1998	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Transliner 40 Ft.			
Detroit Diesel Series 50 Diesel			
1999-1998	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
New Flyer			
Transit Buses			
C35LF			
Detroit Diesel Series 50 Diesel			
1999-1996	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
D40			
Cummins L10 Diesel			
1989	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6V-92 Diesel			
1991	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel Series 50 Diesel			
1999-1998	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1995-1994	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1992	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
New Flyer (Continued)			
Transit Buses (Continued)			
D40LF			
Detroit Diesel Series 50 Diesel			
1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
D60			
Detroit Diesel Series 50 Diesel			
1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Transliner 40 Ft.			
Detroit Diesel Series 50 Diesel			
1999-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
New Holland			
Combines			
TR70			
Caterpillar 3208 Diesel			
1980			
	4048-80 [1] 4048-90 [1]		
TR75			
Caterpillar 3208 Diesel			
1985-1980			
	4048-80 [1] 4048-90 [1]		
TR85			
Caterpillar 3208 Diesel			
1985-1980			
	4048-80 [1] 4048-90 [1]		
TR86			
Caterpillar 3208 Diesel			
1993-1985			
	4048-80 [1] 4048-90 [1]		
TR95			
Caterpillar 3208 Diesel			
1985-1980			
	4048-80 [1] 4048-90 [1]		
TR96			
Caterpillar 3208 Diesel			
1993-1985			
	4048-80 [1] 4048-90 [1]		
Harvesters			
1900			
Caterpillar 3406 Diesel			
1989-1982			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1915			
Caterpillar 3306 Diesel			
1994-1987			
	4049-75		

Application	Standard	High Flow	Gasket or Seal
New Holland (Continued)			
Harvesters (Continued)			
2100			
Caterpillar 3406 Diesel			
1989-1980			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
2115			
Caterpillar 3406 Diesel			
1994-1987			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Nissan			
Light Trucks			
Titan			
V8 - 5.6L			
2008-2004			
	4059-80		3015-02
Orion			
Transit Buses			
Orion			
Detroit Diesel 6V-92 Diesel			
2001-1983			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]	3019-02 3019-02 3019-02 3019-02	
Orion II			
Detroit Diesel V-8 8.2 L Diesel			
1993-1986			
	4020-80		
Orion V			
Detroit Diesel Series 50 Diesel			
2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1998-1995			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
1992			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Orion VI			
Detroit Diesel Series 50 Diesel			
2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Oshkosh			
Medium/Heavy Trucks			
H Series			
Caterpillar C11 Diesel			
2008			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Oshkosh (Continued)			
Medium/Heavy Trucks (Continued)			
H Series (Continued)			
Detroit Diesel Series 60 Diesel			
1999			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
HT Series			
Caterpillar C13 Diesel			
2008			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
MPT Series			
Cummins ISC Diesel			
2008 [w/Dual Thermostats]			
	4058-80 [1]		
2008 [w/Single Thermostat]			
	4052-80 [8]		
P Series			
Caterpillar C13 Diesel			
2008			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Detroit Diesel Series 60 Diesel			
1989-1987			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Ottawa			
Yard Tractors			
Commando 60T			
Caterpillar 1160 Diesel			
<All> [Ser. No. 95B1 & After]			
	4048-80 [1] 4048-90 [1]		
YT50			
Caterpillar 3208 Diesel			
<All>			
	4048-80 [1] 4048-90 [1]		
P & H			
Cranes			
1055			
Caterpillar D343 Diesel			
<All>			
	4044-70 [1] 4044-80 [1] 4044-90 [1]		3021-02 3021-02 3021-02
20-20			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
655A			
Caterpillar D13000 Diesel			
<All>			
	4042-70 [1] 4042-80 [1]		
655B			
Caterpillar D13000 Diesel			
<All>			
	4042-70 [1] 4042-80 [1]		

Application	Standard	High Flow	Gasket or Seal	
P & H (Continued)				
Excavators				
H312				
Detroit Diesel 4-53N Diesel				
<All>				
	4006-60 4006-80			
K935				
Detroit Diesel 6-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Parsons				
Loader Backhoes				
UH119				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Trenchers				
255L				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Peterbilt				
Medium/Heavy Trucks				
13-210				
Cummins C Series 8.3 L Diesel				
1989-1988 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1989-1988 [w/Single Thermostat]				
	4052-80 [8]			
200				
Cummins B Series 5.9 L Diesel				
1997-1994				
	4024-80		3017-02 [6]	3018-02 [9]
1993				
	4015-60 4015-70 4015-80 4015-92	 5014-80 5014-95	3013-02 3013-02 3013-02 3013-02	
Cummins C Series 8.3 L Diesel				
1997-1993 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1997-1993 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2000-1998				
	4034-80 [8] 4034-90 [8]			
Cummins ISC Diesel				
2000-1998 [w/Dual Thermostats]				
	4058-80 [1]			
2000-1998 [w/Single Thermostat]				
	4052-80 [8]			
22-210				
Cummins C Series 8.3 L Diesel				
1989 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1989 [w/Single Thermostat]				
	4052-80 [8]			
224				
Cummins C Series 8.3 L Diesel				
1992-1987 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1992-1987 [w/Single Thermostat]				
	4052-80 [8]			
227				
Cummins C Series 8.3 L Diesel				
1992-1990 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	

(1) 2 Required. (6) Lower. (8) Seal included. (9) Upper. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
1992-1990 [w/Single Thermostat]				
	4052-80 [8]			
265				
Cummins C Series 8.3 L Diesel				
1992-1988 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1992-1988 [w/Single Thermostat]				
	4052-80 [8]			
270				
Cummins ISB Diesel				
2003-2001				
	4034-80 [8]			
	4034-90 [8]			
282				
Caterpillar 3406 Diesel				
1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
289				
Caterpillar 3406 Diesel				
1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
310				
Caterpillar 3208 Diesel				
1985-1984				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3306 Diesel				
1987-1982				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
310 (Continued)				
Cummins L10 Diesel				
1987-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1987-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6-71 Diesel				
1986-1980				
	4041-60			
	4041-70			
	4041-80			
Detroit Diesel 6V-92 Diesel				
1985-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
320				
Caterpillar 3126 Diesel				
2003-1997				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3176 Diesel				
1995-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
2000-1987				
	4049-75			
Caterpillar C10 Diesel				
2006-2000				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C7 Diesel				
2007-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins C Series 8.3 L Diesel				
1996-1990 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1990 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISC Diesel				
2007-1997 [w/Dual Thermostats]				
	4058-80 [1]			
2007-1997 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1996-1987 [w/Low Flow Cool.]				
	4053-75 [1]			
1996-1987 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
330				
Caterpillar 3116 Diesel				
1998-1995				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
2003-1995				
	4048-80 [1]			
	4048-90 [1]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
330 (Continued)				
Caterpillar 3406 Diesel				
2000-1999				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C7 Diesel				
2007				
	4048-80 [1]			
	4048-90 [1]			
2005-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins C Series 8.3 L Diesel				
1996-1995 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996-1995 [w/Single Thermostat]				
	4052-80 [8]			
Cummins ISB Diesel				
2000				
	4034-80 [8]			
	4034-90 [8]			
Cummins ISC Diesel				
2007 [w/Dual Thermostats]				
	4058-80 [1]			
2005-1997 [w/Dual Thermostats]				
	4058-80 [1]			
2007 [w/Single Thermostat]				
	4052-80 [8]			
2005-1997 [w/Single Thermostat]				
	4052-80 [8]			
335				
Caterpillar C7 Diesel				
2007-2005				
	4048-80 [1]			
	4048-90 [1]			
Cummins ISC Diesel				
2008-2005 [w/Dual Thermostats]				
	4058-80 [1]			
2008-2005 [w/Single Thermostat]				
	4052-80 [8]			
340				
Caterpillar C7 Diesel				
2007				
	4048-80 [1]			
	4048-90 [1]			
Cummins ISC Diesel				
2008-2007 [w/Dual Thermostats]				
	4058-80 [1]			
2008-2007 [w/Single Thermostat]				
	4052-80 [8]			
348				
Caterpillar 3306 Diesel				
1985-1980				
	4049-75			
Detroit Diesel 6V-92 Diesel				
1985-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
349				
Caterpillar 3306 Diesel				
1987-1984				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
349 (Continued)				
Caterpillar 3406 Diesel				
1987-1986				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1987-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1987-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1986-1984				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
352				
Caterpillar 3406 Diesel				
1981-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1981-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1981-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-92 Diesel				
1981-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
353				
Caterpillar 3306 Diesel				
1985-1980				
	4049-75			
Caterpillar 3406 Diesel				
1985-1981				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1985-1982				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1983-1981				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
353 (Continued)			
Detroit Diesel 8V-92 Diesel			
1985-1981			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
357			
Caterpillar 3126 Diesel			
2002-1997			
	4048-80 [1]		
	4048-90 [1]		
Caterpillar 3176 Diesel			
1996-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1996-1987			
	4049-75		
Caterpillar 3406 Diesel			
1999-1987			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1996 [w/Low Flow Cool.]			
	4053-75 [1]		
1996 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C11 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2007-2004			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
2002-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
357 (Continued)			
Caterpillar C16 Diesel			
2002			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Caterpillar C9 Diesel			
2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins C Series 8.3 L Diesel			
1996-1991 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1988 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1996-1991 [w/Single Thermostat]			
	4052-80 [8]		
1988 [w/Single Thermostat]			
	4052-80 [8]		
Cummins ISC Diesel			
2007-1997 [w/Dual Thermostats]			
	4058-80 [1]		
2007-1997 [w/Single Thermostat]			
	4052-80 [8]		
Cummins L10 Diesel			
1997-1987 [w/Low Flow Cool.]			
	4053-75 [1]		
1997 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1995-1987 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1997-1992			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1999-1992			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
357 (Continued)				
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1999-1989				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
359				
Caterpillar 3306 Diesel				
1987-1982				
	4049-75			
Caterpillar 3406 Diesel				
1987-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1985-1980				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1987-1984 [w/Low Flow Cool.]				
	4053-75 [1]			
1987-1984 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Detroit Diesel 6V-92 Diesel				
1985-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1983-1982				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	
Detroit Diesel 8V-92 Diesel				
1986-1980				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
362				
Caterpillar 3176 Diesel				
1996-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1983-1982				
	4049-75			
Caterpillar 3406 Diesel				
1999-1981				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3408 Diesel				
1985-1982				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
362 (Continued)				
Caterpillar C10 Diesel				
2001-1996				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C12 Diesel				
2004-1996				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar C15 Diesel				
2003-2000				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Cummins 6-Cyl. 14.0 L Diesel				
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins L10 Diesel				
1995-1985 [w/Low Flow Cool.]				
	4053-75 [1]			
1995-1985 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1996-1992				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
1993-1989				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1988				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1985-1982				
	4047-60 [14]		3019-02	
	4047-70 [14]		3019-02	
	4047-80 [14]		3019-02	
	4047-90 [14]		3019-02	
Detroit Diesel 8V-71 Diesel				
1983-1982				
	4047-60 [11]		3019-02	
	4047-70 [11]		3019-02	
	4047-80 [11]		3019-02	
	4047-90 [11]		3019-02	

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
362 (Continued)			
Detroit Diesel 8V-92 Diesel			
1988-1981			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
365			
Caterpillar C13 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C9 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
367			
Caterpillar C13 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
372			
Caterpillar 3176 Diesel			
1994-1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3406 Diesel			
1994-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins N14 Diesel			
1994-1992			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1993-1989			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
372 (Continued)			
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1993-1989			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
375			
Caterpillar 3176 Diesel			
1996-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1996-1987			
	4049-75		
Caterpillar 3406 Diesel			
1988-1987			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins C Series 8.3 L Diesel			
1996-1992 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1988 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1996-1992 [w/Single Thermostat]			
	4052-80 [8]		
1988 [w/Single Thermostat]			
	4052-80 [8]		
Cummins L10 Diesel			
1996-1987 [w/Low Flow Cool.]			
	4053-75 [1]		
1996-1987 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 8V-92 Diesel			
1987			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
376			
Caterpillar 3406 Diesel			
1992-1991			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins C Series 8.3 L Diesel			
1993-1988 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1993-1988 [w/Single Thermostat]			
	4052-80 [8]		
377			
Caterpillar 3176 Diesel			
1996-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
377 (Continued)			
Caterpillar 3306 Diesel			
1991-1988			
	4049-75		
Caterpillar 3406 Diesel			
1999-1987			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
2001-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
1998-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
Cummins L10 Diesel			
1997-1987 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1987 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
1999-1992			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2000-1992			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2000-1988			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 8V-92 Diesel			
1987			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
378			
Caterpillar 3176 Diesel			
1996-1989			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar 3306 Diesel			
1996-1988			
	4049-75		
Caterpillar 3406 Diesel			
1999-1988			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
2004-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel			
2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2004-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2007-2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2001-2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins 6-Cyl. 14.0 L Diesel			
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins L10 Diesel			
1997-1988 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1988 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
378 (Continued)			
Cummins M11 Diesel			
1997-1995			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2003-1992			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1999-1992			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1999-1988			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
379			
Caterpillar 3176 Diesel			
1996-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1998-1987			
	4049-75		
Caterpillar 3406 Diesel			
2000-1987			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C11 Diesel			
2007-2005			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-1997			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2007-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2007-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Peterbilt (Continued)			
Medium/Heavy Trucks (Continued)			
379 (Continued)			
Caterpillar C16 Diesel			
2003-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Cummins 6-Cyl. 14.0 L Diesel			
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins L10 Diesel			
1997-1987 [w/Low Flow Cool.]			
	4053-75 [1]		
1997-1987 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2003-1992			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2001-1992			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2001-1988			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 8V-92 Diesel			
1987			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
384			
Caterpillar C13 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C9 Diesel			
2008			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
385				
Caterpillar 3176 Diesel				
1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C10 Diesel				
2004-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C11 Diesel				
2007-2005				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C12 Diesel				
2004-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C13 Diesel				
2007-2005				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins C Series 8.3 L Diesel				
1996 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1996 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1996 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1996 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel				
1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel				
2003-2002				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
386				
Caterpillar C13 Diesel				
2008-2006				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C15 Diesel				
2008-2006				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
Peterbilt (Continued)				
Medium/Heavy Trucks (Continued)				
387				
Caterpillar 3406 Diesel				
1986-1984				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C10 Diesel				
2002-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C11 Diesel				
2006				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C12 Diesel				
2005-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C13 Diesel				
2008-2004				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C15 Diesel				
2008-2001				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Caterpillar C16 Diesel				
2003-2001				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 8V-92 Diesel				
1986-1984				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
388				
Caterpillar C13 Diesel				
2008				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C15 Diesel				
2008-2007				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
389				
Caterpillar C15 Diesel				
2008				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
Pettibone				
Compactors				
C200				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Cranes				
29				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
36				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1] 4006-80 [1]		3019-02 3019-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
40				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 [1] 4006-80 [1]		3019-02 3019-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Forklifts				
20GS4				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
25GS4				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
300G				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
300GT				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
300GT (Continued)				
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
300P				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
30GA				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
30GS				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
30GS4				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
400G				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
400GT				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
400GT (Continued)				
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
400P				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
40GA				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
40GS				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
500G				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
500GT				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
500P				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
50GA				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
50GS				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
600GTC				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
700GTC				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Aug-33				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
Cary-All Super 8				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Cary-Lift 204D				
Detroit Diesel 6V-53 Diesel				
<All> [Early]				
	4006-60 (1) 4006-80 (1)		3019-02 3019-02	
<All> [Late]				
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02	
Cary-Lift 8				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Cary-Lift Super 10				
Continental M363				
<All>				
	4005-60 4005-80			
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Cary-Lift Super 15				
Continental M363				
<All>				
	4005-60 4005-80			
Detroit Diesel 3-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Cary-Lift Super 20				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Cary-Lift Super 30				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
Cary-Lift Super 7				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Cary-Lift Super 70				
Cummins V-8 350				
<All>				
	4044-70 (1) 4044-80 (1) 4044-90 (1)		3021-02 3021-02 3021-02	
Cummins V-8 430				
<All>				
	4044-70 (1) 4044-80 (1) 4044-90 (1)		3021-02 3021-02 3021-02	
Cary-Lift Super 8				
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GA30H				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GA40				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GA40H				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GA50				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(1) 2 Required.

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
GA60				
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GA70				
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GA80				
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GS30				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GS30H				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GS40				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GS4-20				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GS4-25				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Pettibone (Continued)				
Forklifts (Continued)				
GS50				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GS60				
Continental F6226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Mixers				
SM710				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Poclain				
Excavators				
HC				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
HC300				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Prevost				
Transit Buses				
H3-45				
Detroit Diesel Series 60 Diesel				
2004-2003				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
2000-1999				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
1997				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
LeMirage XL				
Detroit Diesel Series 60 Diesel				
2000				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Pumpmaster				
Mining Equipment				
4000				
Detroit Diesel 2-53 Diesel				
<All>				
	4006-60 4006-80			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Raygo				
Compactors				
2-66 Ranger				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Rascal 400A				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Rascal 420B				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Rascal 600A				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
Rustler 404B				
Detroit Diesel 3-53 Diesel				
<All>				
	4006-60 4006-80			
Rex				
Compactors				
HM250				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Pactor				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Setra				
Transit Buses				
S215				
Detroit Diesel Series 60 Diesel				
2002				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
1994-1992				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
S417				
Detroit Diesel Series 60 Diesel				
2004-2003				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Steiger				
Tractors				
Bearcat III PT225				
Caterpillar 3306 Diesel				
1983-1980				
	4049-75			

Application	Standard	High Flow	Gasket or Seal	
Steiger (Continued)				
Tractors (Continued)				
Bearcat III ST225				
Caterpillar 3306 Diesel				
1983-1980				
	4049-75			
Bearcat IV CM225				
Caterpillar 3306 Diesel				
1985-1983				
	4049-75			
Cougar III PT270				
Caterpillar 3306 Diesel				
1981-1980				
	4049-75			
Cougar III PTA270				
Caterpillar 3306 Diesel				
1981-1980				
	4049-75			
Cougar III ST250				
Caterpillar 3306 Diesel				
1983-1980				
	4049-75			
Cougar III ST270				
Caterpillar 3306 Diesel				
1981-1980				
	4049-75			
Cougar IV CM250				
Caterpillar 3306 Diesel				
1985-1983				
	4049-75			
Cougar IV CM280				
Caterpillar 3406 Diesel				
1985-1983				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cougar IV CS280				
Caterpillar 3406 Diesel				
1985-1983				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Lion 1000				
Caterpillar 3406 Diesel				
1989-1986				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Tiger III ST450				
Caterpillar 3408 Diesel				
1983-1980				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Sterling				
Medium/Heavy Trucks				
Acterra				
Caterpillar 3126 Diesel				
2004-2001				
	4048-80 [1] 4048-90 [1]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Sterling (Continued)			
Medium/Heavy Trucks (Continued)			
Acterra (Continued)			
Caterpillar C13 Diesel			
2006			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C7 Diesel			
2008-2004			
	4048-80 [1]		
	4048-90 [1]		
Caterpillar C9 Diesel			
2006			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins ISB Diesel			
2003 [w/24-Valve Eng.]			
	4034-80 [8]		
	4034-90 [8]		
2002-2001			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISB-07 Diesel			
2008			
	4034-80 [8]		
	4034-90 [8]		
Cummins ISC Diesel			
2008-2001 [w/Dual Thermostats]			
	4058-80 [1]		
2008-2001 [w/Single Thermostat]			
	4052-80 [8]		
Cummins N14 Diesel			
2001			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel Series 55 Diesel			
2001			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
A-Line			
Caterpillar 3306 Diesel			
1998			
	4049-75		
Caterpillar 3406 Diesel			
2001-1998			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C10 Diesel			
2004-1998			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Sterling (Continued)			
Medium/Heavy Trucks (Continued)			
A-Line (Continued)			
Caterpillar C11 Diesel			
2007-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C12 Diesel			
2004-1998			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C13 Diesel			
2008-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar C15 Diesel			
2008-2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Caterpillar C16 Diesel			
2000			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Caterpillar C9 Diesel			
2007-2004			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1998			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
2003-1998			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2002-1998			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2007-1998			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel			
2007-2003			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Sterling (Continued)			
Medium/Heavy Trucks (Continued)			
Bullet			
Cummins ISB-07 Diesel 2008			
	4034-80 [8] 4034-90 [8]		
Condor			
Caterpillar 3126 Diesel 2003-2002			
	4048-80 [1] 4048-90 [1]		
Caterpillar C10 Diesel 2003-2002			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C11 Diesel 2005-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 2003-2002			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2006-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C7 Diesel 2006-2004			
	4048-80 [1] 4048-90 [1]		
Caterpillar C9 Diesel 2006-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins ISC Diesel 2003-2002 [w/Dual Thermostats]			
	4058-80 [1]		
2003-2002 [w/Single Thermostat]			
	4052-80 [8]		
L-Line			
Caterpillar 3126 Diesel 2004-1998			
	4048-80 [1] 4048-90 [1]		
Caterpillar 3306 Diesel 2000-1998			
	4049-75		
Caterpillar 3406 Diesel 2001-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel 2004-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Sterling (Continued)			
Medium/Heavy Trucks (Continued)			
L-Line (Continued)			
Caterpillar C11 Diesel 2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel 2004-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel 2008-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel 2008-2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel 2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C7 Diesel 2007-2004			
	4048-80 [1] 4048-90 [1]		
Caterpillar C9 Diesel 2007-2004			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins ISB Diesel 2003 [w/24-Valve Eng.]			
	4034-80 [8] 4034-90 [8]		
2002-1998			
	4034-80 [8] 4034-90 [8]		
Cummins ISC Diesel 2001-1998 [w/Dual Thermostats]			
	4058-80 [1]		
2001-1998 [w/Single Thermostat]			
	4052-80 [8]		
Cummins M11 Diesel 1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel 2003-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel 2002-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Sterling (Continued)			
Medium/Heavy Trucks (Continued)			
L-Line (Continued)			
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2007-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 14.0 L Diesel			
2007-2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 55 Diesel			
2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
SC7000			
Cummins ISB Diesel			
2003-1999			
	4034-80 [8] 4034-90 [8]		
Cummins ISC Diesel			
2002 [w/Dual Thermostats]			
	4058-80 [1]		
2002 [w/Single Thermostat]			
	4052-80 [8]		
SC8000			
Cummins ISB Diesel			
2008-1998			
	4034-80 [8] 4034-90 [8]		
Cummins ISB-07 Diesel			
2008			
	4034-80 [8] 4034-90 [8]		
Cummins ISC Diesel			
2002 [w/Dual Thermostats]			
	4058-80 [1]		
2002 [w/Single Thermostat]			
	4052-80 [8]		
Silver Star			
Caterpillar 3406 Diesel			
2000-1999			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2003-2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2003-2000			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Cummins N14 Diesel			
2003-1999			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02

