

INSTALLATION INSTRUCTIONS

Original Issue Date: **11/96**

Model: **1.75MM, 1.75MBM, 1.75MFM, 1.75MBFM, 2.25MBM, 2.25MBFM, 3.5MM, 3.5MBM, 3.5M, 3.5MFM, 3.5MBFM, 5MM, 5MBM, 5CM, 5MFM, and 5MBFM**

Market: **Portable**

Subject: **Switch Kit (228695)**

This switch kit replaces failed switches (Kohler part number 238279) on HD- and XL-series portable generator sets with an 8-terminal switch. The original switch included an integral light to indicate the presence of high voltage. The replacement switch has no light. This kit includes an auxiliary light. Install the light as instructed to provide the same high-voltage indicator.

Switch Kit

Parts List		
Kit: 228695		
Qty.	Description	Part Number
1	Switch, pushbutton	228691
1	Cap, white	228692
1	Light, red	228693



Accidental starting.

Can cause severe injury or death.

Disconnect battery cables before working on generator set (disconnect negative lead first and reconnect it last).

Disabling generator set. Accidental starting can cause severe injury or death. Disconnect the spark plug wire(s), remove battery cables (remove negative lead first and reconnect it last), and disconnect power to battery charger (if equipped) to disable generator set before working on the generator set or connected equipment.

WARNING

Hazardous voltage.

Moving rotor.

Can cause severe injury or death.

Operate generator set only with all guards and electrical enclosures in place.

Grounding generator set. Hazardous voltage can cause severe injury or death. Electrocutation is possible whenever electricity is present. Unplug load from generator set before servicing equipment. Electrically ground the generator set when in use. Never contact electrical leads or appliances when standing in water or on wet ground, as the chance of electrocution is increased under such conditions.

Installation

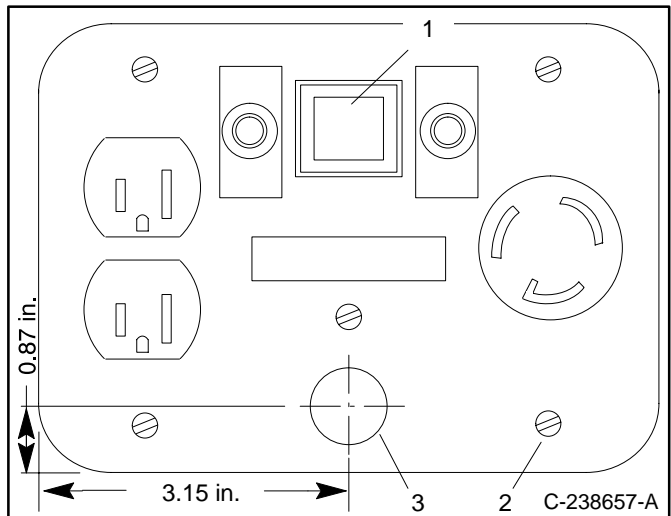
1. Disconnect the spark plug wire(s).
2. Disconnect the generator set engine starting battery, negative (–) lead first.
3. Remove four screws located on control panel.
4. Mark wires as necessary as shown in Figure 2.
5. Disconnect and remove existing switch from control panel. Discard switch.
6. Place lens cap (228692) on switch (228691). *Lamp intentionally not included in switch.*
7. Connect leads to switch as shown in Figure 2. Switch terminals include identification marks—C: Common, NC: Normally Closed, and NO: Normally Open.

NOTE

Refer to your Service Manual, TP-5016, for varying wiring diagrams not shown in this Instruction Sheet.

