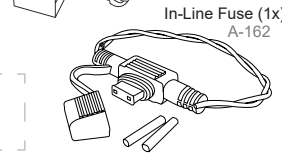
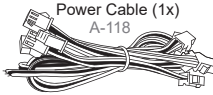


ORDERS WITH 1-2 GAUGES
1-2 Gauge Inverter



OR

ORDERS WITH 3+ GAUGES
3+ Gauge Dimmer Kit
A-313



ATTENTION: 5 amp In-Line Fuse recommended for +12 Keyed Ignition.

ATTENTION: Power Draw = 0.2 amp.

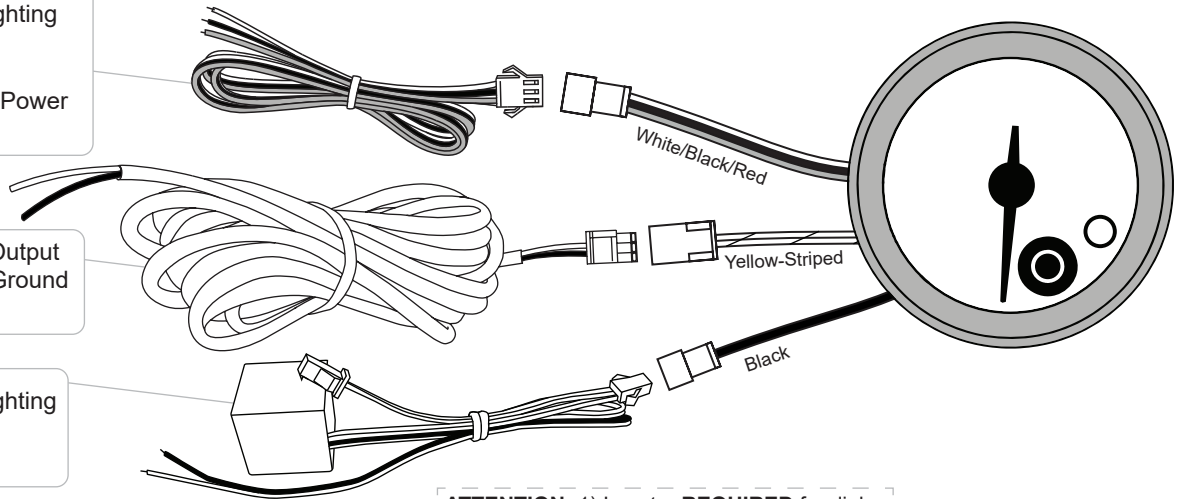
INSTALLATION

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

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

WHITE: Fuel Sensor Output
BLACK: Fuel Sensor Ground OR Chassis Ground

WHITE: +12v Dash Lighting (Dial lighting)
BLACK: Ground



ATTENTION: 1) Inverter **REQUIRED** for dial lighting. 2) Protect any unused connectors with electrical tape or heat-shrink seal. Damage to unused connector may cause inverter failure.

SETTING WARNING LIGHT

Fuel gauge LED can be set to turn on for a low and/or high pressure condition. Until changed, setting will be retained even when powered off.

- 1 PRESS and hold button while gauge is powered OFF.
- 2 POWER gauge ON and release button. Pointer will slowly move clockwise from gauge min. value.
- 3 PRESS button at desired low warning set point. LED light will blink to indicate low warning has been set. (Pressing button at min. value will turn low LED warning OFF.)

SETTING LED BRIGHTNESS

ATTENTION: 1) Setting LED brightness while gauge lighting is OFF will set DAY LED brightness. 2) Setting LED brightness while gauge lighting is ON will set NIGHT LED brightness.

- 1 POWER gauge ON.
- 2 PRESS button. LED will light up at current brightness setting.
- 3 PRESS button to toggle through LED brightness options. After a small delay, LED light will blink to indicate setting has been saved.

(Off) 0 - 1 - 2 - 3 - 4 (Most Bright)

CONTACT US

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FAQ - Speedhut.com/faq.i
www.Speedhut.com



CALIBRATION - Preset or Manual

ATTENTION: Calibration is **REQUIRED**. The fuel level gauge **WILL NOT** operate correctly until calibrated to vehicle's fuel level sender.

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

Empty	Full	Vehicle Application
240 ohms	33 ohms	Speedhut factory default. Use with Speedhut A-300 sender.
70 ohms	10 ohms	Most pre-'87 Fords & most Chrysler
0 ohms	30 ohms	Most pre-'65 GM
0 ohms	90 ohms	Most GM '65-present
16 ohms	158 ohms	Most Fords '87-present

Figure 1. Preset ohm Ranges

PRESET CALIBRATION

- 1 POWER gauge ON.
- 2 ENTER calibration mode by holding button down for 10-12 sec until pointer points at 1/8 tank.
- 3 PRESS button to toggle through preset options until pointer is at desired ohm range (figure 2).
- 4 PRESS and hold button for 2 sec to save preset. Pointer will point at 'E' and then begin displaying current fuel level.

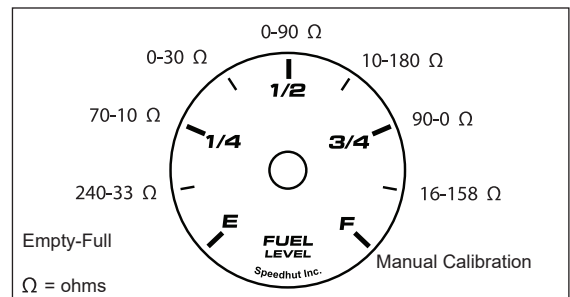


Figure 2. Calibration Presets

MANUAL CALIBRATION

ATTENTION: 1) Both empty and full conditions **MUST** be calibrated before gauge will accurately display fuel level. 2) Fuel level sender **MUST** be connected to gauge during manual calibration. 3) Either condition can be calibrated first.

- 1 POWER gauge ON.
- 2 ENTER calibration mode by holding button down for 10-12 sec until pointer points at 1/8 tank.
- 3 PRESS button to toggle through preset options until pointer is pointing at 'F' (figure 2).
- 4 PRESS and hold button for 2 sec to enter manual calibration mode. The pointer will oscillate between 'E' and 'F'.

Calibrating Empty Condition

ATTENTION: 1) If fuel sender is currently installed in your fuel tank--the tank **MUST** be empty to calibrate empty condition. 2) If fuel sender is **NOT** currently installed in your fuel tank--the fuel sender **MUST** be in "empty" position to calibrate empty condition.

- 1 When pointer points at 'E', press and hold button for 2 sec to save preset.

Gauge will exit calibration menu and attempt to display current fuel level.

Calibrating Full Condition

ATTENTION: 1) If fuel sender is currently installed in your fuel tank--the tank **MUST** be full to calibrate full condition. 2) If fuel sender is **NOT** currently installed in your fuel tank--the fuel sender **MUST** be in "full" position to calibrate full condition.

- 1 When pointer points at 'F', press and hold button for 2 sec to save preset.

Gauge will exit calibration menu and attempt to display current fuel level.

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.



How To Test Your Fuel Level Sensor.

<https://bit.ly/32igYAE>



How To Calibrate Your Fuel Level Gauge To Any Fuel Sensor.

<https://bit.ly/3vHORYW>