Application	Standard	High Flow	Gasket or Seal
Sullair			
Compressors			
900			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
Drills			
RC8			
Caterpillar 3304 Diesel			
<All>			
	4049-75		
Tampo			
Compactors			
RP16D			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
RS16A			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
RS28			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
Taylor			
Forklifts			
Y20WO			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
TCI			
Forklifts			
D4P60			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60 4006-80		
Teco-Crab			
Aerial Lifts			
8000-42			
Detroit Diesel 3-53 Diesel			
<All>			
	4006-60 4006-80		
Terex			
Crawler Tractors			
82-30			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
82-40			
Detroit Diesel 8V-71N Diesel			
<All>			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal
Terex (Continued)			
Off-Road Haulers			
3305			
Detroit Diesel 8V-71 Diesel			
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
3307			
Detroit Diesel 12V-71 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
3309			
Detroit Diesel 16V-71 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
3315			
Detroit Diesel 16V-149 Diesel			
<All>	4047-60 [13] 4047-70 [13] 4047-80 [13] 4047-90 [13]		3019-02 3019-02 3019-02 3019-02
35			
Detroit Diesel 16V-71 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
35E			
Detroit Diesel 12V-71 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
Scrapers			
S11E			
Detroit Diesel 4-71N Diesel			
<All>	4041-60 4041-70 4041-80		
S12			
Detroit Diesel 3-53 Diesel			
<All>	4006-60 4006-80		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
S28			
Detroit Diesel 12V-71N Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		

Application	Standard	High Flow	Gasket or Seal
Terex (Continued)			
Scrapers (Continued)			
S7			
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
SS40 (49LDT)			
Detroit Diesel 12V-71N Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
TS14			
Detroit Diesel 4-71 Twin Diesel			
<All>	4041-60 [1] 4041-70 [1] 4041-80 [1]		
TS14B			
Detroit Diesel 4-53 Diesel			
<All>	4006-60 4006-80		
TS18			
Detroit Diesel 6V-71N Diesel			
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71N Diesel			
<All>	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
TS24			
Detroit Diesel 12V-71 Diesel			
<All>	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
Detroit Diesel 6-71 Diesel			
<All>	4041-60 4041-70 4041-80		
Wheel Loaders			
72-20			
Detroit Diesel 4-71 Diesel			
<All>	4041-60 4041-70 4041-80		
72-21			
Detroit Diesel 3-71N Diesel			
<All>	4041-60 4041-70 4041-80		
72-31			
Detroit Diesel 4-71N Diesel			
<All>	4041-60 4041-70 4041-80		

(1) 2 Required. (2) 4 Required. (3) 6 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8. (13) Refer to 3 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Terex (Continued)				
Wheel Loaders (Continued)				
72-40				
Detroit Diesel 6V-53N Diesel				
<All> [Early]				
	4006-60 [1]		3019-02	
	4006-80 [1]		3019-02	
<All> [Late]				
	4044-70		3021-02	
	4044-80		3021-02	
	4044-90		3021-02	
72-41				
Detroit Diesel 4-71N Diesel				
<All>				
	4041-60			
	4041-70			
	4041-80			
72-51				
Detroit Diesel 6-71N Diesel				
<All>				
	4041-60		3019-02	
	4041-70		3019-02	
	4041-80		3019-02	
Thew Shovel				
Cranes				
50J				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
50K				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
820KS				
Waukesha WAKD				
<All>				
	4043-70 [11]			
	4043-80 [11]			
820MC				
Waukesha WAKD				
<All>				
	4043-70 [11]			
	4043-80 [11]			
L501				
Caterpillar D318 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
TL254W				
Caterpillar D315 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
Detroit Diesel 2-71 Diesel				
<All>				
	4006-60			
	4006-80			
TL25K				
Caterpillar D315 Diesel				
<All>				
	4045-70			
	4045-80			
	4045-90			
Detroit Diesel 2-71 Diesel				
<All>				
	4006-60			
	4006-80			

Application	Standard	High Flow	Gasket or Seal	
Thomas Built				
School Buses				
22123				
Caterpillar 3208 Diesel				
1986				
	4048-80 [1]			
	4048-90 [1]			
Conventional				
Caterpillar 3126 Diesel				
2003-1998				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2007				
	4048-80 [1]			
	4048-90 [1]			
2004				
	4048-80 [1]			
	4048-90 [1]			
Saf-T-Liner C2				
Caterpillar C7 Diesel				
2008				
	4048-80 [1]			
	4048-90 [1]			
Saf-T-Liner HDX				
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins ISC Diesel				
2008-2006 [w/Dual Thermostats]				
	4058-80 [1]			
2008-2006 [w/Single Thermostat]				
	4052-80 [8]			
Saf-T-Liner MVP EF				
Caterpillar 3126 Diesel				
2004-1995				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2008-2004				
	4048-80 [1]			
	4048-90 [1]			
Cummins ISC Diesel				
2008-2005 [w/Dual Thermostats]				
	4058-80 [1]			
2008-2005 [w/Single Thermostat]				
	4052-80 [8]			
Saf-T-Liner MVP ER				
Caterpillar 3116 Diesel				
2002-1990				
	4048-80			
	4048-90			
Caterpillar 3126 Diesel				
2004-2001				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3208 Diesel				
2002-1999				
	4048-80 [1]			
	4048-90 [1]			
1990				
	4048-80 [1]			
	4048-90 [1]			
1988				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar C7 Diesel				
2005-2004				
	4048-80 [1]			
	4048-90 [1]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Thomas Built (Continued)			
School Buses (Continued)			
Saf-T-Liner MVP ER (Continued)			
Cummins ISC Diesel 2004-2003 [w/Dual Thermostats]			
	4058-80 [1]		
2000 [w/Dual Thermostats]			
	4058-80 [1]		
1998 [w/Dual Thermostats]			
	4058-80 [1]		
2004-2003 [w/Single Thermostat]			
	4052-80 [8]		
2000 [w/Single Thermostat]			
	4052-80 [8]		
1998 [w/Single Thermostat]			
	4052-80 [8]		
Vista			
International/Navistar T444 Diesel 1996-1995			
	4030-80 4030-92 4030-05		3014-02 3014-02 3014-02
Westcoast-ER			
Caterpillar 3116 Diesel 1995			
	4048-80 4048-90		
TMC			
Transit Buses			
RTS06			
Detroit Diesel Series 50 Diesel 1995-1987			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Towmotor			
Forklifts			
350			
Continental N62 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
390			
Continental F140 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
391			
Continental F140 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	

Application	Standard	High Flow	Gasket or Seal
Towmotor (Continued)			
Forklifts (Continued)			
391 (Continued)			
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
391S			
Continental F140 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
392S			
Continental F140 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
400P			
Continental F140 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
410			
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
411			
Continental Y112 <All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
420				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
421				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
422S				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
440				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
441				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
460				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
460 (Continued)				
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
461				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
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462S				
Continental F140				
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Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
480P				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
500				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
500P				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
501				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
501P				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
502P				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
502S				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
502S (Continued)				
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
510P				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
540				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
590				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental Y112				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
590S				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
600				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
601P				
Continental F140				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F162				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
670				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
670 (Continued)				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
680P				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F226				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
900				
Continental F209				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F266				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
A10				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
A12				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
A15				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
A16				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
A18				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
A20				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
A22				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
A24				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B10				
Continental F244 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
B12				
Continental F244 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
B15				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B16				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B18				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B20				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B22				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B24				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			
B25				
Detroit Diesel 4-53 Diesel <All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
K5-30				
Continental F162 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
K5-33				
Continental F162 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
K5-36				
Continental F162 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
K5-40				
Continental F162 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T100C				
Continental F227 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T120C				
Continental F227 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T30B				
Continental F163 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T35B				
Continental F163 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
T40B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T45B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T50B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T60B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T60C				
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T70C				
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T80C				
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
T90C				
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
U6				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
U8				
Continental F244				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
V30B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
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V35B				
Continental F163				
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	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
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V40B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
V45B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

Application	Standard	High Flow	Gasket or Seal	
Towmotor (Continued)				
Forklifts (Continued)				
V45B (Continued)				
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
V50B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
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V55B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
V60B				
Continental F163				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
Continental F227				
<All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
V60C				
Perkins 4-Cyl. 236				
<All>				
	4006-60 4006-80			
V70C				
Perkins 4-Cyl. 236				
<All>				
	4006-60 4006-80			
V80C				
Perkins 4-Cyl. 236				
<All>				
	4006-60 4006-80			

Application	Standard	High Flow	Gasket or Seal	
Toyota				
Light Trucks				
Tundra				
V6 - 3.4L				
2004-2000				
	4022-80			3012-02
V8 - 4.7L				
2005-2000				
	4059-80			3015-02
Trojan-Yale				
Wheel Loaders				
1700				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
1900				
Detroit Diesel 4-53 Diesel				
<All>				
	4006-60 4006-80			
2000				
Detroit Diesel 4-71 Diesel				
<All>				
	4041-60 4041-70 4041-80			
Detroit Diesel 4-71N Diesel				
<All>				
	4041-60 4041-70 4041-80			
2500				
Detroit Diesel 6V-71N Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
3000				
Detroit Diesel 6V-71N Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
4000				
Detroit Diesel 8V-71 Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71N Diesel				
<All>				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
U.S. Bus				
Transit Buses				
BUS				
International/Navistar T444 Diesel				
1995-1994				
	4030-80 4030-92 4030-05		3014-02 3014-02 3014-02	
1993-1991				
	4033-80 [7] 4033-95 [7]			

(1) 2 Required. (7) Remove seal on thermostat flange. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Unit Crane & Shovel			
Excavators			
H202C			
Detroit Diesel 4-71N Diesel			
<All>			
	4041-60 4041-70 4041-80		
United Tractor			
Forklifts			
SM160 Shop Mule			
Continental M363			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
SM26 Shop Mule			
Continental Y112			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
SM30 Shop Mule			
Continental Y112			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
SM80 Shop Mule			
Continental F244			
<All>			
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05	
Van Hool			
Transit Buses			
C2045			
Detroit Diesel Series 60 Diesel			
2003-2002			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
T2140			
Detroit Diesel Series 60 Diesel			
1999			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
VME			
Wheel Loaders			
L20			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		

Application	Standard	High Flow	Gasket or Seal
VME (Continued)			
Wheel Loaders (Continued)			
L30			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Volvo			
Medium/Heavy Trucks			
Autocar			
Caterpillar 3306 Diesel			
1999-1996			
	4049-75		
Caterpillar 3406 Diesel			
1999-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins L10 Diesel			
1998-1996 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1996 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1998-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
2001-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2001-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2001-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Autohauler			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2001-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2001-1997			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Volvo (Continued)			
Medium/Heavy Trucks (Continued)			
Autohauler (Continued)			
Detroit Diesel Series 60 Diesel 1993-1990			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
F6			
Volvo TD60 Diesel 1986-1980			
	4048-80 [1] 4048-90 [1]		
FE Series			
Caterpillar 3116 Diesel 1998-1991			
	4048-80 4048-90		
VHD			
Cummins N14 Diesel 2001			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel Series 60 Diesel 2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
VN Series			
Caterpillar 3406 Diesel 1999-1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel 1997			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel 2003-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel 2001-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel 2001-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
WCA Series			
Caterpillar 3176 Diesel 1997-1996			
	4048-80 4048-90		
1993-1992			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
Volvo (Continued)			
Medium/Heavy Trucks (Continued)			
WCA Series (Continued)			
1990			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar 3306 Diesel 1990			
	4049-75		
Caterpillar 3406 Diesel 1997-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1993-1990			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins L10 Diesel 1993-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1993-1990 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel 1997-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel 1997-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
1993-1991			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel 1998-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel 1997-1996			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel Series 60 Diesel 1993-1990			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
WCM Series			
Caterpillar 3306 Diesel 1990			
	4049-75		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Volvo (Continued)				
Medium/Heavy Trucks (Continued)				
WCM Series (Continued)				
Caterpillar 3406 Diesel				
1993-1990				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins L10 Diesel				
1993-1990 [w/Low Flow Cool.]				
	4053-75 [1]			
1993-1990 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins N14 Diesel				
1993-1991				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel Series 60 Diesel				
1993-1990				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
WCS Series				
Caterpillar 3306 Diesel				
1990				
	4049-75			
Caterpillar 3406 Diesel				
1990				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins L10 Diesel				
1990 [w/Low Flow Cool.]				
	4053-75 [1]			
1990 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Detroit Diesel Series 60 Diesel				
1990				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
WG Series				
Caterpillar 3176 Diesel				
1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
1993-1990				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar 3306 Diesel				
1997-1996				
	4049-75			
1993-1992				
	4049-75			
Cummins L10 Diesel				
1997-1996 [w/Low Flow Cool.]				
	4053-75 [1]			

Application	Standard	High Flow	Gasket or Seal	
Volvo (Continued)				
Medium/Heavy Trucks (Continued)				
WG Series (Continued)				
1993-1990 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1996 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
1993-1990 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel				
1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel				
1997-1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
1993-1991				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
2000-1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel Series 60 Diesel				
1993-1990				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
WH Series				
Caterpillar 3406 Diesel				
1993-1990				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins N14 Diesel				
1996				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
1993-1991				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
Volvo (Continued)			
Medium/Heavy Trucks (Continued)			
WH Series (Continued)			
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel Series 60 Diesel			
1993-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WIA Series			
Caterpillar 3176 Diesel			
1997-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1993-1992			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3306 Diesel			
1990			
	4049-75		
Caterpillar 3406 Diesel			
1998-1996			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1993-1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1997 [w/Low Flow Cool.]			
	4053-75 [1]		
1993-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1997 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
1993-1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1997-1996			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1998-1996			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
1993-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02

Application	Standard	High Flow	Gasket or Seal
Volvo (Continued)			
Medium/Heavy Trucks (Continued)			
WIA Series (Continued)			
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1998-1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1998-1996			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel Series 60 Diesel			
1993-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WIL Series			
Caterpillar 3306 Diesel			
1990			
	4049-75		
Caterpillar 3406 Diesel			
1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel Series 60 Diesel			
1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WIM Series			
Caterpillar 3306 Diesel			
1990			
	4049-75		
Caterpillar 3406 Diesel			
1993-1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1993-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1993-1990 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins N14 Diesel			
1993-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Volvo (Continued)			
Medium/Heavy Trucks (Continued)			
WIM Series (Continued)			
Detroit Diesel Series 60 Diesel			
1993-1990			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Xpeditor			
Caterpillar 3208 Diesel			
1990			
	4048-80 [1] 4048-90 [1]		
Caterpillar 3306 Diesel			
1999-1996			
	4049-75		
1990			
	4049-75		
Cummins ISC CNG			
2002 [w/Dual Thermostats]			
	4058-80 [1]		
Cummins ISC Diesel			
2001 [w/Dual Thermostats]			
	4058-80 [1]		
Cummins L10 Diesel			
1998-1996 [w/Low Flow Cool.]			
	4053-75 [1]		
1993-1990 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1996 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1993-1990 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1998-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Wheel Dozers			
180 I			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
180 II			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1] 4006-80 [1]		3019-02 3019-02
<All> [Late]			
	4044-70 4044-80 4044-90		3021-02 3021-02 3021-02
Wabco			
Motor Graders			
330H			
Detroit Diesel 3-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		

Application	Standard	High Flow	Gasket or Seal
Wabco (Continued)			
Motor Graders (Continued)			
440			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
555			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
666			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
666 Power Flow			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
666B			
Detroit Diesel 4-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
777			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
777 Power Flow			
Detroit Diesel 6-71 Diesel			
<All>			
	4041-60 4041-70 4041-80		
777B			
Detroit Diesel 6-71N Diesel			
<All>			
	4041-60 4041-70 4041-80		
Off-Road Haulers			
35			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		
35C			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12] 4047-70 [12] 4047-80 [12] 4047-90 [12]		

(1) 2 Required. (2) 4 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8.

Application	Standard	High Flow	Gasket or Seal
Wabco (Continued)			
Off-Road Haulers (Continued)			
AFE1			
Detroit Diesel 16V-149 Diesel			
<All>			
	4047-60 [13]		3019-02
	4047-70 [13]		3019-02
	4047-80 [13]		3019-02
	4047-90 [13]		3019-02
AFE5			
Detroit Diesel 16V-149 Diesel			
<All>			
	4047-60 [13]		3019-02
	4047-70 [13]		3019-02
	4047-80 [13]		3019-02
	4047-90 [13]		3019-02
AFE6			
Detroit Diesel 16V-149 Diesel			
<All>			
	4047-60 [13]		3019-02
	4047-70 [13]		3019-02
	4047-80 [13]		3019-02
	4047-90 [13]		3019-02
BF43			
Detroit Diesel 16V-71 Diesel			
<All>			
	4047-60 [12]		
	4047-70 [12]		
	4047-80 [12]		
	4047-90 [12]		
CFA19			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12]		
	4047-70 [12]		
	4047-80 [12]		
	4047-90 [12]		
CFA20B			
Detroit Diesel 12V-71 Diesel			
<All>			
	4047-60 [12]		
	4047-70 [12]		
	4047-80 [12]		
	4047-90 [12]		
Scrapers			
C			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Wheel Loaders			
300			
Detroit Diesel 6V-53 Diesel			
<All> [Early]			
	4006-60 [1]		3019-02
	4006-80 [1]		3019-02
<All> [Late]			
	4044-70		3021-02
	4044-80		3021-02
	4044-90		3021-02
400			
Detroit Diesel 6V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Wheel Loaders (Continued)			
500			
Detroit Diesel 8V-71 Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Ward			
School Buses			
Volunteer			
International/Navistar DT466 Diesel			
1999-1994 [w/Electronic Eng.]			
	4051-90		
Warner & Swasey			
Cranes			
HT4418			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		
Excavators			
300 Hydro-Cruiser			
Detroit Diesel 3-53N Diesel			
<All>			
	4006-60		
	4006-80		
300 Hydro-Scopic			
Detroit Diesel 3-53N Diesel			
<All>			
	4006-60		
	4006-80		
300TM-C			
Continental M6363			
<All>			
	4005-60		
	4005-80		
G660			
Detroit Diesel 4-53 Diesel			
<All>			
	4006-60		
	4006-80		
H550			
Detroit Diesel 4-71N Diesel			
<All>			
	4041-60		
	4041-70		
	4041-80		
H900A			
Detroit Diesel 8V-71N Diesel			
<All>			
	4047-60 [11]		3019-02
	4047-70 [11]		3019-02
	4047-80 [11]		3019-02
	4047-90 [11]		3019-02
Western Star			
Medium/Heavy Trucks			
3700 Series			
Caterpillar 3126 Diesel			
2001-2000			
	4048-80 [1]		
	4048-90 [1]		
3800 Series			
Caterpillar 3306 Diesel			
1989			
	4049-75		
Caterpillar 3406 Diesel			
1989			
	4049-75		
Cummins C Series 8.3 L Diesel			
1990-1989 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]

(1) 2 Required. (2) 4 Required. (3) 6 Required. (8) Seal included. (11) Refer to 1 & 8. (12) Refer to 2 & 8. (13) Refer to 3 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
Western Star (Continued)				
Medium/Heavy Trucks (Continued)				
3800 Series (Continued)				
1990-1989 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1997-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1997-1989 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel				
1997-1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6V-92 Diesel				
1989				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
4800 Series				
Caterpillar 3306 Diesel				
1997-1985				
	4049-75			
Caterpillar 3406 Diesel				
2000-1990				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
1989-1980				
	4049-75			
Caterpillar C12 Diesel				
2000-1999				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins C Series 8.3 L Diesel				
1989 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1989 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1999-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1999-1986 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel				
1997-1992				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-71 Diesel				
1988-1980				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1996-1991				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

Application	Standard	High Flow	Gasket or Seal	
Western Star (Continued)				
Medium/Heavy Trucks (Continued)				
4800 Series (Continued)				
Detroit Diesel 6-Cyl. 12.7 L Diesel				
1996-1991				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6V-92 Diesel				
1989-1980				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 8V-71 Diesel				
1986-1980				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02	
4900 Series				
Caterpillar 3176 Diesel				
1996-1994				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Caterpillar 3306 Diesel				
1996-1993				
	4049-75			
1990-1986				
	4049-75			
Caterpillar 3406 Diesel				
2002-1991				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
1990-1980				
	4049-75			
Caterpillar C10 Diesel				
2001-2000				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C12 Diesel				
2002-1997				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar C15 Diesel				
2002-2000				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Caterpillar C16 Diesel				
2002-2000				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Cummins C Series 8.3 L Diesel				
1989 [w/Dual Thermostats]				
	4058-80 [1]		3009-01 [1]	
1989 [w/Single Thermostat]				
	4052-80 [8]			
Cummins L10 Diesel				
1998-1993 [w/Low Flow Cool.]				
	4053-75 [1]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
Western Star (Continued)			
Medium/Heavy Trucks (Continued)			
4900 Series (Continued)			
1989 [w/Low Flow Cool.]			
	4053-75 [1]		
1998-1993 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1989 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins M11 Diesel			
1997-1994			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Cummins N14 Diesel			
2001-1993			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 6-71 Diesel			
1988-1980			
	4041-60 4041-70 4041-80		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2001-1992			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2000-1989			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6V-92 Diesel			
1989-1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71 Diesel			
1986-1980			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
4900EX			
Caterpillar 3406 Diesel			
2003			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2008-2002			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Western Star (Continued)			
Medium/Heavy Trucks (Continued)			
4900EX (Continued)			
Caterpillar C16 Diesel			
2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
4900FA			
Caterpillar 3406 Diesel			
2003			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2008-2002			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2003			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
4900SA			
Caterpillar 3406 Diesel			
2003			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C13 Diesel			
2007-2005			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2008-2002			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Caterpillar C16 Diesel			
2003-2002			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
5800 Series			
Caterpillar 3406 Diesel			
2000-1996			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C10 Diesel			
2001-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
Western Star (Continued)			
Medium/Heavy Trucks (Continued)			
5800 Series (Continued)			
Caterpillar C12 Diesel			
2001-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C15 Diesel			
2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
5900 Series			
Caterpillar 3406 Diesel			
2000-1990			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Caterpillar C12 Diesel			
2000-1998			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins L10 Diesel			
1995-1993 [w/Low Flow Cool.]			
	4053-75 [1]		
1995-1993 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Cummins N14 Diesel			
2000-1995			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
2000-1998			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
2000-1990			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
6900 Series			
Caterpillar 3306 Diesel			
1989			
	4049-75		
Caterpillar 3406 Diesel			
2000-1995			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
1990-1989			
	4049-75		
Caterpillar C15 Diesel			
2001			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		

Application	Standard	High Flow	Gasket or Seal
Western Star (Continued)			
Medium/Heavy Trucks (Continued)			
6900 Series (Continued)			
Cummins C Series 8.3 L Diesel			
1989 [w/Dual Thermostats]			
	4058-80 [1]		3009-01 [1]
1989 [w/Single Thermostat]			
	4052-80 [8]		
Cummins L10 Diesel			
1989 [w/Low Flow Cool.]			
	4053-75 [1]		
1989 [w/o Low Flow Cool.]			
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1989			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
6900XD			
Caterpillar C15 Diesel			
2008-2005			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		
WSH Series			
Caterpillar 3406 Diesel			
1982-1980			
	4049-75		
White			
Medium/Heavy Trucks			
Road Boss 2			
Detroit Diesel 6-71 Diesel			
1980			
	4041-60 4041-70 4041-80		
Detroit Diesel 6V-92 Diesel			
1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-92 Diesel			
1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Road Commander 2			
Detroit Diesel 6V-92 Diesel			
1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-71 Diesel			
1980			
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]		3019-02 3019-02 3019-02 3019-02
Detroit Diesel 8V-92 Diesel			
1980			
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal
White (Continued)			
Medium/Heavy Trucks (Continued)			
Road Xpeditor 2			
Caterpillar 3208 Diesel			
1983-1980			
	4048-80 [1]		
	4048-90 [1]		
Detroit Diesel 6-71 Diesel			
1983-1980			
	4041-60		
	4041-70		
	4041-80		
WCA			
Caterpillar 3306 Diesel			
1988			
	4049-75		
Caterpillar 3406 Diesel			
1988			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1988 [w/Low Flow Cool.]			
	4053-75 [1]		
1988 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1988			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WCL			
Caterpillar 3306 Diesel			
1988-1981			
	4049-75		
Caterpillar 3406 Diesel			
1988-1982			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1988-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1988-1984			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WCM			
Caterpillar 3306 Diesel			
1988-1981			
	4049-75		
Caterpillar 3406 Diesel			
1988-1981			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1988-1984 [w/Low Flow Cool.]			
	4053-75 [1]		

