

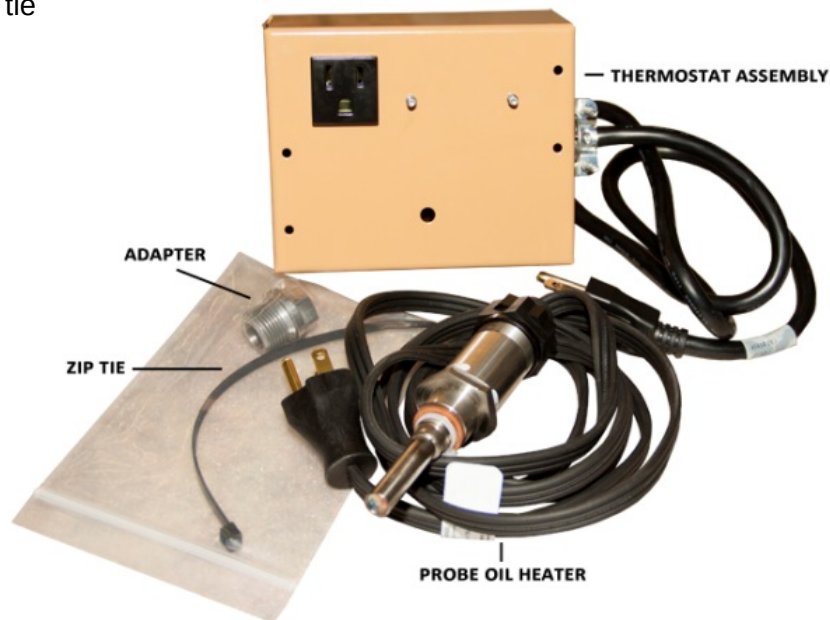
This work instruction document explains and shows how to install the oil heater components on the WINCO PSS12 and PSS20 models. It replaces the previous instruction document, WINCO #15809-103 for these products.

REQUIRED TOOLS

- Torx T25 screwdriver
- 7/16" socket
- 11/16" socket
- 16mm socket (substitute 5/8" socket for PSS20)
- Crescent wrench

INCLUDED PARTS

- Thermostat assembly
- Probe oil heater
- Adapter
- 1 zip tie



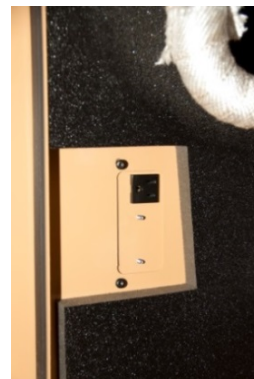
INSTALLATION

- 1) Switch generator to manual mode. Disconnect negative battery cable. This prevents the generator from starting automatically. Drain the oil.
- 2) Remove side panel bolts using 7/16" socket.



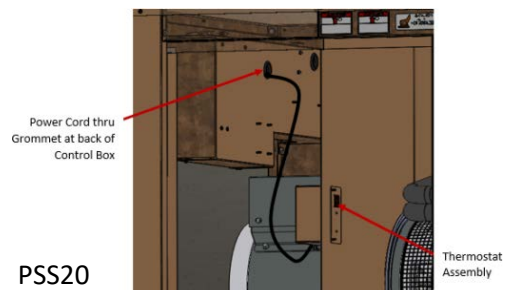
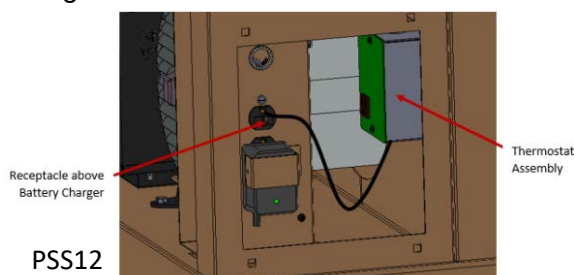
(inside view)

- 3) Using your Torx T25 screwdriver, remove the small panel on the oil drain valve side of the engine that is attached to the panel that separates the engine compartment from the control box. Using the same screws, install the thermostat assembly from the kit. TIP: These are self-tapping screws so they can be hard to install by hand. You may want to start the screw in the thermostat assembly before installing. Be careful not to over-torque.



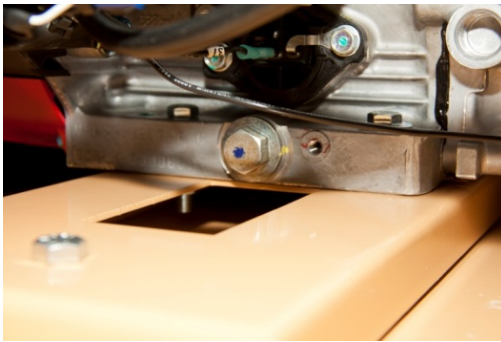
(installed receptacle)

- 4) Plug thermostat assembly into the receptacle above the battery charger as shown below. For the PSS12, this is located on the side of the control cabinet assembly. For the PSS20 models, the receptacle is located inside of the control box assembly, and the power cord needs to be routed from the thermostat assembly through the grommet in the back of the control box assembly and plugged in to the receptacle above the battery charger.



- 5) Remove the oil drain plug from the opposite side of the oil drain valve using 16mm socket (or 5/8" socket for PSS20).

For the PSS12 only, install provided adapter while using the washer from the oil plug with 11/16" socket.



- 6) Install oil heater and tighten with a crescent wrench.



- 7) Secure excess wire with provided zip-tie, refill oil, plug in the oil heater to the thermostat assembly, and reassemble unit.

