FPPK Pilot Assembly Replacement

Install Confidence.

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Caution - Repair must be performed by a qualified service technician.

Major Steps Tools needed to replace or install new igniter assembly

- 3/8" wrench
- 7/16" wrench
- 5/16" nut driver
- d. Phillips screw driver

Removing old pilot assembly:

- Shut off fuel before proceeding
- Use a 3/8" wrench to remove thermocouple
- Use a 7/16" wrench to remove pilot tube
- Disconnect spark igniter from igniter module

New pilot assembly with use of transition plate:

NOTE: The transition plate is only necessary if converting rectangular pilot shroud with smaller pilot shroud. See Fig. 2 for example of assembly stack up.

- Attach transition plate to existing hole for pilot in pan
- Slide new pilot assembly through hole of transition plate and mount pilot assembly to plate

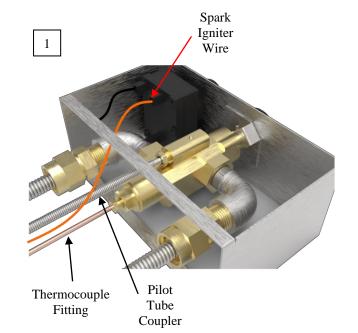
Installing new pilot assembly:

- 1) Connecting pilot tube to valve
 - Install new 433 compression fitting
 - Insert tube into compression fitting until it stops.
 - Tighten the compression fitting using a 7/16" wrench 1 full turn (or until compression is tight)
 - As a guide make a mark on the compression nut to help assist the amount of rotations.
 - Pull and twist pilot tube to ensure that tube is tight.
- Connect the thermocouple to the valve
 - Tighten to snug using a 3/8" wrench.
 - Ensure thermocouple nut adaptor is installed to ensure correct threads (if applicable)
 - Over tightening will damage the connection
 - Hand tighten, then using a 3/8" wrench tighten 2 flats on nut or until snug fit
- Connect spark igniter to spark module
 - Ensure that connector is fully seated onto module
- Turn on fuel 4)

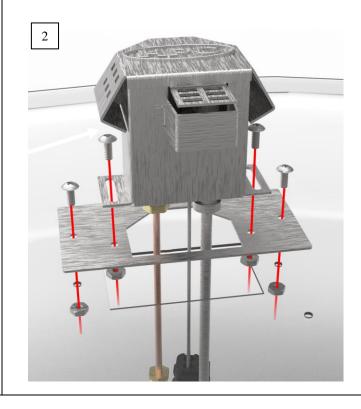


Caution:

- Thoroughly check connections for leaks with leak detector.
- No thread sealer is required for installation.



Graphics/Key Points



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