

**INSTALLATION
INSTRUCTIONS****OIL PAN HEATER
WITH M27 X 2 METRIC THREAD****WARNING**

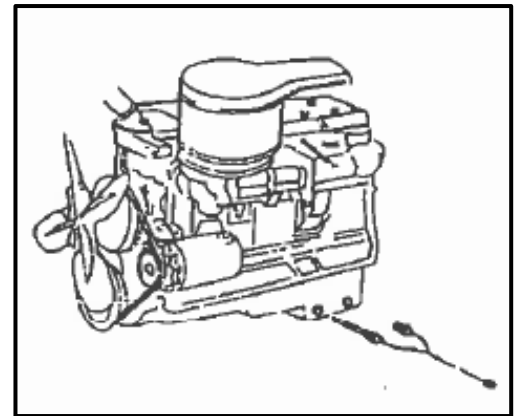
DO NOT plug in heater if element is not immersed in coolant. If not immersed, element sheath may burst and could result in personal injury.

**NOTE**

A 27mm threaded plug that is approximately 2" or more below the oil level is required.

HEATER INSTALLATION PROCEDURE

1. Drain oil and remove pan, if necessary.
2. Check for oil pump screen baffles, etc., which would interfere with the heater.
3. Remove available access plug or drill and tap available boss.
4. Reassemble oil pan to engine (if removed) using new gasket to ensure against all leaks.
5. Install oil pan heater and tighten securely.
6. Connect wiring to heater. Take care to align pins with the sockets of the cord connector. Tighten strain relief nut securely by hand. Route cord to outside, allowing slack for engine vibration and protect cord from excessive heat or chafing due to moving parts.
7. Fill oil pan to proper level with lubricating oil approved by engine manufacturer.

**IMPORTANT**

In extremely cold weather, heaters should be connected to power source when engine oil is warm to eliminate possibility of oil coking on heater. Severe coking may cause heater failure.

8. In cold weather, oil changes should be performed more frequently, due to contamination caused by cold starts.

**WARRANTY**

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