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Service Information Bulletin

SUBJECT	DATE
Fuel Cooler Delete Bypass Plate	September 2014

Additions, Revisions, or Updates

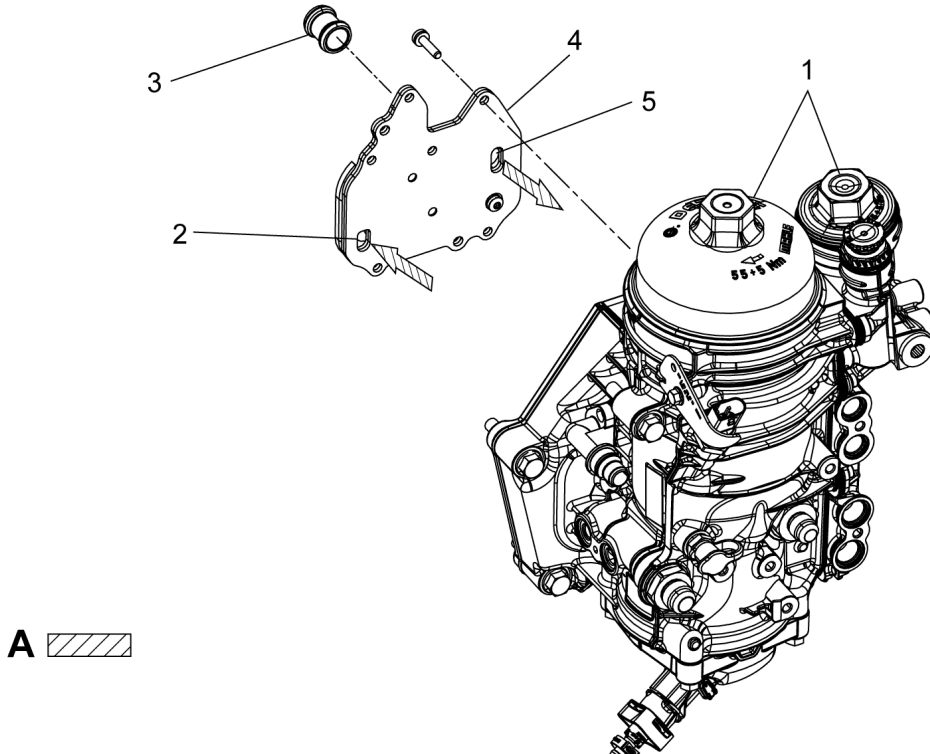
Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0082	EPA10/ GHG14 DD Platform	Description and Operation of the Fuel Cooler Delete Bypass Plate - Two Filter System	These are new sections.
		Removal of the Fuel Cooler Delete Bypass Plate - Two Filter System	
		Inspection of the Fuel Cooler Delete Bypass Plate - Two Filter System	
		Installation of the Fuel Cooler Delete Bypass Plate - Two Filter System	



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2 Description and Operation of the Fuel Cooler Delete Bypass Plate - Two Filter System

The fuel cooler bypass plate is located behind the fuel filter module. The fuel cooler bypass plate replaces the fuel cooler starting in production as of May 2, 2014. The fuel cooler bypass plate receives fuel from the fuel injector amplifiers to the fuel filter module and directs flow back to the inlet of the low pressure pump.



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- 1. Fuel Filter Module
- 2. Fuel Outlet
- 3. Fuel Cooler Rubber Coupling

