

SIT Pilot Assembly Retrofit - # 307 & 309 (Replaces R. Shaw Pilot Asbly) (See SKU's Below)

Check Condition of Shipment

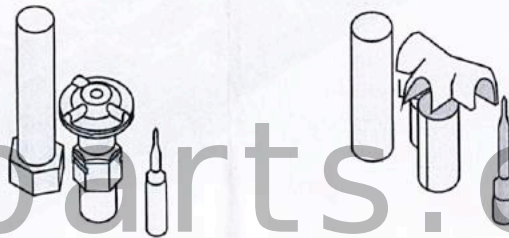
Upon receipt of this kit, check the condition of the packaging. Damage to the package should be noted on the carrier's freight receipt. Any damage claims as a result of shipping must be handled through the shipper. Travis Industries will provide assistance in resolving shipping claims or replacing items not included in the package. Please report any missing items immediately.

Compatibility

This kit contains a SIT pilot mounting plate for the models listed below. This allows the SIT pilot assembly to be mounted to heaters originally designed for the Robert Shaw pilot assembly. After this kit is installed, use SIT pilot replacement parts. NOTE: if the model addressed is not listed below, you will need a different kit.

SIT Pilot Assembly

Robert Shaw Pilot Assembly



SKU 93007307

- DVL Insert 1998 Serial #'s 550,001 - 558,641
- DVL Fireplace 1996 Serial #'s 725,000 - 726,288

SKU 93007309

- Salish DV 1999 Serial #'s 36000-36306
- Heritage Bay DVL FS 1998 Serial #'s 63501-65856
- 36 DVXL 1998 Serial #'s 320001-331037

Items Needed for Installation

- 7/16", 3/8" Open End Wrench
- Standard Screwdriver (large & small)
- 1/4" Nutdriver

Packing List:

- SIT Pilot Assembly
- SIT Pilot Mounting Bracket (# 307 version)
- LP Pilot Orifice
- SIT Pilot Assembly Gasket
- Mounting Bracket Gasket

Installation Instructions:

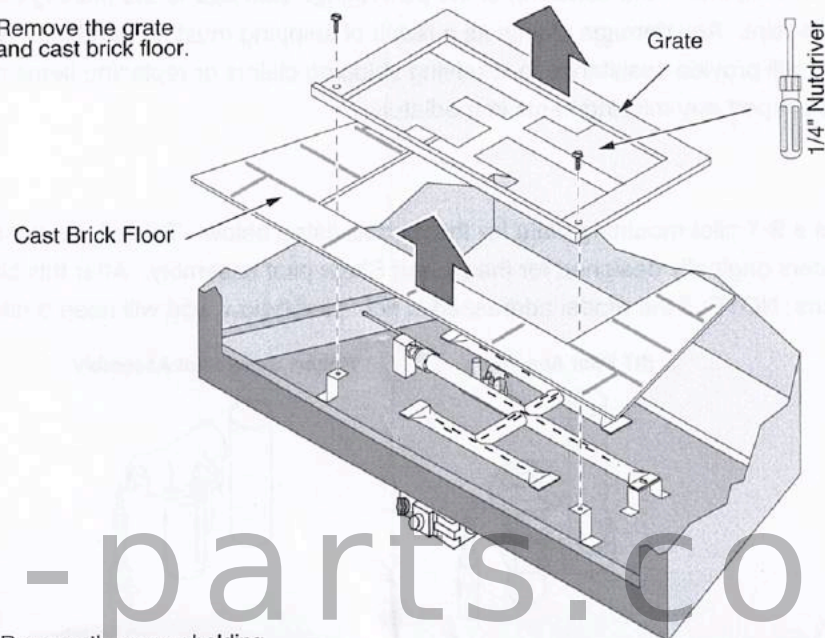
Warning: Shut off the gas to the appliance prior to conducting service.

- 1 Remove the log set and embers (see the owner's manual for details).

