



Remote Start and Two-Meter Panel Kit PAA-267415 Gasoline- and Diesel-Powered Models Marine Generator Sets

Kit allows starting-stopping from a location remote of the generator set. Meter/gauges include engine oil pressure gauge and water temperature gauge. Gauges are illuminated and the generator set comes equipped with a 6-pin connector on controller back panel for connection of the kit. See Figure 1 for panel features.

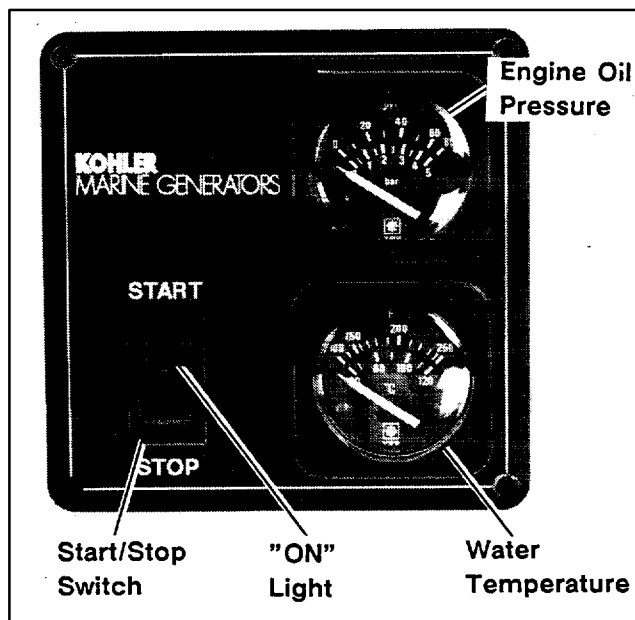


Figure 1. Panel Features

NOTE

All models shipped after June 1992 require the addition of a Sender Kit to allow the oil pressure and water temperature gauges to function. Contact an Authorized Kohler Dealer for part no. of Sender Kit. Earlier models may have senders already installed. Check lead 5 connection to water temperature sender and lead 7C to oil pressure sender to determine if senders are present.

NOTE

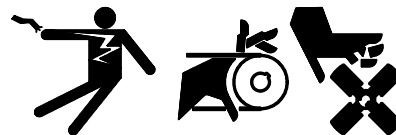
The kit requires Remote Connection/Extension Harnesses PA-249334 15 ft. (46 m) or PA-249336 25 ft. (76 m). Extension should total no more than 75 ft. (23 m).

Start/Stop Switch: Rocker-type switch with "ON" light used to start and stop generator set.

Engine Oil Pressure Gauge: Measures engine oil pressure.

Water Temperature Gauge: Measures engine coolant temperature.

⚠ WARNING



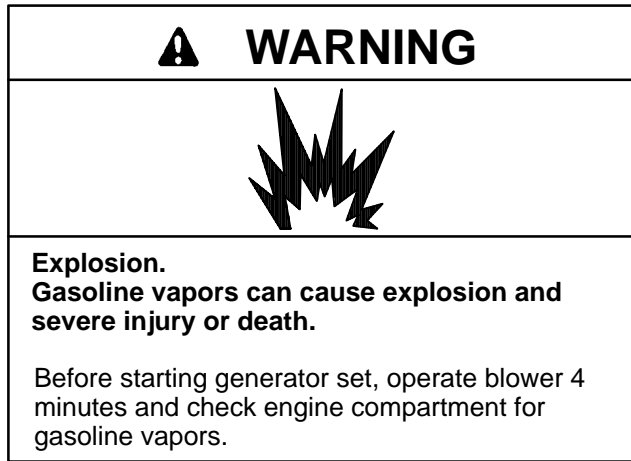
**Accidental starting.
Can cause severe injury or death.**

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

Accidental starting can cause severe injury or death. Disconnect battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by remote start/stop switch unless this precaution is followed.

Explosive fuel vapors can cause severe injury or death. Gasoline vapors can explode and can cause death or severe injury. USCG Regulation 33CFR183 requires all electrical devices (ship-to-shore transfer switch, remote start panel, etc.) to be "ignition protected" when used in a gasoline (gaseous)-fueled environment. These electrical devices are not "ignition protected" and are not certified to operate in a gasoline (gaseous)-fueled environment such as engine room or near fuel tanks. Acceptable locations would be wheelhouse or other living areas sheltered from rain and water splash.

(Gasoline Models only.)



(Gasoline Models only.)

INSTALLATION

1. Disconnect battery, negative lead first.
2. Determine where in wheelhouse or bridge remote panel is to be mounted. This decision will be limited by the length of the wiring harness and the size (including mounting depth) of the panel.

NOTE

The kit requires Remote Connection/Extension Harnesses PA-249334 15 ft. (46 m) or PA-249336 25 ft. (76 mm). Extension should total no more than 75 ft. (233 m).

See Figure 2 mounting dimensions. The minimum mounting clearance beyond the panel is 2-3/4 in. (70 mm). See Figure 3 for the panel assembly wiring.

