

SERVICE BULLETIN

Original Issue Date: **10/96**
 Model: **6.5RMY, 10-18RY/RZ**
 Market: **Industrial**
 Subject: **Overspeed Shutdown**

This service bulletin informs service technicians that the controller circuit board and the Kohler electronic governor circuit board have an overspeed shutdown setting. In some instances the overspeed setting on the controller circuit board and the overspeed setting on the governor circuit board may be different from each other causing unwanted generator set shutdowns.

The Kohler electronic governor circuit board (Figure 3), the relay controller circuit board (Figure 4), and the microprocessor controller circuit board all have overspeed shutdown settings. Verify correct overspeed shutdown settings on all applicable relay controller and Kohler electronic governor circuit boards to prevent unwanted generator set shutdown. See generator set Service Manual for adjustment procedures.

The relay controller circuit board overspeed setting is adjustable using a potentiometer. See Figure 2 to identify the potentiometer that adjusts the overspeed setting on the relay controller circuit board.

When investigating a shutdown problem or when replacing the governor or controller circuit board, verify that both overspeed shutdown settings are at 72 Hz. See Figure 1.

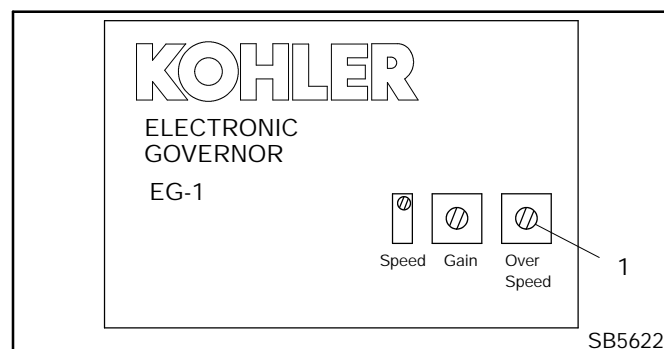
Circuit Board	Overspeed Shutdown Setting	
	50 Hz	60 Hz
Microprocessor Controller	Not Adjustable	
Relay Controller	62 Hz	72 Hz
Kohler Electronic Gov.	62 Hz	72 Hz

Figure 1. Overspeed Shutdown Settings

Relay Controller Circuit Board	Potentiometer
A-254717	R8
B-254717	R8
C-254717	R8
D-254717	R12
E-254717	R12

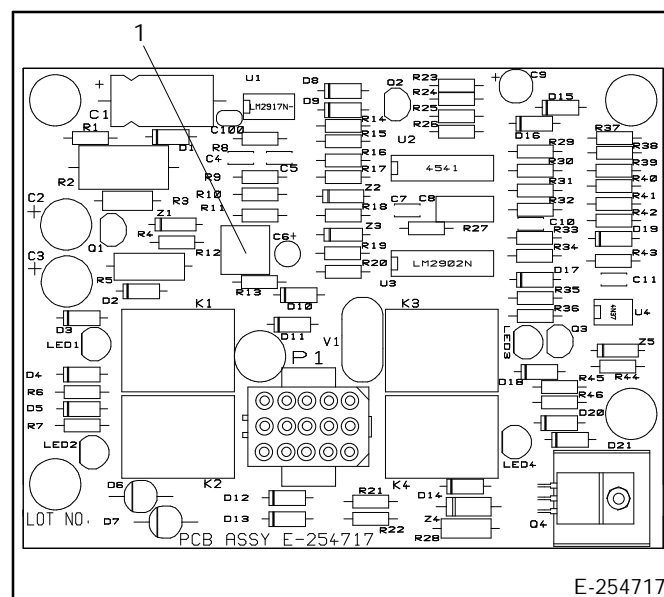
Figure 2. Potentiometer Identification

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1. Overspeed adjustment potentiometer

Figure 3. Kohler Electronic Governor Board



1. Potentiometer

Figure 4. Relay Controller Circuit Board E-254717