



DD15™ Service Information

NUMBER: 08 DD15-7 **S.M. REF.:** 3.6 **ENGINE:** DD15 **DATE:** August 2008

SUBJECT: PRIMING THE OIL SYSTEM

PUBLICATION: DDC-SVC-MAN-0002

Procedures for priming the oil system have been added to the DD15 Workshop Manual.

3.6 PRIMING THE OIL SYSTEM

Prime the oil system as follows:

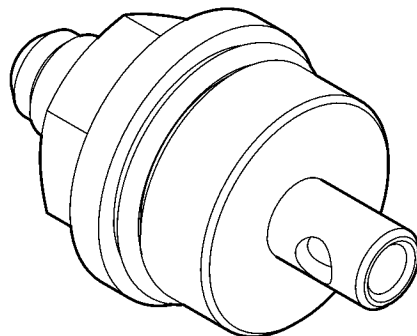
NOTE:

Make sure the engine is OFF.

1. Using a 17 mm (0.6693 in.) allen tool remove the allen head plug from the oil priming port on the module.

NOTE:

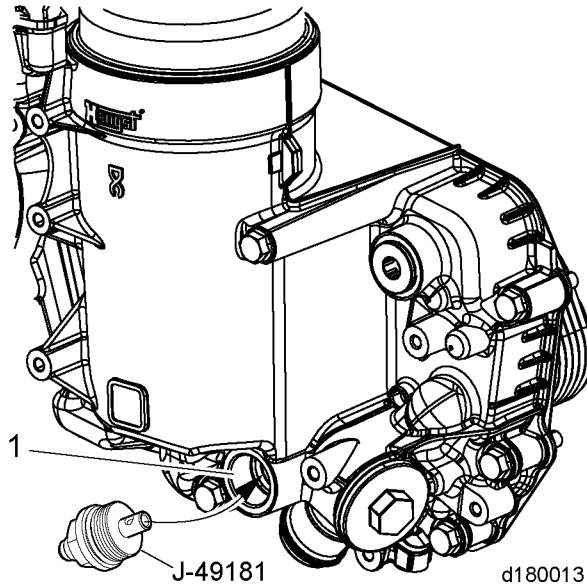
Tool J-49181 is used to adapt the J-45299 priming pump.



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Figure 1 J-49181 Oil System Priming Adaptor

2. Install adaptor J-49181 into the oil priming port in the oil module.



1. Oil Priming Port

Figure 2 Oil Priming Port Location

3. Install tool J-45299 engine pre-lubrication kit to the fitting adaptor.
4. Fill the canister with eight quarts of oil.
5. Open the valve on the primer and start pumping until the container is empty.
6. Fill the container with an additional eight quarts of oil and pump until the canister is empty.
7. The oil system is now primed with sixteen quarts of oil. Fill the oil pan with an additional thirty quarts of oil.
8. Close the valve and loosen the fitting; do not completely remove it from the adaptor.
9. Remove the priming adaptor from the oil module with the line attached to keep the oil from flowing out of the module.
10. Install the allen head plug to the module and torque to 70-80 N·m (51-59 ft·lb).

 **WARNING:**
ENGINE EXHAUST

To avoid injury from inhaling engine exhaust, always operate the engine in a well-ventilated area. Engine exhaust is toxic.

11. Start the engine and monitor the oil pressure.
12. After the engine oil pressure stabilizes, shut the engine down and check the oil per the oil check guidelines.

ADDITIONAL SERVICE INFORMATION

Additional service information is available in the Detroit Diesel *DD15 Workshop Manual*, (DDC-SVC-MAN-0002). The next revision to this manual will include the revised information.

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