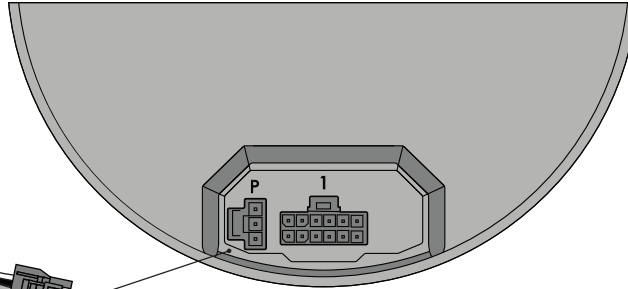


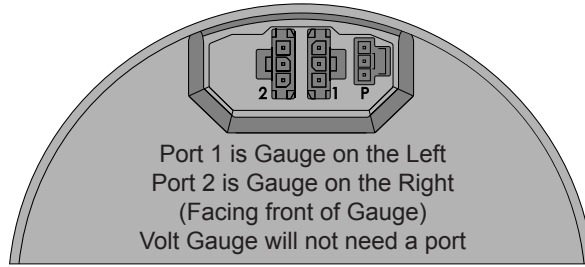
2-5/8", 3-3/8", 4", 4-1/2" Quad/Dual Instructions

SPEEDHUT®

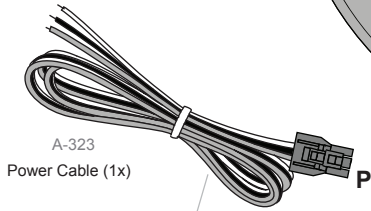
BACK OF QUAD GAUGE



BACK OF DUAL GAUGE



ATTENTION:
Power Draw = 0.2 amp.



WHITE: +12v Dash Lighting (Gauge lighting)
BLACK: Ground
RED: +12v Accessory Power (Main Gauge Power)

Fuel sender ground should be connected to the fuel level sender ground. If you do not have a fuel level sender ground, connect to the chassis ground.

White wire fuel level signal wire

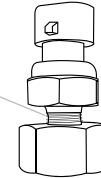
Sensor Installation

Temp Sensor (Brass) Torque spec: 7 lb-ft max

PSI Sensor (Stainless Steel) Torque spec: 14 lb-ft max

Note: The sensors have NPT threads on them. It is normal for some threads to be visible when the sensor is installed to the correct torque spec.

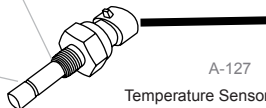
Note: We recommend using teflon sealant on the sensors.



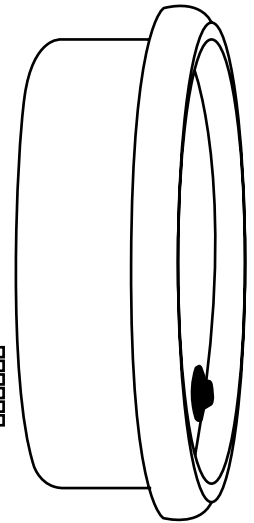
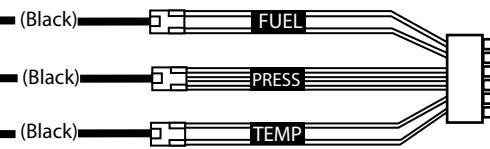
A-124 Pressure Sensor 0-100 (1x)

1/8 NPT threads

Trimable area
DO NOT trim
pass the slot



A-127 Temperature Sensor (1x)



INSTALLATION

- 1 DISCONNECT your vehicle's negative (-) battery cable.
- 2 MOUNT your gauge to the panel using the spin lock ring.
- 3 CONNECT the gauge wiring.
- 4 RECONNECT your vehicle's negative (-) battery cable.

Setting the warning light option.

Setting warning LED for both low and high.

LED can be set to turn on for both a low and high condition for temperature, pressure gauges, and voltage gauges. Fuel level warning light is ONLY for the low fuel condition.

To Reset LED set point at any time follow this procedure again.

1. To enter warning point mode, PRESS and HOLD the button with gauge off. While holding the button, power on the gauge. When one warning light comes on, release the button. You will see each warning LED light up for 2 seconds. Pressing and releasing the button on the gauge that is lit will enter the set point for that gauge.
2. Pointer will slowly scan clockwise from low condition on dial. PRESS the button at desired low warning set point. LED will blink to indicate low warning has been set. **Note: Pressing the button at the lowest point will turn off the low LED warning so it will not light up.**
3. Pointer will now travel to high condition on dial and slowly scan counterclockwise. PRESS button at desired set point for high condition. LED will blink to indicate high warning has been set. **Note: Pressing the button at max high position will turn off the high LED warning so it will not light up.**

Note: Setting a low warning will turn on LED when pointer travels below the low set point. Setting a high warning will turn on LED above the high set point.

4. Repeat procedure for next gauge.

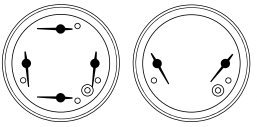
5. Turn gauge power off and back on to exit menu.

