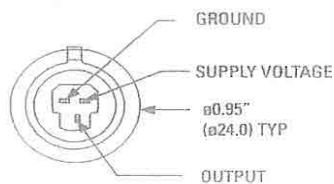
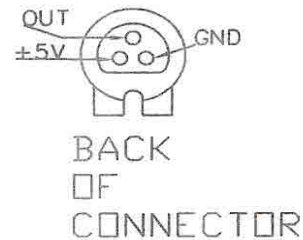


## Aeroforce Oil and Fuel pressure sensor kit instructions

Your kit contains a 0-130 psi sensor with mating connector pigtail. The sensor has a male 3/8" NPT fitting. The diagrams below show the sensor pin designations. The black wire of the pigtail is ground, red is +5v, and white the sensor output.



Sensor



Connector

A thread sealer is recommended though for both the oil and fuel pressure sensor (and adapter fitting if used).

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 affect 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 031.9, and -09.7 (negative 9.7) for intercept. The negative "-" sign needs to be entered in the first position on the left, so it will look like "-09.7". The value displayed on the gauge when this analog input is chosen will now be in psi. Our testing has shown the sensor's accuracy to be +/- 1 psi. There may be a slight offset at a true "0" psi, around 3 psi, but this does not continue above 10 psi. The sensor seems to be a bit non-linear from 0-10 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.