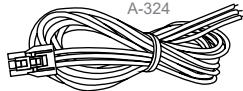




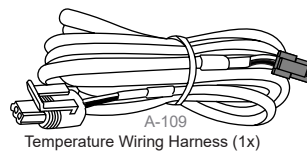
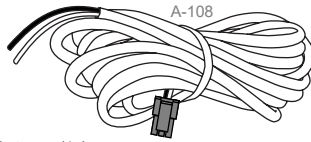
Triple Instructions (4-1/2") (Speedometer, Water Temp, Fuel Level) (With Turn Signal & High Beam Indicator Lights)

SPEEDHUT®

Turn Signal & High Beam Harness (1x)
A-324



Fuel Level Wiring Harness (1x)
A-108



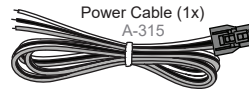
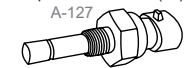
Temperature Wiring Harness (1x)
A-109

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

GPS Antenna (1x)
A-140



Temperature Sensor (1x)
A-127



Power Cable (1x)
A-315

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

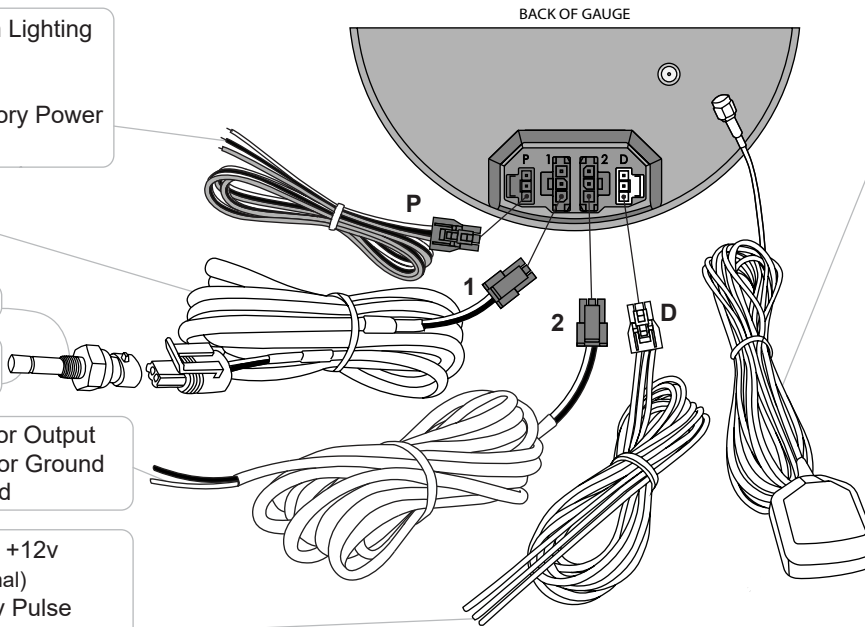
WHITE: Signal
BLACK: Ground

1/8" NPT threads

Trimable area. DO NOT trim past slot.

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

GREEN/ORANGE: +12v Pulse (Left Turn Signal)
GREEN/RED: +12v Pulse (Right Turn Signal)
BLUE: +12v (High Beam)



GPS CONNECTION

The Triple Speedometer will auto-save your satellite position, allowing the GPS to acquire signal within 10 seconds of power up. When powered off for more than 4 hours, GPS signal will take 30-60 seconds to acquire due to satellite movement.

The GPS Antenna is waterproof and magnetic, and can receive signal through all thin materials except for metal. Optimal mounting locations are vehicle roof or top of dashboard.

- 1 CONNECT GPS Antenna securely to threaded post on back of Speedometer.
- 2 MOUNT GPS Antenna with maximum exposure to the sky, with the magnetic side facing the ground.

MENU FEATURES

Press button to toggle through menu items. Measurement units (miles/kilometers, feet/meters) will be imperial or metric depending on gauge model.

Odometer & Trip



Odometer displays 0 - 999,999 units.

Trip Odometer displays 0 - 9,999.9 units.

- 1 PRESS AND HOLD button to reset Trip.

Clock



Adjust hour time for your time zone. Minute time is acquired from GPS satellites.

- 1 PRESS AND HOLD button to edit hour.

Text color will invert.

- 2 PRESS button to toggle through hours until correct time is reached.
- 3 RELEASE button. After 3-4 sec, time will save and text color will revert to normal.

Elevation



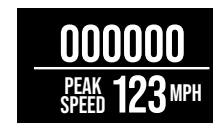
Displays the current elevation from sea level. Elevation is acquired from GPS satellites.

Direction



Displays the current direction when vehicle is moving. Stationary default is North (N).

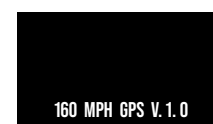
Peak



Displays the top speed reached.

- 1 PRESS AND HOLD button to clear peak.

About



Displays gauge version.

CONTACT US

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



CALIBRATING FUEL LEVEL Preset or Manual

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

- 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.

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.



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

OPTION 1: PRESET CALIBRATION

- 1 PRESS and hold button while gauge is powered OFF.
- 2 POWER gauge ON and release button.
- 3 PRESS button to toggle through preset options until pointer is at desired ohm range (figure 2). Screen will display OHM ranges (figure 3).
- 4 PRESS AND HOLD 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 PRESS AND HOLD button while gauge is powered OFF.
- 3 POWER gauge ON and release button.
- 4 PRESS button to toggle through preset options until pointer points at 'E' (figure 2).
- 5 PRESS AND HOLD button for 2 sec to calibrate Empty. Gauge screen will display detected OHM level.

- 6 Gauge will exit calibration menu and attempt to 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 PRESS AND HOLD button while gauge is powered OFF.
- 9 POWER gauge ON and release button.
- 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.

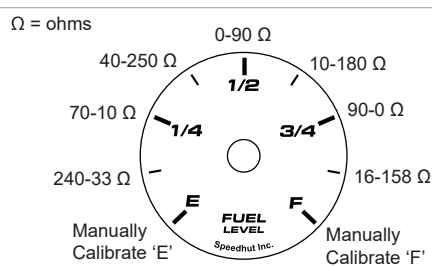


Figure 2. Calibration Menu Options

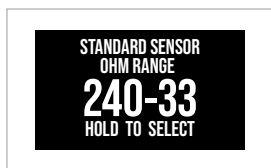


Figure 3. Preset Calibration Screen



Figure 4. Manual Calibration Screens

"ERROR" TROUBLESHOOTING: "ERROR" message will trigger if either: 1) fuel level sensor is not connected or connection is not secure. 2) OHM reading is out of usable range (0-500 OHMs).

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.