EVINRUDE Johnson BRP

OUTBOARDS
Service Bulletin

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Suggested Routing:
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Date: February 22, 2008 **No.** 2008-01(S)

MODELS: 2008 *Evinrude*® *E-TEC*® 40-300 HP **SUBJECT:** Temperature Sensor Installation

Dear *Evinrude/Johnson*® Dealers:

This communication is to inform dealers of a production change which affects 2008 *Evinrude E-TEC* 40 - 300 HP models.

This change increases the amount of heat sink compound in the temperature sensor cavity and improves the reaction time of the engine's overheat warning system (*S.A.F.E.*).

Procedure

Inline models: Service one temperature sensor.

V-models: Service temperature sensors on both cylinder heads.

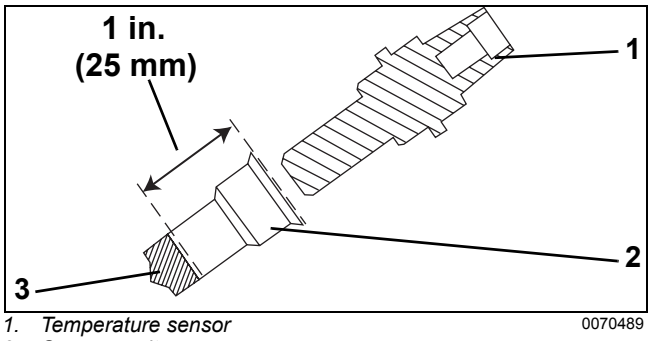
Use one of the following compounds:

- Heat Sink Compound 2 oz., P/N 354170
- Radio Shack® Heat Sink Grease, P/N 276-1372
- Heat Sink Compound 5 oz., P/N 322170

Loosen sensor and remove by hand. DO NOT use socket to remove, threads could break.

Remove temperature sensor. Clean gasket sealing compound from threads of sensor. Clean thermal compound from sensor and sensor cavity.

Fill bottom of sensor cavity with 0.7 cc of heat sink compound. Sensor cavity should be filled to 1 inch (25 mm) below the top edge of the cavity.



1. *Temperature sensor*
2. *Sensor cavity*
3. *Heat sink compound*

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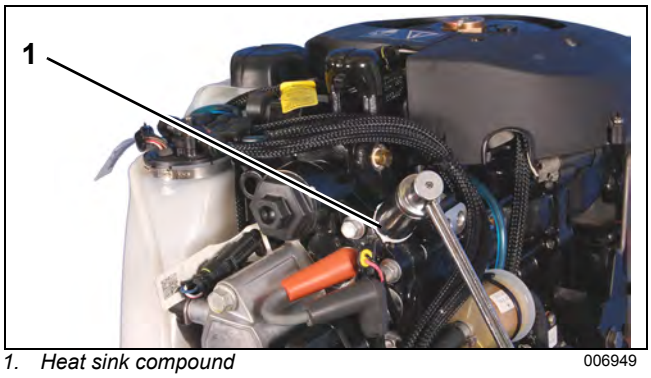
Install sensor. Do NOT use gasket sealing compound on threads. SLOWLY tighten temperature sensor to a torque of 50 to 70 in. lbs. (5.6 to 8.0 N·m).

Wait 10 minutes for trapped air to bleed from cavity. Heat sink compound may also seep past threads. Retighten temperature sensor to 50 to 70 in. lbs. (5.6 to 8.0 N·m).

Inline Models: one sensor



1. *Heat sink compound*

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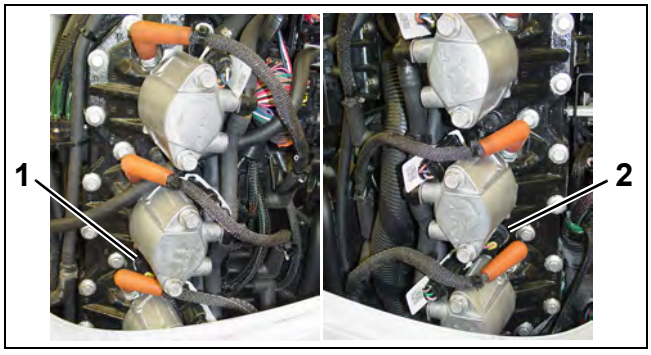
V-Models: two sensors



1. *PORT sensor*
2. *STARBOARD sensor*

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