- 4. Fuel Coolant Delete Bypass Plate
- 5. Fuel Supply
- 6. A = Fuel Flow

Figure 1. KM63 GEN2 Shown, KM59 GEN1 Similar

3 Removal of the Fuel Cooler Delete Bypass Plate - Two Filter System

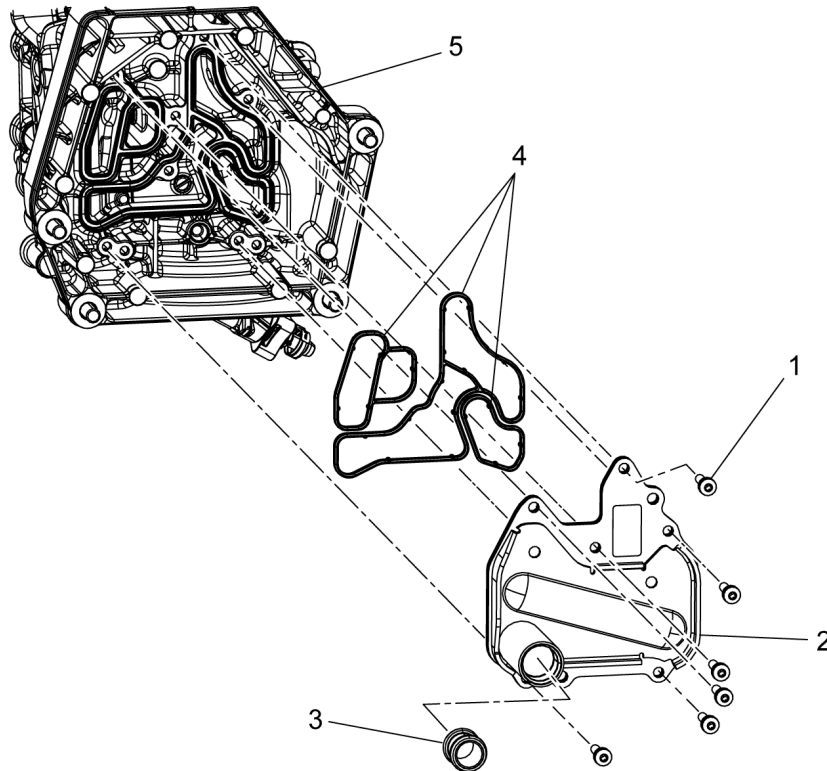


WARNING: PERSONAL INJURY

To avoid injury, never remove any engine component while the engine is running.

Remove as follows:

1. Remove the fuel filter module (5). Refer to section "Removal of the Fuel Filter Module – Two-Filter System".



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2. Remove the bolts (1) securing the fuel cooler delete bypass plate (2) to the fuel filter module.
3. Remove and discard the fuel cooler delete bypass plate gaskets (4) from the fuel filter module.

4 Inspection of the Fuel Cooler Delete Bypass Plate - Two-Filter System

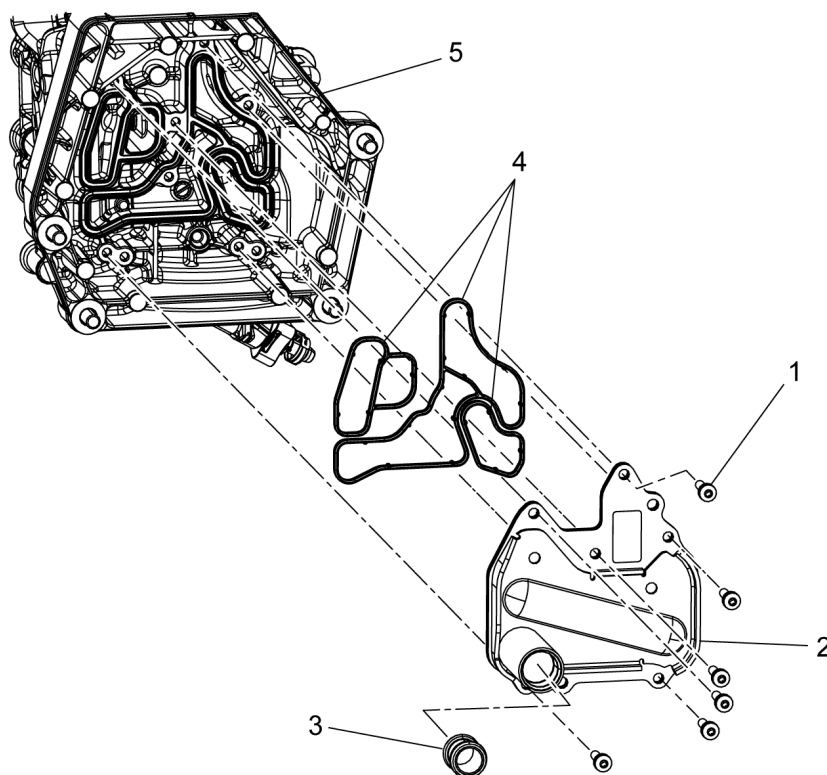
Inspect as follows:

1. Visually inspect the fuel cooler delete bypass plate for damage or corrosion. If damage or corrosion is found, replace the fuel cooler bypass plate.

