

Aeroforce 100 psig Boost Pressure Sensor Kit Instructions

Your kit contains a 100 psig sensor with connector/pigtail. The sensor has a male 1/8" NPT fitting.

Connections: The black wire of the pigtail goes to ground, **red to +5v**, and white is the output. Do not connect 12v to this sensor, it will destroy it!

If you disconnect the gauge from the OBD2 port, disconnect the connector to this sensor first or remove the analog input harness from the back of the gauge. Otherwise the sensor can be damaged due the input of the gauge loosing its ground reference.

Specifications:

- +/- 1% accuracy from -40° C to 105° C
- Compact size, excellent price/performance ratio
- 5 V-dc Input with 0.5 to 4.5 V-dc Output

The sensor will need a **5v** and ground connection which can be obtained from our 5v sensor power supply (part number Sens010), or another sensor such as the MAP or throttle position, or directly from the car's PCM. Tapping into another sensor's 5v signal will not effect that sensor's operation as long as the connection is solid and insulated properly to prevent a short to ground.

Run the sensor's output wire to the data acquisition device such as the Interceptor scan gauge. For Interceptor users, choose any available analog input.

To configure the Interceptor to read psi, you'll need to enter the menu and choose the appropriate analog input. You'll then be able to enter a conversion. The number to enter for slope is 37.5, and -18.7 (negative 18.7) for intercept. The negative "-" sign needs to be entered in the first position on the left, so it will look like "-18.7" after you enter this number. The value displayed on the gauge when this analog input is chosen will now be in psi.

Warranty

This product is Aeroforce Technology warrants this product and its accessories against defects in material and workmanship for a period of 90 days from the date of purchase.

Aeroforce Technology Inc. shall not be held liable in any way for any incidental or consequential damages to the vehicle, driver, passengers, and or other involved parties or property occurring while using the sensor.