



Replacing an O2 sensor on a Cozy Cabin Heater

1. Disconnect black sparker wire from the O2 sensor spark electrode
2. Unscrew the thermocouple from the end of the valve. (8mm wrench)
3. Undo the brass nut on the pilot fuel supply line going to the O2 sensor (7/16" wrench)
4. Undo the screws connecting the O2 sensor unit to the brass shroud. Make sure to do this on a desk or table so that the nuts, spacers and lock-washers don't get lost.
5. Attach new O2 sensor unit in this order
 - Put screws through shroud
 - place steel spacers over screws
 - place O2 sensor onto screws resting on spacers
 - put lock-washer onto screws and tighten 6/32 nuts onto screws (5/16" wrench)
6. Re-attach pilot fuel supply line to O2 sensor unit. Use a thread locker such as loctite.
7. Reconnect thermocouple to end of valve. Bend excess line out of way but take care not to kink line or else the thermocouple will not work.
8. Reconnect black sparker wire to O2 sensor spark electrode.