# SPEEDHUT

# 2-1/16” and 2-5/8” Wide Band Gauge Instructions

Revolution™

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

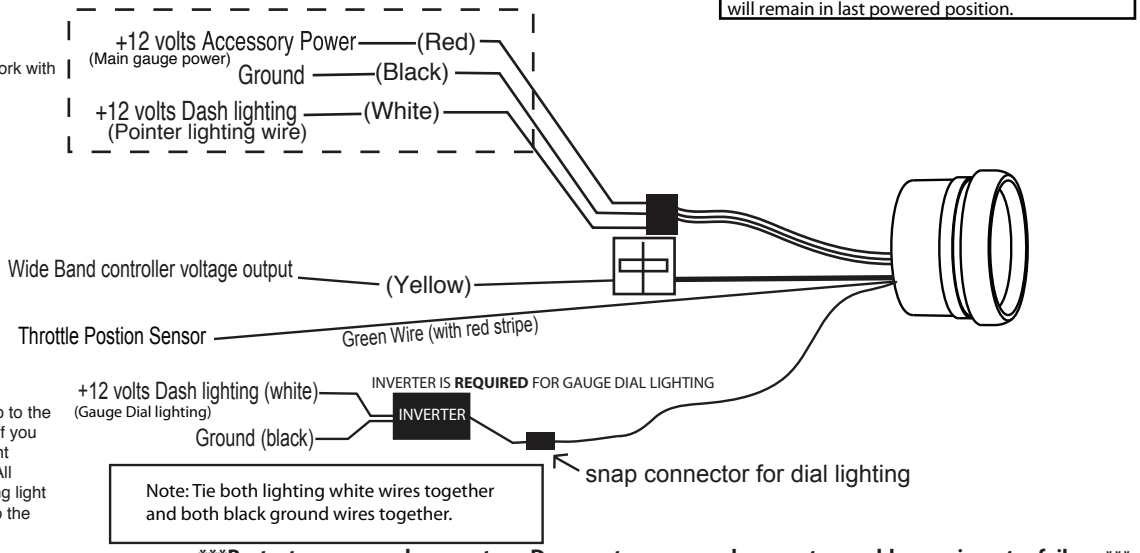
Note:
Your wide band gauge is calibrated to work with
Innovates 10-18 AF (.880-3.54volts)
Dynojet 10-18 AF ( 0-5volts)
AEM (.5-4.5 volts)
NGK (0-5volts)
PLX (0-4volts)

Note: If your controller has an anolog (-)ground referance wire in addition to the main controller ground this must also be connected to chassis ground.

Note:
Your wide band gauge can be hooked up to the TPS sensor (Green wire). This is used if you would like to ONLY have the warning light come on when in full throttle condition. All other partial throttle condtions the warning light will NOT turn on if this wire is attached to the TPS sensor.

This is used if you ONLY want to be alerted if your in full throttle condition and the the gauge moves into the warning region.

Note: When gauge power is off the pointer(needle) will remain in last powered position.







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

*****Protect any unused connectors. Damage to an unused connector could cause inverter failure.*****

**Installation procedure**

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 (depending on your dash panel thickness). Snap Gauge connector to wiring connector

4. Reconnect negative (-) battery cable.

**Innovate, AEM, PLX, NGK, Dynojet commander - calibration procedure**

NO CALIBRATION REQUIRED. WE HAVE SET UP YOUR GAUGE TO WORK WITH YOUR CORRESPONDING CONTROLLER ALREADY.

Revolution

----------Note: For Revolution Series gauges with setable warning light see below----------

**Setting warning LED for both low and high.**

Led can be set to turn on for both a low or high condition, or turned off in either/both case(s).

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

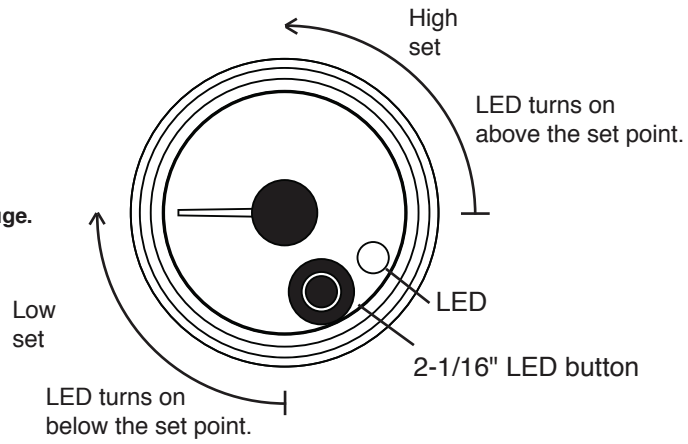
**Note for 2-5/8" gauges plug button in left side back of gauge.**

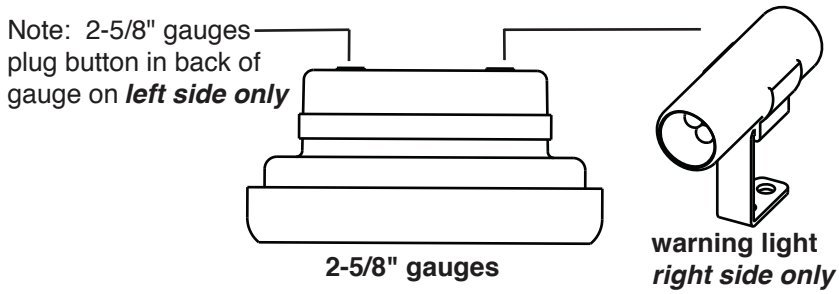
1. To enter LED calibration mode, Press and hold LED button with gauge power off. Turn on gauge power. Release button.

2. Pointer will slowly scan clockwise from full low condition on dial. Press button at desired low warning set point. LED will blink to indicate low warning has been set. Note: Pressing button at full low (6 o'clock position) on dial will turn off Rich LED warning so that it does not light up.

3. Pointer will now travel to full 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 button at max high position on dial will turn off high LED warning so that it does 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.




**Setting LED brightness both day and night.**

At any time while gauge is running, press and release LED button to show current LED brightness. After a couple second delay, if button is not pressed this current setting is re-saved. LED will blink to indicate setting has been saved. To change LED brightness press and release the button to advance to next higher brightness level. LED brightness will loop through 5 possible brightness settings including off as you press and release the button. At acceptable brightness level do not press button for couple second delay. LED 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 (Revolution line only)**

Press and hold gauge button down and gauge needle will move between low and high peak. Gauge will continue toggling between low and high peaks as long as button is pressed.
Note: low peak becomes active once gauge needle travels up at least 1/8 scale initially. 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 button, wait 5 seconds, gauge will return to normal and retain the peak reading.

**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 pointer will travel to zero to indicate peak has been cleared

| ***Dual Peak Feature*** |
|---|
| Boost |
| Pressure |
| Air Fuel |
| |

| ***Max Peak Feature*** |
|---|
| Temperature |
| EGT |
| Voltage |
| |

| ***NO Peak Features*** |
|---|
| Fuel level |
| Vacuum |
| |
| |