

ECR97 PRESSURE SWITCH KIT INSTRUCTIONS

ECR97 - 075/100 Kit #550002193

⚠ WARNING

Kit shall be installed by qualified service agency in accordance with manufacturer's instructions and all applicable codes and requirements of authority having jurisdiction. If information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. Qualified service agency is responsible for proper installation of this kit.

Pressure Switch Kit:

1. Tools required:
 - 1/4" nut driver, wrench or socket
 - Pliers or hose clamp tool
2. Follow instructions To Turn Off Gas to Appliance found on Operating Instructions label inside jacket or in Installation, Operation & Maintenance Manual.
3. Remove jacket from boiler. Grasp front cover at lip behind plastic smoke-colored control cover. Pull forward to release snap action latches. Lift jacket up and off bottom jacket rest.
4. Note terminal location on pressure switch. Remove two orange wires from terminals 1C and 2NO.
5. Remove two mounting screws leaving two pressure hoses attached. Swing pressure switch out of boiler. See Figure 1.
6. Remove two rotor clamps from hoses. Disconnect positive (+/P1) hose from old switch and attach to positive (+/P1) on new switch. Repeat process for negative (-/P2) hose. Secure hoses with rotor clamps.
 - (+/P1) - from pressure switch to barbed fitting on air/fuel inlet, top of heat exchanger.
 - (-/P2) - from pressure switch to condensate collector barb fitting.
7. Attach pressure switch to chassis with two screws.
8. Attach two orange wires to terminals 1C and 2NO (reversible). See Figure 2.
9. Follow start-up instructions in Installation, Operation and Maintenance manual to restore and verify operation.

NOTICE

Verify proper operation after servicing.

10. Re-attach jacket.

Figure 1 - Pressure Switch

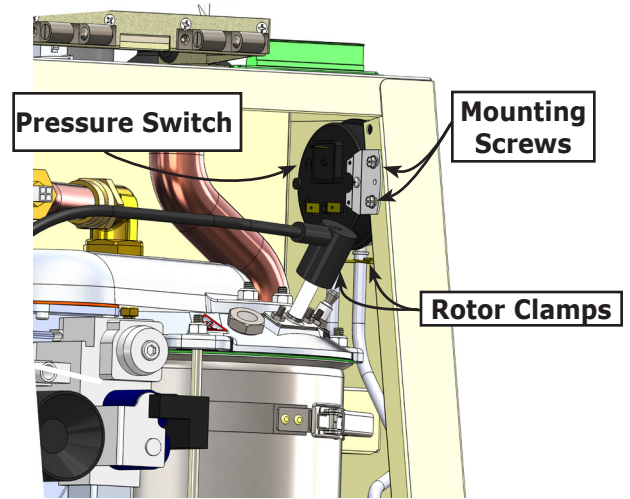
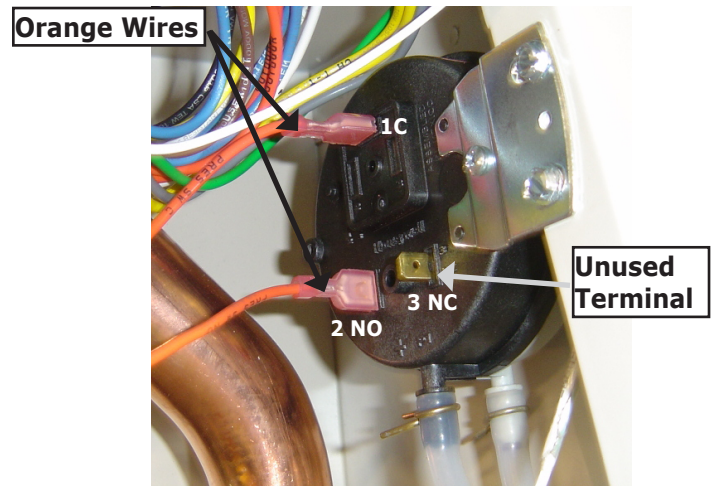


Figure 2 - Pressure Switch



PARTS LIST

ECR97 Pressure Switch Kit #550002193		
DESCRIPTION	PART #	QTY
Screw, Self Tapping 8-32x3/8 Slot	-	2
Rotor Clamps HC5ST-R	1110001	2
Switch, Pressure	-	1
Instructions	240008595	1

ISO 9001-2008 Certified Company

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