

# INSTALLATION INSTRUCTIONS EXTREME ENVIRONMENT GAUGE (EEG) FULL SWEEP ELECTRIC VOLTMETER GAUGE

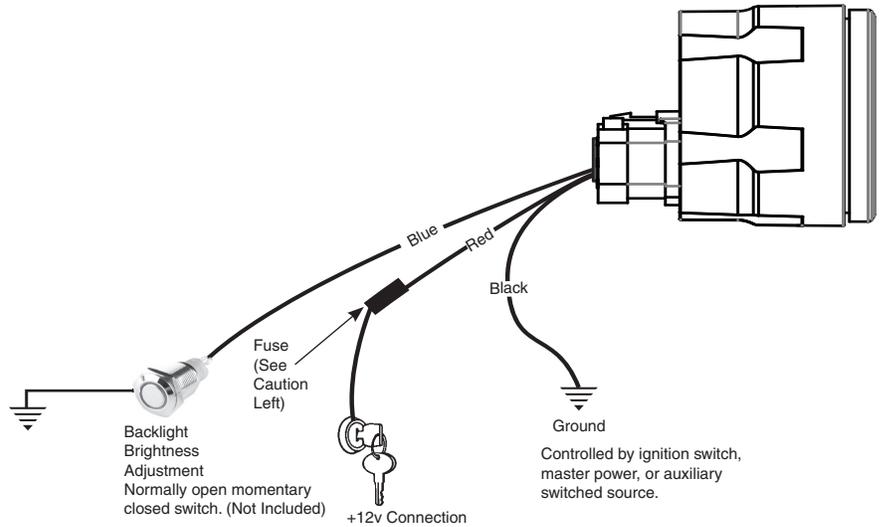
2650-1981-77



## CAUTION!

As a safety precaution, the red wire of this product should be fused before connecting to the 12V ignition switch. We recommend using a 3 AMP automotive type fuse.

**NOTE:** When the ignition is off the pointer may not always rest at zero.



## Installation

1. Check that you have all parts required for installation, and the engine is cool.
2. Disconnect the negative (-) battery cable.
3. Gauge mounts in a 2-1/16" hole. Use supplied bracket to secure gauge to dash.
4. Drill 1" diameter hole where wires pass through sheet metal (such as firewall) and install rubber grommet provided (Grommet will require slit.)
5. Connect the blue wire to switched ground for peak recall, the red wire to switched +12V source and the black wire to ground. (see diagram for details)
6. Slide the instrument into panel hole from the front. Secure behind panel with supplied twist lock ring. **DO NOT OVERTIGHTEN!**

## Power-Up

The pointer will move counter clockwise to the lowest tick mark and then moves to the current gauge reading. This procedure is an auto calibration function and is performed on every power up. While this test is being performed, the gauge may make a clicking sound. This is normal.

## Full Dial Warning

This gauge features full dial warning. When a warning point is reached, the entire dial illuminates red. In addition, the dial illumination will flash red when an over warn point is reached. The warning points for this gauge are set as follows:

The low warning value for the Voltmeter gauge has a preset value of 11 Volts. At 11 Volts or less, the dial will illuminate red. The low under warning value for the Voltmeter gauge has a preset of 10 Volts. At 10 Volts or less, the dial will blink red.

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# Backlight Brightness

During normal operation, the backlight brightness is fixed. The gauge allows five preset backlight brightness settings. The default brightness is 75% of maximum. To change the brightness:

1. While the gauge is powered OFF, hold the blue wire to ground.
2. Apply power to the gauge and wait for the pointer to zero and move beyond full scale. The pointer will be pointing straight down at center bottom of the dial.
3. Release the blue wire from ground.
4. Switch the blue wire to ground momentarily to cycle through the five brightness settings.
5. The five options are 0% (OFF), 25%, 50%, 75% or 100% of maximum.
6. Once the desired brightness is selected release the blue wire from ground.
7. After 5 seconds, the gauge shall flicker white indicating the brightness value has been saved.
8. The gauge then returns to normal operation.

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## SERVICE

For service send your product to AutoMeter in a well packed shipping carton. Please include a note explaining what the problem is along with your phone number. If you are sending product back for Warranty adjustment, you must include a copy (or original) of your sales receipt from the place of purchase.

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## 12 MONTH LIMITED WARRANTY

AutoMeter Products, Inc. warrants to the consumer that all AutoMeter High Performance products purchased from an Authorized AutoMeter Reseller will be free from defects in material and workmanship for a period of twelve (12) months from date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at AutoMeter's option, when determined by AutoMeter that the product failed due to defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the AutoMeter High Performance product and the necessary labor done by AutoMeter to effect the repair or replacement of the AutoMeter High Performance product. In no event shall AutoMeter's cost to repair or replace an AutoMeter High Performance Product under this warranty exceed the original purchase price of the AutoMeter High Performance Product. Nor shall AutoMeter Products, Inc. be responsible for special, incidental or consequential damages or costs incurred due to the failure of an AutoMeter High Performance Product. This warranty applies only to the original purchaser of the AutoMeter High Performance Product and is non-transferable. This warranty also applies only to AutoMeter High Performance Products purchased from an Authorized AutoMeter Reseller. All implied warranties shall be limited in duration to the said 12 month warranty period. Breaking the instrument seal, improper use or installation, accident, water damage, abuse, unauthorized repairs or alterations voids this warranty. AutoMeter disclaims any liability for consequential damages due to the breach of any written or implied warranty on all products manufactured by AutoMeter Products, Inc. For a comprehensive listing of Un-Authorized AutoMeter Resellers please visit [www.autometer.com/autometerlocator/index/unauthorized](http://www.autometer.com/autometerlocator/index/unauthorized).

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