Application	Standard	High Flow	Gasket or Seal
White (Continued)			
Medium/Heavy Trucks (Continued)			
WCM (Continued)			
1988-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1988-1981			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WCS			
Caterpillar 3306 Diesel			
1988-1981			
	4049-75		
Caterpillar 3406 Diesel			
1988-1981			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1988-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-71 Diesel			
1987-1985			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1987-1981			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WHL			
Caterpillar 3406 Diesel			
1988-1983			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1987-1983			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1986			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WHM			
Caterpillar 3406 Diesel			
1988-1985			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal
White (Continued)			
Medium/Heavy Trucks (Continued)			
WHM (Continued)			
Detroit Diesel 6V-92 Diesel			
1987-1985			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WHS			
Caterpillar 3406 Diesel			
1988-1985			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1988-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6V-92 Diesel			
1987-1983			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1986			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WIA			
Caterpillar 3406 Diesel			
1988			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1988 [w/Low Flow Cool.]			
	4053-75 [1]		
1988 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1988			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WIL			
Caterpillar 3406 Diesel			
1988-1984			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
WIM			
Caterpillar 3406 Diesel			
1988-1984			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		

Application	Standard	High Flow	Gasket or Seal
White (Continued)			
Medium/Heavy Trucks (Continued)			
WIM (Continued)			
Cummins L10 Diesel			
1988-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-71 Diesel			
1987-1986			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1987-1986			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
Detroit Diesel 8V-92 Diesel			
1987			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WIS			
Cummins L10 Diesel			
1987-1986 [w/Low Flow Cool.]			
	4053-75 [1]		
1987-1986 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
WX			
Caterpillar 3208 Diesel			
1988-1981			
	4048-80 [1]		
	4048-90 [1]		
Caterpillar 3306 Diesel			
1988-1987			
	4049-75		
1985-1982			
	4049-75		
Cummins L10 Diesel			
1988-1984 [w/Low Flow Cool.]			
	4053-75 [1]		
1988-1984 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Detroit Diesel 6-71 Diesel			
1988-1981			
	4041-60		
	4041-70		
	4041-80		
Detroit Diesel 6V-92 Diesel			
1988-1982			
	4047-60 [14]		3019-02
	4047-70 [14]		3019-02
	4047-80 [14]		3019-02
	4047-90 [14]		3019-02
WXLL			
Caterpillar 3208 Diesel			
1988-1987			
	4048-80 [1]		
	4048-90 [1]		

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Application	Standard	High Flow	Gasket or Seal	
White (Continued)				
Medium/Heavy Trucks (Continued)				
WXLL (Continued)				
Caterpillar 3306 Diesel 1988-1987				
	4049-75			
Cummins L10 Diesel 1988-1986 [w/Low Flow Cool.]				
	4053-75 [1]			
1988-1986 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Detroit Diesel 6V-92 Diesel 1988-1986				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
Tractors				
2-180				
Caterpillar 3208 Diesel 1982-1980				
	4048-80 [1] 4048-90 [1]			
2-180 III				
Caterpillar 3208 Diesel 1987-1982				
	4048-80 [1] 4048-90 [1]			
4-210				
Caterpillar 3208 Diesel 1982-1980				
	4048-80 [1] 4048-90 [1]			
4-225				
Caterpillar 3208 Diesel 1987-1983				
	4048-80 [1] 4048-90 [1]			
4-270				
Caterpillar 3306 Diesel 1988-1983				
	4049-75			
White GMC				
Medium/Heavy Trucks				
Autohauler				
Cummins M11 Diesel 1995				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel 1995-1990				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Brigadier				
Caterpillar 3208 Diesel 1989-1988				
	4048-80 [1] 4048-90 [1]			
Cummins L10 Diesel 1989-1988 [w/Low Flow Cool.]				
	4053-75 [1]			
1989-1988 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
White GMC (Continued)				
Medium/Heavy Trucks (Continued)				
Brigadier (Continued)				
Detroit Diesel 6-71 Diesel 1989-1988				
	4041-60 4041-70 4041-80			
Detroit Diesel 6-Cyl. 11.1 L Diesel 1989-1988				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6V-92 Diesel 1989-1988				
	4047-60 [14] 4047-70 [14] 4047-80 [14] 4047-90 [14]		3019-02 3019-02 3019-02 3019-02	
WCA Series				
Caterpillar 3176 Diesel 1995-1989				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Caterpillar 3306 Diesel 1993-1989				
	4049-75			
Caterpillar 3406 Diesel 1995-1989				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins L10 Diesel 1994-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1989 [w/o Low Flow Cool.]				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]			
Cummins M11 Diesel 1995-1994				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Cummins N14 Diesel 1995-1989				
	4047-60 [8] 4047-70 [8] 4047-80 [8] 4047-90 [8]		3019-02 3019-02 3019-02 3019-02	
Detroit Diesel 6-Cyl. 11.1 L Diesel 1995-1989				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			
Detroit Diesel 6-Cyl. 12.7 L Diesel 1995-1989				
	4047-60 [11] 4047-70 [11] 4047-80 [11] 4047-90 [11]			

(1) 2 Required. (4) Also requires 3003-01. (5) As Required. (8) Seal included. (11) Refer to 1 & 8. (14) Refer to 5 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
White GMC (Continued)				
Medium/Heavy Trucks (Continued)				
WCL Series				
Caterpillar 3176 Diesel				
1994-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1989				
	4049-75			
Caterpillar 3406 Diesel				
1994-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1994-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1989 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
WCM Series				
Caterpillar 3176 Diesel				
1994-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1989				
	4049-75			
Caterpillar 3406 Diesel				
1994-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins L10 Diesel				
1994-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1994-1989 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1994-1990				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
WCS Series				
Caterpillar 3306 Diesel				
1989				
	4049-75			
Caterpillar 3406 Diesel				
1991-1989				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
White GMC (Continued)				
Medium/Heavy Trucks (Continued)				
WCS Series (Continued)				
Cummins L10 Diesel				
1991-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1991-1989 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins N14 Diesel				
1991-1990				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
WG Series				
Caterpillar 3176 Diesel				
1995-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Caterpillar 3306 Diesel				
1995-1992				
	4049-75			
Caterpillar 3406 Diesel				
1993-1990				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins 6-Cyl. 14.0 L Diesel				
1990				
Bypass	4055-60 [8]			
1990				
Radiator	4054-80 [8]			
Cummins L10 Diesel				
1995-1990 [w/Low Flow Cool.]				
	4053-75 [1]			
1995-1990 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1995-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Cummins N14 Diesel				
1995-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
Detroit Diesel 6-Cyl. 11.1 L Diesel				
1995-1990				
	4047-60 [11]			
	4047-70 [11]			
	4047-80 [11]			
	4047-90 [11]			

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Application	Standard	High Flow	Gasket or Seal
White GMC (Continued)			
Medium/Heavy Trucks (Continued)			
WG Series (Continued)			
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1995-1993			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WH Series			
Caterpillar 3176 Diesel			
1995-1993			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3406 Diesel			
1994-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins L10 Diesel			
1994-1989 [w/Low Flow Cool.]			
	4053-75 [1]		
1994-1989 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1995-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1995-1990			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1995-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1995-1990			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WIA Series			
Caterpillar 3176 Diesel			
1995-1990			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Caterpillar 3406 Diesel			
1995-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		

Application	Standard	High Flow	Gasket or Seal
White GMC (Continued)			
Medium/Heavy Trucks (Continued)			
WIA Series (Continued)			
Cummins L10 Diesel			
1994-1989 [w/Low Flow Cool.]			
	4053-75 [1]		
1994-1989 [w/o Low Flow Cool.]			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins M11 Diesel			
1995-1994			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
Cummins N14 Diesel			
1995-1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
Detroit Diesel 6-Cyl. 11.1 L Diesel			
1995-1989			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
Detroit Diesel 6-Cyl. 12.7 L Diesel			
1995-1989			
	4047-60 [11]		
	4047-70 [11]		
	4047-80 [11]		
	4047-90 [11]		
WIL Series			
Caterpillar 3406 Diesel			
1992-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		
Cummins N14 Diesel			
1991			
	4047-60 [8]		3019-02
	4047-70 [8]		3019-02
	4047-80 [8]		3019-02
	4047-90 [8]		3019-02
1991			
Bypass	4055-60 [8]		
1991			
Radiator	4054-80 [8]		
WIM Series			
Caterpillar 3406 Diesel			
1994-1989			
	4047-60 [8]		
	4047-70 [8]		
	4047-80 [8]		
	4047-90 [8]		
Cummins 6-Cyl. 14.0 L Diesel			
1990			
Bypass	4055-60 [8]		
1990			
Radiator	4054-80 [8]		

(1) 2 Required. (8) Seal included. (11) Refer to 1 & 8.

Thermostat Applications

Application	Standard	High Flow	Gasket or Seal	
White GMC (Continued)				
Medium/Heavy Trucks (Continued)				
WIM Series (Continued)				
Cummins N14 Diesel				
1994-1991				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
1991				
Bypass	4055-60 [8]			
1991				
Radiator	4054-80 [8]			
Xpeditor				
Caterpillar 3208 Diesel				
1991-1989				
	4048-80 [1]			
	4048-90 [1]			
Caterpillar 3306 Diesel				
1995-1989				
	4049-75			
Cummins L10 Diesel				
1995-1989 [w/Low Flow Cool.]				
	4053-75 [1]			
1995-1989 [w/o Low Flow Cool.]				
	4047-60 [8]			
	4047-70 [8]			
	4047-80 [8]			
	4047-90 [8]			
Cummins M11 Diesel				
1995-1994				
	4047-60 [8]		3019-02	
	4047-70 [8]		3019-02	
	4047-80 [8]		3019-02	
	4047-90 [8]		3019-02	
Winnebago				
Medium/Heavy Trucks				
W650				
Cummins B Series 5.9 L Diesel				
1988				
	4015-60		3002-01	3003-01
	4015-70		3002-01	3003-01
	4015-80	5014-80	3002-01	3003-01
	4015-92	5014-95	3002-01	3003-01
W850				
Cummins B Series 5.9 L Diesel				
1988				
	4015-60		3002-01	3003-01
	4015-70		3002-01	3003-01
	4015-80	5014-80	3002-01	3003-01
	4015-92	5014-95	3002-01	3003-01
Workhorse				
Medium/Heavy Trucks				
P Series				
Cummins B Series 3.9 L Diesel				
2005-2004				
	4034-80 [8]			
	4034-90 [8]			
R Series				
Caterpillar C7 Diesel				
2008-2007				
	4048-80 [1]			
	4048-90 [1]			
Cummins ISC Diesel				
2007-2006 [w/Dual Thermostats]				
	4058-80 [1]			
2007-2006 [w/Single Thermostat]				
	4052-80 [8]			
UFO				
Cummins ISB-07 Diesel				
2008-2007				
	4034-80 [8]			
	4034-90 [8]			

Application	Standard	High Flow	Gasket or Seal	
Yale				
Forklifts				
G51C Series				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
G51CN Series				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
G51NC				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
G51P Series				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
G52 Series				
Continental F124				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
G54C Series				
Continental F162				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
GC Series				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		
GLC Series				
Continental F163				
<All>				
	4001-60	5001-60		
	4001-70	5001-70		
	4001-80	5001-80		
	4001-95	5001-95		
	4001-05	5001-05		

(1) 2 Required. (8) Seal included.

Application	Standard	High Flow	Gasket or Seal	
Yale (Continued)				
Forklifts (Continued)				
GP52 Series				
Continental F124 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GPR52 Series				
Continental F124 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GR52 Series				
Continental F124 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
GTC Series				
Continental F163 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		
L52 Series				
Continental F124 <All>				
	4001-60 4001-70 4001-80 4001-95 4001-05	5001-60 5001-70 5001-80 5001-95 5001-05		

(1) 2 Required. (8) Seal included.

Oil Cap Applications

Application	Filler	Breather
Chevrolet		
Light Trucks		
Astro		
V6 - 4.3L		
2005-2000		
	6017-02	
Avalanche		
V8 - 5.3L		
2009-2007		
	6011-02	
V8 - 6.0L		
2009-2007		
	6011-02	
Avalanche 1500		
V8 - 5.3L		
2006-2002		
	6011-02	
Avalanche 2500		
V8 - 8.1L		
2006-2003		
	6011-02	
2002		
	6017-02	
C2500		
V8 - 5.7L		
2000		
	6014-02	
V8 - 6.5L		
2000		
	6011-02	
V8 - 7.4L		
2000		
	6017-02	
C3500		
V8 - 5.7L		
2000		
	6014-02	
V8 - 6.5L		
2002-2000		
	6011-02	
V8 - 7.4L		
2000		
	6017-02	
V8 - 8.1L		
2002-2001		
	6017-02	
Express 1500		
V6 - 4.3L		
2009-2003		
	6011-02	
2002-2000		
	6017-02	
V8 - 5.0L		
2002-2000		
	6017-02	
V8 - 5.3L		
2009-2003		
	6011-02	
V8 - 5.7L		
2002-2000		
	6017-02	
Express 2500		
V6 - 4.3L		
2005-2003		
	6011-02	
2002-2000		
	6017-02	
V8 - 4.8L		
2009-2003		
	6011-02	

Application	Filler	Breather
Chevrolet (Continued)		
Light Trucks (Continued)		
Express 2500 (Continued)		
V8 - 5.0L		
2002-2000		
	6017-02	
V8 - 5.3L		
2005-2003		
	6011-02	
V8 - 5.7L		
2002-2000		
	6017-02	
V8 - 6.0L		
2009-2003		
	6011-02	
V8 - 6.5L		
2002-2000		
	6011-02	
V8 - 6.6L		
2009-2006		
	6011-02	
Express 3500		
V8 - 4.8L		
2009-2005		
	6011-02	
V8 - 5.7L		
2002-2000		
	6017-02	
V8 - 6.0L		
2009-2003		
	6011-02	
V8 - 6.5L		
2002-2000		
	6011-02	
V8 - 6.6L		
2008-2006		
	6011-02	
V8 - 7.4L		
2000		
	6017-02	
V8 - 8.1L		
2002-2001		
	6017-02	
K2500		
V8 - 5.7L		
2000		
	6014-02	
V8 - 6.5L		
2000		
	6011-02	
V8 - 7.4L		
2000		
	6017-02	
K3500		
V8 - 5.7L		
2000		
	6014-02	
V8 - 6.5L		
2000		
	6011-02	
V8 - 7.4L		
2000		
	6017-02	
Silverado 1500		
V6 - 4.3L		
2008-2000		
	6011-02	
V8 - 4.8L		
2008-2000		
	6011-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Chevrolet (Continued)		
Light Trucks (Continued)		
Silverado 1500 (Continued)		
V8 - 5.3L		
2008-2000		
	6011-02	
V8 - 6.0L		
2008-2003		
	6011-02	
Silverado 1500 HD		
V8 - 6.0L		
2007-2005		
	6011-02	
2003-2001		
	6011-02	
Silverado 2500		
V8 - 5.3L		
2000		
	6011-02	
V8 - 6.0L		
2004-2000		
	6011-02	
Silverado 2500 HD		
V8 - 6.0L		
2008-2001		
	6011-02	
V8 - 6.6L		
2008-2001		
	6011-02	
V8 - 8.1L		
2007-2003		
	6011-02	
2002-2001		
	6017-02	
Silverado 3500		
V8 - 6.0L		
2007-2001		
	6011-02	
V8 - 6.6L		
2007-2001		
	6011-02	
V8 - 8.1L		
2007-2003		
	6011-02	
2002-2001		
	6017-02	
Silverado 3500 HD		
V8 - 6.0L		
2008-2007		
	6011-02	
V8 - 6.6L		
2008-2007		
	6011-02	
Medium/Heavy Trucks		
C50		
GM 6-Cyl. 4.8 L		
1986-1980		
	6003-02	
GM V-8 5.7 L		
1990-1980		
	6006-02	
GM V-8 6.0 L		
1990		
	6014-02	
C5500		
GM V-8 6.0 L		
1998-1997		
	6014-02	
GM V-8 7.0 L		
1998-1997		
	6014-02	

Application	Filler	Breather
Chevrolet (Continued)		
Medium/Heavy Trucks (Continued)		
C5500 (Continued)		
GM V-8 7.4 L		
2000-1999		
	6017-02	
GM V-8 8.1 L		
2002-2001		
	6017-02	
C60		
GM 6-Cyl. 4.8 L		
1986-1980		
	6003-02	
GM V-8 5.7 L		
1990-1980		
	6006-02	
GM V-8 6.0 L		
1990		
	6014-02	
1989-1980		
	6006-02	
GM V-8 7.0 L		
1985		
	6006-02	
C6500		
GM V-8 6.0 L		
1998-1997		
	6014-02	
GM V-8 7.0 L		
1998-1997		
	6014-02	
GM V-8 7.4 L		
2000-1999		
	6017-02	
GM V-8 8.1 L		
2002-2001		
	6017-02	
C70		
GM V-8 5.7 L		
1980		
	6006-02	
GM V-8 6.0 L		
1990		
	6014-02	
1989-1980		
	6006-02	
GM V-8 7.0 L		
1990		
	6014-02	
1989-1980		
	6006-02	
GM V-8 7.4 L		
1981-1980		
	6006-02	
C7500		
GM V-8 6.0 L		
1998-1997		
	6014-02	
GM V-8 7.0 L		
1998-1997		
	6014-02	
GM V-8 7.4 L		
2000-1999		
	6017-02	
GM V-8 8.1 L		
2002-2001		
	6017-02	
Kodiak C5500		
GM V-8 6.0 L		
1996-1991		
	6014-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Chevrolet (Continued)		
Medium/Heavy Trucks (Continued)		
Kodiak C5500 (Continued)		
GM V-8 7.0 L		
1996-1991		
	6014-02	
Kodiak C6500		
Caterpillar 3116 Diesel		
1996-1991		
	6014-02	
GM V-8 6.0 L		
1996-1991		
	6014-02	
GM V-8 7.0 L		
1996-1991		
	6014-02	
Kodiak C7500		
Caterpillar 3116 Diesel		
1996-1991		
	6014-02	
GM V-8 6.0 L		
1996-1991		
	6014-02	
GM V-8 7.0 L		
1996-1991		
	6014-02	
Kodiak C8500		
Caterpillar 3116 Diesel		
1996-1991		
	6014-02	
GM V-8 7.0 L		
1991		
	6014-02	
P30		
GM V-8 6.5 L Diesel		
1995		
	6003-02	
P4T042		
GM 6-Cyl. 4.8 L		
1984-1980		
	6003-02	
P6T042		
GM V-8 5.7 L		
1990-1983		
	6006-02	
GM V-8 6.0 L		
1990-1982		
	6006-02	
GM V-8 7.0 L		
1990-1986		
	6006-02	
Tiltmaster W4		
Isuzu 4BD1 Diesel		
1989-1986		
	6006-02	
School Buses		
B60 B6P Series		
GM V-8 5.7 L		
1991-1980		
	6006-02	
GM V-8 6.0 L		
1991-1980		
	6006-02	
GM V-8 7.0 L		
1985-1980		
	6006-02	
B7 Series		
Caterpillar 3116 Diesel		
1993		
	6014-02	

Application	Filler	Breather
Chevrolet (Continued)		
School Buses (Continued)		
B7 Series (Continued)		
Caterpillar 3126 Diesel		
2000-1999 [w/Threaded Filler Neck]		
	6014-02	
GM V-8 6.0 L		
1998-1993 [w/Mogul Threaded Filler Neck]		
	6009-02	
1998-1993 [w/Threaded Filler Neck]		
	6014-02	
GM V-8 7.0 L		
1998-1993 [w/Mogul Threaded Filler Neck]		
	6009-02	
1998-1993 [w/Threaded Filler Neck]		
	6014-02	
S7 S7T Series		
GM V-8 6.0 L		
1990-1988		
	6006-02	
Dodge		
Light Trucks		
Ram 1500		
V10 - 8.3L		
2006-2004		
	6016-02	
V6 - 3.7L		
2006-2004		
	6019-02	
V8 - 4.7L		
2007-2004		
	6019-02	
V8 - 5.7L		
2008		
	6023-02	
2005-2004		
	6016-02	
Ram 1500 Pickup		
V6 - 3.7L		
2003-2002		
	6019-02	
V6 - 3.9L		
2001-2000		
	6016-02	
V8 - 4.7L		
2003-2002		
	6019-02	
V8 - 5.2L		
2001-2000		
	6016-02	
V8 - 5.7L		
2003		
	6016-02	
V8 - 5.9L		
2003-2000		
	6016-02	
Ram 1500 Van		
V6 - 3.9L		
2003-2000		
	6016-02	
V8 - 5.2L		
2003-2000		
	6016-02	
V8 - 5.9L		
2003-2000		
	6016-02	
Ram 2500		
L6 - 5.9L		
2008-2004		
	6016-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Dodge (Continued)		
Light Trucks (Continued)		
Ram 2500 (Continued)		
L6 - 6.7L 2008-2007		
	6016-02	
V8 - 5.7L 2008-2007		
	6023-02	
2005-2004		
	6016-02	
Ram 2500 Pickup		
L6 - 5.9L 2003-2000		
	6016-02	
V10 - 8.0L 2003-2000		
	6016-02	
V8 - 5.7L 2003		
	6016-02	
V8 - 5.9L 2002-2000		
	6016-02	
Ram 2500 Van		
V6 - 3.9L 2001		
	6016-02	
V8 - 5.2L 2003-2000		
	6016-02	
V8 - 5.9L 2003-2000		
	6016-02	
Ram 3500		
L6 - 5.9L 2008-2004		
	6016-02	
L6 - 6.7L 2008-2007		
	6016-02	
V8 - 5.7L 2008-2007		
	6023-02	
Ram 3500 Pickup		
L6 - 5.9L 2003-2000		
	6016-02	
V10 - 8.0L 2003-2000		
	6016-02	
V8 - 5.9L 2002-2000		
	6016-02	
Ram 3500 Van		
V8 - 5.2L 2003-2000		
	6016-02	
V8 - 5.9L 2003-2000		
	6016-02	
Sprinter 2500		
V6 - 3.0L 2008		
	6020-02	
V6 - 3.5L 2008		
	6020-02	
Sprinter 3500		
V6 - 3.0L 2008		
	6020-02	

