

REPLACING FLOW SWITCH

MODELS: RP1, RP2, RP3, RP7, RP9, AE9.5,
AE3.4, AE7.2, RP1P, RP2P, RP3P,
RP7P, RP9P



WARNING

ELECTRICITY IS EXTREMELY DANGEROUS
SO TAKE EXTRA PRECAUTIONS WHEN
PERFORMING ANY WORK TO THE HEATER

TOOLS: multi-bit screwdriver
needle-nose pliers
12mm wrench
adjustable wrench

READ ENTIRE BULLETIN BEFORE YOU BEGIN

1. **Shut off power and water.**
2. Loosen the two screws on the right and left side of cover. Remove cover.
3. Locate silver phillips head screw at base of the flow switch and remove it. (see diagram)
4. Before disconnecting take careful note of the two brown push-on type wire locations, (attach masking tape markings to wires to help note position). These heavy brown wires are furthest to the left. Neon light unsnaps from colored plastic clip (see diagram).
5. To disconnect the water connections loosen both 12mm nuts on right hand side of the thin copper tubes (see diagram). The flow switch can now slide to the left approximately 3/4" --remove from heater. Be certain to save both 12mm nuts for re-use. Remove both neoprene washers and replace with the new ones included.
6. Install new switch in reverse order, first placing the 12mm nuts and then the neoprene washers over the thin copper tubes. Tighten nuts evenly and snugly to seat washers. Carefully re-connect wires to their proper location on the flow switch and clip neon bulb into holder. Re-attach silver phillips head screw to the base of the flow switch bracket. Examine and verify wiring one last time.
7. Turn on water and check for leaks, then turn on power and check operation of heater.

