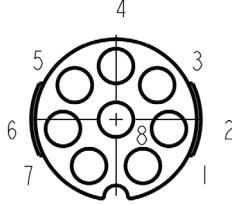
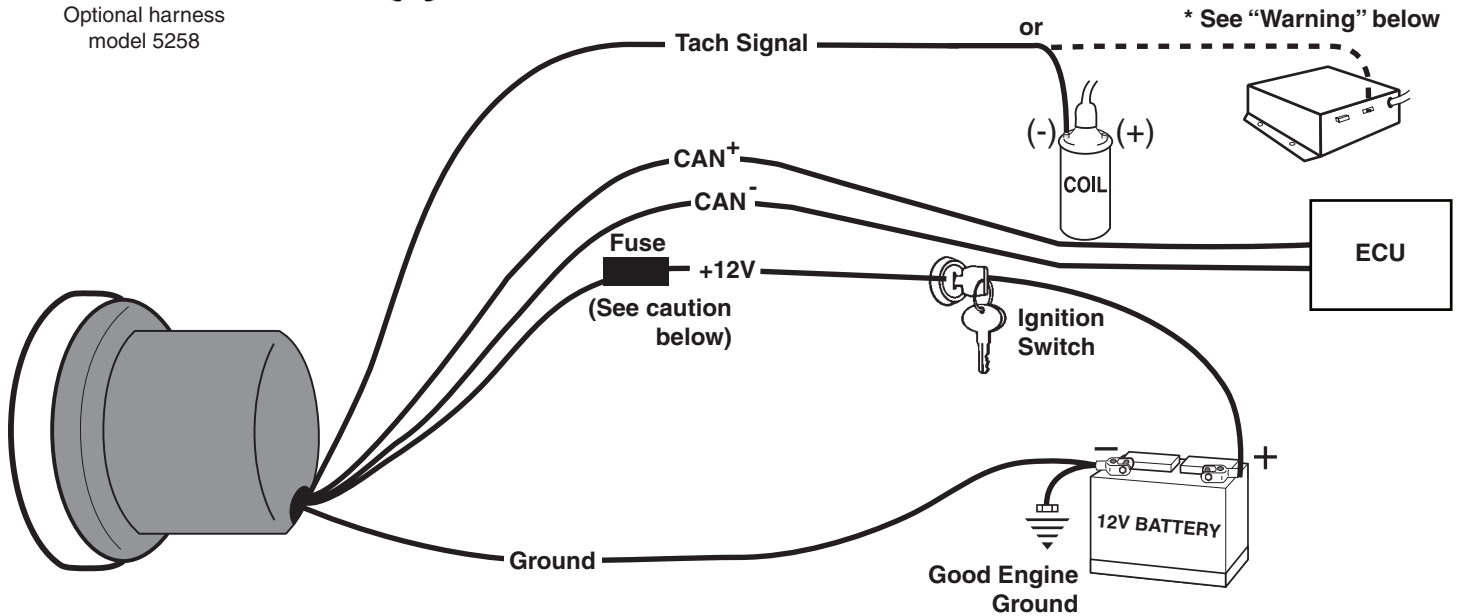


Pin No.	Signal
1	+12V
2	Tach Signal
5	CAN +
7	Ground
8	CAN -

Optional harness
model 5258

Mating Connector:
Switchcraft EN3C8F


NOTE: This product requires purchase of PIC (9119) [Must be version 3.0 or higher] and PIC jumper harness (5277) for custom and accurate programming of the Pit Road Speed RPM bands.



CAUTION!!!

As a safety precaution the +12V wire of this product should be fused before connecting it to the positive (+) side of switched power source. We recommend using a 4 Amp, 3AG fast-acting type cartridge fuse (Littlefuse® #312 004 or an equivalent) inline with the +12V wire of our product for tachs that use a Shift-Lite. For tachs without a Shift-Lite we recommend using a 1Amp 3 AG fast-acting type cartridge fuse (Littlefuse® #312 001 or an equivalent).

WARNING

Warranty will be void if connected to coil when using an aftermarket ignition box such as, but not limited to products from the following manufacturers: MSD, Crane, Jacobs, Mallory, Holley, Etc.. Prior to installation of your tachometer, check with the ignition box manufacturer for recommended tachometer signal location.

* See autometer.com/tech_installation.aspx for specific vehicle information.

NOTE: CAN signal is specifically configured for the NASCAR McLaren ECU.

