

**INSTALLATION
INSTRUCTIONS**

**MBE – HDEP 15.2L
INTERNATIONAL MAXXFORCE 11 & 13
M27 STOR FITTING HEATER**



WARNING

PERSONAL INJURY. Never operate heater if element is not immersed in coolant. Element sheath could burst and cause personal injury.
HEATER DAMAGE. Never run engine while heater is in operation. Shortened heater life will result.
HEATER DAMAGE. DO NOT use stop leak additives or improper coolant mixtures. Shortened heater life will result.

HEATER INSTALLATION PROCEDURE

1. Drain engine coolant. Flush system if necessary.
2. **For MBE-HDEP 15.2L:** Remove the M27 STOR fitting plug located on the oil module, between the oil filter and fuel filter; below the intake manifold inlet on the left side of the engine (see the picture).
For MaxxFORce 11&13: Remove the M27 STOR fitting plug located at the lower right front corner of the engine (see the picture).
3. Install heater assembly. Tighten to 41Nm (or 30.2 ft-lbs).
4. Insert power cord connector firmly into socket, taking care to align pins with sockets of connector on cord. Tighten strain relief nut securely by hand.
5. Route cord to outside, securing where necessary to allow slack for engine vibration and ensure that cord does not touch engine, hot pipes, or any moving parts. Connect only to a GFCI protected 120-Volt AC outlet. If an extension cord is used, it must be the three-wire grounded type.
6. Refill cooling system with coolant mixture. Use a standard 50/50 mixture of coolant and water. Do not use more than 60% concentration of coolant as it will reduce the heater life.
7. Run engine up to operating temperature and check for leaks. Let engine run for 5-10 minutes after thermostat opens to ensure all air is bled from system.



CAUTION

HEATER DAMAGE. Do not operate heater until all air is bled from system. Shortened heater life will result.

WARRANTY

The Phillips & Temro Industries warranty statement is located on the website at phillipsandtemro.com/terms.

MBE – HDEP 15.2L



International MaxxFORce 11&13

