

Water Temperature Sensor Adapter - RX-8 Installation Instructions®

Part No. 11493

Tools Required:

- Knife (serrated kitchen type works well)
- 1/4" socket & driver or straight blade screwdriver
- Tools to tighten temperature fitting
- Teflon pipe thread sealant

Estimated time for completion: .5 hrs

People required: 1

INSTALLATION INSTRUCTIONS

Locate the water heater hose as illustrated in Photo 1.

Caution:

The engine must be completely cool before performing this installation.

Notes:

- We recommend "mechanical" gauges versus electrical gauges because we believe that they are more accurate and have better resolution. If you choose a mechanical temperature gauge, be sure you have an adapter to fit 3/8" female pipe (3/8" NPT). If you choose to use an electrical gauge, be aware that you must make (2) connections to the temperature sender since the adapter is not grounded - (1) connection from the sensor to the gauge and (1) from the sensor body to ground. We suggest a hose clamp around the sensor body to accomplish this latter connection.
- To make the assembly easier, install all the fittings possible into the adapter before the adapter is slipped into the hose. Use a Teflon thread sealant on the 3/8" pipe threads to prevent leakage.
- This adapter can be used on other model chassis, placed in the heater water inlet circuit. However, be sure your chassis has no "temperature controller" in the water circuit which would affect the flow of the water you are measuring.

Installation:

1. Make a mark on the rubber hose shown (Photo 1) 3" down from the upper end of the hose.
2. Place a rag or 2-3 pieces of paper towel directly below the hose. When you cut the hose a small amount of water will be lost. Cut the hose at the 3" mark (Photo 2). Slip the (2) hose clamps supplied over the cut ends of the hose.
3. Install the adapter into position as shown (Photo 3). Tighten the hose clamps (do not over tighten).
4. Complete temperature sensor installation as appropriate.
5. Run engine and check the water level, and any signs of leakage from the adapter.

Photo 1

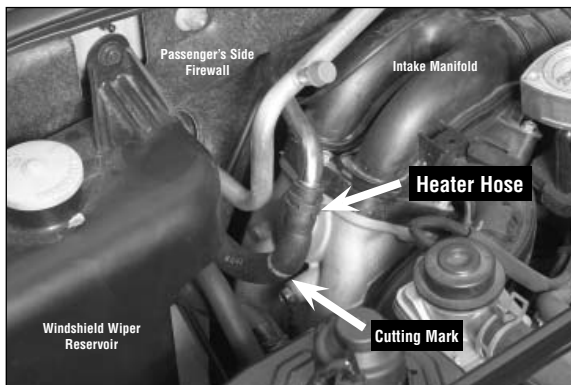


Photo 2



Photo 3

