
PRESTIGE TriMax Control Pressure Gauge Replacement

**Kit Part Number:**

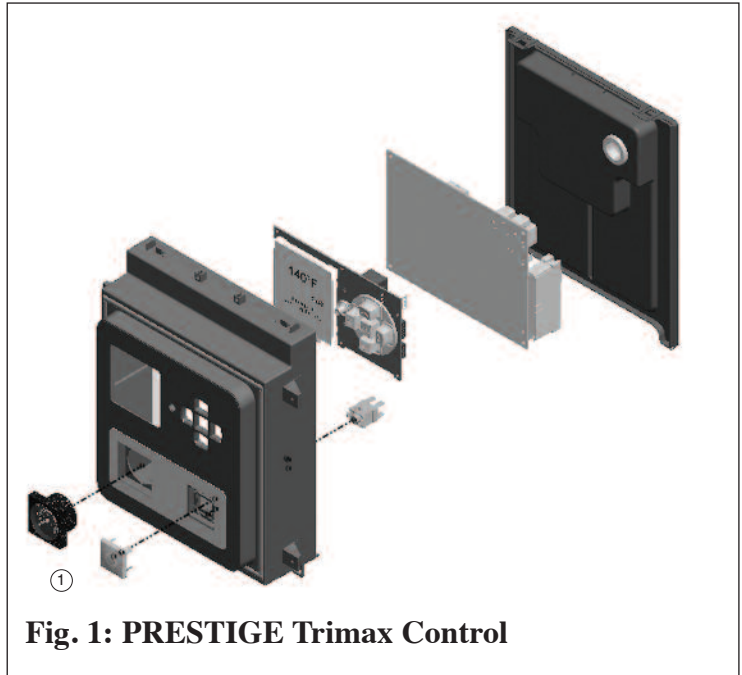
- PTRKIT109 - All except Solo 399
- PTRKIT110 - Solo 399

Parts List (Fig.1)

1 - Pressure Gauge and Fitting

Recommended Tools:

- Phillips Screwdriver

**⚠ WARNING**

Indicates a potentially hazardous situation which, if ignored, can result in serious injury or substantial property damage.

NOTICE

Indicates special instructions on installation, operation or maintenance, which are important to equipment but not related to personal injury hazards.

⚠ WARNING

For your safety, turn off electrical power supply at service panel before proceeding to avoid possible electrical shock hazard. Failure to do so can cause severe personal injury or death.

⚠ WARNING

Failure to follow instructions below can result in severe personal injury or damage if ignored.

- Instructions are for a qualified installer/ service technician.
- Read all instructions before proceeding.
- Follow instructions in proper order.

⚠ WARNING

For your safety, the boiler may be extremely hot. Ensure the boiler has properly cool prior to servicing. Failure to do so can cause severe personal injury.

NOTICE

These part kits PTRKIT109 and PTRKIT110 can only be used on Prestige Boilers with serial numbers beginning with PT.

PRESTIGE TriMax Control Pressure Gauge Replacement

Removal of Pressure Gauge and Fitting.

1. Turn the electrical power “OFF”.
2. Remove the front jacket panel by removing the thumb screw along the upper edge of the unit. Lift it up and tilt back slightly to remove the front panel.
3. Slide left and right tabs of control panel inward and lower control panel. See Fig. 2.
4. Disconnect the ignition cable by grasping the wire and pulling firmly upwards from the back of the control box. Use care not to damage the ignition cable or ignition terminal.

