SPEEDHUT

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

Power distribution cable to plug all gauges into
+12 volts Accessory Power——(Red)
(Main gauge power)
Ground——(Black)
+12 volts Dash lighting——(White)
(Pointer (needle) lighting)

White Wire: Speedometer pulse signal. Acceptable signals ranging from 1-100 Volts.

1K - 250K pulses per mile.

(Black)

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)
INVERTER
Ground (black)

Snap connection for dial lighting

Note: Tie both lighting white wires together and both black ground wires together.
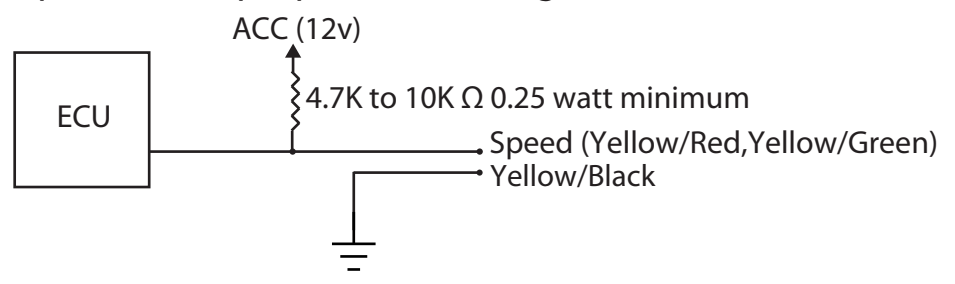
**Aftermarket Cruise Control Module — (Pink)

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.

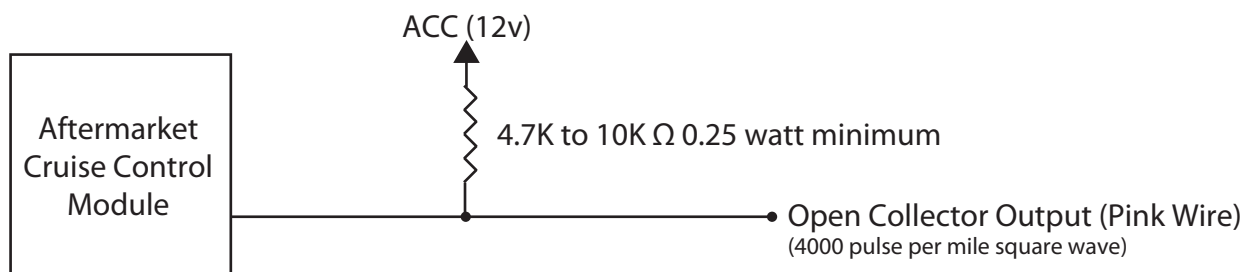**Turn Signals, High Beam Indicator, and Aftermarket Cruise Control connection are optional features.

Setup and Installation Steps:
1. Disconnect negative (-) battery bable
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.

Optional Setup: Speedometer Signal from ECU

ACC (12v)

ECU

4.7K to 10K Ω 0.25 watt minimum

Speed (Yellow/Red,Yellow/Green)
Yellow/Black

Optional: Open Collector output for aftermarket cruise control module connection.

ACC (12v)

Aftermarket Cruise Control Module

4.7K to 10K Ω 0.25 watt minimum

Open Collector Output (Pink Wire)
(4000 pulse per mile square wave)

SPEEDHUT

Speedometer Operation and Calibration Instructions

Legacy Revolution™

To access and use the on screen display: *(If the Speedometer includes an external button, plug the external button into the back of the speedometer.)*
1. Repeatedly press the button to cycle through the different display options.
2. Press and hold the button to gain access to display option features.
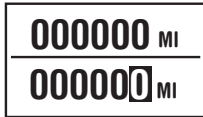
|	
000000 MI **000000 MI**	**Trip Odometer** **Trip Reset:** While viewing the Odometer display press and hold the button for 2-3 seconds.
⚡ **0 MPH** PEAK	**Peak Recall** Use this feature to recall your top speed. When this option is selected the pointer (needle) will point to the peak speed. **Peak Recall Reset:** Press and hold for 2-3 seconds.

To access and use the Calibration* and Service menu: (*Note: To exit the menu, wait 5 seconds for it to time out or cycle the gauge power.*)

A. Press and hold the button down while turning on Speedometer power.

B. Use a quick button press to select different menu items.

      1. Speedometer Calibration*

      2. Service Alert Intervals

      3. Product About Screen

> MENU
> 1. SPEED CAL.
> 2. SERVICE INTERVALS
> 3. ABOUT
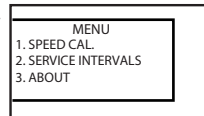
C. Press and hold to select the menu item (2-3 seconds).

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

1. Speedometer Calibration

a. Select the "SPEED CAL." menu item. (*To ensure your safety during Speed Calibration, we suggest you have a passenger assist you while performing the speedometer calibration.*)

> MENU
> **1. SPEED CAL.**
> 2. SERVICE INTERVALS
> 3. ABOUT
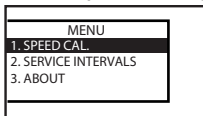
b. Press and hold the button for 2-3 seconds to access the "SPEED CAL." Menu.

c. Select a Calibration Speed - "PRESS TO ADJUST"

      - Press and hold the button to toggle the Cal. Speed selection up, release for 2 seconds then press and hold to toggle the Cal. Speed selection down. Select a Cal. Speed from 10 mph(km/h) to 65 mph(km/h).

> 1. SPEED CAL.
> **25** MPH
> PRESS TO ADJUST
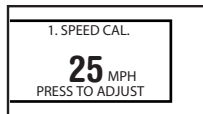
d. Once you have selected the desired calibration speed, wait 5 seconds until the screen displays "DRIVE TO SPEED".