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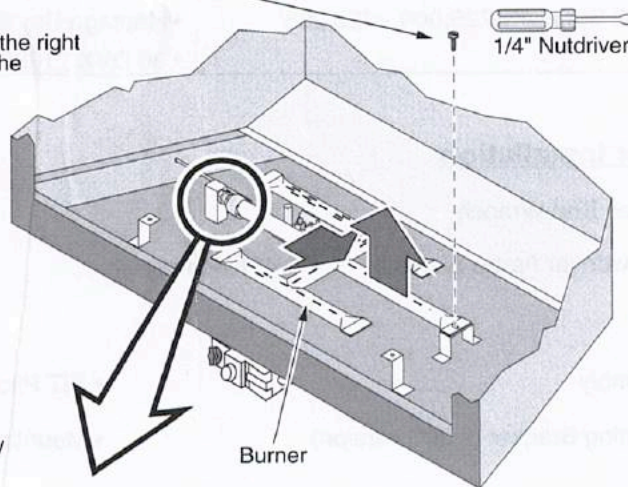
2 Remove the burner following the directions below:

- (a) Remove the grate and cast brick floor.

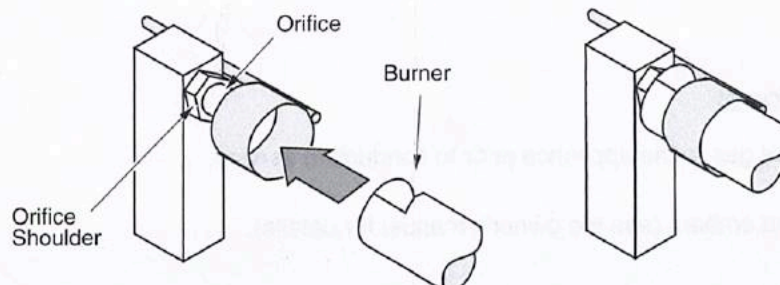


- (b) Remove the screw holding the burner in place.

- (c) Slide the burner to the right and up to remove the burner.

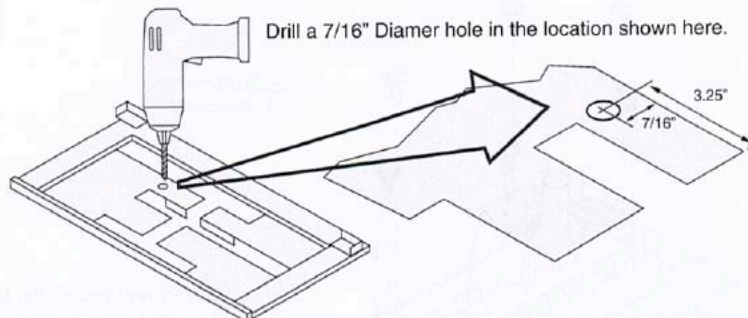


NOTE:
When replacing the burner, make sure the burner inserts all the way up against the orifice shoulder.

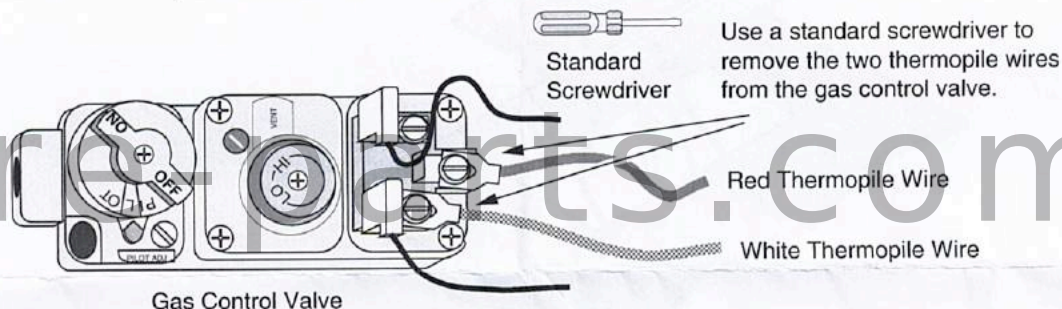


SIT Pilot Assembly Retrofit - # 307 & 309 (Replaces R. Shaw Pilot Asbly) (See SKU's Below)

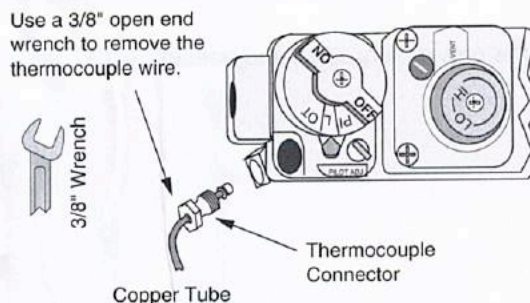
- 3 Drill a 7/16" hole into the grate at the location indicated below (this allows clearance for the thermopile).