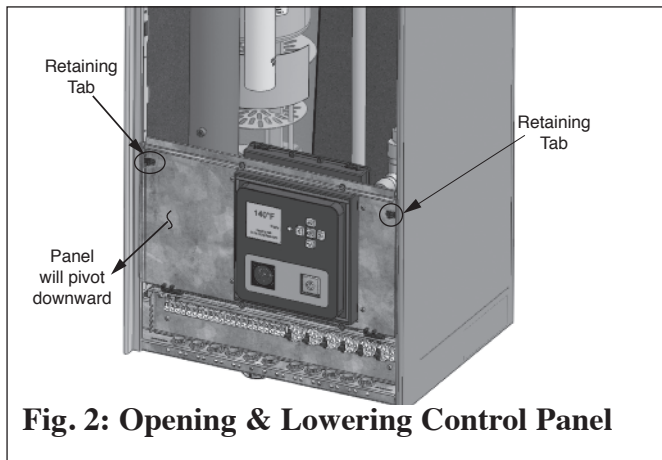


Fig. 2: Opening & Lowering Control Panel

5. Pull the retaining tabs on top of the rear cover to remove the rear control box cover. See Fig. 3.

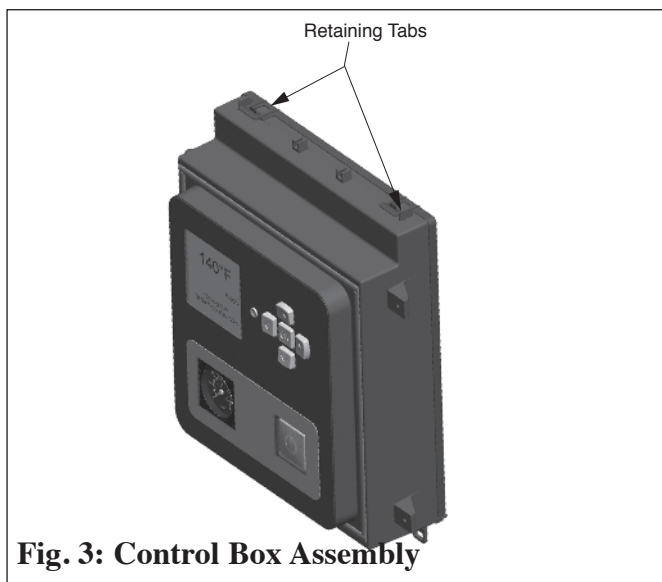


Fig. 3: Control Box Assembly

Note: In case one cannot access the pressure gauge on the back of the control panel directly, go to step 8.

6. Unscrew the union nut connecting the pressure gauge fitting to the return piping.
7. Push the tabs located on the side of the pressure gauge, and carefully pull out the gauge and capillary piping.

Removal of Trimax Control Module

8. Label and remove all (8) Molex wiring connectors from the Control Module. Support Trimax Control Module with one hand while removing individual Molex connectors. Use tabs on Molex plugs for quick release. See Fig. 4

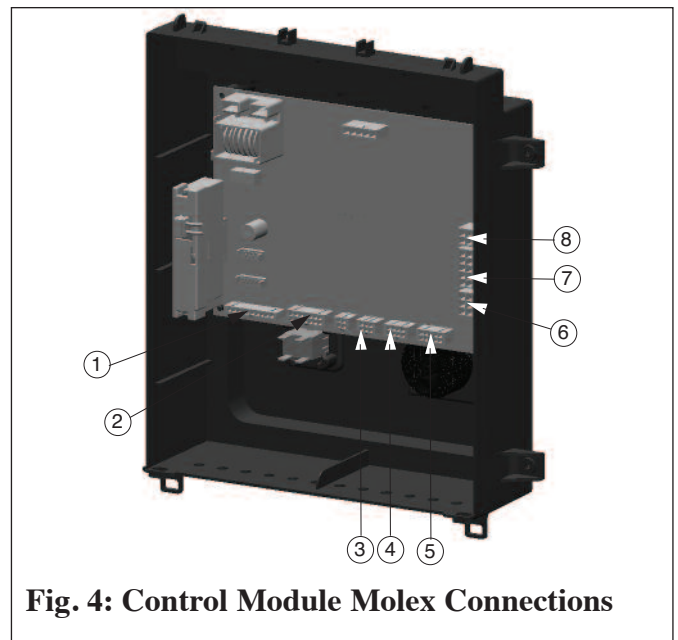
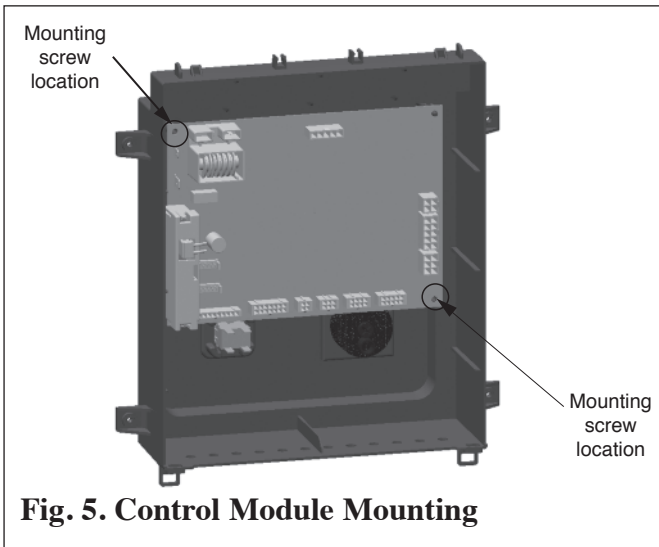