3. Connect Remote Extension Harness to remote panel and mount panel using four screws.
4. Connect the other end of Remote Extension Harness to back of generator set controller.

Use supplied wire strap to secure wiring harness to controller. Attach wire strap using screw to hole in controller near 6-pin connector (4/6.5CZ and 3.5CFZ/5CFZ models only). Discard wire strap and screw for all other models. Use rubber grommets and cable ties as necessary to protect and secure wiring harness. Installation must conform to U.S.C.G. Regulations 183.425 through 183.460.

5. **GASOLINE MODELS ONLY:**
Select a location as near as practical to remote start panel for mounting warning decal. Ideally, the decal should be visible when starting generator set. Before applying decal, be sure surface is clean and dry. See Figure 4.

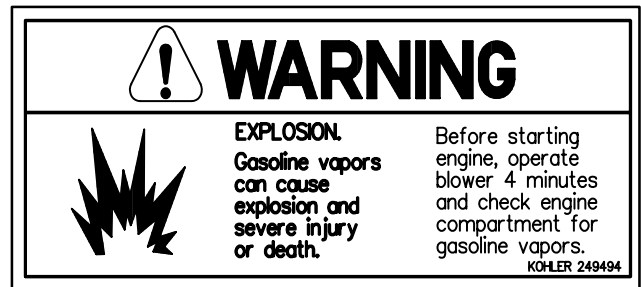


Figure 4. Warning Decal

6. Reconnect battery, negative lead last. Start/stop generator set using controller switch and remote switch. Monitor gauges for proper function. STOP generator set.

Parts Listing

Description	Qty.	Part Number
Panel, remote start and meter	1	A-267415
Gauge, water temp.	1	249440
Gauge, oil pressure	1	249438
Harness, panel wiring (w/male connector)	1	249331
Lamp, gauge	4	229396
Panel, cutout	1	249332
Switch, rocker	1	249330
Decal, warning	1	249494