> DRIVE TO SPEED
> **25** MPH
> PRESS TO SAVE
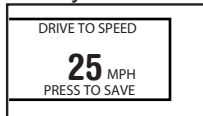
e. Using a known accurate speed device* (GPS or smart phone), Drive vehicle to the selected speed then press the button.

      - The screen will display "SAVING…".

      - The pointer will point to zero and the screen will display the menu, wait 5 seconds and the speedometer will begin showing the Speed and counting Mileage.

      *If no accurate speed device is available, you can match the speed of your vehicle with another vehicle that is traveling at the Calibration Speed.

> DRIVE TO SPEED
> **25** MPH
> SAVING...

> DRIVE TO SPEED
> ⚠️
> NO SIGNAL
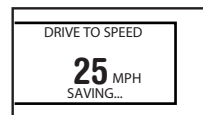
f. If you get a "NO SIGNAL" error then you have one of the following problems:

      - The vehicle is parked and is not moving.

      - The speed source or sender is not sending a speed signal.

      - The wiring to the sender (or speed source) maybe incorrectly installed or faulty.

Note: The speedometer is designed to work with any pulse/waveform from 1 volt - 100 volts with pulses per mile from 1000 PPM to 250,000 PPM. If your speedometer is not accurately showing speed, check the sender (or speed source) and the wiring.

2. Setting Interval for Service Alerts (This feature allows you set service alerts to be displayed when you reach a preset mileage.)
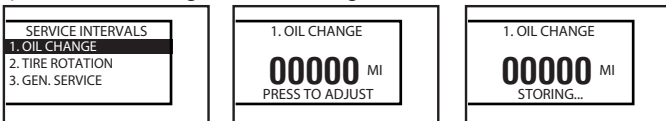
```
MENU
1. SPEED CAL.
2. SERVICE INTERVALS
3. ABOUT
```
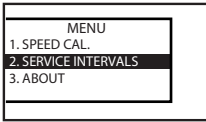
a. Select the "SERVICE INTERVALS" menu item.
b. Press and hold the button for 2-3 seconds to access the Service Intervals Menu.
   Use a quick button press to select different menu items.
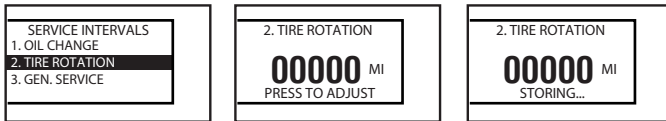   1. Oil Change
   2. Tire Rotation
   3. Gen. Service

```
SERVICE INTERVALS
1. OIL CHANGE
2. TIRE ROTATION
3. GEN. SERVICE
```
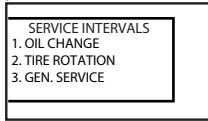
c. Press and hold to select the menu item (2-3 seconds).

2(1). Set Oil Change Alert Mileage

```
SERVICE INTERVALS        1. OIL CHANGE              1. OIL CHANGE
1. OIL CHANGE            00000 MI                   00000 MI
2. TIRE ROTATION        PRESS TO ADJUST            STORING...
3. GEN. SERVICE
```

- Press the button to select how many miles you would like to go before you see the "Change Oil" alert.
- You can select 1000 to 10000 miles. Selecting 00000 turns the "Change Oil" alert off.
- Wait 5 seconds and the mileage setting will be saved.

2(2). Set Tire Rotation Alert Mileage

```
SERVICE INTERVALS        2. TIRE ROTATION           2. TIRE ROTATION
1. OIL CHANGE           00000 MI                    00000 MI
2. TIRE ROTATION        PRESS TO ADJUST            STORING...
3. GEN. SERVICE
```

- Press the button to select how many miles you would like to go before you see the "Rotate Tires" alert.
- You can select 1000 to 10000 miles. Selecting 00000 turns the "Rotate Tires" alert off.
- Wait 5 seconds and the mileage setting will be saved.

2(3). Set General Service Alert Mileage

```
SERVICE INTERVALS        3. GEN. SERVICE            3. GEN. SERVICE
1. OIL CHANGE           00000 MI                    00000 MI
2. TIRE ROTATION        PRESS TO ADJUST            STORING...
3. GEN. SERVICE
```

- Press the button to select how many miles you would like to go before you see the "Service" alert.
- You can select 1000 to 60000 miles. Selecting 00000 turns the "Service" alert off.
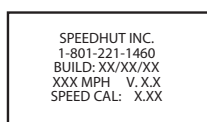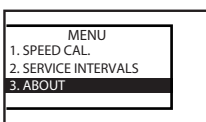- Wait 5 seconds and the mileage setting will be saved.

When you reach your set mileage for an Alert, you will see the alert icon when you power on the speedometer.
- Wait 2 seconds and the approximate miles over will be displayed (rounded to the nearest hundred).
- Press the button to ignore the alert.
- Press and hold to reset the Alert (to turn off an Alert, please see instructions above).

| CHANGE OIL | - 000 MILES | ROTATE TIRES | - 000 MILES | SERVICE | - 000 MILES |
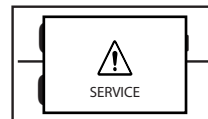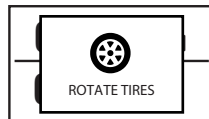
3. About Screen
Use the "About" screen to view manufacturing date and other diagnostic information:

```
MENU                     SPEEDHUT INC.
1. SPEED CAL.            1-801-221-1460
2. SERVICE INTERVALS    BUILD: XX/XX/XX
3. ABOUT                XXX MPH   V. X.X
                        SPEED CAL:  X.XX
```