



INSTALLATION INSTRUCTIONS

2¹/₁₆" & 2⁵/₈" PYROMETERS

For EGT Measurement 600°-1600°F, Self-Powered MODELS 2646, 3545, 4345



Important

Pyrometers are sensitive, high accuracy instruments. They must be handled and installed with care to insure proper performance. Carefully read and follow these instructions, and your pyrometer will provide you with a long and accurate life.

Installation

1. The 2⁵/₈" gauges may be mounted in a 2⁵/₈" diameter hole. The 2¹/₁₆" gauges may be mounted in a 2¹/₁₆" diameter hole. The hole may be either a hole in the dash, a gauge panel, or an Auto Meter Gauge Pod.
2. Attach gauge wiring before mounting gauge into mounting hole. Wire as illustrated below.
3. Secure the gauge in it's hole using the bracket, nuts and lock washers provided.
4. Pass the thermocouple extension wire through the firewall using an existing hole, or drill a 9/32" diameter hole and use the rubber grommet provided to protect the wire from damage.
5. Do not shorten or extend the thermocouple extension wire. It is part of the calibration of your pyrometer. Coil up the excess wire and tie it loosely with a wire tie in a safe location. All ties should fit loosely around any thermocouple wire to prevent breaking under vibration.
6. Mount the thermocouple in the desired manifold location using the 1/8" NPT fitting provided. Make sure terminations to the extension wire are made away from engine heat. The connections are color coded, and staggered to insure proper connection.
7. Slide black shrink tube over connections. Start engine and check for proper operation. After engine has cooled you may shrink or tie off the open end of the shrink tube.

