

## SERVICE BULLETIN

Original Issue Date: 5/15

Model: 20RESA/RESAL/RESB Generators Equipped with CH1000 Engine

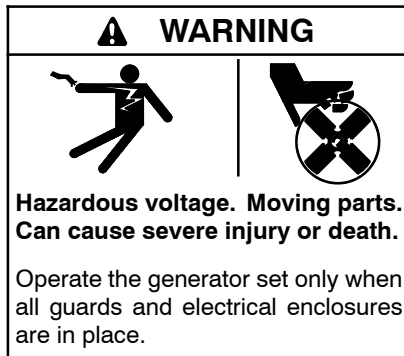
Market: Residential/Light Commercial

Subject: Additional Startup Procedure

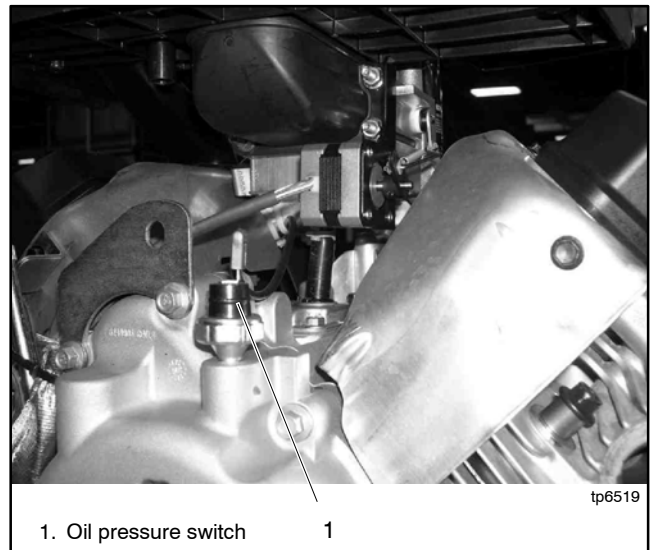
### Introduction

Kohler Co. has been made aware of possible engine damage due to lack of lubrication at startup. In order to eliminate these failures, perform the following procedure during generator set installation.

### Procedure



1. Press the OFF button on the generator set controller.
2. Before starting the engine, use the dipstick to check the oil level. Make sure that the oil is at correct (full) level.
3. See Figure 1 and find the oil pressure switch below the air cleaner on the engine. Disconnect the green oil pressure lead and remove the oil pressure switch.
4. Carefully remove any pipe sealant from the threads. Avoid dropping any debris inside the opening.
5. Add approximately 2 oz. of engine oil into the oil passage. A syringe is recommended for adding the oil.



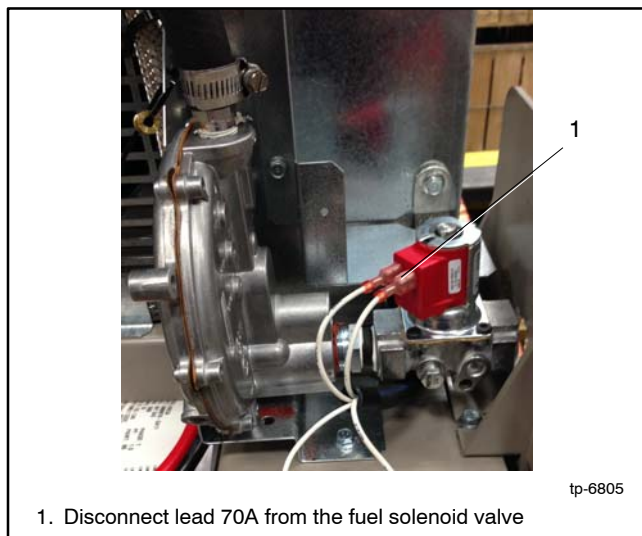
**Figure 1** Oil Pressure Switch Location

6. Carefully apply new pipe sealant with Teflon® (Loctite® PST® 592 or equivalent) to the threads and reinstall the oil pressure switch. Tighten to 10.7 Nm (95 in-lbs.).
7. Reconnect the green lead to the oil pressure switch.
8. Shut off the fuel supply by either closing the manual fuel valve or disconnecting lead 70A from the fuel solenoid valve. See Figure 2.
9. Press RUN on the generator set controller. The engine will cycle 3 times: 15 seconds crank, 15 seconds rest, 15 seconds crank, 15 seconds rest, and 15 seconds crank, 15 seconds rest. The unit will then shut down on an overcrank fault.

(Procedure continues on the next page.)

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**Figure 2** Fuel Solenoid Valve

10. Press the OFF button to clear the fault on the generator set controller.
11. Open the fuel supply valve or reconnect the lead to the fuel solenoid valve.
12. Press RUN on the controller to start the engine. Allow the engine to run for one (1) full minute prior to any application of load.

Availability is subject to change without notice. Kohler Co. reserves the right to change the design or specifications without notice and without any obligation or liability whatsoever. Contact your local Kohler® generator set distributor for availability.

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