

# ELECTRIC WATER HEATER TUNE-UP KIT

## SDUV20018

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**CAUTION:** BEFORE STARTING INSTALLATION, TURN OFF POWER AT THE BREAKER OR FUSE PANEL. FAILURE TO DO SO MAY RESULT IN SEVERE INJURY.

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## ELECTRIC THERMOSTAT INSTALLATION

1. Before servicing the water heater, **DISCONNECT/TURN OFF** the main electric power breaker feeding the water heater.
2. Before servicing the water heater thermostat, verify with a volt meter that voltage/power has been disconnected to the water heater.
3. For replacement, be sure you have selected the same **IDENTICAL** thermostat type as on the water heater. **PLEASE NOTE:** Upper thermostats are usually not the same as the lower thermostat.
4. Disconnect the thermostat leads. **PRO TIP:** Tag the leads before removal from the screw terminals to eliminate incorrect wiring problems.
5. Remove and replace the thermostat from the thermostat bracket. Rewire per diagram in the *Use and Care* booklet that came with the water heater or use your tagged leads.
6. Double-check to be sure that your wire connects are correct and they are firm and tight.
7. Reestablish the electric power to the water heater.
8. Replace the protective cover to the thermostat.
9. Cycle test the water heater to be certain of proper operation.

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## ELECTRIC ELEMENT INSTALLATION

1. Be sure to use the same element flange, gasket type, wattage, and voltage as on the unit being replaced.
2. Before servicing the water heater element, verify with a volt meter that voltage/power has been disconnected to the water heater.
3. Shut off cold water supply to the water heater, open nearby hot water faucet, open drain valve on water heater, and drain water to a point below the element being replaced.
4. Remove front panel(s) and fold back or remove insulation.
5. Remove thermostat covers.
6. Disconnect wires from element (noting exact position and color).
7. Remove elements using 1-1/2" socket for screw-in type, or 3/8" socket for four bolt type.
8. Be sure surfaces of coupling flange and new element flange are clean. With new gasket in place, reverse process of steps 4, 5, 6, and 7.
9. With hot faucet open to free trapped air, turn on cold water supply to heater and gill tank. Shut off faucet only after getting a constant flow without air. Failure to properly fill tank can result in element damage and failure.
10. Restore power to water heater.