Application	Filler	Breather
Dodge (Continued)		
Light Trucks (Continued)		
Sprinter 3500 (Continued)		
V6 - 3.5L 2008		
	6020-02	
Ford		
Light Trucks		
E Super Duty		
V10 - 6.8L 2002-2000		
	6008-02	
V8 - 5.4L 2002-2000		
	6008-02	
V8 - 7.3L 2002-2000		
	6012-02	
E-150		
V8 - 4.6L 2008		
	6018-02	
2007		
	6008-02	
2006		
	6018-02	
V8 - 5.4L 2008-2006		
	6018-02	
E-150 Econoline		
V6 - 4.2L 2003-2002		
	6012-02	
2001		
	6008-02	
2000		
	6012-02	
V8 - 4.6L 2005-2004		
	6008-02	
2003		
	6018-02	
2002-2001		
	6008-02	
2000		
	6012-02	
V8 - 5.4L 2005		
	6018-02	
2004		
	6008-02	
2003		
	6012-02	
2002-2001		
	6008-02	
2000		
	6012-02	
E-250		
V8 - 4.6L 2008		
	6018-02	
2007		
	6008-02	
2006		
	6018-02	
V8 - 5.4L 2008-2006		
	6018-02	
E-250 Econoline		
V6 - 4.2L 2003-2000		
	6012-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Ford (Continued)		
Light Trucks (Continued)		
E-250 Econoline (Continued)		
V8 - 4.6L		
2005-2004		
	6008-02	
2003		
	6012-02	
V8 - 5.4L		
2005-2004		
	6018-02	
2003-2000		
	6012-02	
E-350 Econoline		
V10 - 6.8L		
2005		
	6012-02	
2004		
	6018-02	
2003-2000		
	6012-02	
V8 - 5.4L		
2005-2004		
	6018-02	
2003		
	6012-02	
2002		
	6008-02	
2001-2000		
	6012-02	
V8 - 6.0L		
2005-2004		
	6008-02	
V8 - 7.3L		
2003-2000		
	6012-02	
E-350 Super Duty		
V10 - 6.8L		
2008-2007		
	6008-02	
2006		
	6018-02	
V8 - 5.4L		
2008-2006		
	6018-02	
V8 - 6.0L		
2008-2007		
	6018-02	
2006		
	6008-02	
F-150		
V6 - 4.2L		
2008-2005		
	6008-02	
2003-2001		
	6008-02	
2000		
	6012-02	
V8 - 4.6L		
2008-2004		
	6018-02	
2003-2001		
	6008-02	
2000		
	6012-02	
V8 - 5.4L		
2008-2004		
	6018-02	
2003-2001		
	6008-02	
2000		
	6012-02	

Application	Filler	Breather
Ford (Continued)		
Light Trucks (Continued)		
F-150 Pickup		
V6 - 4.2L		
2004		
	6008-02	
V8 - 4.6L		
2004		
	6018-02	
V8 - 5.4L		
2004		
	6018-02	
F-250 Super Duty		
V10 - 6.8L		
2008-2005		
	6018-02	
2004-2002		
	6012-02	
2001		
	6008-02	
2000		
	6012-02	
V8 - 5.4L		
2008-2005		
	6018-02	
2004-2000		
	6012-02	
V8 - 6.0L		
2006-2005		
	6008-02	
2004		
	6012-02	
2003		
	6008-02	
V8 - 7.3L		
2003-2001		
	6008-02	
2000		
	6012-02	
F-350 Super Duty		
V10 - 6.8L		
2008-2005		
	6018-02	
2004-2002		
	6012-02	
2001		
	6008-02	
2000		
	6012-02	
V8 - 5.4L		
2008-2005		
	6018-02	
2004-2002		
	6012-02	
2001		
	6008-02	
2000		
	6012-02	
V8 - 6.0L		
2006-2003		
	6008-02	
V8 - 7.3L		
2003-2002		
	6012-02	
2001		
	6008-02	
2000		
	6012-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Ford (Continued)		
Medium/Heavy Trucks		
C600		
Ford V-8 6.1 L		
1982-1980		
	6010-02	
C700		
Detroit Diesel V-8 8.2 L Diesel		
1980		
	6010-02	
Ford V-8 6.1 L		
1982-1980		
	6010-02	
Ford V-8 7.0 L		
1982-1980		
	6010-02	
C7000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
C800		
Ford V-8 6.1 L		
1982-1980		
	6010-02	
Ford V-8 7.0 L		
1982-1980		
	6010-02	
C8000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
C900		
Ford V-8 7.8 L		
1981-1980		
	6010-02	
Ford V-8 8.8 L		
1981-1980		
	6010-02	
CF7000		
Cummins C Series 8.3 L Diesel		
1996-1994		
	6008-02	
CF8000		
Cummins C Series 8.3 L Diesel		
1996-1994		
	6008-02	
CFT8000		
Cummins C Series 8.3 L Diesel		
1996-1994		
	6008-02	
CT800		
Ford V-8 6.1 L		
1982-1980		
	6010-02	
Ford V-8 7.0 L		
1982-1980		
	6010-02	
CT8000		
Caterpillar 3208 Diesel		
1989-1980		
	6010-02	
CT900		
Ford V-8 7.8 L		
1980		
	6010-02	
Ford V-8 8.8 L		
1980		
	6010-02	
E350		
Ford V-8 5.8 L		
1989		
	6008-02	

Application	Filler	Breather
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
E350 (Continued)		
Ford V-8 7.5 L		
1989 [w/o Oil Filler Tube]		
		6005-01
1989 [w/Oil Filler Tube]		
	6012-02	
E450 Super Duty		
Ford V-8 5.4 L		
2005-2000		
	6008-02	
Ford V-8 7.3 L Diesel		
1998		
	6008-02	
F Super Duty		
Ford V-8 7.5 L		
1989 [w/o Oil Filler Tube]		
		6005-01
1989 [w/Oil Filler Tube]		
	6008-02	
1988		
	6008-02	
F450 Super Duty		
Ford V-10 6.8 L		
2004		
	6008-02	
1999		
	6008-02	
F550 Super Duty		
Ford V-10 6.8 L		
2004		
	6008-02	
1999		
	6008-02	
F600		
Ford 6-Cyl. 6.6 L Diesel		
1990		
		6005-01
Ford V-8 6.1 L		
1990		
	6008-02	
1982-1980		
		6005-01
Ford V-8 7.0 L		
1994		
	6008-02	
1990		
	6008-02	
F650 Super Duty		
Ford V-8 7.3 L Diesel		
2004-2000		
	6008-02	
F700		
Ford V-8 6.1 L		
1990		
		6005-01
1982-1980		
		6005-01
Ford V-8 7.0 L		
1998-1994		
	6008-02	
1990		
	6008-02	
1982-1980		
		6005-01
F750 Super Duty		
Ford V-8 7.3 L Diesel		
2004-2000		
	6008-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
F800		
Ford V-8 6.1 L		
1990		
		6005-01
1981-1980		
		6005-01
Ford V-8 7.0 L		
1999-1994		
	6008-02	
1990		
	6008-02	
1981-1980		
		6005-01
FT800		
Ford V-8 7.0 L		
1990		
	6008-02	
1989		
		6005-01
L800		
Ford V-8 6.1 L		
1981-1980		
		6005-01
Ford V-8 7.0 L		
1981-1980		
		6005-01
L8000		
Caterpillar 3208 Diesel		
1981-1980		
	6010-02	
L900		
Ford V-8 7.8 L		
1981-1980		
	6010-02	
Ford V-8 8.8 L		
1981-1980		
	6010-02	
LN600		
Ford V-8 6.1 L		
1982-1980		
		6005-01
LN700		
Ford V-8 6.1 L		
1982-1980		
		6005-01
Ford V-8 7.0 L		
1982-1980		
		6005-01
LN7000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
LN800		
Ford V-8 6.1 L		
1982-1980		
		6005-01
Ford V-8 7.0 L		
1982-1980		
		6005-01
LN8000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
Cummins C Series 8.3 L Diesel		
1993		
	6008-02	
LN900		
Ford V-8 7.8 L		
1981-1980		
	6010-02	

Application	Filler	Breather
Ford (Continued)		
Medium/Heavy Trucks (Continued)		
LN900 (Continued)		
Ford V-8 8.8 L		
1981-1980		
	6010-02	
LNT800		
Ford V-8 6.1 L		
1982-1980		
		6005-01
Ford V-8 7.0 L		
1982-1980		
		6005-01
LNT8000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
LNT900		
Ford V-8 7.8 L		
1981-1980		
	6010-02	
Ford V-8 8.8 L		
1981-1980		
	6010-02	
LT800		
Ford V-8 6.1 L		
1982-1980		
		6005-01
Ford V-8 7.0 L		
1982-1980		
		6005-01
LT8000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
LT900		
Ford V-8 7.8 L		
1981-1980		
	6010-02	
Ford V-8 8.8 L		
1981-1980		
	6010-02	
LTS800		
Ford V-8 7.0 L		
1982-1980		
		6005-01
LTS8000		
Caterpillar 3208 Diesel		
1982-1980		
	6010-02	
LTS900		
Ford V-8 7.8 L		
1981-1980		
	6010-02	
Ford V-8 8.8 L		
1981-1980		
	6010-02	
Ford-New Holland		
Tractors		
5640		
Ford 4-Cyl. 268 Diesel		
1997-1996		
	6012-02	
6640		
Ford 4-Cyl. 304 Diesel		
1997-1996		
	6012-02	
7740		
Ford 4-Cyl. 304 Diesel		
1997-1996		
	6012-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
Ford-New Holland (Continued)		
Tractors (Continued)		
8160		
Genesis 6-Cyl. 456 Diesel 1999-1998		
	6012-02	
1996		
	6012-02	
8360		
Genesis 6-Cyl. 456 Diesel 1999-1998		
	6012-02	
1996		
	6012-02	
8670		
Genesis 6-Cyl. 456 Diesel 2002-1998		
	6012-02	
1996-1993		
	6012-02	
8770		
Genesis 6-Cyl. 456 Diesel 2002-1998		
	6012-02	
1996-1993		
	6012-02	
8870		
Genesis 6-Cyl. 456 Diesel 2002-1998		
	6012-02	
1996-1993		
	6012-02	
8970		
Genesis 6-Cyl. 456 Diesel 2002-1998		
	6012-02	
1996-1993		
	6012-02	
GMC		
Light Trucks		
C2500		
V8 - 5.7L 2000		
	6014-02	
V8 - 6.5L 2000		
	6011-02	
V8 - 7.4L 2000		
	6017-02	
C3500		
V8 - 5.7L 2000		
	6014-02	
V8 - 6.5L 2002-2000		
	6011-02	
V8 - 7.4L 2000		
	6017-02	
V8 - 8.1L 2002-2001		
	6017-02	
K2500		
V8 - 5.7L 2000		
	6014-02	
V8 - 6.5L 2000		
	6011-02	

Application	Filler	Breather
GMC (Continued)		
Light Trucks (Continued)		
K2500 (Continued)		
V8 - 7.4L 2000		
	6017-02	
K3500		
V8 - 5.7L 2000		
	6014-02	
V8 - 6.5L 2000		
	6011-02	
V8 - 7.4L 2000		
	6017-02	
Safari		
V6 - 4.3L 2005-2000		
	6017-02	
Savana 1500		
V6 - 4.3L 2008-2003		
	6011-02	
2002-2000		
	6017-02	
V8 - 5.0L 2002-2000		
	6017-02	
V8 - 5.3L 2008-2003		
	6011-02	
V8 - 5.7L 2002-2000		
	6017-02	
Savana 2500		
V6 - 4.3L 2005-2003		
	6011-02	
2002-2000		
	6017-02	
V8 - 4.8L 2008-2003		
	6011-02	
V8 - 5.0L 2002-2000		
	6017-02	
V8 - 5.3L 2005-2003		
	6011-02	
V8 - 5.7L 2002-2000		
	6017-02	
V8 - 6.0L 2008-2003		
	6011-02	
V8 - 6.5L 2002-2000		
	6011-02	
V8 - 6.6L 2008-2006		
	6011-02	
Savana 3500		
V8 - 4.8L 2008-2004		
	6011-02	
V8 - 5.7L 2002-2000		
	6017-02	
V8 - 6.0L 2008-2003		
	6011-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
GMC (Continued)		
Light Trucks (Continued)		
Savana 3500 (Continued)		
V8 - 6.5L		
2002-2000		
	6011-02	
V8 - 6.6L		
2008-2006		
	6011-02	
V8 - 7.4L		
2000		
	6017-02	
V8 - 8.1L		
2002-2001		
	6017-02	
Sierra 1500		
V6 - 4.3L		
2008-2000		
	6011-02	
V8 - 4.8L		
2008-2000		
	6011-02	
V8 - 5.3L		
2008-2000		
	6011-02	
V8 - 6.0L		
2008-2006		
	6011-02	
Sierra 1500 HD		
V8 - 6.0L		
2007-2005		
	6011-02	
2003-2001		
	6011-02	
Sierra 2500		
V8 - 5.3L		
2000		
	6011-02	
V8 - 6.0L		
2004-2000		
	6011-02	
Sierra 2500 HD		
V8 - 6.0L		
2008-2001		
	6011-02	
V8 - 6.6L		
2008-2001		
	6011-02	
V8 - 8.1L		
2007		
	6011-02	
2006-2005		
	6017-02	
2004-2003		
	6011-02	
2002-2001		
	6017-02	
Sierra 3500		
V8 - 6.0L		
2007-2001		
	6011-02	
V8 - 6.6L		
2007-2001		
	6011-02	
V8 - 8.1L		
2007-2003		
	6011-02	
2002-2001		
	6017-02	

Application	Filler	Breather
GMC (Continued)		
Light Trucks (Continued)		
Sierra 3500 HD		
V8 - 6.0L		
2008-2007		
	6011-02	
V8 - 6.6L		
2008-2007		
	6011-02	
Sierra C3		
V8 - 6.0L		
2001		
	6011-02	
Sierra Denali		
V8 - 6.0L		
2007-2002		
	6011-02	
V8 - 6.2L		
2008		
	6011-02	
Medium/Heavy Trucks		
C5000		
GM 6-Cyl. 4.8 L		
1986-1980		
	6003-02	
GM V-8 5.7 L		
1990-1980		
	6006-02	
GM V-8 6.0 L		
1990		
	6014-02	
C5500		
GM V-8 6.0 L		
1998-1997		
	6014-02	
GM V-8 7.0 L		
1998-1997		
	6014-02	
GM V-8 7.4 L		
2000-1999		
	6017-02	
GM V-8 8.1 L		
2002-2001		
	6017-02	
C6000		
GM 6-Cyl. 4.8 L		
1986-1980		
	6003-02	
GM V-8 5.7 L		
1990-1980		
	6006-02	
GM V-8 6.0 L		
1990		
	6014-02	
1989-1980		
	6006-02	
C6500		
GM V-8 6.0 L		
1998-1997		
	6014-02	
GM V-8 7.0 L		
1998-1997		
	6014-02	
GM V-8 7.4 L		
2000-1999		
	6017-02	
GM V-8 8.1 L		
2002-2001		
	6017-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
GMC (Continued)		
Medium/Heavy Trucks (Continued)		
C7000		
GM V-8 6.0 L		
1990		
	6014-02	
1989-1980		
	6006-02	
GM V-8 7.0 L		
1990		
	6014-02	
1989-1980		
	6006-02	
GM V-8 7.4 L		
1981-1980		
	6006-02	
C7500		
GM V-8 6.0 L		
1998-1997		
	6014-02	
GM V-8 7.0 L		
1998-1997		
	6014-02	
GM V-8 7.4 L		
2000-1999		
	6017-02	
GM V-8 8.1 L		
2002-2001		
	6017-02	
Forward W4		
Isuzu 4BD1 Diesel		
1987-1986		
	6006-02	
P3500		
GM V-8 6.5 L Diesel		
1996-1994		
	6003-02	
P4T042		
GM 6-Cyl. 4.8 L		
1988-1980		
	6003-02	
P6T042		
GM V-8 5.7 L		
1990-1983		
	6006-02	
GM V-8 6.0 L		
1990-1983		
	6006-02	
GM V-8 7.0 L		
1990-1987		
	6006-02	
Topkick C5500		
GM V-8 6.0 L		
1996-1991		
	6014-02	
GM V-8 7.0 L		
1996-1991		
	6014-02	
Topkick C6500		
Caterpillar 3116 Diesel		
1996-1991		
	6014-02	
GM V-8 6.0 L		
1996-1991		
	6014-02	
GM V-8 7.0 L		
1996-1991		
	6014-02	
Topkick C7500		
Caterpillar 3116 Diesel		
1996-1991		
	6014-02	

Application	Filler	Breather
GMC (Continued)		
Medium/Heavy Trucks (Continued)		
Topkick C7500 (Continued)		
GM V-8 6.0 L		
1996-1991		
	6014-02	
GM V-8 7.0 L		
1996-1991		
	6014-02	
Topkick C8500		
Caterpillar 3116 Diesel		
1996-1991		
	6014-02	
GM V-8 6.0 L		
1991		
	6014-02	
GM V-8 7.0 L		
1991		
	6014-02	
W6		
GM V-8 5.7 L		
1980		
	6006-02	
GM V-8 6.0 L		
1980		
	6006-02	
W7		
GM V-8 6.0 L		
1980		
	6006-02	
GM V-8 7.0 L		
1980		
	6006-02	
School Buses		
B6000 B6P Series		
GM V-8 5.7 L		
1990-1980		
	6006-02	
GM V-8 6.0 L		
1991-1980		
	6006-02	
GM V-8 7.0 L		
1985-1980		
	6006-02	
B7 Series		
Caterpillar 3116 Diesel		
2000-1999 [w/Threaded Filler Neck]		
	6014-02	
1993		
	6009-02	
GM V-8 6.0 L		
1998-1993 [w/Mogul Threaded Filler Neck]		
	6009-02	
1998-1993 [w/Threaded Filler Neck]		
	6014-02	
GM V-8 6.5 L Diesel		
1998-1997 [w/Mogul Threaded Filler Neck]		
	6009-02	
1998-1997 [w/Threaded Filler Neck]		
	6014-02	
GM V-8 7.0 L		
1998-1995 [w/Mogul Threaded Filler Neck]		
	6009-02	
1993 [w/Mogul Threaded Filler Neck]		
	6009-02	
1998-1995 [w/Threaded Filler Neck]		
	6014-02	
1993 [w/Threaded Filler Neck]		
	6014-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Oil Cap Applications

Application	Filler	Breather
GMC (Continued)		
School Buses (Continued)		
S7000 S7T Series		
GM V-8 6.0 L 1992-1988		
	6006-02	
International/Navistar		
Medium/Heavy Trucks		
1452 SC		
International/Navistar V-8 6.9 L Diesel 1988-1987		
	6003-02	
International/Navistar V-8 7.3 L Diesel 1990-1988		
	6003-02	
1624		
International/Navistar V345 1982-1980		
	6003-02	
1652 SC		
International/Navistar V-8 6.9 L Diesel 1988		
	6003-02	
International/Navistar V-8 7.3 L Diesel 1990-1988		
	6003-02	
1654		
International/Navistar V-8 6.9 L Diesel 1988-1983		
	6003-02	
International/Navistar V-8 7.3 L Diesel 1989-1988		
	6003-02	
1724		
International/Navistar MV404 1982-1980		
	6003-02	
International/Navistar V345 1984-1980		
	6003-02	
International/Navistar V392 1984-1980		
	6003-02	
1824		
International/Navistar MV446 1981-1980		
	6003-02	
International/Navistar V345 1984-1980		
	6003-02	
International/Navistar V392 1984-1980		
	6003-02	
1924		
International/Navistar MV404 1982-1980		
	6003-02	
International/Navistar MV446 1981-1980		
	6003-02	
1925		
International/Navistar MV404 1981-1980		
	6003-02	
International/Navistar MV446 1981-1980		
	6003-02	
School Buses		
3700		
International/Navistar T444 Diesel 1995		
	6003-02	

Application	Filler	Breather
International/Navistar (Continued)		
School Buses (Continued)		
3700 (Continued)		
International/Navistar V-8 7.3 L Diesel 1994-1991		
	6003-02	
3800		
International/Navistar T444 Diesel 1995		
	6003-02	
International/Navistar V-8 7.3 L Diesel 1994		
	6003-02	
Isuzu		
Medium/Heavy Trucks		
KS		
Isuzu 4BD1 Diesel 1985		
	6013-02	
NPR		
GM V-8 5.7 L 1999-1993		
	6014-02	
Isuzu 4BD1 Diesel 1991		
	6013-02	
1986		
	6006-02	
Isuzu 4BD1-T Diesel 1989		
	6013-02	
Isuzu 4BD2-TC Diesel 1998-1992		
	6013-02	
Isuzu 4HE1-TC Diesel 2002-1998		
	6013-02	
NQR		
Isuzu 4HE1-TC Diesel 2001-1999		
	6013-02	
Mazda		
Light Trucks		
B2300		
L4 - 2.3L 2008-2006		
	6022-02	
2005-2001		
	6008-02	
B2500		
L4 - 2.5L 2001-2000		
	6008-02	
B3000		
V6 - 3.0L 2007		
	6018-02	
2006-2005		
	6008-02	
2004-2001		
	6018-02	
2000		
	6008-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

Application	Filler	Breather
Mazda (Continued)		
Light Trucks (Continued)		
B4000		
V6 - 4.0L		
2007		
	6018-02	
2006-2004		
	6008-02	
2003-2002		
	6018-02	
2001-2000		
	6008-02	
New Holland		
Combines		
TR89		
Genesis 6-Cyl. 456 Diesel		
2002-1999		
	6012-02	
TR98		
Genesis 6-Cyl. 456 Diesel		
1998-1996		
	6012-02	
TR99		
Genesis 6-Cyl. 456 Diesel		
2002-1999		
	6012-02	
Tractors		
TS100		
Genesis 4-Cyl. 304 Diesel		
2003-1998		
	6012-02	
TS110		
Genesis 4-Cyl. 304 Diesel		
2003-1998		
	6012-02	
TV140		
Genesis 6-Cyl. 456 Diesel		
2000-1998		
	6012-02	
Nissan		
Light Trucks		
Titan		
V8 - 5.6L		
2008-2004		
	6015-02	
Toyota		
Light Trucks		
Tundra		
V6 - 3.4L		
2004-2000		
	6007-02	
V6 - 4.0L		
2008-2005		
	6021-02	
V8 - 4.7L		
2008-2000		
	6007-02	
V8 - 5.7L		
2008		
	6021-02	

Refer to pages 283-284 for Universal Oil Plugs by dimensions

HEAVY DUTY FUEL CAPS

2001-11 Non-Locking — **Locking 2501-11**



Male thread on cap to fit female thread on tank filler neck. Thread size 2 1/8” x 12”. Fuse plugs, chain and anchor bar.



2002-00 Non-Locking — **Locking 2502-00**



Female thread to fit male thread on tank filler neck. Thread size 2 1/2” x 8”. Fuse plugs, chain and anchor bar.



2003-11 Non-Locking — **Locking 2503-11**



Female thread to fit male thread on filler neck. Thread size 2” x 11 1/2”. Fuse plugs, chain and anchor bar.



2004-11 Non-Locking — **Locking 2504-11**



Bayonet type. Three cam type. Fits 3 cam 3 3/8” I.D., ordnance type filler neck. Chain and anchor bar.



2005-00 Non-Locking — **Locking 2505-00**



Male thread to fit female thread neck on tank. Thread size 4 1/4” x 12 NS. Fuse plugs, chain and anchor bar.



2006-11 Non-Locking — **Locking 2506-11**



Female thread to fit male thread on filler neck. Thread size 3 1/2” x 5 1/2” spec. thread. Fuse plugs, chain and anchor bar.



2007-00 Non-Locking — **Locking 2507-00**



Female thread thread to fit male thread on filler neck. Thread size 4” x 8 NPSM. Fuse plugs, chain and anchor plug.



2008-00 Non-Locking — **Locking 2508-00**



Male thread to fit female threaded filler neck on tank. Thread size 4 1/4” x 8 NS. Fuse plugs, chain and anchor bar.



