

banks

with Installation Instructions
Owner's Manual

Banks DynaFact[®] Gauge Assembly

**Electronic Boost and Pyrometer
Under-Dash Mount**

**Ford 6.0L Power Stroke
Chevy 6.6L Duramax
Dodge 5.9L Cummins**

FOR USE WITH 64507

Gale Banks Engineering
546 Duggan Avenue • Azusa, CA 91702
(626) 969-9600 • Fax (626) 334-1743

Product Information & Sales: (800) 438-7693

bankspower.com



General Installation Practices

Dear Customer,

If you have any questions concerning the installation of your Banks DynaFact Boost and Pyrometer Gauge, please call our Technical Service Hotline at (888) 839-2700 between 7:00 am and 5:00 pm (PT). If you have any questions relating to shipping or billing, please contact our Customer Service Department at (888) 839-5600.

Thank you.

1. For ease of installation of your Banks DynaFact gauge mount, familiarize yourself with the procedures by reading the entire manual before starting work. This instruction manual contains 4 pages of text, and illustration.

2. Route and tie wires a minimum of 6 inches away from moving parts and sharp edges. Clearance of 8 inches or more is recommended where possible.

Tools Required:

- Philips head screwdriver
- 3/8" open-end wrench
- Flat head screwdriver or 1/4" nut runner
- Drill motor
- 3/16" drill bit
- 1/8" drill bit
- Wire stripper/crimping tool

Gauge Cluster Installation

Note: This gauge package will only function if a Six-Gun® or OttoMind® module has been previously installed. The pyrometer gauge will only function if a thermocouple has been installed in the exhaust manifold and connected to the Six-Gun or OttoMind module. For more information regarding installation of the thermocouple, refer to the Owner's manual for the Six-Gun, Stinger® or PowerPack®.

- 1.** Choose a suitable location under the lower edge of the dash for the mounting of the instrument panel provided where the driver can conveniently view it. *Note: Molded pillar mount and additional gauges are available through Gale Banks Engineering.*
- 2.** Using the panel as a template, sdrill two $\frac{3}{16}$ " diameter holes in the dash and mount the panel with the supplied machine screws, nuts and star washers provided.
- 3.** Locate the supplied wire loom with the 4-pin connector. Plug the 4-pin connector into the corresponding 4-pin receptacle from the Six-Gun or OttoMind module.
- 4.** Install the DynaFact boost and pyrometer gauges in the mounting panel using the clamps and thumbnuts provided. Plug the BLACK wire lead to the male spade terminal on the BLACK wire of each gauge wire harness. Plug the YELLOW wire into the Yellow wire of the boost gauge wire harness and the RED wire into the RED wire of the pyrometer gauge wire harness. The ORANGE wire remains unused.
- 5.** Connect the 4-pin connector of each gauge into the back of its corresponding gauge.

- a.** Crimp the remaining Black and RED wires from each 4-pin connector gauge harness to the butt connectors as shown in **Figure 1**.
- b.** Strip one end of the RED wire and crimp it to the butt connector containing the RED wires from step 'a'.
- c.** Strip one end of the BLACK wire and crimp it to the butt connector containing the BLACK wires from step 'a'.
- d.** Route the RED wire to the fuse box. Locate the appropriate fuse for instrument lighting in the owner's manual. Cut the RED wire as required and strip the end. Crimp the push on connector to the RED wire and connect to the fuse as shown in **Figure 1**. Alternatively, locate power wire to dimmer switch and install T-tap. Cut the RED wire as required and strip the end. Crimp the push on T-tap connector to the RED wire and connect to T-tap on dimmer power wire.
- e.** Locate a metal surface that will serve as an acceptable chassis ground. Cut the BLACK wire to a sufficient length that will allow it to reach the chassis ground and strip the end. Crimp the ring terminal to the BLACK wire as shown in **Figure 1**.
- f.** Drill a $\frac{1}{8}$ " hole, if required, to attach the ring terminal to the chassis ground. **Caution: If drilling, check the backside to make sure there are no components that may be damaged by drilling.**
- g.** Use the supplied self-tapping screw to secure the ring terminal to the chassis ground.

Figure 1