5 Installation of the Fuel Cooler Delete Bypass Plate - Two Filter System

Install as follows:

1. Lubricate the new fuel cooler delete bypass plate gaskets (4) with a light coat of clean diesel fuel.

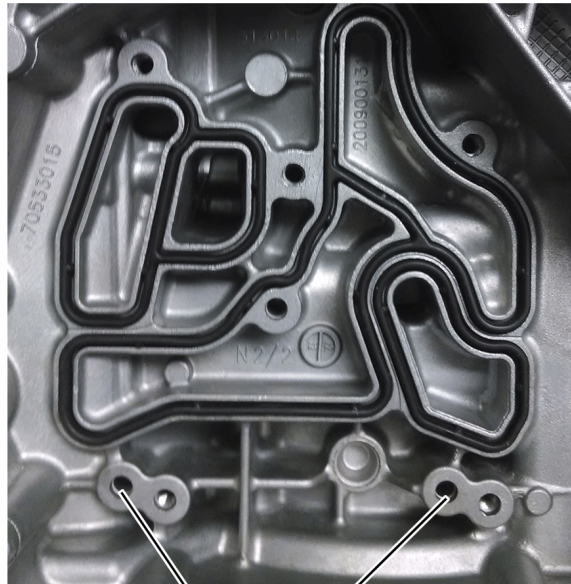


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NOTE: New mounting bolts have self-tapping threads.

NOTE: When installing the fuel cooler delete bypass plate on to the fuel filter module, un-threaded holes (1) will be tapped with new threads when new bolts are installed.

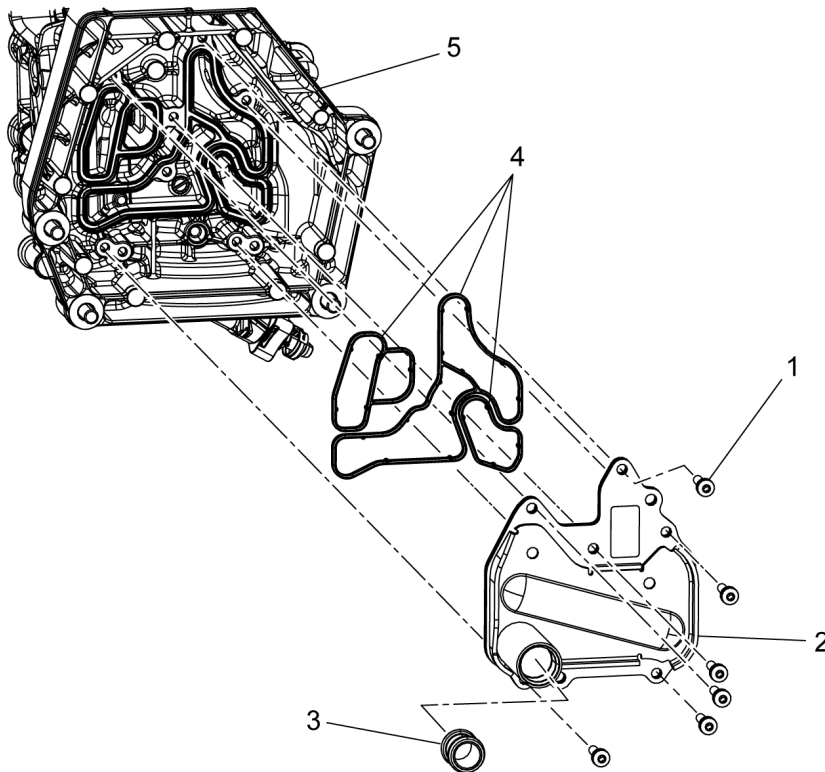
2. Install the new fuel cooler delete bypass plate gaskets (4) in to their correct locations on the fuel filter module (5). See figure above.



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3. Install the fuel cooler delete bypass plate (2) on to the fuel filter module (5). Torque the new mounting bolts (1) between 12 and 13 N·m (106 and 115 lb·in.).



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4. Install the fuel filter module. Refer to section "Installation of the Fuel Filter Module – Two Filter System".