

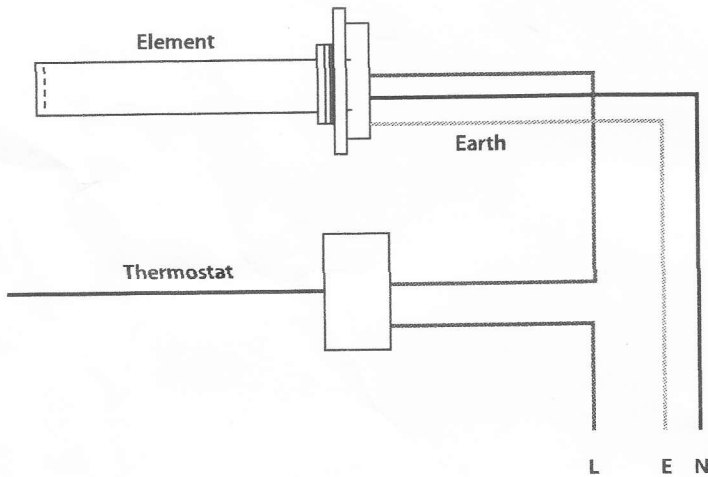
Flange type element

Tools needed:

- Phillips screwdriver
- Socket wrench
- Your new element
- Garden hose
- Volt meter or circuit tester (to make sure power is off)

Be sure to use the same wattage, voltage, and flange style as your previous element.

1. Shut **OFF** electric power to water heater.
2. Shut **OFF** cold water supply to water heater, open hot water faucet, attach hose to drain valve, open drain valve on water heater and drain water.
3. Remove access cover and fold back insulation.
4. Check wires with volt meter/circuit tester for power before attempting to remove wires.
5. Disconnect electric wires from element.
6. Remove element mounting bolts using socket wrench. Note position of thermostat bracket to be reinstalled later.
7. Clean gasket area in tank.
8. Install gasket into recess in tank.
9. Install element and thermostat bracket. Tighten bolts in diagonal pattern.
10. Close drain valve and turn **ON** cold water supply.
11. Allow all trapped air to escape from open hot water faucet until water has a constant flow. Close hot water faucet.



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If leakage occurs, shut OFF cold water supply and tighten bolts or reposition gasket.

12. Secure thermostat firmly against tank surface and under prongs of thermostat bracket.
13. Inspect wiring. If corrosion is present on wiring, cut and strip wire 1/2" (Only if wire is long enough). If corrosion is still present, or wire is not long enough consult electrician for wire replacement and wire gauge selection.

Loose, corroded or faulty wiring connections can cause heat buildup or fire at wiring terminals.

14. Connect electric wires to element. Tighten screws.
15. Replace plastic terminal protector.
16. Replace insulation and access cover.

Tank must be properly filled with water and free of air before applying electric power to prevent element damage.

17. Turn **ON** electric power to water heater.

DC
 WHITE +
 BLUE -

AC
 RED - LIVE
 BLACK - NEUTRAL