



Genuine Parts

838339
Rev 1: 3/16/18

PRECAUTIONS:

- Read ALL instructions before installing instrument.
- Follow ALL safety precautions when working on vehicle-wear safety glasses!
- ALWAYS disconnect (-) negative battery cable before making electrical connections.

HELP?:

- If after reading these instructions you don't fully understand how to install your instrument(s), contact your local Stewart Warner distributor, or contact our Technical Support Team toll free at **1-800-676-1837**
- Additional applications information may be found at **www.stewartwarner.com**.

GENERAL APPLICATION:

- 12mm Sender body for use in LS engine coolant temp port, located on the rear of the passenger side cylinder head.

Installation Instructions

12mm Temp Senders for LS Engines.

SENDER INSTALLATION AND WIRING:

1. Disconnect negative (-) battery cable.
2. Locate temp sender fitting on the side of passenger side cylinder head, near the firewall.
3. Remove the factory plug from cylinder head using either an 8mm Allen Wrench, or a T52 Torx bit, depending on plug used.
4. Install the new temp sender into the fitting using supplied crush washer. Tighten just until crush washer is flattened. Do not over tighten.
5. Using a length of 18 AWG wire, connect the sender signal terminal to the signal terminal on the back of the temperature gauge as seen in **Figure 1**.

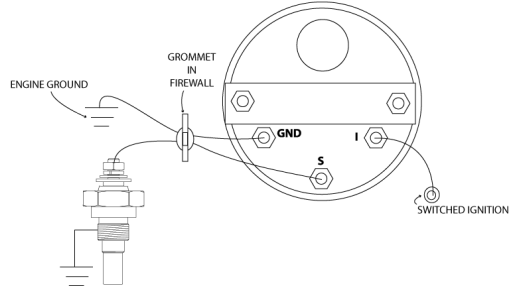


Figure 1

TROUBLESHOOTING:

- Q:** My gauge is not registering a temperature?
- A:** Check all of the wiring connections and power to the gauge.
1. Verify Wiring connections are correct according to the gauge wiring in **Figure 1**.
 2. Verify that the sender is making a proper ground connection through its threads. Do not use a sealing tape or compound as this can prevent proper grounding of sender. Use supplied crush washer to ensure tight seal at sender.
- Q:** My gauge is giving an incorrect reading?
- A:** Confirm proper sender is being used for gauge temperature range. For further assistance with confirming proper match and troubleshooting, please contact your authorized dealer or contact Stewart Warner directly at www.stewartwarner.com.

WARRANTY INFORMATION:

TWO (2) YEAR LIMITED WARRANTY. Stewart Warner products are warranted against defects in workmanship and materials for a period of two (2) years from the date of purchase. Proof-of-purchase is required; otherwise, the warranty period shall default to two (2) years from date-of-manufacture (as indicated by the date code on the product). See detailed Warranty Policy for other Terms &