

ON/OFF/P Switch Replacement in Energy Hub Inverters

Kit Contents

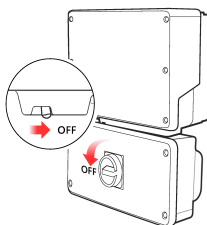
- ON/OFF/P switch with cables
- Mounting nut
- Gasket
- Plastic tie

Required Tools

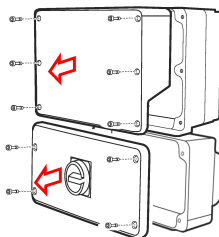
- 4mm Allen key
- Knife
- Pliers

Removing the Inverter and Connection Unit Covers

1. Turn off the ON/OFF/P switch. Wait 5 minutes.



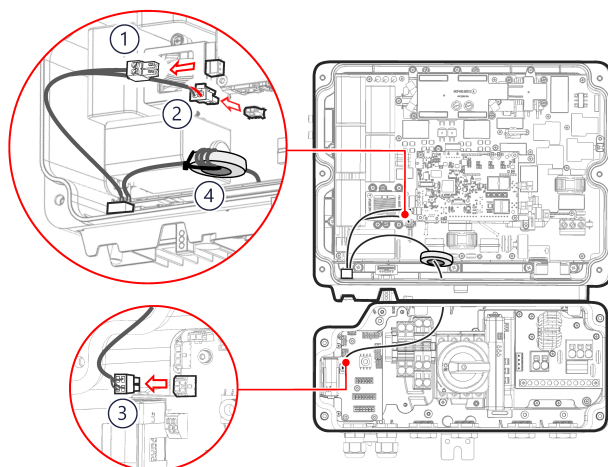
2. Turn off the DC switch on the Connection Unit.
3. Turn off AC to the inverter on the main distribution panel.
4. Release the Allen screws of the inverter cover and remove the cover.



5. Release the Allen screws of the Connection Unit cover and remove the cover.

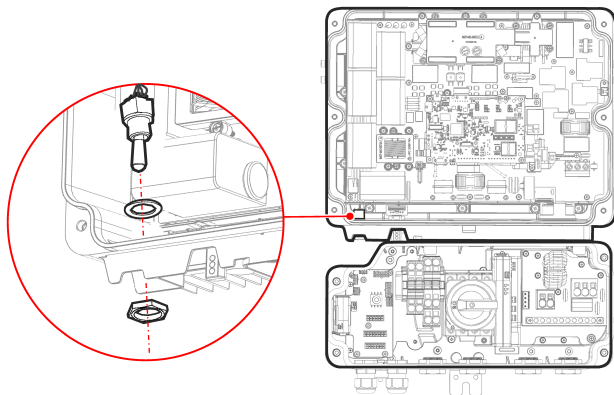
Removing the ON/OFF/P Switch

1. Disconnect cables (1) and (2) from the power board and communication board.



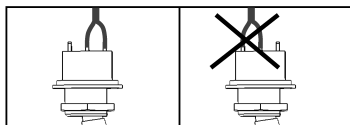
2. Disconnect cable (3) from the communication interface board in the Connection Unit.
3. Release cable (3) from ferrite bead (4) by cutting the plastic tie and unlooping the cable.
4. Pull cable (3) up from the Connection Unit.

5. Release the mounting nut using the pliers and remove the ON/OFF/P switch as shown below.



Installing the New ON/OFF/P Switch

1. Install the new switch, gasket, and mounting nut. Make sure the switch is correctly oriented.



2. Tighten the mounting nut with the pliers.
3. Connect cable (1) to the communication board.
4. Connect cable (2) to the power board.
5. Loop cable (3) three times around ferrite bead (4) and secure it with the plastic tie.
6. Pass cable (3) through the opening between the inverter and the Connection Unit.
7. Connect cable (3) to the communication interface board in the Connection Unit.
8. Mount the inverter cover and fasten it with the Allen screws to 8.4 N*m/74 lb*in.
9. Mount the Connection Unit cover and fasten it with the Allen screws to 8.4 N*m/74 lb*in.