HEAVY DUTY OIL PLUGS

6024-02



Size - 1”

6025-02



Size - 1 1/4”

6026-02



Size - 1 1/4”

6027-02



Size - 1 3/8”

6028-02



Size - 1 3/8”

6029-02



Size - 1 1/2”

6030-02



Size - 1 5/8”

6031-02



Size - 1 3/4”

6032-02



Size - 1 7/8”

6033-02



Size - 2”

6034-02



Size - 2”

6035-02



Size - 2 1/4”

6036-02



Size - 2 3/8”

6037-02



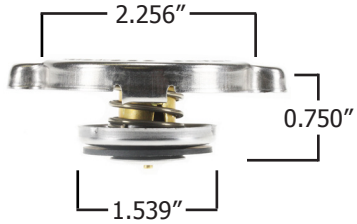
Size - 2 1/2”

HEAVY DUTY OIL PLUGS

OE Interchange

OE No.	MotoRad HD No.
Allis Chalmers	
AC 70694823	6027-02
AC 438525	6029-02
AC 4630408	6031-02
AC 1190561	6033-02
AC 3046080-02	6034-02
AC 4386863	6035-02
Bucyrus-Erie	
8213191VE	6034-02
Case Corp.	
44141-4	6024-02
A180978	6025-02
902245Tl	6027-02
336079R91	6029-02
A77424	6033-02
303761R91	6033-02
Caterpillar	
9L1756	6033-02
Clark	
6515779	6024-02
Chrysler	
595540	6029-02
Cummins	
203877	6025-02
200284	6029-02
101322	6033-02
107981	6034-02
3003718	6035-02
Detroit Diesel	
DD 5121387	6029-02
DD 5120098	6031-02
DD 5117362	6033-02
Detroit Diesel	
2504-A6-1	6033-02
Eastern Grey Hound	
5117362	6033-02
GBK-9106	6034-02
Freightliner	
44209-2	6027-02
44165-5	6029-02
44098-3	6033-02
G.M.C.	
665370	6025-02
513187	6029-02
Greyhound	
11C-7-17	6024-02
MMC-4090	6035-02
Hercules	
WO60501-00	6024-02
33778-A	6027-02
W175201-000	6033-02
John Deere	
AT-12662-T	6025-02
44165-5	6029-02
AT44844	6030-02
44052-2	6037-02
Kenworth	
76413	6025-02
K071-313	6029-02
05-5843	6033-02
Komatsu Dresser	
179178-H1	6027-02
303761-R91	6033-02
Mack Trucks	
222GB135A	6028-02
222GB213	6028-02
222GB27	6033-02
222GB27A	6033-02
222GB177	6034-02
222GB214	6034-02
Massey Ferguson	
705-605-M1	6025-02
Motor Coach Ind.	
11C-7-17	6024-02
8F-10-6	6034-02
Navistar International Corp.	
436396C1	6025-02
474617R1	6027-02
336079R91	6029-02
303761R91	6033-02
New Holland	
C9NN6N609A	6025-02
C7NN6N609B	6025-02
D5NN6N609A	6026-02
Oshkosh Truck	
2004530	6024-02
Paccar	
76413	6025-02
05-5843	6034-02
Peterbilt	
05-5843	6033-02
Ray-Go	
208202	6033-02
Rex Chainbelt	
298-00218-47	6033-02
297-00218-47	6027-02
Taylor Machine Works	
2718-100	6033-02
Terex	
5117362	6033-02
Volvo-GM	
4682253	6027-02
517934	6033-02
Y569405	6034-02
Wabco	
VN-5724	6024-02
VD-4598	6033-02
Wagner Mining Scoop Co.	
V-1221-A	6033-02
Warner & Swasey	
8530-1169	6035-02
Waukesha Motor	
176917	6029-02
4001 420-20	6035-02
Western Star	
02-7068666	6029-02
517934	6033-02
569405	6034-02
White (Motors)	
517934	6033-02

1001-04 1001-16
1001-07 1001-18
1001-09 1001-20
1001-13



1001-04

Case 1977
David Brown 1980-1971
Fordson 1964-1953
Oliver 1974-1966
Oliver 1963-1946
Oliver 1944-1942

1001-07

Allis-Chalmers 1985-1981
Belarus 1998-1996
Case 1979
Case 1976-1975
Case IH 2006-2002
Case IH 2000-1999
Case IH 1997
Case IH 1992-1987
Case IH 1985
Caterpillar 1997
Chevrolet 1987-1984
David Brown 1980-1961
Deutz-Allis 1989-1985
Ferguson 1957-1947
Ford 1999-1961
Ford-New Holland 1997-1995
Ford-New Holland 1993-1990
Ford-New Holland 1988-1982
GMC 1987-1984
Hesston 1987
Hesston 1985-1981
International Harvester 1985-1983
International Harvester 1981-1947
International/Navistar 1978-1972
Isuzu 2001-2000
Isuzu 1997-1987
John Deere 2002-1985
Long 2001
Long 1999-1990
Massey Ferguson 2007
Massey Ferguson 2000-1999
Massey Ferguson 1993-1956
Minneapolis-Moline 1969-1964
New Holland 1996-1994
Oliver 1975-1962
Studebaker 1955
White 1993
White 1991-1972
Zetor 2005-2001
Zetor 1999-1998
Zetor 1995-1993

1001-04 1001-16
1001-07 1001-18
1001-09 1001-20
1001-13
(Continued)

1001-09

AGCO 2002
AGCO 2000-1998
Case 1983-1982
Case 1980
Case IH 2007-2004
Case IH 2002
Case IH 1996
Case IH 1993-1991
Case IH 1989-1985
Chevrolet 2003-1975
Ford-New Holland 2002-1996
Ford-New Holland 1992-1989
Gleaner 1979-1978
GMC 2002-1978
Hesston 1990-1989
International Harvester 1985-1982
International Harvester 1980
International/Navistar 1992
Isuzu 2002-1997
John Deere 2003-1994
John Deere 1992-1991
John Deere 1989
Massey Ferguson 2005-1971
New Holland 2007-2006
New Holland 2003-1999
White 2001-1998
White 1995-1994
White 1992

1001-13

AGCO 2000-1999
AGCO 1997
Allis-Chalmers 1984-1981
Branson Tractors 2007
Case 1982
Case 1979
Case 1976-1975
Case IH 2007
Case IH 1993
Case IH 1991-1990
Case IH 1987-1985
Caterpillar 2000-1998
Deutz-Allis 1991-1986
Ford 1989-1988
Ford 1986-1985
Ford 1983-1976
Ford-New Holland 2002-1982
Gleaner 2001-1996
International Harvester 1988-1982
International Harvester 1979
International Harvester 1977
International/Navistar 1990-1978
John Deere 2007-2006
John Deere 2002-1990
John Deere 1988-1987
John Deere 1985-1978
John Deere 1960-1958
Kubota 2002-1975
Long 2002
Long 1998-1997

1001-04 1001-16
1001-07 1001-18
1001-09 1001-20
1001-13
(Continued)

1001-13 (Continued)

Mahindra 2007-2006
Massey Ferguson 2003-2000
Massey Ferguson 1991-1988
Massey Ferguson 1986-1983
Massey Ferguson 1981
Massey Ferguson 1979
New Holland 2007-1996
White 1987-1986
Zetor 2000

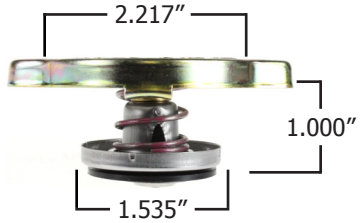
1001-16

Case IH 2001-1994
Case IH 1992-1986
Chevrolet 2000
Chevrolet 1995
Chevrolet 1984-1980
Dodge 2009-2000
Ford 1984-1981
Ford 1975
Ford-New Holland 1997-1993
Ford-New Holland 1991
Ford-New Holland 1986
Ford-New Holland 1983
Gleaner 1987
Gleaner 1985-1977
GMC 2002
GMC 2000
GMC 1996-1994
GMC 1988-1975
Isuzu 1989
John Deere 2007
Massey Ferguson 2002-2000
Massey Ferguson 1997-1991
Massey Ferguson 1985
White 1988-1986
White 1982-1974

1001-18

Dodge 2006
Dodge 2003-2000

1002-05 1002-07



1002-05

Ford 1952-1947
Oliver 1961-1960

1002-07

Allis-Chalmers 1981-1978
Allis-Chalmers 1976
Allis-Chalmers 1974
Allis-Chalmers 1967-1955

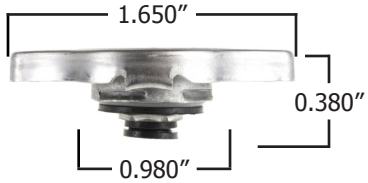
1002-05 1002-07

(Continued)

1002-07 (Continued)

John Deere 1985-1978
John Deere 1976-1958
Minneapolis-Moline 1965-1957
Studebaker 1955
White 1986-1984
White 1980
Zetor 2004-1991

1003-13 1003-16



1003-13

Case IH 2007-2006
Kubota 2008-2006
Kubota 2003-1998
New Holland 2007-2006
New Holland 2003-2002
Toyota 2006-2000

1003-16

Massey Ferguson 2002
Toyota 2008-2007

1004-15 1004-16



1004-16

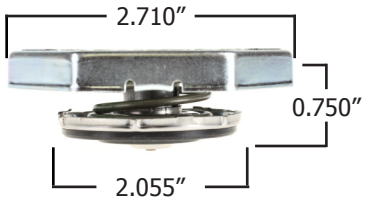
Ford 2008-1998
Mazda 2008-2003
Nissan 2007-2004

1005-16



Chevrolet 2009-2000
GMC 2008-2000

1006-04 1006-10 1006-07 1006-15



1006-04

Ferguson 1956-1948
International Harvester 1967-1961
International Harvester 1956-1942
Massey Ferguson 1975
Massey Ferguson 1973-1970

1006-07

Belarus 1997-1996
Caterpillar 2000-1999
Caterpillar 1997-1995
Ford 1980-1979
Gleaner 1987
Gleaner 1985
Gleaner 1981-1979
Gleaner 1977
John Deere 1997-1970
Massey Ferguson 1997-1990
White 1999-1998
White 1995-1976

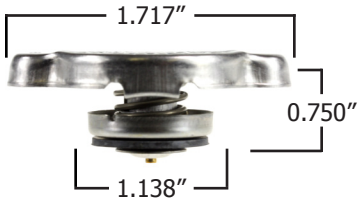
1006-10

Case 1987
Case 1985-1984
Case 1982-1980
Case 1978-1977
Case IH 1986-1985
Caterpillar 1998
International Harvester 1980-1979
John Deere 2002-1999

1006-15

AGCO 1999
AGCO 1997-1996
John Deere 1989-1979
Massey Ferguson 2000-1999
White 2001-1996

1007-09 1007-16 1007-13



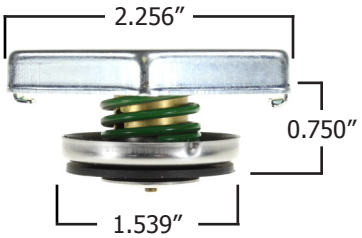
1007-13

Branson Tractors 2007
Case IH 2007-2006
Case IH 2001
Ford-New Holland 1998
John Deere 2007
John Deere 1999-1989
Kubota 2008-2006
Kubota 2003
Kubota 2001-1994
Long 2004-1997
Mahindra 2007-2006
Montana Tractors 2008-2007
New Holland 2007-2006
New Holland 2002-1999

1007-16

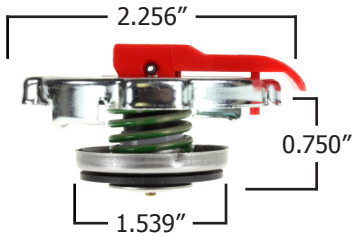
AGCO 2001
Isuzu 1998-1991
Massey Ferguson 2007
Massey Ferguson 2003-2000
Massey Ferguson 1995
Massey Ferguson 1993
Mazda 2008-2000

1008-16



Chevrolet 2005-2000
Chevrolet 1979-1978
Dodge 2001-2000
GMC 2005-2000
New Holland 2000-1999

1501-04 1501-16 1501-07 1501-18 1501-09 1501-20 1501-13



1501-04

Case	1977
David Brown	1980-1971
Fordson	1964-1953
Oliver	1974-1966
Oliver	1963-1946
Oliver	1944-1942

1501-07

Allis-Chalmers	1985-1981
Belarus	1998-1996
Case	1979
Case	1976-1975
Case IH	2006-2002
Case IH	2000-1999
Case IH	1997
Case IH	1992-1987
Case IH	1985
Caterpillar	1997
Chevrolet	1987-1984
David Brown	1980-1961
Deutz-Allis	1989-1985
Ferguson	1957-1947
Ford	1999-1961
Ford-New Holland	1997-1995
Ford-New Holland	1993-1990
Ford-New Holland	1988-1982
GMC	1987-1984
Hesston	1987
Hesston	1985-1981
International Harvester	1985-1983
International Harvester	1981-1947
International/Navistar	1978-1972
Isuzu	2001-2000
Isuzu	1997-1987
John Deere	2002-1985
Long	2001
Long	1999-1990
Massey Ferguson	2007
Massey Ferguson	2000-1999
Massey Ferguson	1993-1956
Minneapolis-Moline	1969-1964
New Holland	1996-1994
Oliver	1975-1962
Studebaker	1955
White	1993
White	1991-1972
Zetor	2005-2001
Zetor	1999-1998
Zetor	1995-1993

1501-04 1501-16 1501-07 1501-18 1501-09 1501-20 1501-13

(Continued)

1501-09

AGCO	2002
AGCO	2000-1998
Case	1983-1982
Case	1980
Case IH	2007-2004
Case IH	2002
Case IH	1996
Case IH	1993-1991
Case IH	1989-1985
Chevrolet	2003-1975
Ford-New Holland	2002-1996
Ford-New Holland	1992-1989
Gleaner	1979-1978
GMC	2002-1978
Hesston	1990-1989
International Harvester	1985-1982
International Harvester	1980
International/Navistar	1992
Isuzu	2002-1997
John Deere	2003-1994
John Deere	1992-1991
John Deere	1989
Massey Ferguson	2005-1971
New Holland	2007-2006
New Holland	2003-1999
White	2001-1998
White	1995-1994
White	1992

1501-13

AGCO	2000-1999
AGCO	1997
Allis-Chalmers	1984-1981
Branson Tractors	2007
Case	1982
Case	1979
Case	1976-1975
Case IH	2007
Case IH	1993
Case IH	1991-1990
Case IH	1987-1985
Caterpillar	2000-1998
Deutz-Allis	1991-1986
Ford	1989-1988
Ford	1986-1985
Ford	1983-1976
Ford-New Holland	2002-1982
Gleaner	2001-1996
International Harvester	1988-1982
International Harvester	1979
International Harvester	1977
International/Navistar	1990-1978
John Deere	2007-2006
John Deere	2002-1990
John Deere	1988-1987
John Deere	1985-1978
John Deere	1960-1958
Kubota	2002-1975
Long	2002
Long	1998-1997
Mahindra	2007-2006

1501-04 1501-16 1501-07 1501-18 1501-09 1501-20 1501-13

(Continued)

1501-13 (Continued)

Massey Ferguson	2003-2000
Massey Ferguson	1991-1988
Massey Ferguson	1986-1983
Massey Ferguson	1981
Massey Ferguson	1979
New Holland	2007-1996
White	1987-1986
Zetor	2000

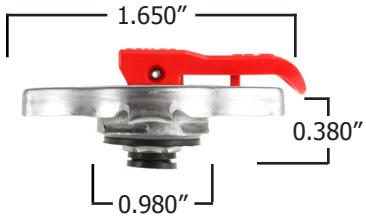
1501-16

Case IH	2001-1994
Case IH	1992-1986
Chevrolet	2000
Chevrolet	1995
Chevrolet	1984-1980
Dodge	2009-2000
Ford	1984-1981
Ford	1975
Ford-New Holland	1997-1993
Ford-New Holland	1991
Ford-New Holland	1986
Ford-New Holland	1983
Gleaner	1987
Gleaner	1985-1977
GMC	2002
GMC	2000
GMC	1996-1994
GMC	1988-1975
Isuzu	1989
John Deere	2007
Massey Ferguson	2002-2000
Massey Ferguson	1997-1991
Massey Ferguson	1985
White	1988-1986
White	1982-1974

1501-18

Dodge	2006
Dodge	2003-2000

1503-13 1503-16



1503-13

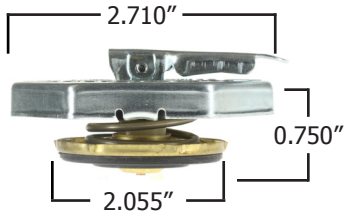
Case IH	2007-2006
Kubota	2008-2006
Kubota	2003-1998
New Holland	2007-2006
New Holland	2003-2002
Toyota	2006-2000

1503-13 1503-16

(Continued)
1503-16 (Continued)

Massey Ferguson	2002
Toyota	2008-2007

1506-04 1506-10 1506-07 1506-15



1506-04

Ferguson	1956-1948
International Harvester	1967-1961
International Harvester	1956-1942
Massey Ferguson	1975
Massey Ferguson	1973-1970

1506-07

Belarus	1997-1996
Caterpillar	2000-1999
Caterpillar	1997-1995
Ford	1980-1979
Gleaner	1987
Gleaner	1985
Gleaner	1981-1979
Gleaner	1977
John Deere	1997-1970
Massey Ferguson	1997-1990
White	1999-1998
White	1995-1976

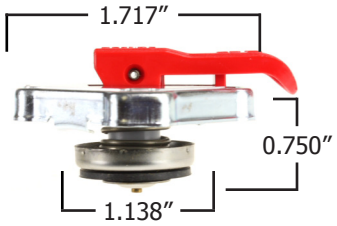
1506-10

Case	1987
Case	1985-1984
Case	1982-1980
Case	1978-1977
Case IH	1986-1985
Caterpillar	1998
International Harvester	1980-1979
John Deere	2002-1999

1506-15

AGCO	1999
AGCO	1997-1996
John Deere	1989-1979
Massey Ferguson	2000-1999
White	2001-1996

1507-09 1507-16 1507-13



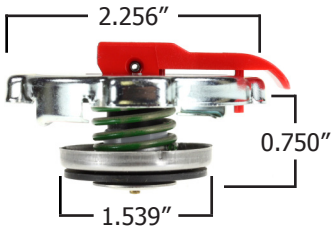
1507-13

Branson Tractors	2007
Case IH	2007-2006
Case IH	2001
Ford-New Holland	1998
John Deere	2007
John Deere	1999-1989
Kubota	2008-2006
Kubota	2003
Kubota	2001-1994
Long	2004-1997
Mahindra	2007-2006
Montana Tractors	2008-2007
New Holland	2007-2006
New Holland	2002-1999

1507-16

AGCO	2001
Isuzu	1998-1991
Massey Ferguson	2007
Massey Ferguson	2003-2000
Massey Ferguson	1995
Massey Ferguson	1993
Mazda	2008-2000

1508-16



1508-16

Chevrolet	2005-2000
Chevrolet	1979-1978
Dodge	2001-2000
GMC	2005-2000
New Holland	2000-1999

2001-11



Chevrolet	1991-1983
Chevrolet	1979
GMC	1992-1983
GMC	1979-1978
International/Navistar	1993-1991
International/Navistar	1981

2003-11



Ford	1998-1990
Ford	1982-1980

2004-11



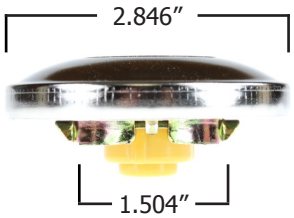
Case	1988-1985
Case	1983-1982
Case	1980-1979
Case	1977
Case IH	1988-1985
Ford	1980-1978
Gleaner	1988-1977
John Deere	1994-1992
John Deere	1990-1986
John Deere	1983-1982
John Deere	1979
Massey Ferguson	1990-1986
White	1986-1984

2007-00



GMC	1988-1980

2009-11



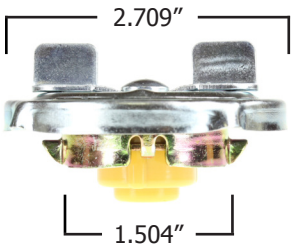
Allis-Chalmers	1980-1978
Allis-Chalmers	1976-1942
Case	1977-1975
Case	1969-1962
Chevrolet	1982-1975
Ford	1999-1997
Ford	1994
Ford	1986-1954
Ford	1952-1947
Ford-New Holland	2003-1981
Gleaner	1967-1964
John Deere	1999-1954
Massey Ferguson	1987-1956
Minneapolis-Moline	1970-1959
Studebaker	1955
White	1987-1978

2010-00



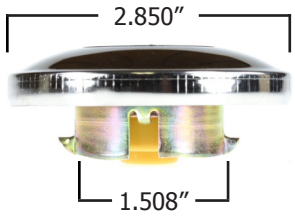
Case	1970-1961
International Harvester	1984-1942
Massey Ferguson	1985-1984
Oliver	1975-1958
White	1992-1972

2011-11



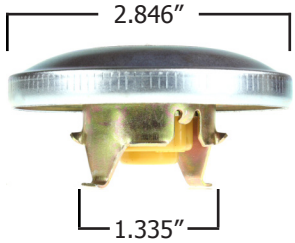
Case	1961-1960
Minneapolis-Moline	1965-1964

2012-11



Ford	1982-1980
International/Navistar	1981

2013-11



Chevrolet	1978

2014-11



Chevrolet	2008-2000
Chevrolet	1995
Chevrolet	1979
Ford	2008-2000
Ford	1988
GMC	2008-2000
GMC	1995-1994
Mazda	2002-2001
Toyota	2008-2007
Toyota	2002-2000

2015-11



Ford	2004-1998
Mazda	2003-2000

2016-11



Ford 2001

2017-11



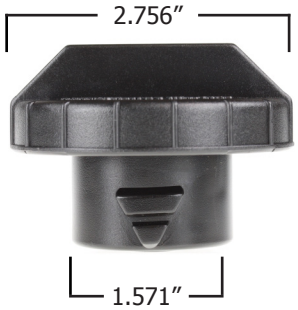
Chevrolet 2005-2000
GMC 2005-2000
Isuzu 1998

2018-11



Dodge 2009-2000
Nissan 2009-2004

2019-11



Toyota 2006-2003

2020-01



Ford 2009-2004
Mazda 2008-2003

2021-01



Chevrolet 2009-2004
GMC 2009-2004

2501-11



Chevrolet 1991-1983
Chevrolet 1979
GMC 1992-1983
GMC 1979-1978
International/Navistar 1993-1991
International/Navistar 1981

2503-11



Ford 1998-1990
Ford 1982-1980

2504-11



Case 1988-1985
Case 1983-1982
Case 1980-1979
Case 1977
Case IH 1988-1985
Ford 1980-1978
Gleaner 1988-1977
John Deere 1994-1992
John Deere 1990-1986
John Deere 1983-1982
John Deere 1979
Massey Ferguson 1990-1986
White 1986-1984