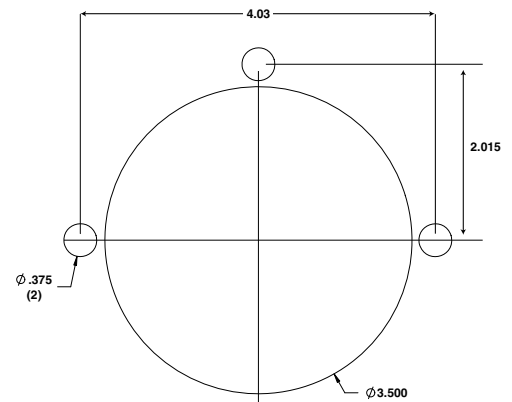
Mounting

Pedestal (not included, requires model 3209)

- 1) Loosen both bolts holding the shock strap to the mounting foot. Back both bolts out until each is only one or two turns into the spacer.
- 2) Pass tach wires through shock strap assembly and slide tach casing into shock strap assembly.
- 3) Adjust tach and mounting base to desired position and tighten bolts holding mounting foot to shock strap to secure the assembly.
- 4) Make sure rubber section of shock strap seats properly to ensure a proper fit. Check to make sure shock strap is approximately 1-7/8" (1.875") between center line of strap and step of tachometer casing for best mounting.
- 5) The special design of the tachometer base allows for a variety of mounting possibilities. Attach the base using screws provided or use a pop rivet tool.

In-Dash

- 1) Use the supplied 8-32 screws and lock washers.
- 2) It may be necessary to fabricate a bracket.
- 3) For flush mounting, hole size should be $\varnothing 4.750$ " for 5" version.
- 4) For face forward mounting see configuration on right.



FACE-FORWARD MOUNT

Modes of Operation:

This tach has three different user definable modes of operation as indicated below. These settings can be changed through the PIC interface.

1. CAN – looks for CAN signals from the ECU only.
2. CAN safe – Primary signal is CAN, but it will look for analog input if the CAN signal is lost. If the CAN signal comes back once analog mode is triggered, the tach will switch back to CAN automatically.
3. Analog – Operates from an analog tach input.

RPM Range	Band	Shift Light
2900-3400	Low	Green
3400-3900	Go	Yellow
3900-4400	Hi	Red
4400-4900	Too High	Flashing Red
6500-7000	Corner Low	Green
7000-7500	Corner Middle	Yellow
7500-8000	Corner High	Red
9100-9500	Lead In	Red*
9500-9700	Shift Point	Red
9700+	Over Rev	Flashing Red

NOTE: The backlight for the lead in shift point band will remain the default backlight color, and all other bands will change the backlight color to match the band color.

Color selection:

The backlighting color can be change through the PIC interface to any of the seven available color selections (white, green, red, yellow, blue, purple, and cyan). All bands can also have the color option modified to any of the colors above (note: white is not an allowable band color). The color change mode for each band can be changed so that the backlighting remains the default color, changes to the band color, or flashes the band color.

NOTE: To clear all settings and revert to factory defaults, apply power to the tach while holding all three buttons on the front of the tachometer.

- The Top button is used to recall and clear peak RPM. Pressing and releasing the Top button will recall the peak RPM for 5 seconds. If the Top button is pressed again within the 5 seconds, the peak will be cleared and the pointer will move to 0 RPM for 2 seconds. The tach will resume normal operation whether or not the peak RPM is cleared.
- The Middle button is used as a dimming control. There are seven levels of dimming, which are cycled through by pressing the middle button. Whenever the level is changed, it is stored in the internal memory.
- A new PRS RPM can be captured in this mode by pressing and releasing the bottom push button on the face of the tach while at the new desired RPM. The width of the RPM bands and the PRS RPM can be pre-programmed using the PIC.

Note: The following restrictions are applied to use of the Capture PRS RPM button:

- 1 - The minimum RPM that can be captured is 3000.
- 2 - The maximum RPM that can be captured is 6500, or 500 RPM less than the result of one of the following formulas, which ever is lower:

If the Capture Position is set to the Top of the Go Band:

Corner RPM Set Point - Corner Lo Band RPM - PRS Too Hi Band RPM - PRS Hi Band RPM

If the Capture Position is set to the Bottom of the Go Band:

Corner RPM Set Point - Corner Lo Band RPM - PRS Too Hi Band RPM - PRS Hi Band RPM - PRS Go Band RPM

SERVICE

For service send your product to Auto Meter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. Please specify when you need the product back. If you are sending product back for warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

12 MONTH LIMITED WARRANTY

Auto Meter Products, Inc. warrants to the consumer that this product will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fall within this 12 month warranty period will be repaired or replaced at Auto Meter's option to the consumer, when it is determined by Auto Meter Products, Inc. that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the Auto Meter instruments. In no event shall this warranty exceed the original purchase price of the Auto Meter instruments nor shall Auto Meter Products, Inc. be responsible for special, incidental or consequential damages or costs incurred due to the failure of this product. Warranty claims to Auto Meter must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is non-transferable. All implied warranties shall be limited in duration to the said 12 month warranty period. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. Auto Meter Products, Inc. disclaims any liability for consequential damages due to breach of any written or implied warranty on all products manufactured by Auto Meter.

FOR SERVICE SEND TO: AUTO METER PRODUCTS, INC. 413 W. Elm St., Sycamore, IL 60178 (866) 248-6357

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