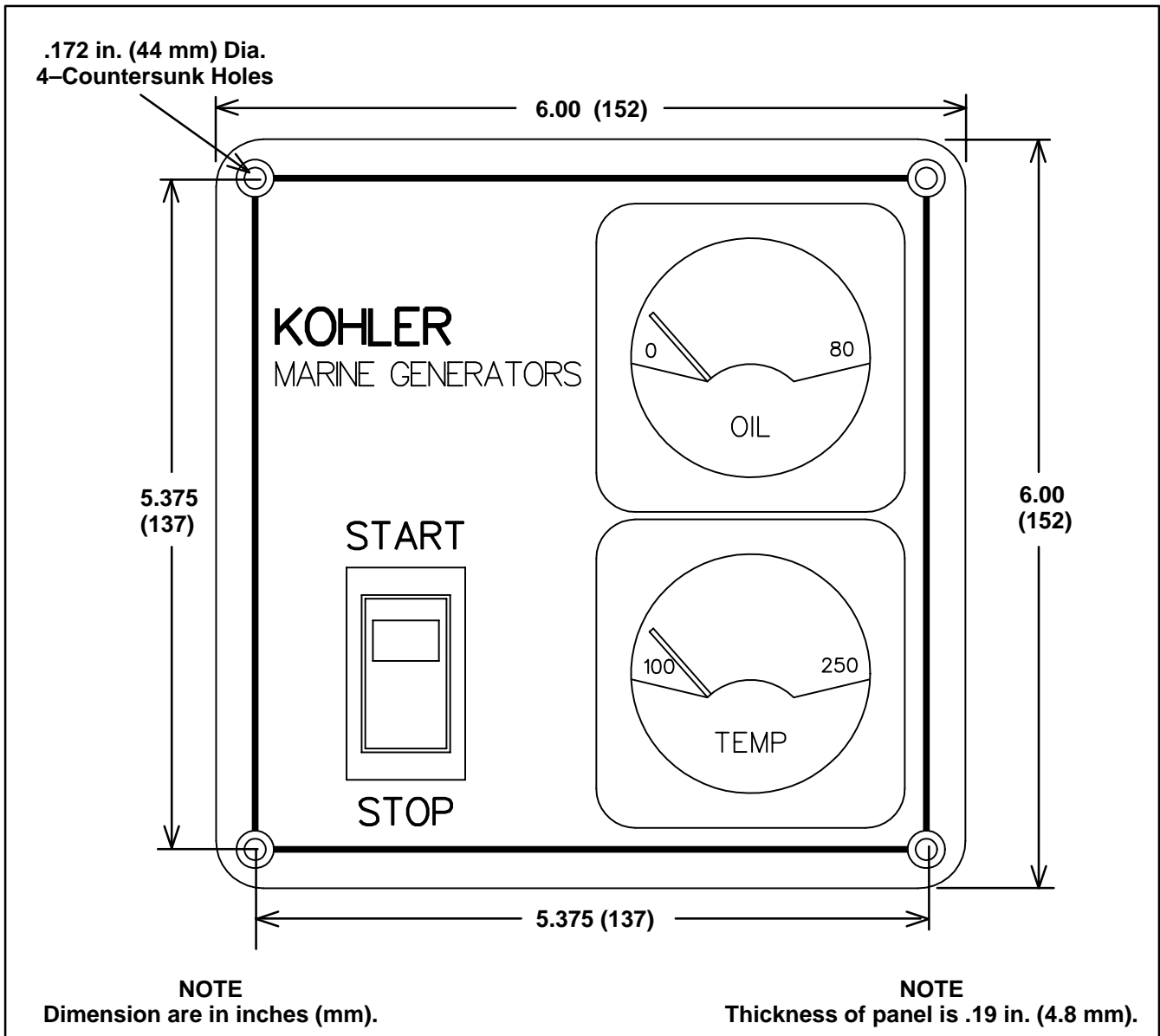


Figure 2. Meter Panel Mounting Dimensions

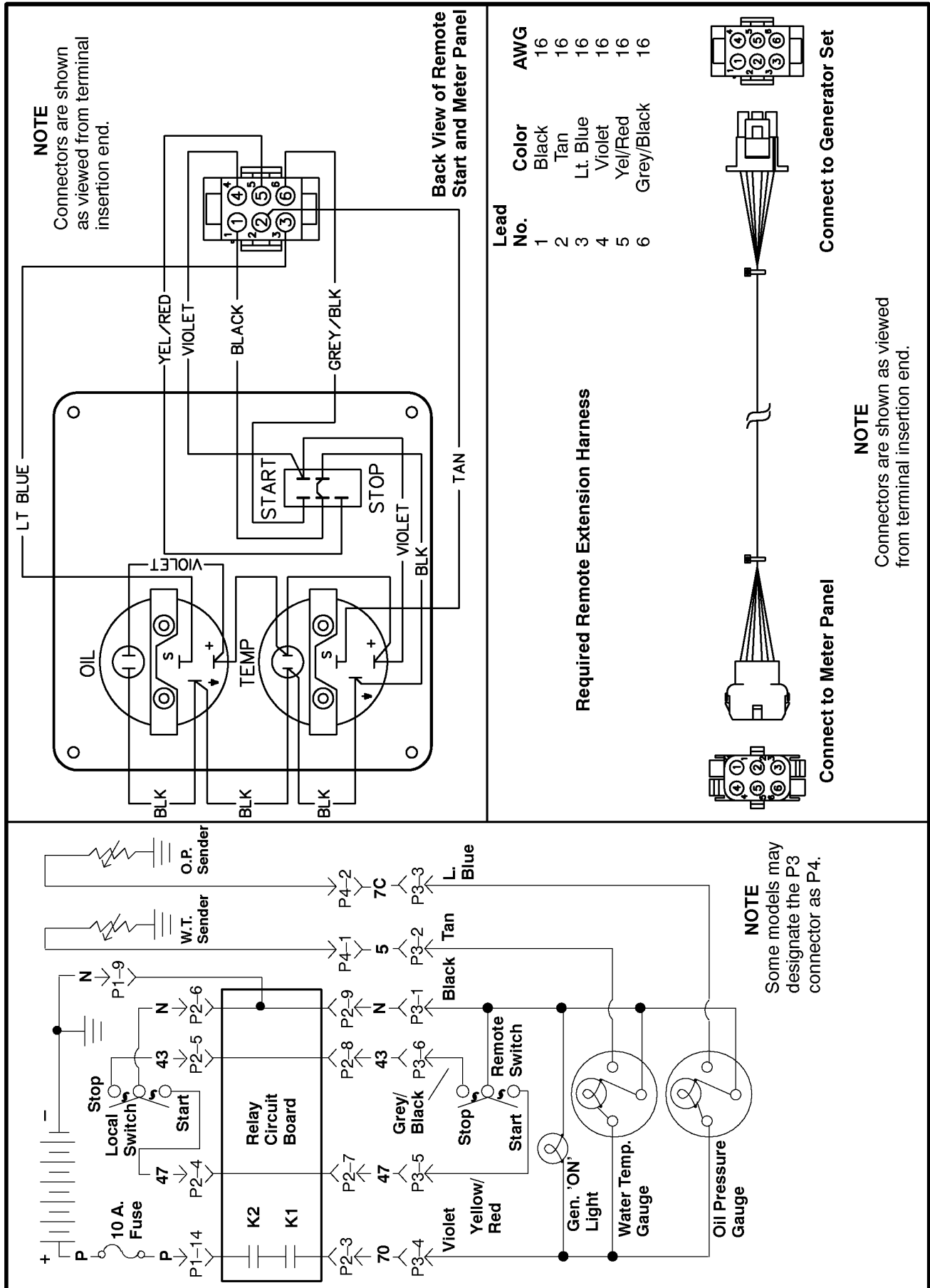


Figure 3. Electrical Connections