

SolarEdge Home Hub Three Phase Inverter ON/OFF/P Switch Replacement - Support Kit

This manual describes the procedure for replacing the Home Hub Single Phase Inverter ON/OFF/P Switch.

Revision History

- Version 1.0, August 2023 – Initial release.

Kit Contents

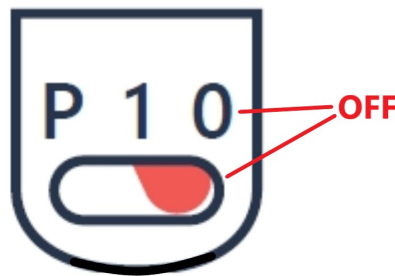
- Home Hub Single Phase Inverter ON/OFF/P Switch PN FLD-JP-SW-3WAY-48-KIT

Required Tools

- Torque screwdriver for 4mm hex bit
- 4mm hex bit
- 14mm socket with socket wrench

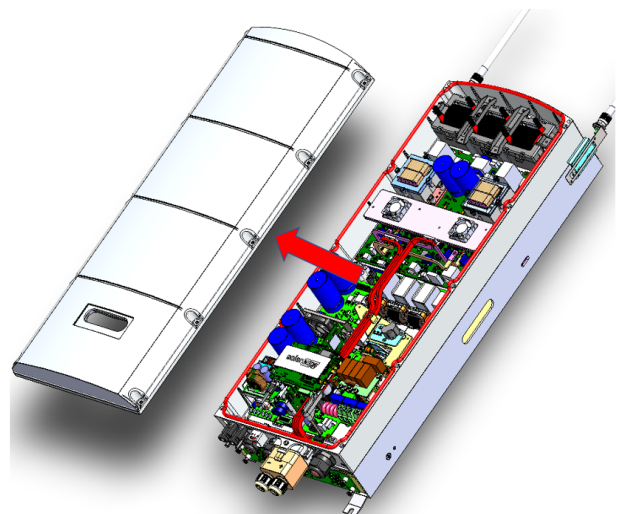
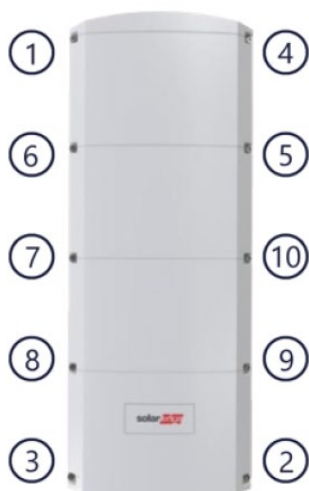
Removing the Inverter Cover

1. Set the ON/OFF/P Switch to "0" (OFF).
2. Turn OFF the main circuit breaker in the power distribution panel.
3. Wait at least five minutes for the voltage to drop to a safe level.



ON/OFF/P Switch

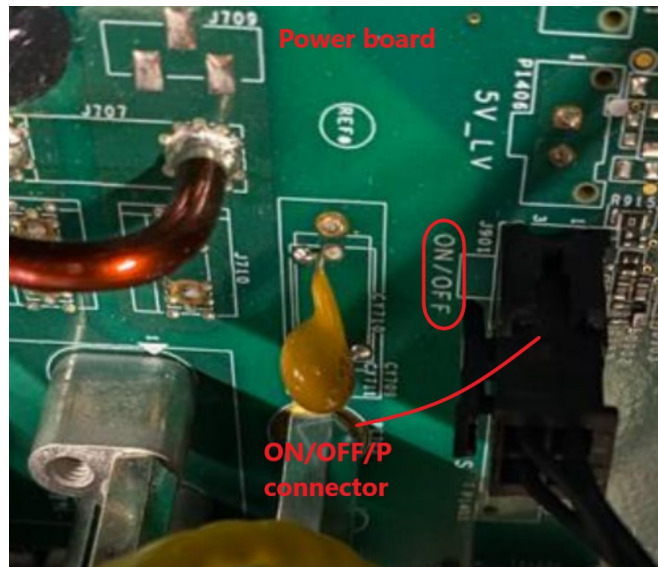
4. Using a 4mm hex bit, loosen the cover's captive screws in the sequence shown below.
5. Release all the screws and remove the cover.