2507-00



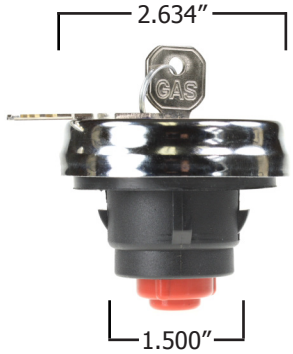
GMC 1988-1980

2509-11



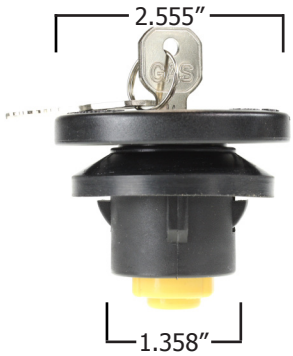
Allis-Chalmers 1980-1978
Allis-Chalmers 1976-1942
Case 1977-1975
Case 1969-1960
Chevrolet 1982-1975
Ford 1999-1997
Ford 1994
Ford 1986-1954
Ford 1952-1947
Ford-New Holland 2003-1981
Gleaner 1967-1964
John Deere 1999-1954
Massey Ferguson 1987-1956
Minneapolis-Moline 1970-1959
Studebaker 1955
White 1987-1978

2512-11



Ford	1982-1980
International/Navistar	1981

2513-11



Case	1970-1961
Chevrolet	1978
International Harvester	1984-1942
Massey Ferguson	1985-1984
Oliver	1975-1958
White	1992-1972

2514-11



Chevrolet	2008-2000
Chevrolet	1995
Chevrolet	1979
Ford	2008-2000
Ford	1988
GMC	2008-2000
GMC	1995-1994
Mazda	2002-2001
Toyota	2008-2007
Toyota	2002-2000

2515-11



Ford	2004-1998
Mazda	2003-2000

2516-11



Ford	2001

2517-11



Chevrolet	2005-2000
GMC	2005-2000
Isuzu	1998

2518-11



Dodge	2009-2000
Nissan	2009-2004

2519-11



Toyota	2006-2003

2520-01



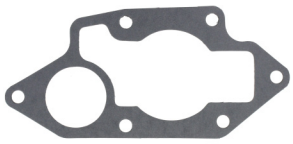
Ford	2009-2004
Mazda	2008-2003

2521-01



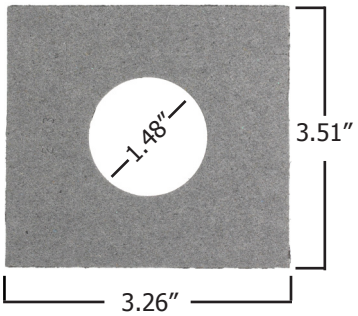
Chevrolet	2009-2004
GMC	2009-2004

3001-01



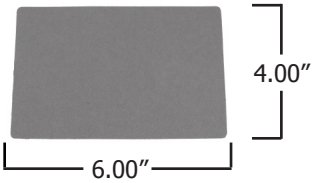
Dodge 2003-2000

3002-01



Allis-Chalmers 1976-1942
Allis-Chalmers ..... <All>
Autocar 1995-1988
Autocar 1985
Autocar 1980-1979
Case 1971-1955
Case 1953-1952
Chevrolet 1975-1966
Diamond Reo 1969-1967
Dodge 2003
Dodge 1973-1969
Duplex 1965-1953
F.W.D. 1956-1937
Gleaner 1969-1957
Gleaner 1954-1953
International Harvester 1988-1947
International/Navistar 1975-1969
John Deere 1975-1952
Reo 1967-1950
Ward La France 1960-1958
Winnebago 1988

3003-01



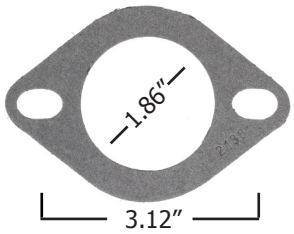
Allis-Chalmers 1976-1942
Allis-Chalmers ..... <All>
Autocar 1995-1988
Autocar 1985
Autocar 1980-1979
Case 1971-1955
Case 1953-1952
Chevrolet 1975-1966
Diamond Reo 1969-1967

3003-01

(Continued)

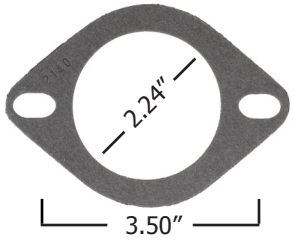
Dodge 1973-1969
Duplex 1965-1953
F.W.D. 1956-1937
Gleaner 1969-1957
Gleaner 1954-1953
International Harvester 1988-1947
International/Navistar 1975-1969
John Deere 1975-1952
Reo 1967-1950
Ward La France 1960-1958
Winnebago 1988

3004-01



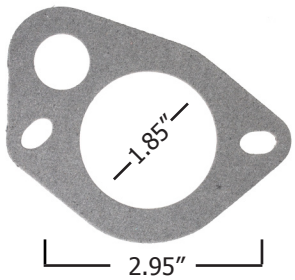
Chevrolet 1991-1976
Chevrolet 1973-1955
Dodge 2003-2000
F.W.D. 1961-1955
FORD 2003-2000
FORD 1955
GMC 1990
GMC 1979-1966
GMC 1959-1955
International Harvester 1958-1952
Mazda 2007-2000

3005-01



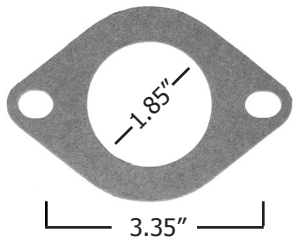
Allis-Chalmers 1969-1963
Allis-Chalmers ..... <All>
Big Bud 1985
Caterpillar 1995-1973
Caterpillar ..... <All>
Chevrolet 1993-1982
Dodge 1956-1955
Ford 1978-1964
GMC 2002-2000
GMC 1996
GMC 1991-1982
Hyster ..... <All>

3006-01



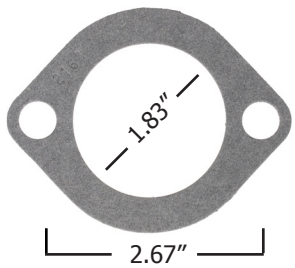
Ford 1989

3007-01



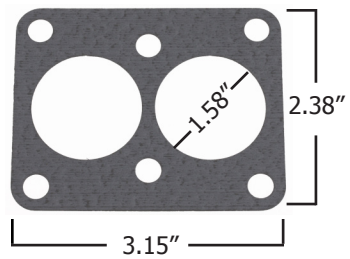
Chevrolet 1979-1967
Ford 1979-1965
GMC 1989-1980
GMC 1975-1973
International/Navistar 1982-1975

3008-01



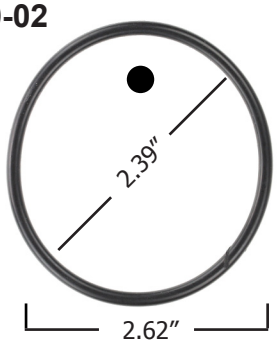
Ford 1989-1988

3009-01



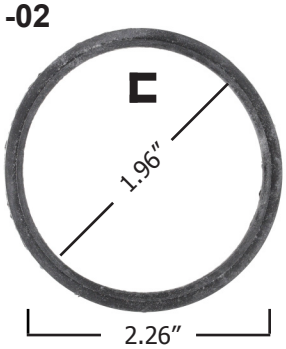
Diamond Reo 1969-1968
Dodge 1966-1960
F.W.D. 1965-1963
Ford 1999-1993
Freightliner 1997-1989
Kenworth 1997-1987
Mack 1992-1991
Oshkosh 1966-1962
Peterbilt 1997-1987
Reo 1967-1965
Reo 1963-1962
Western Star 1990-1989
White 1972-1969

3010-02



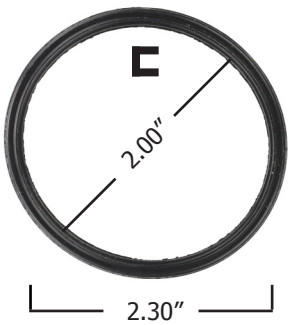
Mazda	2006-2001
Mercedes-Benz	1989-1977

3011-02



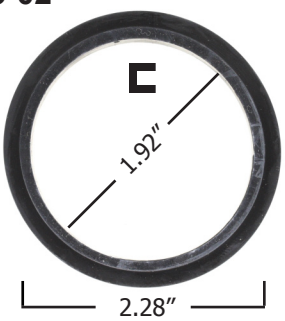
Chevrolet	1996-1990
GMC	1996-1990

3012-02



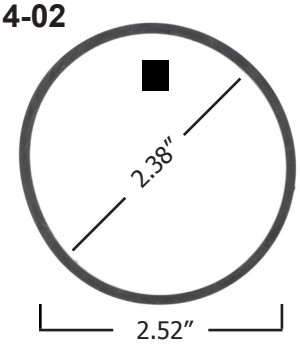
Toyota	2004-2000

3013-02



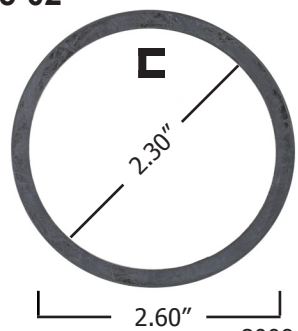
Ford	1993-1992
Freightliner	1993-1991
Kenworth	1993
Peterbilt	1993

3014-02



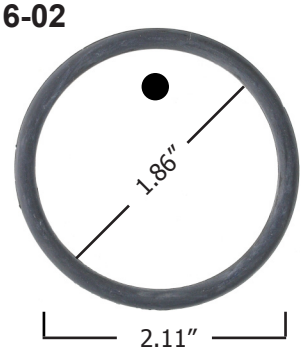
Ford	2003-1998
International/Navistar	2004-1994
Thomas Built	1996-1995
U.S. Bus	1995-1994

3015-02



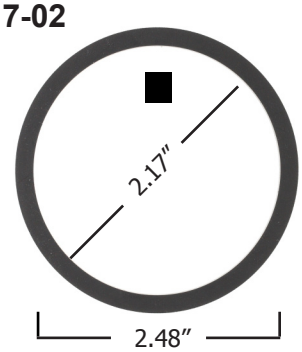
Nissan	2008-2004
Toyota	2005-2000

3016-02



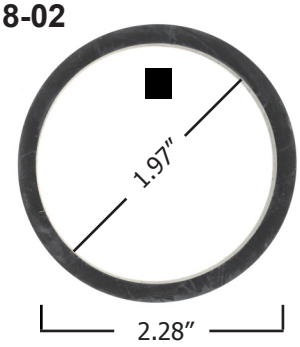
Ford	2009-1999

3017-02



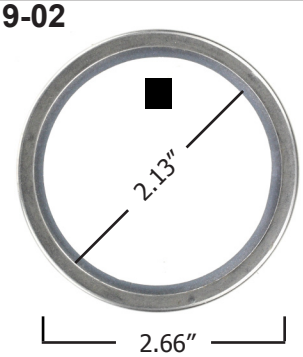
Ford	1997-1994
Freightliner	1997-1994
Kenworth	1998-1994
Peterbilt	1997-1994

3018-02



Ford	1997-1994
Freightliner	1997-1994
Kenworth	1998-1994
Peterbilt	1997-1994

3019-02

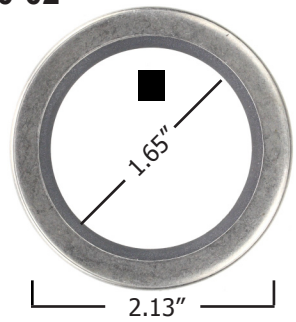


Allis-Chalmers	1974-1970
AM General	1978-1974
American Crane Corp	<All>
Austin-Western	<All>
Autocar	1995-1988
Autocar	1985-1965
Bantam	<All>
Barber-Greene	<All>
Bomag	<All>
Brockway	1976-1973
Brockway	1958-1957
Bros	<All>
Bucyrus-Erie	<All>
Case	<All>
Caterpillar	<All>
Chevrolet	1980-1962
Clark-Lima	<All>
Clark-Michigan-VME	<All>
Crown Coach	1960-1950
Diamond Reo	1986-1981
Diamond Reo	1975-1967
Dodge	2003-2000
Dodge	1975-1972
Dresser-Dressta	<All>
Dresser-Hough	<All>
Drott	<All>
Duplex	1965-1954
Eagle	1990-1974
Eagle	1972-1963
Euclid	1968-1966
Euclid	<All>
F.W.D.	1978-1954
Ferguson Shovel Supply	<All>
Flxible	1994-1991
Flxible	1978-1961
Ford	1998-1991
Ford	1986-1961
Fox River	1976-1972

3019-02
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Freightliner 2008-1991
Freightliner 1988-1968
Gardner-Denver ..... <All>
Gillig 2001-1980
GMC 1988-1966
Grove ..... <All>
Hendrickson 1977-1969
Hyhoe ..... <All>
Ingersoll ..... <All>
International ..... <All>
International Harvester 1966-1947
International/Navistar 2003-1990
International/Navistar 1988-1970
John Deere ..... <All>
Joy ..... <All>
Kenworth 2006-1992
Kenworth 1988-1969
Kenworth 1961-1957
Koehring ..... <All>
Le Tourneau ..... <All>
Link-Belt ..... <All>
Lorain ..... <All>
Mack 1993-1992
Mack 1989-1966
Marmon 1972-1968
MCI 1987-1985
Neoplan 2001-1984
New Flyer 1991
Orion 2001-1983
Oshkosh 1972-1940
Peterbilt 2003-1992
Peterbilt 1988-1954
Pettibone ..... <All>
Poclain ..... <All>
Reo 1967-1954
Rex ..... <All>
Sterling 2003-1998
Terex ..... <All>
Trojan-Yale ..... <All>
VME ..... <All>
Volvo 2003-1996
Volvo 1993-1991
Volvo ..... <All>
Wabco ..... <All>
Warner & Swasey ..... <All>
Western Star 2001-1992
Western Star 1989-1979
White 1988-1968
White GMC 1995-1988

3020-02

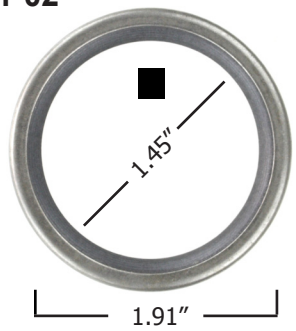


Case 1962-1957
Dresser-Hough ..... <All>
International ..... <All>
International Harvester 1970-1958

3020-02
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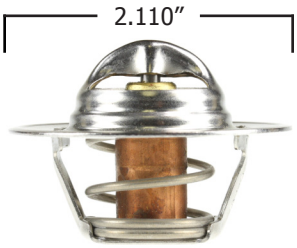
Oshkosh 1961-1960
Reo 1959

3021-02



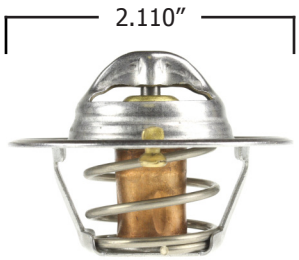
Allis-Chalmers 1979-1954
Allis-Chalmers ..... <All>
American Crane Corp ..... <All>
Austin-Western ..... <All>
Bantam ..... <All>
Bucyrus-Erie ..... <All>
Case 1981-1959
Case ..... <All>
Caterpillar ..... <All>
Chevrolet 1980-1962
Clark-Lima ..... <All>
Clark-Michigan-VME ..... <All>
Diamond Reo 1974
Diamond Reo 1969-1967
Dresser-Dressta ..... <All>
Dresser-Galion ..... <All>
Dresser-Hough ..... <All>
Drott ..... <All>
F.W.D. 1976-1962
Ferguson Shovel Supply ..... <All>
Ford 1972-1969
Fox River 1973-1972
Freightliner 1970-1968
GMC 1985-1966
Grove ..... <All>
Hendrickson 1973
Hyhoe ..... <All>
International ..... <All>
International Harvester 1963-1958
International/Navistar 1979-1966
Joy ..... <All>
Kenworth 1974-1972
Koehring ..... <All>
Link-Belt ..... <All>
Mack 1974
Massey Ferguson ..... <All>
P & H ..... <All>
Peterbilt 1974-1972
Pettibone ..... <All>
Reo 1967-1950
Terex ..... <All>
VME ..... <All>
Volvo ..... <All>
Wabco ..... <All>
White 1975
White 1972
White 1970-1969

4001-60 4001-95 4001-70 4001-05 4001-80



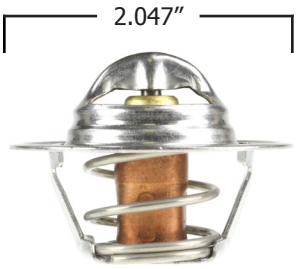
Allis-Chalmers	1978-1973
Allis-Chalmers	1970-1963
Allis-Chalmers	1955-1946
Allis-Chalmers	<All>
Automatic Transportation	<All>
Baker	<All>
Bomag	<All>
Bros	<All>
Case	1978-1957
Cedar Rapids	<All>
Champ	<All>
Chevrolet	1991-1955
Chicago Pneumatic	<All>
Clark	<All>
Clark-Michigan-VME	<All>
Cockshutt	1958-1956
Divco	1965-1947
Dodge	2000
Dresser-Dressta	<All>
Dresser-Galion	<All>
Drott	<All>
Economobile	<All>
Ford	1989-1988
Ford	1985-1961
Ford	1957-1954
Gerlinger	<All>
Gleaner	1982-1968
GMC	1990-1964
GMC	1959-1955
Huber-Warco	<All>
Hyster	<All>
International Harvester	1981-1942
Jaeger	<All>
John Deere	1985-1954
John Deere	<All>
Kalamazoo	<All>
Landini	2003-2001
Landini	1998-1988
Landini	1986-1985
Leyland	1984-1972
Massey Ferguson	1999-1994
Massey Ferguson	1986-1958
Massey Ferguson	<All>
Mazda	2003-2001
New Idea	1976-1964
Oliver	1957-1944
Pettibone	<All>
Studebaker	1960-1952
Towmotor	<All>
United Tractor	<All>
Yale	<All>

4002-60 4002-95 4002-70 4002-05 4002-80



F.W.D.	1956-1937
International	<All>
International Harvester	1979-1972
International Harvester	1962-1954

4003-60 4003-80 4003-70 4003-92



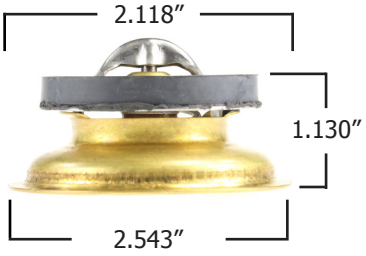
F.W.D.	1961-1955
International Harvester	1958-1952
International/Navistar	1956-1955

4004-60 4004-95 4004-70 4004-05 4004-80



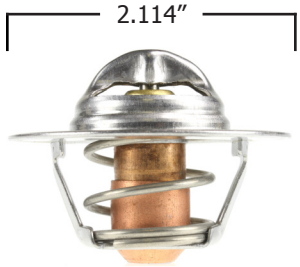
Allis-Chalmers	1969-1959
Allis-Chalmers	1953-1942
Allis-Chalmers	<All>
Case	1954-1942
Caterpillar	1995-1973
Caterpillar	<All>
Diamond Reo	1969-1967
Dodge	1956-1955
Ford	1978-1955
Hyster	<All>
International/Navistar	1970-1969
John Deere	1977-1952
Minneapolis-Moline	1975-1942
Reo	1964-1950
Studebaker	1960-1955

4005-60 4005-80



Allis-Chalmers	1976-1942
Allis-Chalmers	<All>
Baker	<All>
Case	1969-1955
Chevrolet	1964-1962
Cockshutt	1956-1952
Diamond Reo	1969-1967
Divco	1966-1950
Dodge	1973-1969
Dodge	1956-1955
Dresser-Hough	<All>
Drott	<All>
Duplex	1965-1953
F.W.D.	1955-1951
Ford	1963-1955
Gerlinger	<All>
Gleaner	1969-1957
Gleaner	1954-1953
Hyster	<All>
International	<All>
International Harvester	1971-1947
International/Navistar	1977-1956
Jaeger	<All>
Minneapolis-Moline	1965-1962
Oliver	1961-1946
Pettibone	<All>
Reo	1967-1950
Ward La France	1960-1958
Warner & Swasey	<All>

4006-60 4006-80



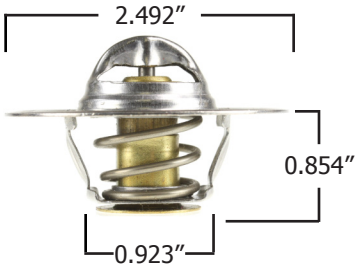
American Crane Corp	<All>
Austin-Western	<All>
Bantam	<All>
Barber-Greene	<All>
Bay City	<All>
Blaw-Knox	<All>
Bros	<All>
Bucyrus-Erie	<All>
Case	<All>
Cedar Rapids	<All>
Chevrolet	1981-1962
Chicago Pneumatic	<All>
Clark-Michigan-VME	<All>
Cleveland	<All>
Diamond Reo	1974

4006-60 4006-80

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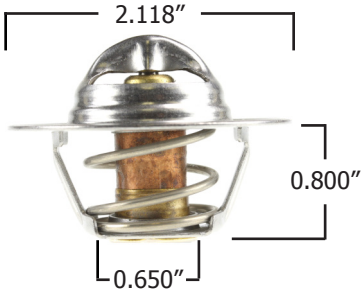
Ditch Witch ..... <All>
Dresser-Dressta ..... <All>
Dresser-Galion ..... <All>
Dresser-Hough ..... <All>
Drott ..... <All>
Dynahoe ..... <All>
Dynapac ..... <All>
F.W.D. 1976-1962
Ferguson Shovel Supply ..... <All>
Ford 1972-1969
Fox River 1973-1972
Fox River 1968-1959
Freightliner 1970-1968
Gardner-Denver ..... <All>
Gerlinger ..... <All>
GMC 1985-1966
Grove ..... <All>
Hendrickson 1973
Herc ..... <All>
Huber-Warco ..... <All>
Hyhoe ..... <All>
Hyster ..... <All>
Ingersoll ..... <All>
Ingram ..... <All>
Insley ..... <All>
International ..... <All>
International/Navistar 1979-1966
Kenworth 1974-1972
Koehring ..... <All>
Le Roi ..... <All>
Link-Belt ..... <All>
Mack 1974
Multihoe ..... <All>
P & H ..... <All>
Parsons ..... <All>
Peterbilt 1974-1972
Pettibone ..... <All>
Pumpmaster ..... <All>
Raygo ..... <All>
Reo 1967-1954
Studebaker 1964-1962
Tampo ..... <All>
Taylor ..... <All>
TCI ..... <All>
Teco-Crab ..... <All>
Terex ..... <All>
Thew Shovel ..... <All>
Towmotor ..... <All>
Trojan-Yale ..... <All>
VME ..... <All>
Volvo ..... <All>
Wabco ..... <All>
Warner & Swasey ..... <All>
White 1975
White 1972
White 1970-1969