Fig. 4: Control Module Molex Connections

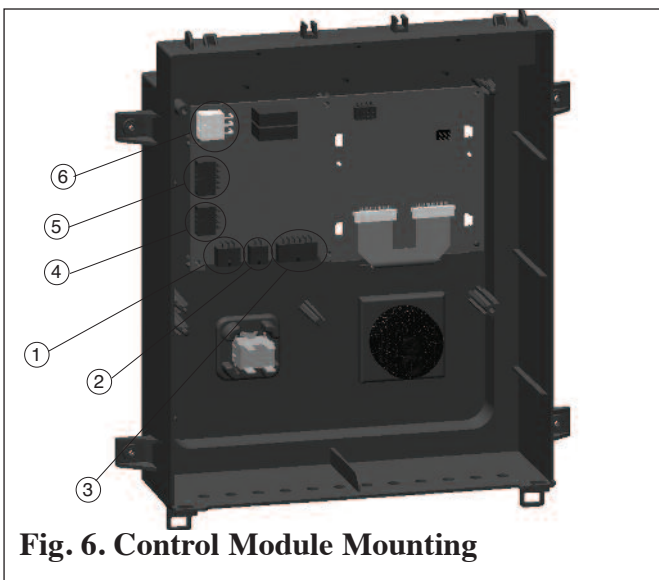
9. Remove the 2 screws securing the Control Module into the enclosure and remove the Control Module. Do not discard the Trimax Control Module. See Fig. 5.

PRESTIGE TriMax Control Pressure Gauge Replacement



Installation of the Prestige Trimax Pressure Gauge

10. Guide the pressure fitting through the display panel opening to the return piping. Be careful not to kink the capillary piping.
11. Mount the new pressure gauge into its location on the enclosure (push in the tabs). Make sure the pressure display is oriented properly.
12. Insert the pressure fitting into the return piping.
13. Tighten the union nut of the new pressure fitting to the return piping.



Note: If the Trimax Control Module was removed, follow step below. Else proceed to step 17.

Installation of Trimax Control Module

14. Mount the Trimax Control Module into the enclosure by positioning the board onto the protruding pins.
15. Use existing mounting screws to secure the Control Module.
16. Reconnect the 8 Molex connectors to proper positions as shown in Fig. 4. Each connector is designed to fit only in its respective mating connector.
17. Place the rear cover in place and lock in the top retaining tabs.
18. Push ignition cable in place onto the Control Module ignition connector.
19. Tilt control panel assembly upward and lock sliding tabs in place.
20. Remount the front jacket panel to the boiler.
21. Turn power to the unit “ON” and return the boiler to service.