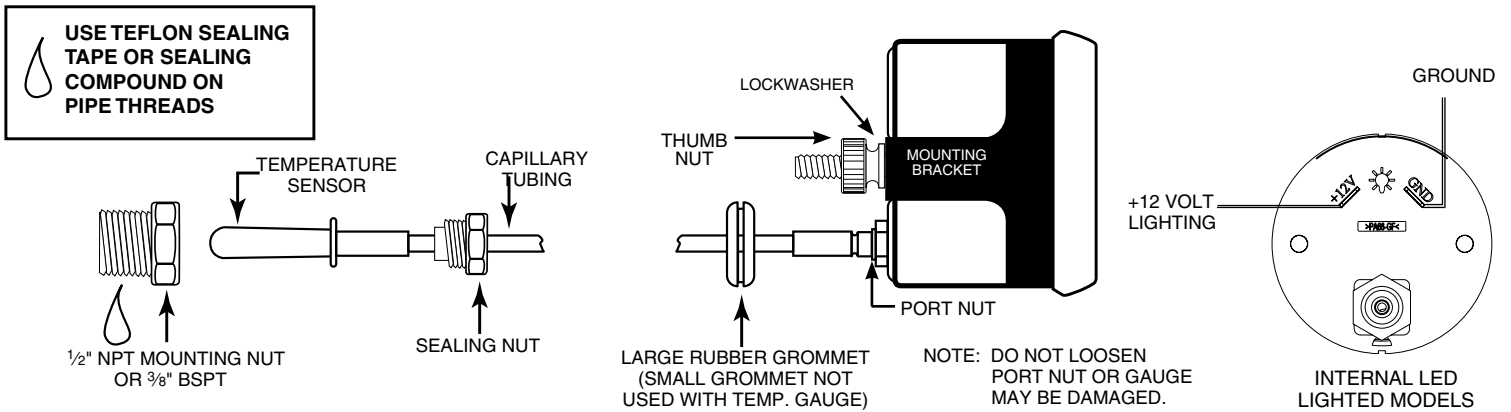


QUESTIONS:

If after completely reading these instructions you have questions regarding the operation or installation of your instrument(s), please contact your retailer.

Additional information can also be found at <http://www.stackltd.com>

Temperature Gauges



NOTE: Some newer vehicles use electronic pressure and temperature sensors for engine control functions. Before removing the original sensor, we recommend that you contact your automotive dealer to be sure no critical functions will be disrupted.

1. Gauge may be mounted in-dash or in custom mounting. Secure gauge with mounting clamps supplied. 52mm gauges mount in 52.4mm diameter hole.

CAUTION: DO NOT make severe bends in the capillary tubing. It may break internally, thus, voiding the warranty. DO NOT remove capillary tubing from gauge.

2. Cut a 23mm dia. hole in firewall. Place grommet on capillary tubing. A slit must be made in the grommet to accomplish this. Route sensing bulb through firewall and secure grommet in the 23mm hole.

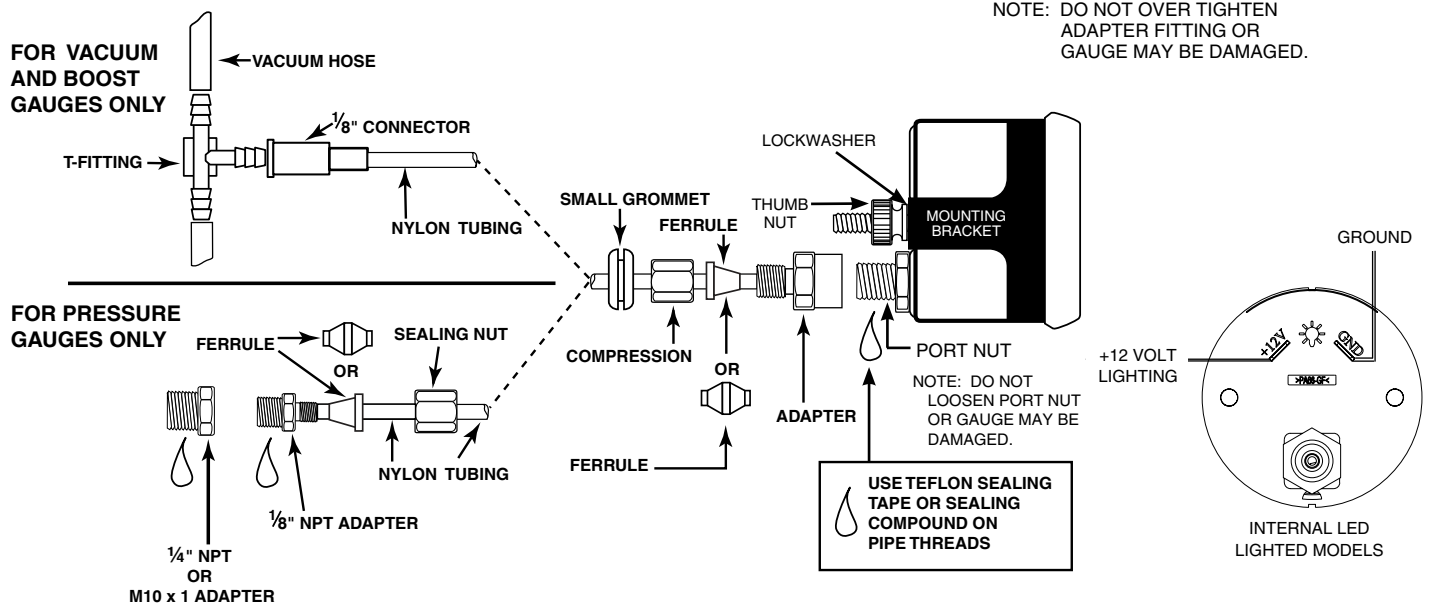
3. Insert and tighten mounting nut in the 1/2" NPT port on engine. (Metric scaled gauges will use 3/8" BSPT mounting nut). Insert temperature sensing bulb in the mounting nut and carefully tighten sealing nut, while holding mounting nut. Be sure to check for adequate internal clearances for the temperature sensing bulb.

4. Make sure gauge tubing is free from hazard of moving parts or hot engine components.

5. Wire +12V terminal to dash lighting circuit or other 12V power source and GND terminal to a good ground.

6. Start engine and thoroughly inspect installation for any leaks.

Pressure, Vacuum & Boost Gauges



NOTE: Some newer vehicles use electronic pressure and temperature sensors for engine control functions. Before removing the original sensor, we recommend that you contact your automotive dealer to be sure no critical functions will be disrupted. With pressure gauges, it is beneficial to add a T-fitting to install your new gauge and to keep the warning light operational. This allows you to monitor the pressure and still have a warning light to indicate emergency conditions.

1. Gauges may be mounted in-dash or in custom mounting. Secure gauge with mounting clamps supplied. 52mm gauges mount in 52.4mm diameter hole.
2. Drill 9.5mm dia. hole and install rubber grommet where pressure or vacuum line passes through sheet metal, such as firewall.

3. Attach nylon pressure line to fitting on back of gauge using adapter, ferrule, and compression nut as shown in diagram above. Route line through grommet to engine compartment. Connect line to pressure port on engine by using 1/8" adapter (1/4" if needed), ferrule and compression nut for pressure gauges or 1/8" connector and T-fitting for vacuum and boost gauges.
4. Make sure line is free from hazard of moving parts or hot engine components. It is recommended that copper tubing or stainless steel braided line be used where a potential hazard exists.
5. Wire +12V terminal to dash lighting circuit or other 12V power source and GND terminal to a good ground.
6. Start engine and thoroughly check installation for leaks.

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