



INTERCEPTOR
scan gauge

FOR CAN VEHICLES

by



USER MANUAL

FIRMWARE VERSION 3.2

www.aeroforcetech.com

Made in the USA!

Patent Pending

WARNING

Vehicle operator should focus primary attention to the road while using the *Interceptor*. The information provided by this device should be observed as part of a normal sequence of observations performed in the operation of the vehicle, as with any gauge or other instrumentation. *Interceptor* settings should be changed only during conditions when it is safe to do so. **Focusing on the road should be the primary concern of the driver.**

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 *Interceptor* scan gauge.

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INSTALLATION

Read these instructions thoroughly before installation. Also, be sure to check for your vehicle specific notes in appendix A at the end of this manual. There could be important information there concerning your gauge and its installation. New parameters are added from time to time, and may not be listed in this manual. For the latest updated manual go to www.aeroforcetech.com/usermanual.html and select the latest release that pertains to your gauge.

1. **Make sure the car's ignition is turned off.**
2. **Run included 5', or optional 9' main cable, and three wire mini cable, from the OBD2 connector (do not plug in yet) to the location of the *Interceptor(s)*.** The *Interceptor* will fit in any 2 1/16" or 52mm gauge pod, or can be mounted in a custom fashion anywhere within 5 (9) feet of the OBD2 connector. The OBD2 connector is located under the dash on either side of the steering column.
3. **Plug both cables into the back of the *Interceptor*.** See figure 1. Press the *Interceptor(s)* into the gauge pod or mounting hardware.

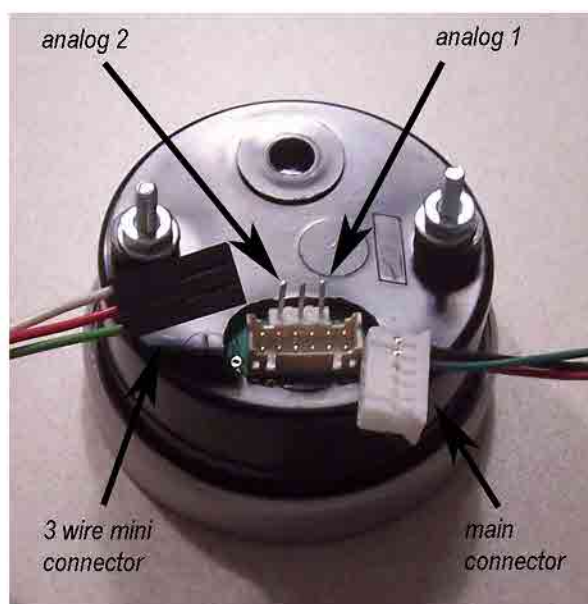


Figure 1

4. **Plug the main cable connector into the OBD2 connector.** See figure 2. The data, ground, and power on most vehicles come from this connector.



Figure 2

5. **Connect the 0-5v analog inputs (optional).** You will see 3 pins above the main connector on the back of the gauge as shown in *figure 1*. The 2 outer pins connect to the analog inputs. The center pin is for switched 12v power and is not required for virtually any CAN bus vehicle. The right side pin, when looking at the rear of the gauge, goes to analog input 1. The left pin is for analog input 2. See *figure 1*. Included in the gauge packaging is a 3 wire cable that connects here. Once attached to the gauge, you'll see that the white wire is for analog 1, the green for analog 2. These inputs can be used to read the outputs from pressure senders, A/F ratio analog outputs, 2 or 3 bar MAP sensors, or any voltage up to 5v that you want to monitor and/or record. You can scale these signals with a menu function described below. ***These inputs are rated for 0-5 volts, with an over-voltage protection circuit built in. However, running more than 6v into these inputs for an extended period of time could effect the operation of the entire gauge, and possible damage it.***
6. **Turn vehicle on.** With the key on and engine off, or engine running, the *Interceptor* will power up. While the unit powers up, the "*Interceptor*" and "*AeroForce*" logo will appear on the display. This only takes a few seconds. Please note that dual *Interceptor* units may power up sequentially (one at a time) and may take up to 15 seconds. When turned on for the first time the *Interceptor* will ask you to enter a list of parameters that will then be available for scan, see "**Setup**" below in the **Operation** section for more details on this. See page **A1** of