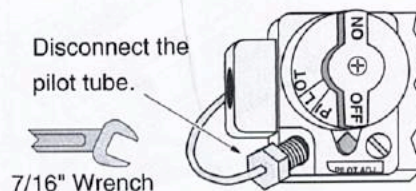
- 4 Disconnect the thermopile wires.



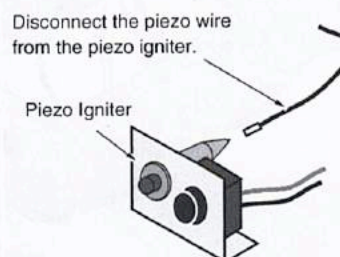
- 5 Disconnect the thermocouple wire.



- 6 Disconnect the pilot tube.

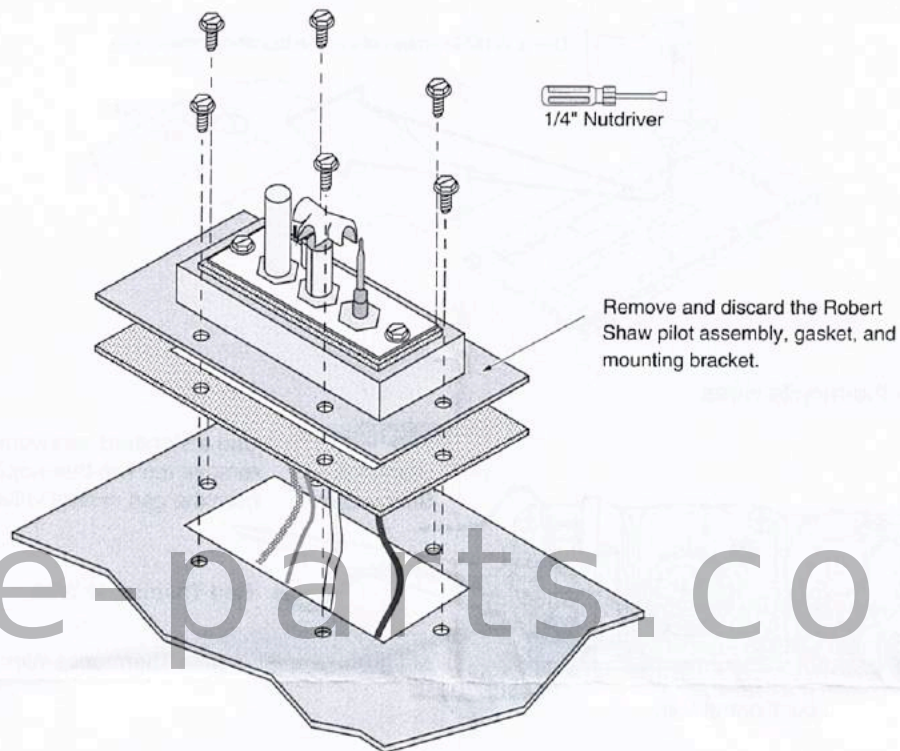


- 7 Disconnect the piezo wire.

