

A200-TEB Installation Instructions

200 Series Bayonet EGT Thermocouple

WARNING

This document provides instructions for the installation of the A200-TEB Type-K Bayonet Thermocouple, Rev 1.0. Use of these instructions with any other product revision voids all warranty and certifications.

Functional Summary

The A200-TEB is an ungrounded Type-K thermocouple for use with all 200 Series instruments that require an EGT temperature input. They are specifically designed to be used in pressurized locations such as turbo charged systems.

Physical Installation

1. Type-K EGT probes are identified by their yellow connector plugs.
2. The probes are provided in a straight configuration and can be bent to any shape to facilitate installation.
3. When bending, exercise care not to damage the thermocouple tip. The minimum bend radius is 1 ¼ ”.
4. Do not strap any portion of the thermocouple wiring to:
 - a. any portion of the exhaust, or
 - b. the ignition harness, or
 - c. the magneto P-leads.
5. Drill a 7/32” hole in the required location. Position and weld the bung in place.
6. Bend the probe to the required shape.
7. Insert the probe tip into the bung and attach the probe with the supplied fitting.
8. Route the probe wiring to the termination point of the instrument harness. Allow cable slack for movement between the engine and mount.

Electrical Connection

1. The probe is supplied with a male connector attached. The large pin of the connector is the negative and the small pin the positive.
2. Attach the female connector to the instrument wiring harness. The red lead must be connected to the large (-) pin and the yellow to the small (+) pin. The shield must be connected to the shield lug on the inside of the connector.
3. Connect both plugs together and then secure them with the provided shield strap.