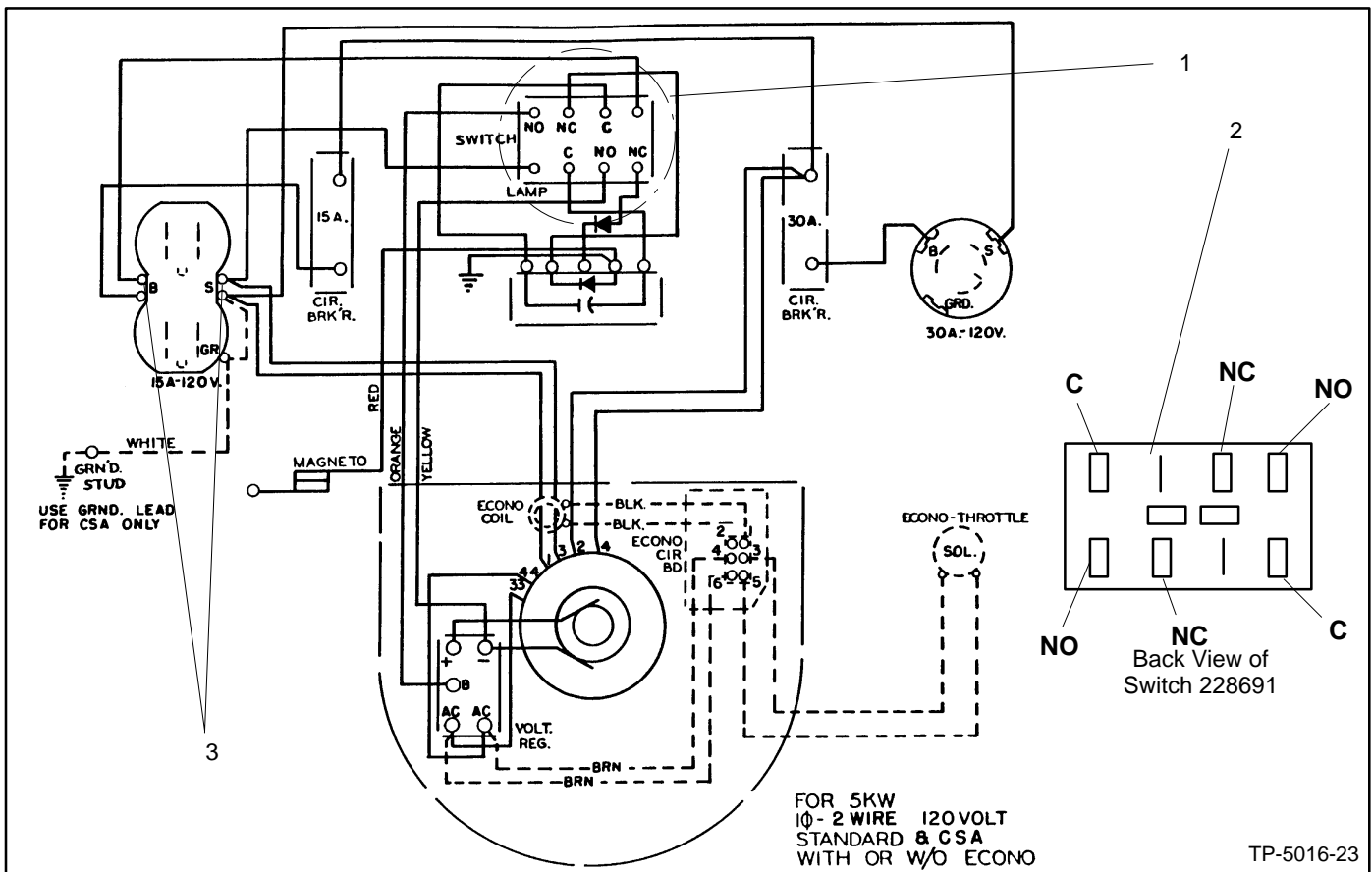
8. Drill out a 0.5-in. (12.7-mm) diameter hole in control panel. Preferred location shown in Figure 1. Modify drilling location if your control panel varies from that shown.
9. Position light (228693) in hole.
10. Connect leads from light as shown in Figure 2.

11. Secure control panel with four screws.
12. Reconnect generator starting battery, negative (–) lead last.
13. Reconnect the spark plug wires.
14. Start the generator set and verify that the set performs properly. Stop generator set.



1. Switch location
2. Control panel screws (4)
3. Light location

Figure 1. Control Panel Cutout for Light (Preferred)



1. Existing switch connections
2. New switch (228691) connections
3. Light (228693) connections

Figure 2. Wiring Diagram (Typical)