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Service Information Bulletin

SUBJECT	DATE
Oil in Coolant	January 2013

Additions, Revisions, or Updates

Publication Number / Title	Platform	Section Title	Change
DDC-SVC-MAN-0084	DD Platform	Oil in Coolant	Added further instructions for coolant system seals that need to be replaced when they come into contact with oil.



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2 Oil in Coolant

1. Verify that the contaminant in the coolant is oil. Combustion gas can darken the coolant appearance as well and misdiagnose the issue.
2. Pressurize the transmission cooler, per Original Equipment Manufacturer (OEM) specifications. Inspect for leaks.
 - a. If leaks are found, repair as necessary. Flush the cooling system, per Original Equipment Manufacturer (OEM) specifications. Go to step 6.
 - b. If there are no leaks, Go to step 3.



WARNING: PERSONAL INJURY

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

3. Remove the oil coolant module. Refer to section "Removal of the Oil Coolant Module".
4. Remove the oil cooler, paying close attention to the seal rings. Refer to section "Removal of the Oil Cooler".
5. Pressure test the oil cooler. Refer to section "Inspection and Pressure Testing of the Oil Cooler"
 - a. If leaks are found, repair as necessary. Go to step 6.
 - b. If there are no leaks, Contact the Detroit TM Customer Support Center (CSC).
6. If oil has been identified as a contaminant in the coolant, refer to 12 TS-21 for replacement of additional seals in the cooling system with the exception of the fuel injector cup seals.