

How to switch from an ignitor assembly without grommet to a new style ignitor assembly with grommet on a power vent water heater

You will need to have the following parts on hands:

- New style ignitor assembly with grommet Part number: 58000155-A
- Conversion access door with grommet hole (UG40) Part number: 99000161-A
or
- Conversion access door with grommet hole (UG50/UG60) Part number: 99000162-A

Step-by-step procedure:

1. Shut down your water heater by unplugging the power cord from the wall receptacle.
2. Turn "OFF" the gas supply.
3. Remove the outer access door from the combustion chamber.
4. Disconnect the ignitor assembly wire connector from the gas control.
5. Disconnect the two (2) wires from the ignitor assembly to the flammable vapor sensor by removing the protective cover and the flammable vapor sensor.
6. Remove the right portion of the combustion chamber inner access door by: first removing the two (2) screws on the right side of the door and secondly removing the two (2) screws joining the two (2) access doors together.
7. Unscrew the gas manifold fitting from the gas control.
8. Remove the burner assembly from the combustion chamber. Take special care of the gasket when passing the burner into the opening.
9. Remove the ignitor assembly (without grommet) from the burner assembly.
10. Join the new ignitor assembly with grommet to the conversion access door by pushing the grommet into the door hole from inside out.
11. Install the new ignitor assembly (with grommet) on the burner assembly.
12. Put the burner assembly back into the combustion chamber ensuring that the flat end of the manifold tube is inserted in the slot of the manifold bracket welded in the combustion chamber.
13. Screw the gas manifold fitting into the gas control.
14. Install the conversion access door on the combustion chamber and make sure it completely seals the opening.
15. Connect the ignitor assembly wire connector to the gas control.
16. Connect the two (2) wires from the ignitor assembly to the flammable vapor sensor and re-install the flammable vapor sensor as well as protective cover.
17. Install the outer access door to the combustion chamber.
18. Turn "ON" the gas supply.
19. Plug the power cord in the wall receptacle.
20. Leak test the gas connections before placing the water heater in operation.