

INSTALLATION INSTRUCTIONS

Original Issue Date: 11/16

Model: 14/20RESA/RESAL, 20RESB, 20RESC/RESCL, and 20RESD

Market: Residential/Commercial

Subject: Oil Pressure Sensor Boot Kit GM102176-KP1-QS

Introduction

The oil pressure sensor boot protects the oil pressure sensor and its connection from moisture and frost buildup that can cause false low oil level faults. Install the oil pressure sensor boot in locations where the ambient temperature drops below 0°C (32°F). See Figure 1 for illustrations of the installed kit.

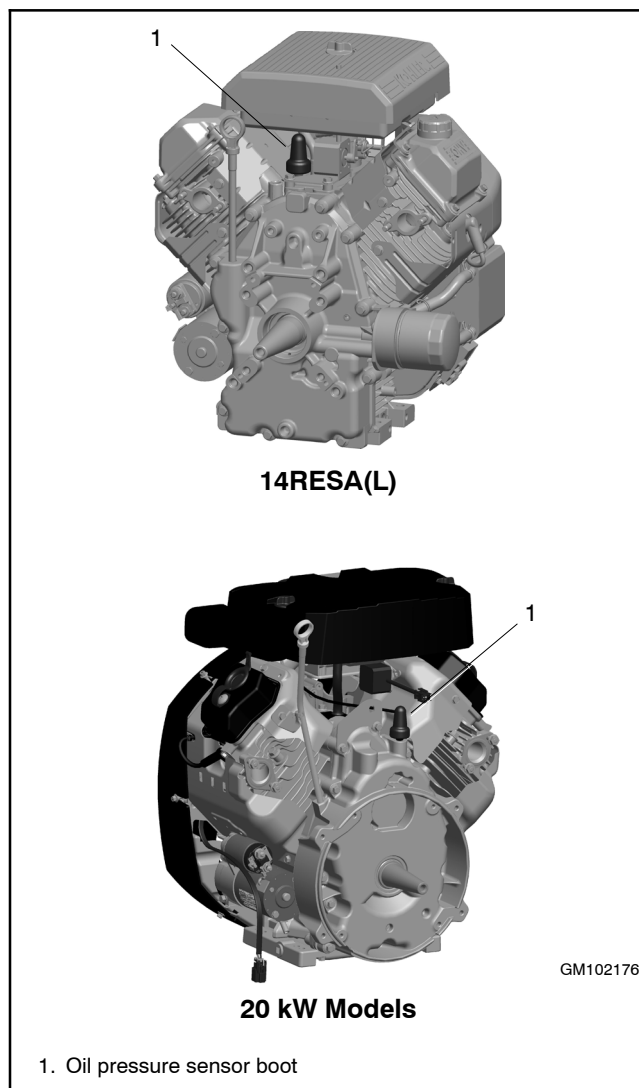


Figure 1 Oil Pressure Sensor Boot Location

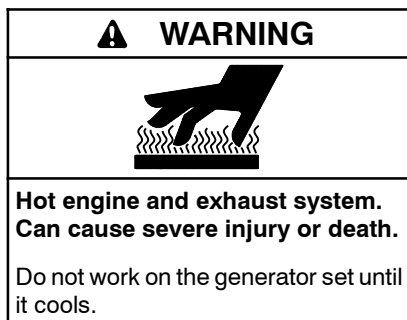
Safety Precautions

Observe the following safety precautions while installing the kit.

⚠ WARNING
Accidental starting. Can cause severe injury or death.
Disconnect the battery cables before working on the generator set. Remove the negative (-) lead first when disconnecting the battery. Reconnect the negative (-) lead last when reconnecting the battery.

Disabling the generator set. Accidental starting can cause severe injury or death. Before working on the generator set or equipment connected to the set, disable the generator set as follows: (1) Press the generator set off/reset button to shut down the generator set. (2) Disconnect the power to the battery charger, if equipped. (3) Remove the battery cables, negative (-) lead first. Reconnect the negative (-) lead last when reconnecting the battery. Follow these precautions to prevent the starting of the generator set by the remote start/stop switch.

⚠ DANGER
Hazardous voltage. Will cause severe injury or death.
Disconnect all power sources before opening the enclosure.



Installation Procedure, 14/20RESA(L) and 20RESC(L)

1. Disconnect AC power to the generator set by opening the upstream circuit breaker. (AC power is connected to the generator set for battery charging and AC-powered accessories.)
2. Allow the generator set and engine to cool.
3. Open the enclosure roof.
4. Press the OFF button on the controller.
5. Disconnect the generator set engine starting battery(ies), negative (-) lead first.
6. Lift the thermal cover and find the oil pressure sensor on the engine. See Figure 1.
7. Install the boot.
 - a. Disconnect the lead from the oil pressure sensor.
 - b. Insert the lead through the opening in the boot.
 - c. Reconnect the lead to the oil pressure sensor.
 - d. Slide the boot down to completely cover the sensor.
8. Reconnect the generator set engine starting battery(ies), negative (-) lead first.
9. Lower the thermal cover.
10. Reconnect the AC power to the generator set by closing the circuit breaker in the distribution panel.
11. Reset the time, date, and exercise time (if applicable) on the controller.
12. Start the generator set and run for several minutes. Check the controller display to verify that there is no low oil pressure fault.
13. For standby operation, press the AUTO button on the generator set controller.
14. Close and secure the enclosure roof.

Parts List

Oil Pressure Sensor Boot Kit

Kit: GM102176-KP1-QS		
Qty.	Description	Part Number
1	Boot, pressure sensor	GM102139
1	Installation Instructions	TT-1717

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