

# FULL SWEEP ELECTRIC TEMPERATURE GAUGES

2650-1133-00 Rev. C



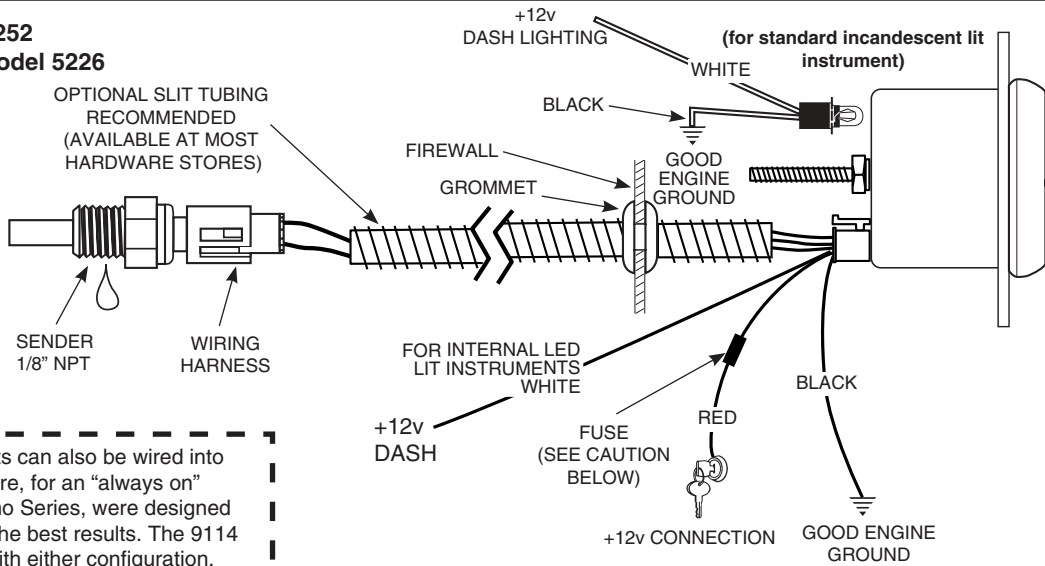
## Replacement Sender Model 2252 Replacement Wire Harness Model 5226

**USE TEFLON SEALING TAPE OR SEALING COMPOUND ON PIPE THREADS**

**CAUTION!**

As a safety precaution, the red wire of this product should be fused before connecting to the 12V ignition switch. We recommend using a 3 AMP automotive type fuse.

The white wire on LED lit instruments can also be wired to a 12V key on ignition, like the red wire, for an "always on" illumination. Some styles, like Chrono Series, were designed with an "always on" illumination for the best results. The 9114 Dimmer Module can also be used with either configuration.



## Installation

**NOTE:** Some late model vehicles use electronic sensors in their pressure and temperature senders for engine control functions. Before removing the original sender, we recommend that you contact your automotive dealer to be sure no critical functions will be disrupted.

1. Check that you have all parts required for installation, and the engine is cool.
2. Disconnect the negative (-) battery cable.
3. Gauge mounts in a 2-1/16" hole for the 2-1/16" gauges and a 2-5/8" hole for the 2-5/8" gauges. Use supplied brackets and nuts to secure gauge to dash.
4. Drill 1" diameter hole where wires pass through sheet metal (such as firewall and install rubber grommet provided. (Grommet will require slit.)
5. Connect the white wire to dash lighting or switchable 12v light source, the red wire to switched +12V source and the black wire to ground. (see diagram for details)
6. Install temperature sender.

**NOTE:** Do not remove factory temp sender to install temp sender. If no location found, a hose adapter can be used.

**NOTE:** When the ignition is off the pointer may not always rest at zero.

- A. Water Temp: Install temperature sender.  
Note: Included sender is 1/8" NPT. For 3/8" NPT or 1/2" NPT ports, use included adapter.
- B. Trans. Temp: Hole may have to be drilled, and adapter nut welded or brazed in pan. Be sure there is adequate internal clearance for nut and sender.
7. Cut end of included dielectric grease packet, and squeeze grease into connector of temperature sender prior to connecting harness. (Important: This will protect connection from dirt and moisture.)
8. Connect red wire to switched +12V source and the black wire to ground. (see diagram for details)
9. Reconnect negative (-) battery cable.

**NOTE:** Test all fittings and connections for leaks. If any leaks are detected, Determine the cause of the leak and repair. Do not operate vehicle if any leaks are detected.

**Caution:** LUBRIPLATE® DS-ES is a non-hazardous substance. However, it is recommended to wash hands thoroughly after use.

## Power-Up

The pointer will move backward to the stop pin and then display actual temperature. This procedure is an auto-calibration function and is performed on every power-up. While this test is being performed, the gauge may make a clicking sound. This is normal.

## SERVICE

For service send your product to Auto Meter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. If you are sending product back for Warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

### 12 MONTH LIMITED WARRANTY

AutoMeter Products, Inc. warrants to the consumer that all AutoMeter High Performance products purchased from an Authorized AutoMeter Reseller will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at AutoMeter's option, when determined by AutoMeter that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the AutoMeter High Performance product and the necessary labor done by AutoMeter to effect the repair or replacement of the AutoMeter High Performance product. In no event shall AutoMeter's cost to repair or replace an AutoMeter High Performance Product under this warranty exceed the original purchase price of the AutoMeter High Performance Product. Nor shall AutoMeter Products, Inc. be responsible for special, incidental or consequential damages or costs incurred due to the failure of an AutoMeter High Performance Product. This warranty applies only to the original purchaser of the AutoMeter High Performance Product and is non-transferable. This warranty also applies only to AutoMeter High Performance Products purchased from an Authorized AutoMeter Reseller. All implied warranties shall be limited in duration to the said 12 month warranty period. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. AutoMeter disclaims any liability for consequential damages due to the breach of any written or implied warranty on all products manufactured by AutoMeter Products, Inc. For a comprehensive listing of Un-Authorized AutoMeter Resellers please visit [www.autometer.com/autometerlocator/index/unauthorized](http://www.autometer.com/autometerlocator/index/unauthorized).

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