



2-1/16" FULL SWEEP ELECTRIC GAUGE INSTALLATION INSTRUCTIONS

BEFORE YOU START

Read instructions completely before installation.

WEAR SAFETY GLASSES.

Install gauges only when engine is cool and ignition is off. Make sure all necessary tools, materials, and parts are on hand.

Disconnect negative (-) battery cable before installing gauges. NOTE: It may be necessary to reprogram your radio, clock, etc. after reconnecting the battery.

Make sure mounting location does not impair visibility or interfere with driving. Also check behind the mounting location for any wiring or components before drilling.

Refer to your vehicle's service manual for the location of sensor port, vacuum system, and/or charging system.

NOTE: Some vehicles use temperature and pressure sensors for engine control functions. Use a T-fitting if necessary when installing gauge sensors.

When connecting electrical wires, install crimp terminals (purchased separately) and make wire splices as needed.

ALWAYS insulate wire splices with electrical tape to prevent shorting.

Follow all necessary safety procedures for protection.

GAUGE INSTALLATION

2-1/16" gauge mounts in a 2-1/16" diameter hole. Insert gauge through front of panel or hole in dashboard. Fasten with supplied u-clamp and thumb screws.

WIRING

Use 18 AWG stranded or heavier wire for installation.

GREEN – Signal (Not Applicable for VOLTMETER)

WHITE – Dash 12V (+) Lighting*

BLACK - Ground

BROWN – Dash 12V (+) Lighting*

RED – 12V (+) Ignition Source

CAUTION: As a safety precaution, the 12V (+) terminal of this product should be fused before connecting it to the 12V (+) ignition switch. We recommend using a 4 Amp, 3 AG fast-acting type cartridge fuse.

LIGHTING

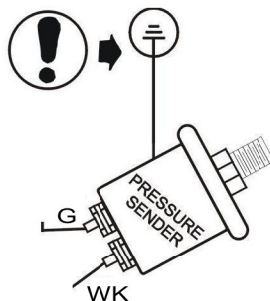
Gauges come with amber and white through-the-dial LED lighting. For white lighting, connect the WHITE wire to your 12V (+) dash light circuit. For amber lighting connect the BROWN wire to your light circuit.

OIL PRESSURE

Connect GREEN signal wire to G terminal on the pressure sender.

NOTE: Pressure sender needs to be connected to source of common ground. If the sender is not grounded it will not work. If necessary connect add a wire from the body of the sender to a common vehicle ground.

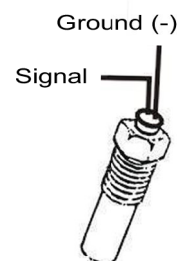
If applicable, connect the WK terminal on the pressure sender to warning light.



TEMPERATURE

Connect female connector to common ground.

Connect male connector to GREEN wire (signal connection on gauge)



VOLTMETER

The voltmeter does not have a GREEN signal connection. The signal is obtained directly from the 12V (+) connection.

Connect the RED wire to 12V (+) ignition source. Connect BLACK wire to good common ground. Connect WHITE or BROWN wire to dash 12V (+) lighting for LED through-the-dial backlight color.

FUEL LEVEL

NOTE: Verify you have the correct gauge (i.e. 240/33 Ohm Empty/Full) for your fuel level sender.

Connect the gauge GREEN wire (signal) to the sender terminal post in fuel tank.

Connect gauge BLACK wire (ground) to fuel tank sender ground.