

Service Bulletin: TWH-G2-15

Model: 250SX, 250SXO, 635ES, 635ESO, 2400E, 2400EO

E1 Error Code Troubleshooting



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Introduction

Follow the procedures below and report results to Bosch Technical Support. This will assist in determining the cause and solution to the problem.

E1 Error code explanation:

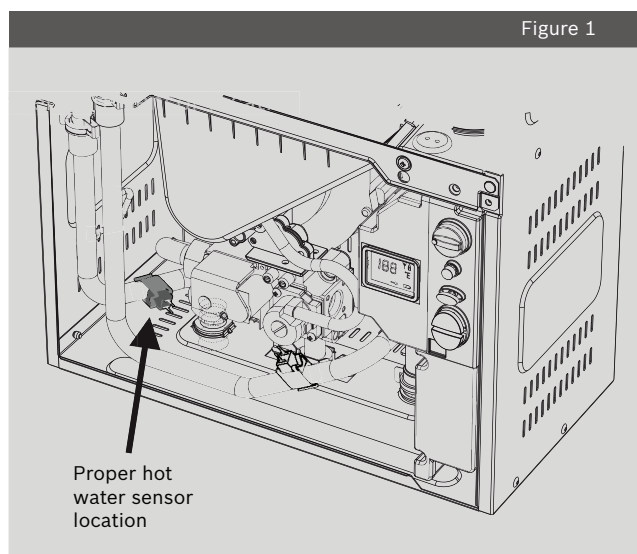
Temperature over 185° F at outlet temperature sensor

Tools needed:

- ▶ Ohmmeter/ multimeter
- ▶ Phillips head screwdriver

Procedure

1. Check hot water temperature sensor:
 - a. Sensor must be attached to horizontal portion of hot water pipe. If on vertical, move to horizontal part to increase the distance from the sensor to the crossover tube. (Figure 1).



- b. Sensor must be clean and mounted on clean pipe.
- c. Sensor wire connection must be clean and tight.
- d. Check sensor resistance. See bulletin TWH-G2-05.

2. May indicate scale build up in heat exchanger. In more advanced cases, E1 may be accompanied by E9, A7 and/or banging or knocking noises when heater is operating. See bulletin G2-13.



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