Removing the Inverter Cover

Removing the Damaged ON/OFF/P Switch

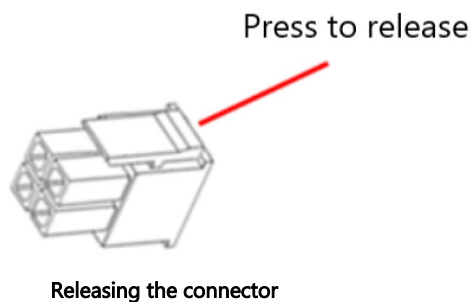
1. Follow the cables from the ON/OFF/P switch to its connector on the Power Board.



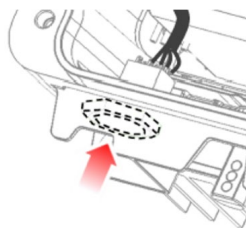
2. Disconnect the ON/OFF/P Switch power connector from the socket on the Power Board.

NOTE

- The connector is fitted with a locking mechanism. Press the lever to release the locking mechanism before trying to disconnect the connector from the socket.
- Do not pull on the wires to remove the connector from the socket.



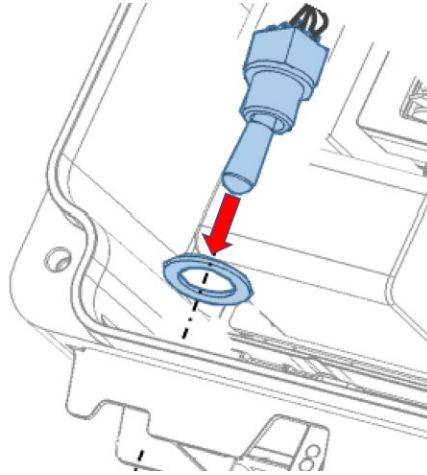
3. Using a 14mm socket and socket wrench, remove the nut holding the ON/OFF/P switch in place.



4. Remove the ON/OFF/P switch and cables.

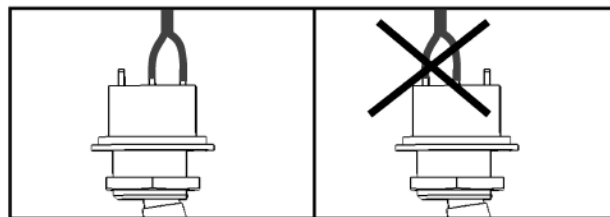
Installing the Replacement ON/OFF/P Toggle Switch and Cables

1. Insert the new switch into position from the inside of the inverter. Ensure that the seal is between the switch and the wall of the inverter.



Inserting the new Switch

2. Place the nut into position and tighten it by hand.
3. Using the 14mm socket wrench, tighten the nut to a torque of 1.3N·m (11.5lbf-in). Ensure that the switch is correctly oriented.

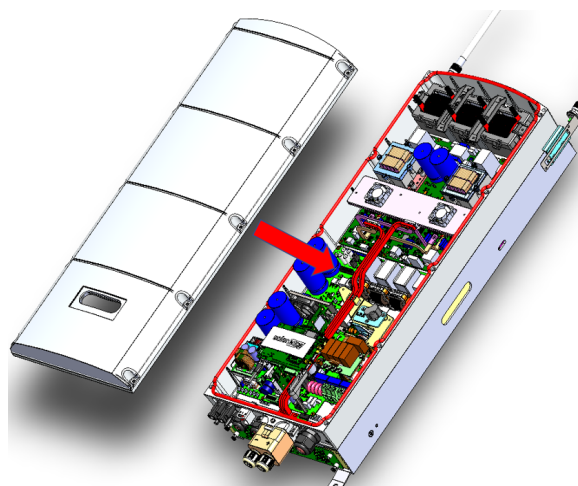


Correct orientation

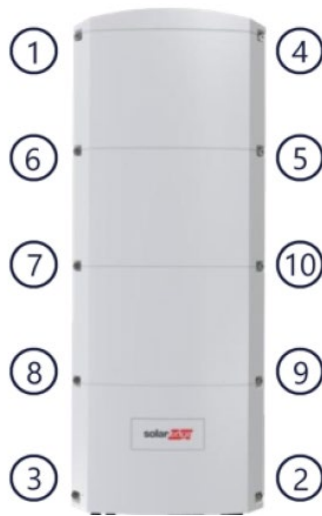
4. Connect the switch connector to its socket on the Power Board.
5. Using a cable tie, secure the cable harness together.

Reattaching the Cover

1. Place the Inverter cover in position and insert the screws.



2. Using a 4mm hex bit and a torque wrench, tighten the screws to a torque of 4N·m (35.4lbf·in).
3. Tighten the screws in the following sequence:



4. Turn ON the main AC circuit breaker.
5. Set the ON/OFF/P Switch to "1" (ON).