4007-60 4007-80 4007-70



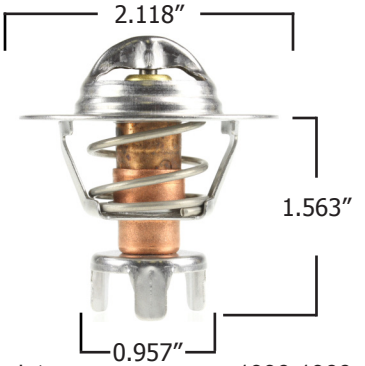
International/Navistar 1985-1970

4008-80 4008-92



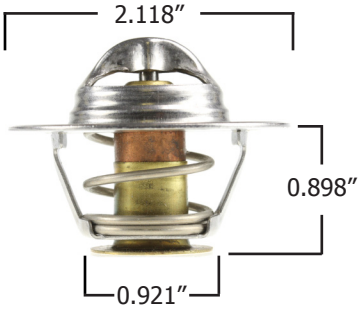
Ford 1979

4009-80 4009-95



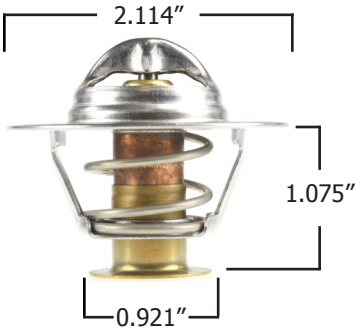
Chevrolet 1996-1966
GMC 1996-1969

4010-60 4010-95 4010-80



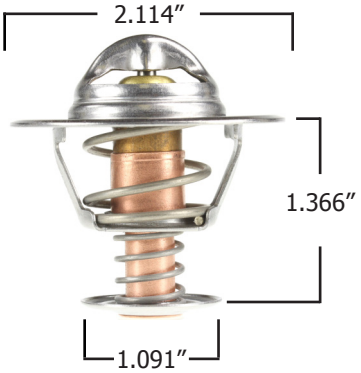
Ford 1991-1980
Ford 1974-1964

4011-60 4011-95 4011-80



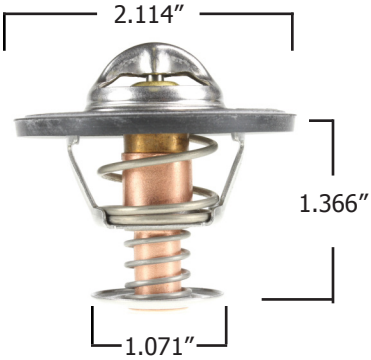
International Harvester 1976-1971
International/Navistar 1988-1956
John Deere 1989-1978
John Deere 1975-1971

4012-60 4012-80 4012-70 4012-95



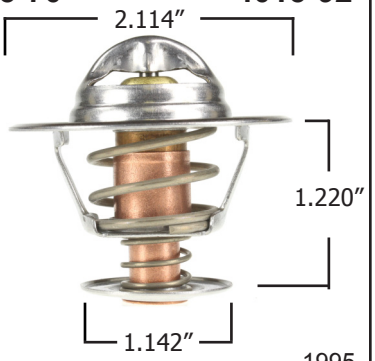
Dresser-Dressta 1988-1974
Dresser-Dressta ..... <All>
Dresser-Hough ..... <All>
Ford 1994-1986
International Harvester 1988-1972

4013-60 4013-80 4013-70 4013-95



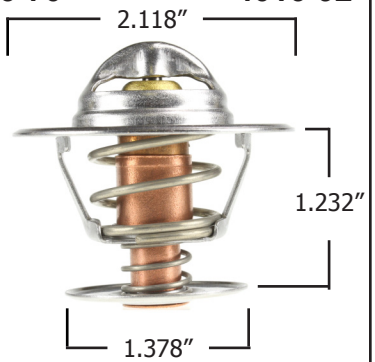
Chevrolet 2008-2000
GMC 2008-2000

4015-60 **4015-80**
4015-70 **4015-92**



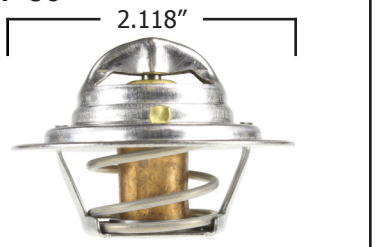
Ford	1995
Ford	1993-1992
Freightliner	1993-1991
Kenworth	1993
Peterbilt	1993
Winnebago	1988

4016-60 **4016-80**
4016-70 **4016-92**



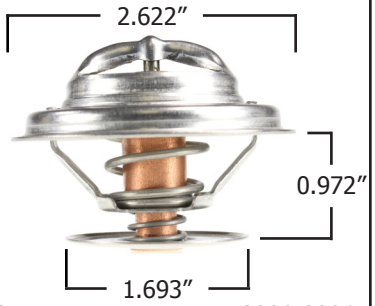
Dodge	1975
Mack	1980

4017-60 **4017-92**
4017-80



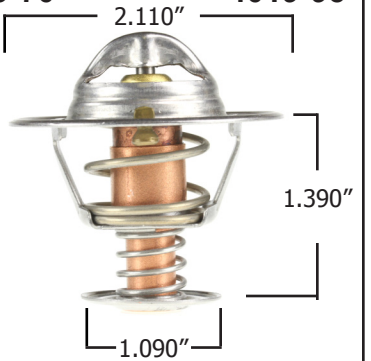
Dodge	2003-2000
Mazda	2007-2000

4018-60 **4018-80**
4018-70 **4018-92**



Mazda	2006-2001
Mercedes-Benz	1989-1977

4019-60 **4019-80**
4019-70 **4019-95**



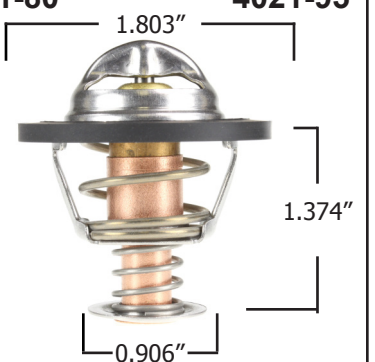
Ford	2009-1999

4020-80



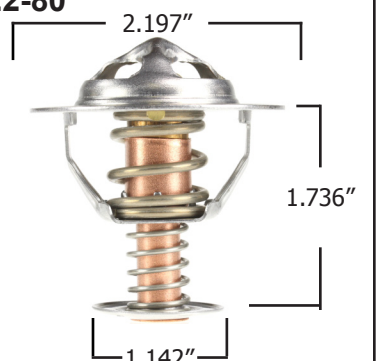
Chevrolet	1991-1980
Ford	1989-1980
GMC	1991-1980
National Coach	1991-1986
Neoplan	2001-1999
Orion	1993-1986

4021-80 **4021-95**



Chevrolet	2007-2000
GMC	2007-2000

4022-70 **4022-92**
4022-80



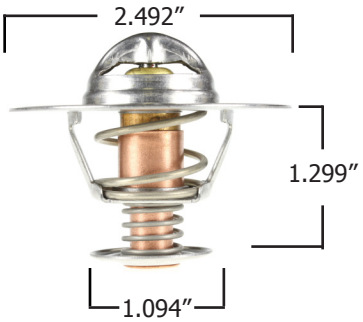
Toyota	2004-2000

4023-92



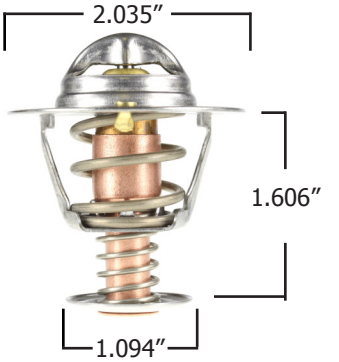
Mazda	2001-2000

4024-80



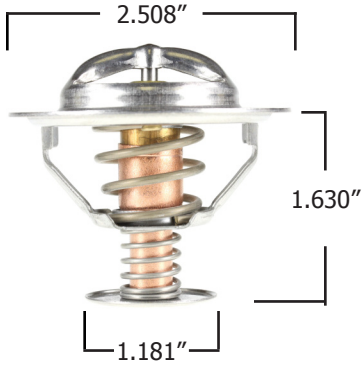
Ford	1997-1994
Freightliner	1997-1994
Kenworth	1998-1994
Peterbilt	1997-1994

4025-70 **4025-95**
4025-80



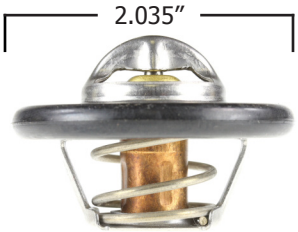
Ford	2002

4026-80 **4026-95**



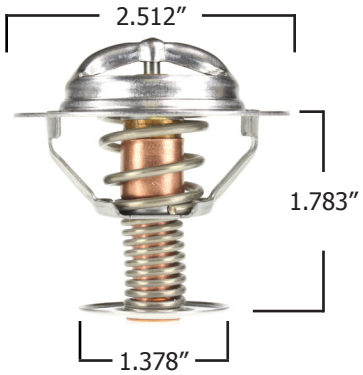
Chevrolet	1995
Ford	2003
GMC	2002-2000
GMC	1996-1994

4027-80 4027-98



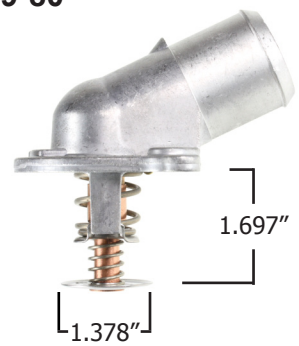
Mazda 2000

4028-92



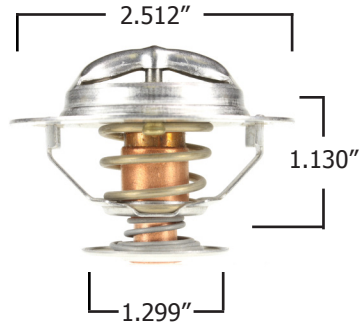
Ford 2003-1998

4029-60 4029-87 4029-80



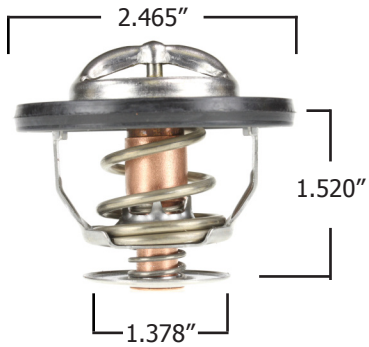
Chevrolet 2003-2000
GMC 2003-2000

4030-80 4030-05 4030-92



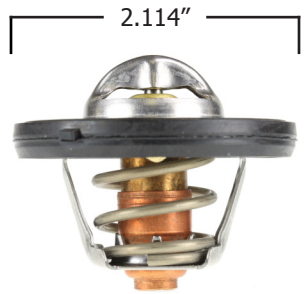
International/Navistar 2004-1994
Thomas Built 1996-1995
U.S. Bus 1995-1994

4031-80 4031-03 4031-92



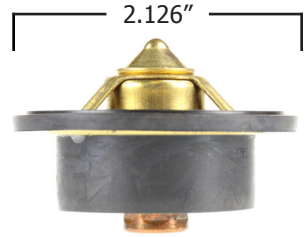
Dodge 2009-2003

4032-80 4032-95



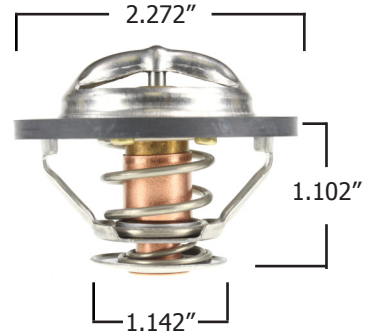
Dodge 2007-2002

4033-80 4033-95



Amtran 2002-1993
Chevrolet 2002-2000
Chevrolet 1975-1965
GMC 2002-2000
GMC 1970
GMC 1967-1965
International/Navistar 1994-1983
U.S. Bus 1993-1991

4034-80 4034-90



Bering Truck Corp. 2001-1999
Dodge 2007-2000
Ford 2008-1998
Freightliner 2009-1998
Hyundai 2003

4034-80 4034-90 (Continued)

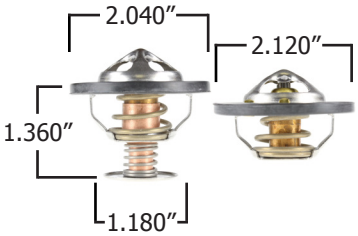
Kenworth 2007-1999
Peterbilt 2003-1998
Sterling 2008-1998
Workhorse 2008-2007
Workhorse 2005-2004

4035-95



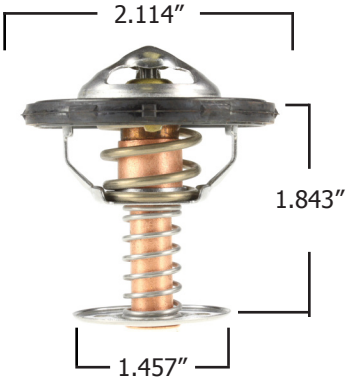
Chevrolet 1993-1982
GMC 1991-1982

4036-kt



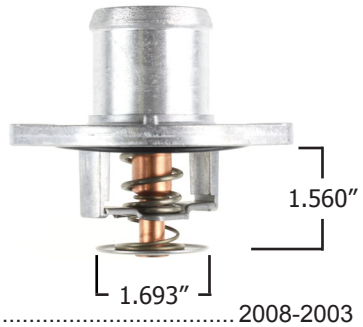
Chevrolet 2008-2001
GMC 2007-2001

4037-60 4037-87 4037-80



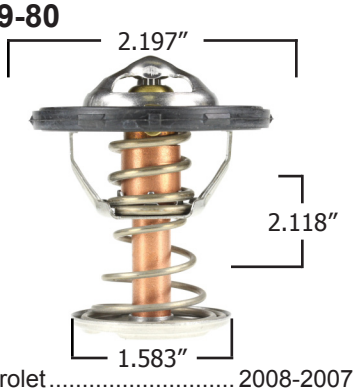
Chevrolet 2009
Chevrolet 2006-2004
GMC 2009
GMC 2006-2004

4038-92



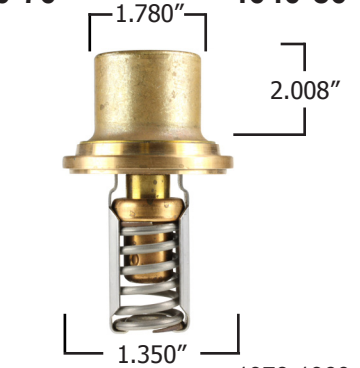
Ford	2008-2003
International/Navistar	2006-2004

4039-60 4039-87 4039-80



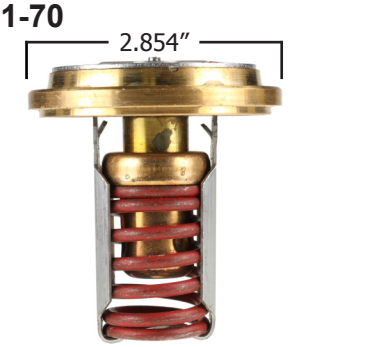
Chevrolet	2008-2007
GMC	2008-2007

4040-70 4040-80



Case	1978-1960
Dodge	1961-1960
Dresser-Hough	<All>
International	<All>
International Harvester	1970-1958
Oshkosh	1961-1960

4041-60 4041-80 4041-70



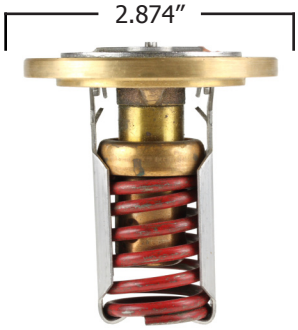
Allis-Chalmers	1955-1942
Allis-Chalmers	<All>
American Crane Corp	<All>
Austin-Western	<All>

4041-60 4041-80 4041-70

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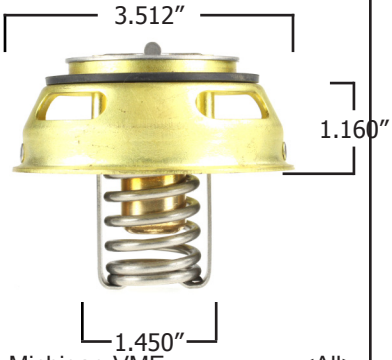
Autocar	1981-1979
Autocar	1972
Bantam	<All>
Barber-Greene	<All>
Bay City	<All>
Brockway	1974
Bucyrus-Erie	<All>
Buffalo Springfield	<All>
Case	<All>
Cedar Rapids	<All>
Champion	<All>
Chevrolet	1980-1966
Chicago Pneumatic	<All>
Clark-Michigan-VME	<All>
Crown Coach	1991-1973
Diamond Reo	1974-1967
Dodge	1974-1972
Dresser-Galion	<All>
Dresser-Hough	<All>
Drott	<All>
Euclid	1963-1959
Euclid	<All>
F.W.D.	1988-1955
Farmhand	1991
Field Queen	1975-1973
Ford	1986-1957
Gardner-Denver	<All>
GMC	1988-1966
GMC	1959-1955
Grove	<All>
Hendrickson	1973
Huber-Warco	<All>
Ingersoll	<All>
Ingram	<All>
Insley	<All>
International/Navistar	1987-1972
Jaeger	<All>
John Deere	1977-1969
John Deere	1961-1960
John Deere	1956-1952
John Deere	<All>
Kenworth	1986-1973
Koehring	<All>
Le Tourneau	<All>
Link-Belt	<All>
Little Giant	<All>
Lorain	<All>
P & H	<All>
Peterbilt	1986-1972
Peterbilt	1969-1965
Pettibone	<All>
Reo	1967-1954
Terex	<All>
Trojan-Yale	<All>
Unit Crane & Shovel	<All>
VME	<All>
Wabco	<All>
Warner & Swasey	<All>
Western Star	1988-1979
White	1988-1968
White GMC	1989-1988

4042-70 4042-80



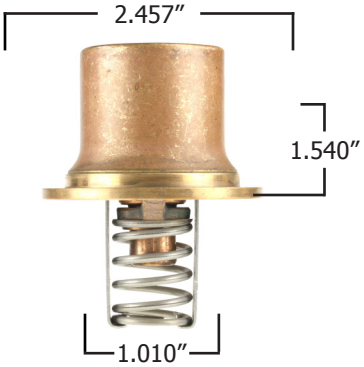
Caterpillar	1984-1945
Caterpillar	<All>
Gardner-Denver	<All>
Huber-Warco	<All>
Hyster	<All>
P & H	<All>

4043-70 4043-80



Clark-Michigan-VME	<All>
Oliver	1969-1960
Thew Shovel	<All>
Walter	1961-1955

4044-70 4044-90 4044-80



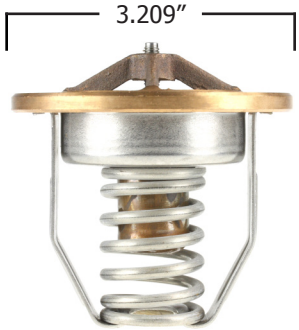
Allis-Chalmers	1979-1954
Allis-Chalmers	<All>
American Crane Corp	<All>
Austin-Western	<All>
Bantam	<All>
Bucyrus-Erie	<All>
Case	<All>
Caterpillar	<All>
Chevrolet	1980-1962
Clark-Lima	<All>
Clark-Michigan-VME	<All>
Diamond Reo	1974
Dresser-Dressta	<All>
Dresser-Galion	<All>

4044-70 4044-90 4044-80

(Continued)

Dresser-Hough	<All>
Drott	<All>
F.W.D.	1976-1962
Ferguson Shovel Supply	<All>
Ford	1972-1969
Fox River	1973-1972
Freightliner	1970-1968
GMC	1985-1966
Grove	<All>
Hendrickson	1973
Hyhoe	<All>
International	<All>
International/Navistar	1979-1966
Joy	<All>
Kenworth	1974-1972
Koehring	<All>
Link-Belt	<All>
Mack	1974
Massey Ferguson	<All>
P & H	<All>
Peterbilt	1974-1972
Pettibone	<All>
Reo	1967-1954
Terex	<All>
VME	<All>
Volvo	<All>
Wabco	<All>
White	1975
White	1972
White	1970-1969

4045-70 4045-90 4045-80



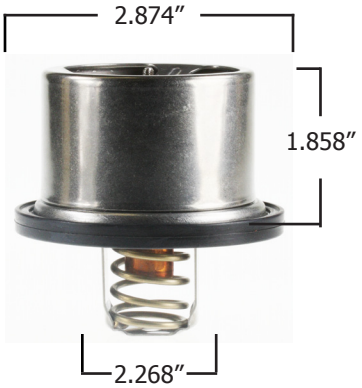
Bucyrus-Erie	<All>
Caterpillar	1977-1947
Caterpillar	<All>
Ford	1969-1966
Freightliner	1977-1972
Jaeger	<All>
Kenworth	1975
Kenworth	1973-1972
Kenworth	1961-1957
Koehring	<All>
Mack	1973-1966
Oshkosh	1966-1944
Peterbilt	1965-1954
Thew Shovel	<All>
White	1972

4046-60 4046-80 4046-70 4046-90



Case	1981-1959
Diamond Reo	1969-1967
Dresser-Dressta	<All>
Dresser-Galion	<All>
Dresser-Hough	<All>
International	<All>
International Harvester	1978-1958
International/Navistar	2008-1971
Reo	1967-1950

4047-60 4047-80 4047-70 4047-90



Allis-Chalmers	1974-1970
Allis-Chalmers	<All>
AM General	1978-1974
American Crane Corp.	<All>
American LaFrance	1998
Austin-Western	<All>
Autocar	2004-2003
Autocar	1995-1965
Barber-Greene	<All>
Bering Truck Corp.	2001-2000
Big Bud	1991-1976
Bluebird	2007-2006
Bluebird	2004
Bomag	<All>
Brockway	1976-1973
Brockway	1958-1957
Bros	<All>
Bucyrus-Erie	<All>
Caterpillar	2008-1981
Caterpillar	<All>
Cedar Rapids	<All>
Challenger	2007-2002
Chevrolet	1980-1966
Clark-Lima	<All>

4047-60 4047-80 4047-70 4047-90

(Continued)

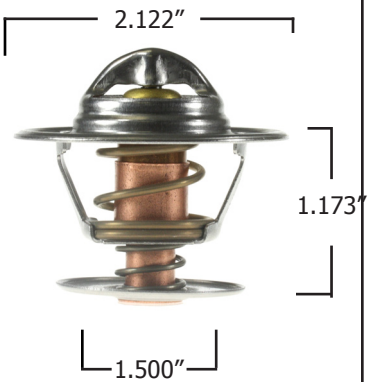
Clark-Michigan-VME	<All>
Crown Coach	1960-1950
Dart	<All>
Diamond Reo	1986-1981
Diamond Reo	1975-1967
Dodge	2006-2000
Dodge	1975-1972
Dresser-Dressta	<All>
Dresser-Hough	<All>
Drott	<All>
Duplex	1965-1954
Eagle	1990-1974
Eagle	1972-1963
Euclid	1968-1966
Euclid	<All>
F.W.D.	1988-1987
F.W.D.	1978-1972
F.W.D.	1965-1954
Flxible	1994-1990
Flxible	1978-1961
Ford	1998-1961
Fox River	1976-1973
Freightliner	2009-1968
Gardner-Denver	<All>
Gillig	2001-1980
Gleaner	2007
GMC	1988-1966
Hendrickson	1977-1969
Hyster	<All>
Ingersoll	<All>
International	<All>
International Harvester	1966-1947
International/Navistar	2009-1970
Joy	<All>
Kenworth	2008-1969
Kenworth	1961-1957
Koehring	<All>
Le Tourneau	<All>
Link-Belt	<All>
Lorain	<All>
Mack	2002-1966
Marcopolo	1996
Marmon	1997-1986
Marmon	1972-1968
Massey Ferguson	2007
MCI	2007-1998
MCI	1996-1994
MCI	1987-1985
M-R-S	<All>
NABI	2004-1997
Neoplan	2005-1984
New Flyer	1999-1994
New Flyer	1992-1991
New Flyer	1989
New Holland	1994-1980
Orion	2001-1983
Oshkosh	2008
Oshkosh	1999
Oshkosh	1989-1987
Oshkosh	1972-1940
Peterbilt	2008-1954
Poclain	<All>
Prevost	2004-2003

