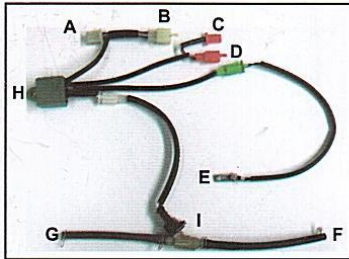


# PH6500Ri Cold Start Kit Installation Instructions

# POWERHOUSE®



### Tools required:

- Ratchet, with 8mm socket
- #2 screwdriver

### Kit Contents:

- Cold start valve assembly
- M5 x 20 screw (not used for PH6500Ri)
- M6 x 16 flange bolt

### Instructions:

1. Use a #2 Phillips screwdriver to remove eight (8) screws securing the control panel to the generator, and pull the panel outward.
2. Use a #2 Phillips screwdriver to remove the screws for the metal side panels (Fig. 2, red arrows—left metal panel shown). You must remove the right side panel for installation, but may also want to remove the left side panel to let more light in while you work.

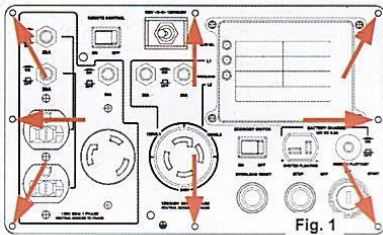


Fig. 1

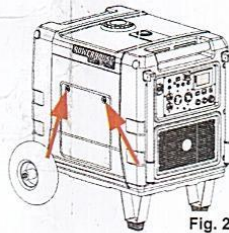


Fig. 2

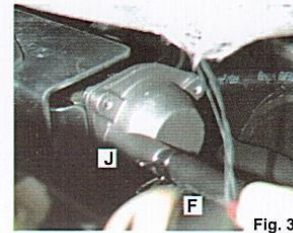


Fig. 3

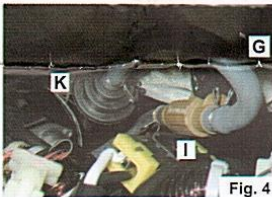


Fig. 4

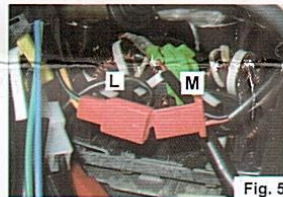


Fig. 5

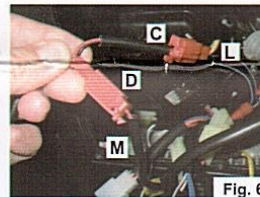


Fig. 6

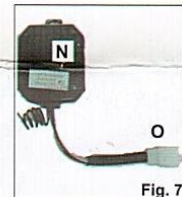


Fig. 7

3. Remove the black hose connecting the choke pod (Fig. 3, J) to the back pressure check valve (Fig. 4, K). Discard the hose.
4. Install the black hose (Fig. 3, F) of the cold start valve assembly (Fig. 4, I) to the choke pod (J) and the gray hose (Fig. 4, G) to the back pressure check valve (K).
5. Disconnect the red power wire that feeds the e-choke (Fig. 5, L & M), and connect both of those connectors to the red jumper wire connectors from the cold start kit (Fig. 6—C connects to L, and D connects to M).
6. Locate the remote receiver (Fig. 7, N) and its cable (Fig. 7, O).
7. Disconnect the white plug from the remote receiver wire (Fig. 8, O & P), and install the white jumper wire from the cold start kit to both of those connectors (Fig. 9—A connects to O, and B connects to P).
8. On the right side of the generator, install the temperature probe (E) by removing the M6 X 12 flange bolt (Fig. 10, Q) that holds the ground wires in place (Fig. 10, R).
9. Place the temperature probe (E) under both ground wires (R), and secure them all to the engine block with the M6 x 16 flange bolt included with your kit, to ensure that the threads on the engine block are not stripped out when tightening. Discard the M6 x 12 flange bolt.
10. The green connector block (H) should be stuffed behind the control panel (Fig. 1) before the control panel is reinstalled.
11. Reinstall the left and right metal side panels, and the control panel on the front of the generator by reversing steps 1–2.

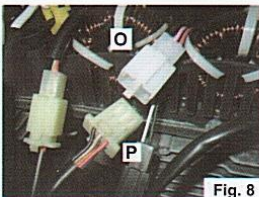


Fig. 8

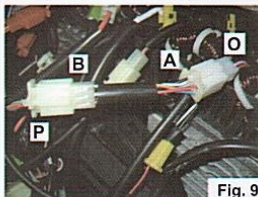


Fig. 9

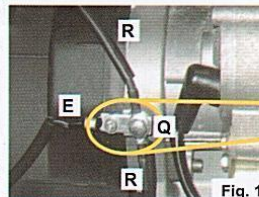


Fig. 10



Fig. 11