Power Draw = 0.2 Amp
3A to 5A Inline Fuse Recommended
for +12 Keyed Ignition

Power distribution cable to plug all gauges into

+12 volts keyed ignition———(Red)
(Main gauge power)
Ground———(Black)
+12 volts Dash lighting———(White)
(Pointer (needle) lighting)

(Black)

White wire speedometer pulse signal. Acceptable signals ranging from 1V-100Volts.
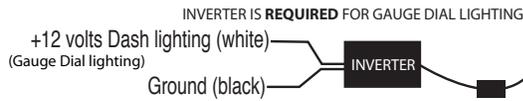
500 pulses -250K pulses per mile.
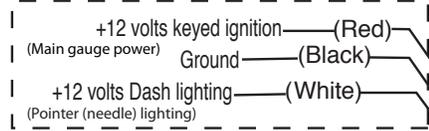
Note: Speedhut(G338) series speedometers will have an 8' yellow wire to connect to the speed sensor instead of the black harness.

Black wire (optional) sensor ground. If your Sensor has a ground terminal, hook up to black wire.

**left turn signal +12V pulse ———(green with orange)
**right turn signal +12V pulse ———(green with red)
**high beam wire +12V ———(blue with white)

INVERTER IS **REQUIRED** FOR GAUGE DIAL LIGHTING

+12 volts Dash lighting (white)
(Gauge Dial lighting)
Ground (black)

INVERTER

Snap connection for dial lighting

Note: Tie both lighting white wires together and both black ground wires together.

Purple wire loop: Cut this wire if your pointer(needle) is bouncing or is not displaying a stable reading. Cutting this loop will clean up the electrical noise coming from the speed sensor.

Your speedometer will have a button on the front or a jack button (button with 18" cable). This button is for programming and operation of the gauge. We suggest mounting the jack button in a convenient location for easy access.

** Turn signals and high beam are an optional feature

Optional Setup:
Speedometer Signal from ECU

ACC (12v)

ECU

$10K \Omega$ 0.25 watt minimum

Speed (Yellow/Red, Yellow/Green)
Yellow/Black
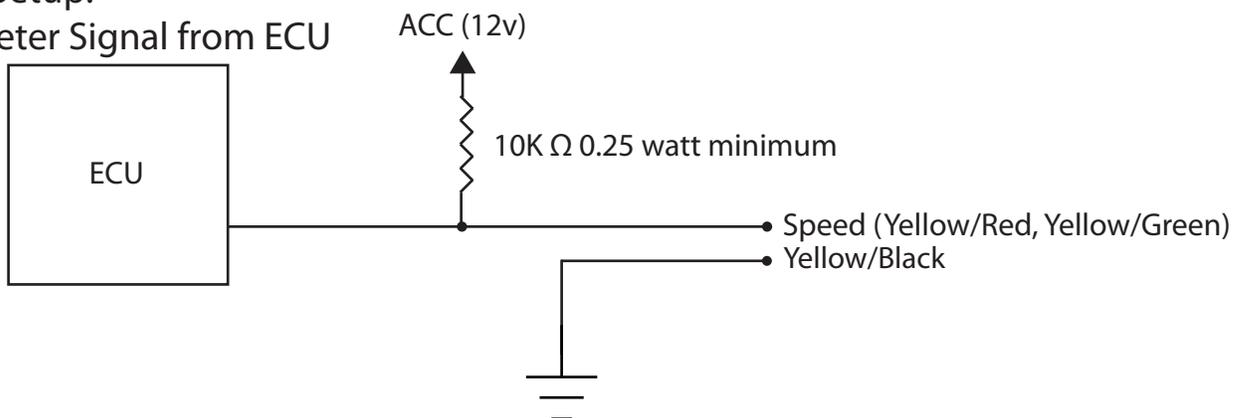
1. Disconnect negative (-) Battery Cable

2. Connect wiring as above.

3. Mount Gauge for easy viewing. Use spin lock ring (included) to mount to panel. Spin ring threads in both directions. Snap white gauge connector to wire harness.

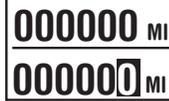4. Reconnect negative (-) battery cable.

Attention: CALIBRATION REQUIRED. The Speedometer will not operate correctly until it has been calibrated!

Calibrate speedometer

Note: If your speedometer has a jack button then plug it into back of the speedometer.

To start calibration you will need to start from the odmeter/trip screen

`000000 MI`
`000000 MI`

1. With speedometer powered up press and hold the button for 10-12 seconds.
   Note: Keep holding the button past the Peak Recall if your gauge has that option.

2. Press and release button until the selection box is around the PPM icon (PPK for km/h models). The icon looks like a straight road.

3. Press and hold the button for 2-3 seconds to access PPM(PPK for km/h models) Calibration Mode.

4. LCD will prompt you to press button to start calibration.
   Note: Starting Calibration can be done while driving or while parked.
5a. Drive to mile marker and then press and release button to start calibration.
   5b. Drive 2 miles (4 kilometers) from the mile marker and promptly press and release the button to complete the calibration.
6. Calibration is completed. The Speedometer will exit Calibration Mode automatically and begin reading MPH(KM/H) and mileage.

The Speedometer is designed to work with any pulse/waveform from 1 volt - 100 volts. Pulses per mile from 500 - 250,000.
If your speedometer is not accurately showing MPH, double check your sensor wiring.

Trip reset

1. With speedometer powered up press and release button to display menu
2. Press and release button until trip icon is selected
3. Press and hold for 2-3 seconds to select and clear trip icon.

Invert contrast

1. With speedometer powered up press and release button to display menu
2. Press and release button until B/W icon is selected
3. Press and hold for 2-3 seconds to inert contrast of screen.

Peak recall (optional feature)

If your speedometer has peak recall you can see your top speed by pressing and holding the button for 2 seconds. Then the LCD will display peak MPH(KM/H). After releasing button, press again within 2 seconds to clear peak memory. Speedometer is now ready to store another peak.