CONTACT US

Support@Speedhut.com
801-221-1460 (9a-4p MST)
FAQ - Speedhut.com/faq.i
www.Speedhut.com

LIFETIME WARRANTY

We take pride in the products we make and offer a Lifetime Warranty on gauge electronics and a 5-year warranty on hardware for every gauge, tachometer and shift light purchased since Jan 1, 2006. Every SPEEDHUT product is built for a lifetime of service, and we warrant to the person who originally purchased the product that all SPEEDHUT products will be free from defects in workmanship and materials for their applicable warranty period. If a defect occurs during the warranty period as the result of the product's intended use, we will repair or replace the defective product or part, to our discretion. The warranty does not cover defects caused by third-party modifications, repairs or replacement parts. Any holes, scratches, normal wear and tear, and the natural breakdown of colors and materials over extended time and use are not warranted.



Setting LED brightness both day and night

At any time while gauge is powered on, press and release the button to show current LEDs brightness. If the button is not pressed for 2 seconds, the setting will be saved. LEDs will blink to indicate setting has been saved. To change LEDs brightness press and release the button to advance to next brightness level. LEDs brightness will loop through 5 possible brightness settings including off as you press and release the button. At the desired brightness level, wait 2 seconds to save the setting. LEDs will blink to indicate setting has been saved. **Note: Setting the brightness level when gauge lighting is on, will set the night brightness level. Setting the brightness level when gauge lighting is off will set the day brightness level.**

Peak recall memory

Press and hold the gauge button, the pointers will move between low and high peak on all gauges (except fuel level). Gauge will continue toggling between low and high peaks as long as button is pressed.

Note: Low peak becomes active once the gauge needle travels past 1/8 of the scale. Once this condition occurs low peak becomes active and will record the lowest reading the gauge achieves.

To retain peak reading (NOT CLEAR IT)

While showing peak reading, release the button, and allow the gauge to return to normal.

To clear peak reading

While showing peak reading, release button, and immediately press and release again within 5 seconds. LED will flash 2 times and the pointers will travel to zero to indicate peak has been cleared

CALIBRATING FUEL LEVEL Preset or Manual

Fuel level gauge calibration

- 1 DETERMINE your vehicle's ohm range.
- 2 If your ohm range is listed on the chart (figure 1), proceed to preset calibration.
- 3 If available presets do not fit your application, proceed to manual calibration.



How To Test Your Fuel Level Sensor.

Scan Me <https://bit.ly/32igYAe>

Empty	Full	Vehicle Application
240 ohms	33 ohms	Speedhut factory default. Use with Speedhut A-300 sensor.
70 ohms	10 ohms	Most pre-'87 Fords & most Chrysler
40 ohms	250 ohms	Most GM '98-present
0 ohms	90 ohms	Most GM '65-98
16 ohms	158 ohms	Most Fords '87-present

Figure 1. Preset ohm Ranges

ATTENTION: Calibration **REQUIRED**. Fuel level gauge **WILL NOT** operate correctly until calibrated to vehicle's fuel level sensor.

ATTENTION: Only **ONE TYPE** of calibration required. If calibrating using a preset, manual calibration is **NOT** needed. If manually calibrating, preset calibration is **NOT** needed.

OPTION 1: PRESET CALIBRATION

- 1 POWER gauge ON.
- 2 PRESS and HOLD the button 12 seconds. Pointer will move to 1/8 tank.
- 3 PRESS the button to toggle through preset options until pointer is at desired ohm range (figure 2).
- 4 PRESS AND HOLD the button for 2 sec to save preset. Pointer will point at 'E' and then begin displaying current fuel level.

OPTION 2: MANUAL CALIBRATION

- 1 PREP for Empty calibration.

EMPTY CALIBRATION PREP: 1) Fuel level sensor MUST be connected to gauge. 2) If fuel sensor is installed in your fuel tank, the tank must be empty OR with desired gallons of reserve fuel to calibrate empty condition. 2) If fuel sensor is NOT installed in your fuel tank, the fuel sensor must be in "empty" position to calibrate empty condition.

- 2 POWER gauge ON.
- 3 PRESS and HOLD the button 12 seconds. Pointer will move to 1/8 tank.
- 4 PRESS the button to toggle through preset options until pointer points at 'E' (figure 2).
- 5 PRESS and HOLD the button for 2 sec to calibrate Empty.

- 6 Gauge will exit calibration menu and it will display current fuel level.

- 7 PREP for Full calibration.

FULL CALIBRATION PREP: 1) If fuel sensor is installed in your fuel tank, the tank must be full to calibrate full condition. 2) If fuel sensor is NOT installed in your fuel tank, the fuel sensor must be in "full" position to calibrate full condition.

- 8 POWER gauge ON.
- 9 PRESS and HOLD the button 12 seconds. Pointer will move to 1/8 tank.
- 10 PRESS button to toggle through preset options until pointer points at 'F' (figure 2).
- 11 PRESS AND HOLD button for 2 sec to calibrate Full.
- 12 Gauge will exit calibration menu and display current fuel level.

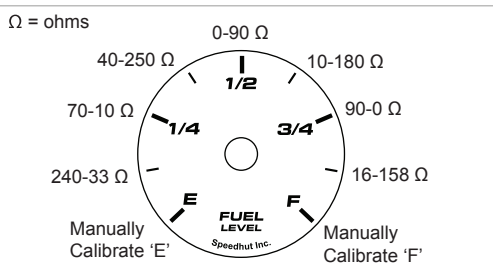


Figure 2. Calibration Menu Options