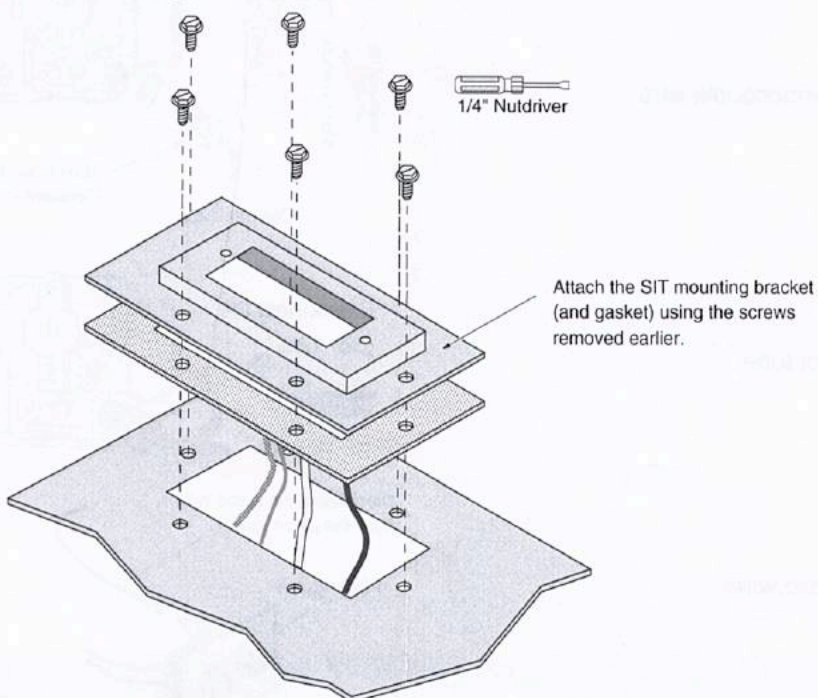


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- 8 Remove and discard the Robert Shaw Pilot Assembly (including the bracket, gasket, wires and pilot tube) following the directions below.

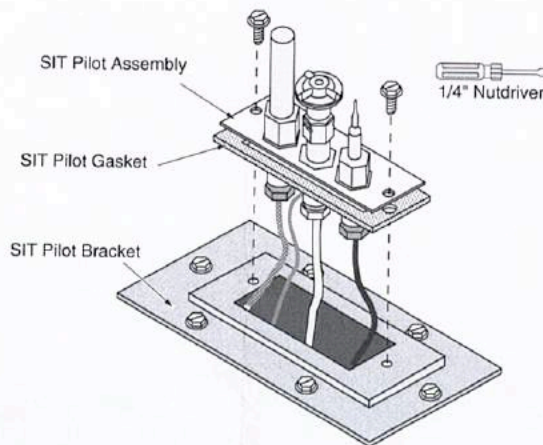


- 9 Attach the new pilot bracket and gasket.



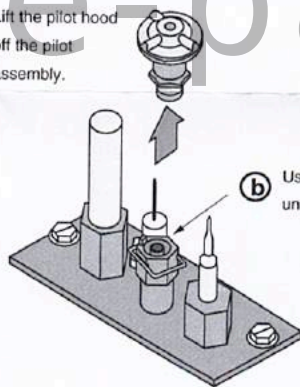
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- 10 Thread the pilot tube, thermocouple, thermopile, and igniter wire through the pilot bracket. Attach each of these to the appropriate connection. Attach the SIT Pilot Assembly to the bracket following the directions below.



- 11 If using propane (LP), install the LP pilot orifice following the directions below.

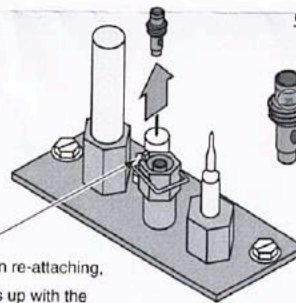
(a) Lift the pilot hood off the pilot assembly.



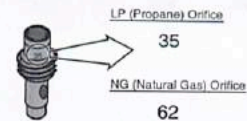
(b) Use a hex wrench to unscrew the orifice.



(c) Remove the orifice and replace with the LP orifice. Screw the orifice all the way in and replace the pilot hood.



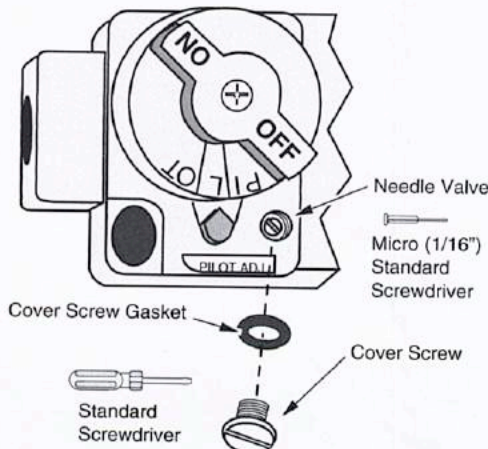
Orifice Identification:



NOTE: when re-attaching, this pin lines up with the notch in the pilot hood.

- 12 Install the burner (and firebox components). Start the heater and thoroughly leak-test all gas connections (especially the pilot tube connections). Check the pilot. Adjust if necessary.

To adjust the pilot flame, remove the cover screw and gasket and turn the needle valve (NOTE: if the needle valve is totally unscrewed, gas will come out of this port). Clockwise lowers the flame while counter-clockwise raises it. Replace the cover screw and gasket.



The pilot flame must contact the thermocouple and thermopile (see the illustration below). Adjust the pilot up or down as necessary.