4047-60 4047-80 4047-70 4047-90

(Continued)

Prevost	2000-1999
Prevost	1997
Reo	1967-1954
Rex	<All>
Setra	2004-2002
Setra	1994-1992
Steiger	1989-1978
Sterling	2008-1998
Sullair	<All>
Terex	<All>
TMC	1995-1987
Trojan-Yale	<All>
Van Hool	2003-2002
Van Hool	1999
Volvo	2003-1996
Volvo	1993-1990
Wabco	<All>
Warner & Swasey	<All>
Western Star	2008-1979
White	1988-1968
White GMC	1995-1988

4048-80 4048-90



Autocar	1980-1979
Bluebird	2008-2003
Bluebird	2001-1996
Bluebird	1994
Bluebird	1992
Bluebird	1989-1948
Caterpillar	2006-1994
Caterpillar	<All>
Chance Mfg. Co.	2000-1978
Chevrolet	2008-1976
Dodge	1975-1969
Dynapac	<All>
Field Queen	1975-1973
Ford	2008-2000
Ford	1998-1997
Ford	1990-1970
Freightliner	2008-1995
GMC	2008-1976
Grove	<All>
Hendrickson	1973
Hyster	<All>
International/Navistar	1990
International/Navistar	1983-1972
Kenworth	2007-1996
Koehring	<All>
Mack	1985-1974
New Holland	1993-1968

4048-80 4048-90

(Continued)

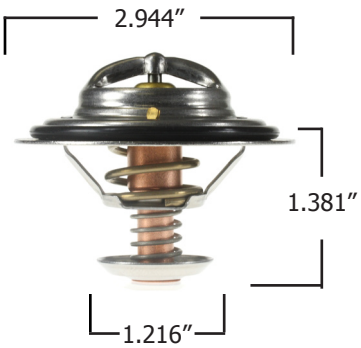
Oliver	1976-1972
Ottawa	<All>
Peterbilt	2007-1995
Peterbilt	1985-1984
Peterbilt	1977-1971
Steiger	1977-1970
Sterling	2008-1998
Thomas Built	2008-1990
Thomas Built	1988
Thomas Built	1986
Volvo	1998-1990
Volvo	1986-1978
Western Star	2001-2000
White	1988-1969
White GMC	1991-1988
Workhorse	2008-2007

4049-75



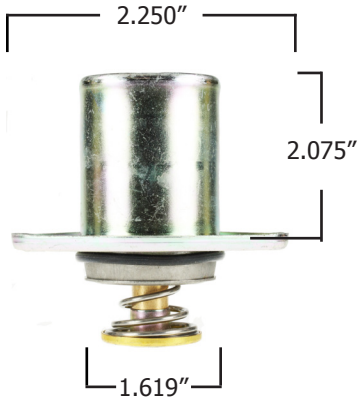
Autocar	1995-1988
Autocar	1985
Autocar	1980-1979
Caterpillar	1997-1990
Caterpillar	1988-1963
Caterpillar	<All>
Claas	1995-1990
Ford	1998-1989
Freightliner	2002
Freightliner	2000-1983
Freightliner	1981-1978
Freightliner	1976-1975
Gardner-Denver	<All>
GMC	1988-1979
Ingersoll	<All>
International/Navistar	1986-1985
International/Navistar	1982-1980
International/Navistar	1975
International/Navistar	1973
Isuzu	1987
Kenworth	2000
Kenworth	1997-1975
Marmon	1996-1993
Marmon	1989-1973
New Holland	1994-1987
Peterbilt	2000-1975
Steiger	1985-1974
Sterling	2000-1998
Sullair	<All>
Volvo	1999-1996
Volvo	1993-1992
Volvo	1990
Western Star	1997-1979
White	1988-1981
White GMC	1995-1989

4050-80



Chevrolet	1989-1987
GMC	1989-1987
Isuzu	2000-1988

4051-90



Amtran	2003-1994
Bluebird	2005-1994
Dina	2001-1998
Dresser-Dressta	1995-1994
El Dorado	2006
International/Navistar	2008-1975
Ward	1999-1994

4052-80



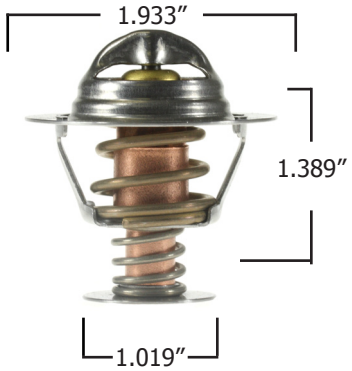
Autocar	2008-2002
Diamond Reo	1969-1968
Dodge	1966-1960
F.W.D.	1965-1963
Ford	1999-1993
Freightliner	2009-1989
Kenworth	2008-1987
Mack	1992-1991
Oshkosh	2008
Oshkosh	1966-1962
Oshkosh	1960
Peterbilt	2008-1987

4052-80

(Continued)

Reo	1967-1965
Reo	1963-1962
Reo	1959
Sterling	2008-1998
Thomas Built	2008-2003
Thomas Built	2000
Thomas Built	1998
Western Star	1990-1989
White	1972-1969
Workhorse	2007-2006

4053-75



Autocar	1995-1986
Diamond Reo	1986
Ford	1997-1984
Freightliner	1998-1983
GMC	1988-1983
International/Navistar	1998-1983
Kenworth	1997-1984
Mack	1989-1984
Marmon	1990
Marmon	1988-1986
Neoplan	1999-1997
Peterbilt	1997-1984
Volvo	1998-1996
Volvo	1993-1990
Western Star	1999-1986
White	1988-1984
White GMC	1995-1988

4054-80



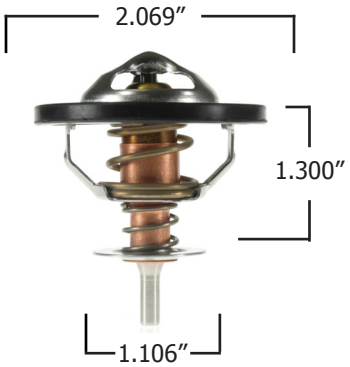
Freightliner	1991-1990
International/Navistar	1991-1990
Kenworth	1991-1990
Mack	1991-1990
Marmon	1990
Peterbilt	1991-1990
White GMC	1991-1990

4055-60



Freightliner	1991-1990
International/Navistar	1991-1990
Kenworth	1991-1990
Mack	1991-1990
Marmon	1990
Peterbilt	1991-1990
White GMC	1991-1990

4056-80



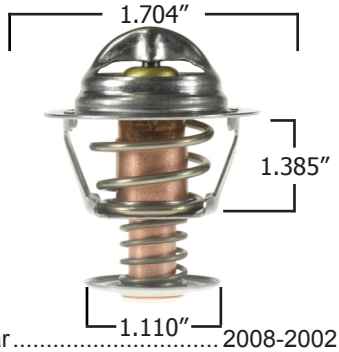
Chevrolet	2004-2000
GMC	2004-2000
Isuzu	2004-1999

4057-85



Chevrolet	2004-2000
GMC	2004-2000
Isuzu	2004-1999

4058-80



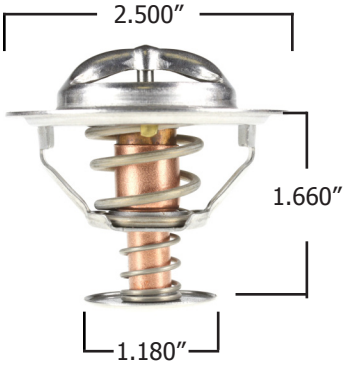
Autocar	2008-2002
Diamond Reo	1969-1968
Dodge	1966-1960

4058-80

(Continued)

F.W.D.	1965-1963
Ford	1999-1993
Freightliner	2009-1989
Kenworth	2008-1987
Mack	1992-1991
Oshkosh	2008
Oshkosh	1966-1962
Oshkosh	1960
Peterbilt	2008-1987
Reo	1967-1965
Reo	1963-1962
Reo	1959
Sterling	2008-1998
Thomas Built	2008-2003
Thomas Built	2000
Thomas Built	1998
Volvo	2002-2001
Western Star	1990-1989
White	1972-1969
Workhorse	2007-2006

4059-70 4059-80



Nissan	2008-2004
Toyota	2005-2000

5001-60 5001-95 5001-70 5001-05 5001-80



Allis-Chalmers	1978-1973
Allis-Chalmers	1970-1963
Allis-Chalmers	1955-1946
Allis-Chalmers	<All>
Automatic Transportation	<All>
Baker	<All>
Bomag	<All>
Bros	<All>
Case	1978-1957
Cedar Rapids	<All>
Champ	<All>
Chevrolet	1991-1955
Chicago Pneumatic	<All>
Clark	<All>

5001-60 5001-95 5001-70 5001-05 5001-80

(Continued)

Clark-Michigan-VME	<All>
Cockshutt	1958-1956
Divco	1965-1947
DODGE	2003-2000
Dresser-Dressta	<All>
Dresser-Galion	<All>
Drott	<All>
Economobile	<All>
F.W.D.	1956-1937
Ford	1989-1988
Ford	1985-1961
Ford	1957-1954
Gerlinger	<All>
Gleaner	1982-1968
GMC	1990-1964
GMC	1959-1955
Huber-Warco	<All>
Hyster	<All>
International	<All>
International Harvester	1981-1942
Jaeger	<All>
John Deere	1985-1954
John Deere	<All>
Kalamazoo	<All>
Landini	2003-2001
Landini	1998-1988
Landini	1986-1985
Leyland	1984-1972
Massey Ferguson	1999-1994
Massey Ferguson	1986-1958
Massey Ferguson	<All>
MAZDA	2007-2000
New Idea	1976-1964
Oliver	1957-1944
Pettibone	<All>
Studebaker	1960-1952
Towmotor	<All>
United Tractor	<All>
Yale	<All>

5003-60 5003-92 5003-80



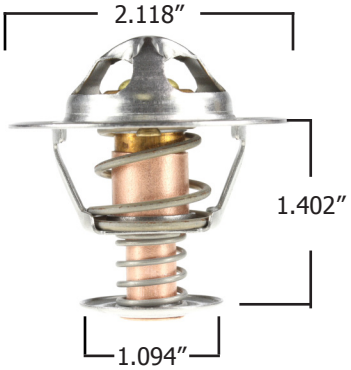
F.W.D.	1961-1955
International Harvester	1958-1952
International/Navistar	1956-1955

5004-60 5004-95 5004-80



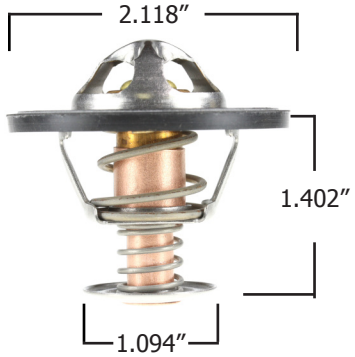
Allis-Chalmers	1969-1959
Allis-Chalmers	1953-1942
Allis-Chalmers	<All>
Case	1954-1942
Caterpillar	1995-1973
Caterpillar	<All>
Diamond Reo	1969-1967
Dodge	1956-1955
Ford	1978-1955
Hyster	<All>
International/Navistar	1970-1969
John Deere	1977-1952
Minneapolis-Moline	1975-1942
Reo	1964-1950
Studebaker	1960-1955

5012-60 5012-80 5012-70 5012-95



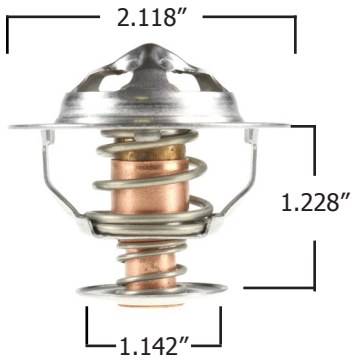
Dresser-Dressta	1988-1974
Dresser-Dressta	<All>
Dresser-Hough	<All>
Ford	2009-2000
Ford	1994-1986
International Harvester	1988-1972

5013-60 5013-80 5013-70 5013-95



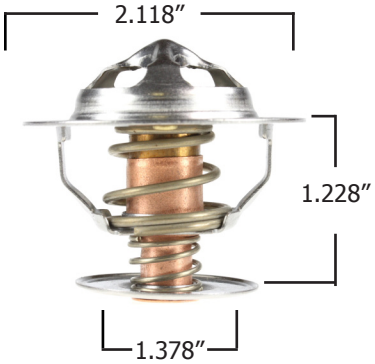
Chevrolet	2008-2000
GMC	2008-2000

5014-80 5014-95



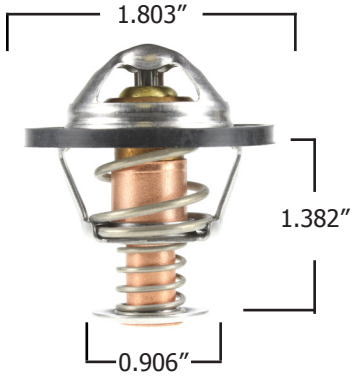
Ford	2000
Ford	1995
Ford	1993-1992
Freightliner	1993-1991
Kenworth	1993
Peterbilt	1993
Winnebago	1988

5016-60 5016-92 5016-80



Dodge	1975
Mack	1980

5021-80 5021-95



Chevrolet	2007-2000
GMC	2007-2000

6001-01



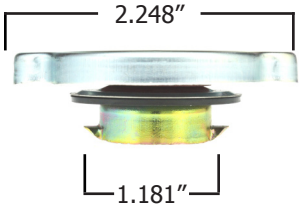
Allis-Chalmers	1967-1957
Allis-Chalmers	1950-1942
Gleaner	1967-1964
International Harvester	1947-1942
John Deere	1969-1954
John Deere	1952-1942
Minneapolis-Moline	1965-1964
Minneapolis-Moline	1962-1959
Oliver	1975-1946
Oliver	1944-1942
Studebaker	1955

6002-01



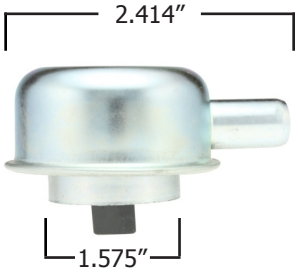
International Harvester	1973-1962
International/Navistar	1952-1950

6003-02



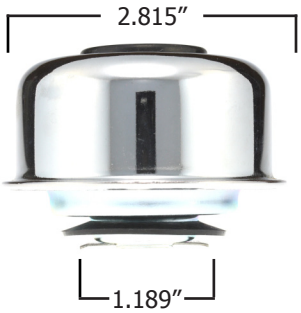
Chevrolet	1995
Chevrolet	1986-1978
Chevrolet	1970-1969
GMC	1996-1994
GMC	1988-1975
International/Navistar	1995-1979

6004-01



Minneapolis-Moline	1965-1964
Minneapolis-Moline	1962-1959

6005-01



Ford	1990-1989
Ford	1982-1980

6006-02



Chevrolet	1991-1971
GMC	1992-1978
Isuzu	1986

6007-02



Toyota	2008-2000

6008-02



Ford	2008-1993
Ford	1990-1988
Mazda	2006-2000

6009-02



Chevrolet	1998-1993
GMC	1998-1993

6010-02



Ford	1989-1980

6011-02



Chevrolet	2009-2000
GMC	2008-2000

6012-02



Ford 2005-2000
Ford 1989
Ford-New Holland 2002-1993
New Holland 2003-1996

6013-02



Isuzu 2002-1991
Isuzu 1989
Isuzu 1985

6014-02



Chevrolet 2000-1990
GMC 2000-1990
Isuzu 1999-1993

6015-02



Nissan 2008-2004

6016-02



Dodge 2008-2000

6017-02



Chevrolet 2005-1999
GMC 2006-1999

6018-02



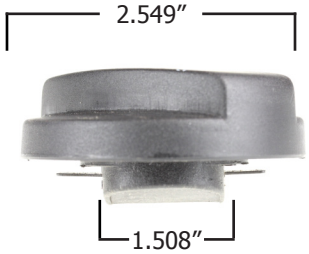
Mazda 2007
Mazda 2004-2001

6019-02



Dodge 2007-2002

6020-02



Dodge 2008

6021-02



Toyota 2008-2005

6022-02



Mazda 2008-2006

6023-02



Dodge 2008-2007

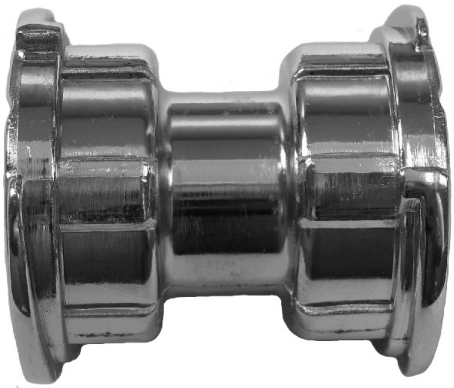
7000-00 COOLING SYSTEM AND PRESSURE CAP TESTER

The **7000-00** Cooling System and Pressure Cap Tester is designed for today's vehicles which incorporates a pressure release tension bar for safe, easy venting of system pressure when testing.

The **7000-00** kit comes complete with a customized carrying case and two adapters; **7001-01** and **7007-01** for testing standard and mini caps. Also incorporated is a new gauge to test up to 30 pound radiators.

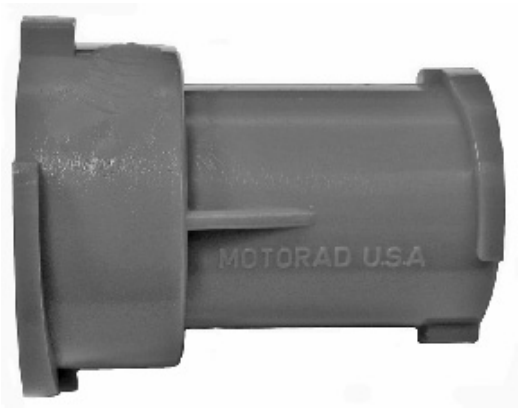


7001-01



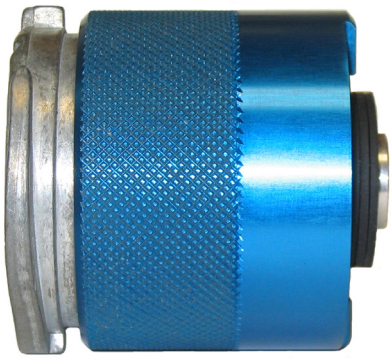
Radiator Cap Adapter: Use for checking relief valve in caps **1001-04, 1001-07, 1001-09, 1001-13, 1001-16, 1001-18, 1001-20, 1008-16, 1504-04, 1501-07, 1501-09, 1501-13, 1501-16, 1501-18, 1501-20, and 1508-16.**

7003-01



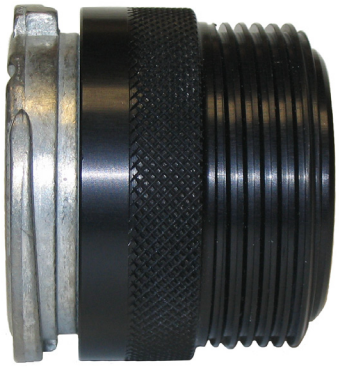
Radiator Cap Adapter: Use for checking relief valve in caps **1003-13, 1003-16, 1503-13, and 1503-16.**

7003-02



Cooling System Adapter: Use for pressurizing cooling systems that take **1003-13, 1003-16, 1503-13, and 1503-16.**

7004-01



Radiator Cap Adapter: Use for checking relief valve in caps **1004-15 and 1004-16.**

7004-02



Cooling System Adapter: Use for pressurizing cooling systems that take **1004-15 and 1004-16.**

7005-01



Radiator Cap Adapter: Use for checking relief valve in caps **1005-16.**

7005-02



Cooling System Adapter: Use for pressurizing cooling systems that take **1005-16.**

7006-00



Rubber Plug: For use with **8006-02** adapter.

7006-01



Cap Adapter: Use for checking relief valve in caps **1006-04, 1006-07, 1006-10, 1006-15, 1506-04, 1506-07, 1506-10, and 1506-15.**

7006-02



Cooling System Adapter: Use for pressurizing cooling systems that take **1006-04, 1006-07, 1006-10, 1006-15, 1506-04, 1506-07, 1506-10, and 1506-15.**

7006-kt



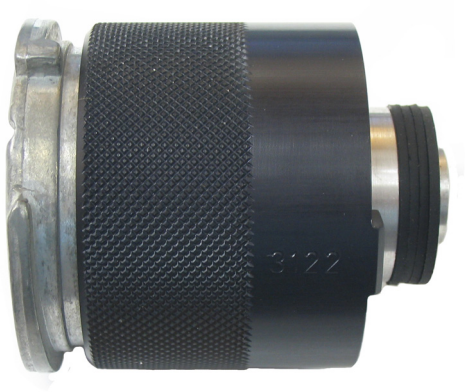
Adapter Kit: Contains adapters: **7006-02 Cooling System Adapter** for pressurizing the cooling system, **7006-01 Cap Adapter** for checking pressure relief valve in radiator caps, and **7006-00 Rubber Plug** used with **7006-02**.

7007-01



Radiator Cap Adapter: Use for checking relief valve in caps **1007-09, 1007-13, 1007-16, 1507-09, 1507-13, and 1507-16**.

7007-02



Cooling System Adapter: Use for pressurizing cooling systems that take **1007-09, 1007-13, 1007-16, 1507-09, 1507-13, and 1507-16.**

7000-00

Used to test cooling systems that take 1001-04, 1001-07, 1001-09, 1001-13, 1001-16, 1001-18, 1001-18, 1001-20, 1008-16, 1501-04, 1501-07, 1501-09, 1501-13, 1501-16, 1501-18, 1501-20, and 1508-16.

* **7001-01**

Used to test radiator caps 1001-04, 1001-07, 1001-09, 1001-13, 1001-16, 1001-18, 1001-18, 1001-20, 1008-16, 1501-04, 1501-07, 1501-09, 1501-13, 1501-16, 1501-18, 1501-20, and 1508-16.

7003-01

Used to test radiator caps 1003-13, 1003-16, 1503-13, and 1503-16.

7003-02

Used to test cooling systems that take 1003-13, 1003-16, 1503-13, and 1503-16.

7004-01

Used to test radiator caps 1004-15 and 1004-16.

7004-02

Used to test cooling systems that take 1004-15 and 1004-16.

7005-01

Used to test radiator cap 1005-16.

7005-02

Used to test cooling systems that take a 1005-16.

7006-00

Rubber plug used with the 7006-01 adapter.

7006-01

Used to test radiator caps 1006-04, 1006-07, 1006-10, 1006-15, 1506-04, 1506-07, 1506-10, and 1506-15.

7006-02

Used to pressurize cooling systems that take 1006-04, 1006-07, 1006-10, 1006-15, 1506-04, 1506-07, 1506-10, and 1506-15.

7006-kt

An adapter kit containing the 7006-02 cooling system adapter, 7006-01 radiator cap adapter, and 7006-00 rubber plug.

* **7007-01**

Used to test radiator caps 1007-09, 1007-13, 1007-16, 1507-09, 1507-13, and 1507-16.

7007-02

Used to test cooling systems that take 1007-09, 1007-13, 1007-16, 1507-09, 1507-13, and 1507-16.

* included in **7000-00** Cooling System and Pressure Cap Tester

Notes