



### Install the BOSCH O<sub>2</sub> Sensor and AEM controller:

Your Classic Instruments Air / Fuel Ratio gauge uses an AEM O<sub>2</sub> sensor processor kit (P/N 30-0310). Follow the AEM instructions to install the O<sub>2</sub> sensor and processor. Your Classic Instruments wideband gauge is specially calibrated to display the data from the processor for gasoline engine applications. Contact Classic Instruments for alternative fuel options. Please do not contact Classic Instruments for assistance with tuning your engine.

### To Set Backlight Color (cool white / warm white):

1. Start with power off.
2. Press and hold pushbutton.
3. While pressing pushbutton, apply power to the gauge (starting vehicle not necessary).
4. Release pushbutton once power is applied.
5. The pointer will indicate 13.5.
6. Tap the pushbutton to move the pointer to 9.
7. With the pointer indicating 9, press and hold the pushbutton until the pointer moves to 11.25 or 15.75.
8. 11.25 represents the "cool white" lighting option and 15.75 represents the "warm white" lighting option. Tap the pushbutton to move the pointer between 11.25 and 15.75.
9. When the pointer is indicating the desired lighting option, press and hold the pushbutton until the pointer returns to 9. Turn off power to save the changes.

### To Set Warning Light Trigger Point:

1. Start with power off.
2. Press and hold pushbutton.
3. While pressing pushbutton, apply power to the gauge (starting vehicle not necessary).
4. Release pushbutton once power is applied.
5. The pointer will indicate 13.5.
6. Tap the pushbutton twice to move the pointer to 9 and back to 13.5 again.
7. Press and hold the pushbutton (with the pointer at 13.5) until the pointer moves to indicate the warning light trigger point.
8. Press and hold the pushbutton to change the trigger point shown. The first time the pushbutton is pressed and held, the air/fuel ratio shown will increase. The second time the pushbutton is pressed and held, the air/fuel ratio shown will decrease. The ratio shown will alternate between increasing and decreasing each time the pushbutton is pressed.
9. If the set trigger point is set below 13.5, the warning light will come on when the ratio is below the trigger point. If the set trigger point is set above 13.5, the warning light will come on when the ratio is above the trigger point.
10. Once the desired trigger point is shown, wait 10 seconds without pushing the pushbutton in order to save the setting. The pointer will return to 9. Turn off power to save the changes.

**Important: Turn power OFF to the gauge after making changes in order to save those changes**

## WARRANTY

Our warranty guarantees the original purchaser that the specified product is free from defects in materials and workmanship for a period of seven years. The manufacturer will repair or replace (at its discretion) any product that fails to conform to this warranty. All warranted products must be used in accordance with the manufacturer's instructions and for the purpose designed and intended. Any modifications, alterations, adverse environmental conditions (fire, flood, etc.) or attempted repair will void the warranty. Warranty is valid only for the original owner of the specified product.

Any product believed to be in need of warranty service must receive an RMA number and must be returned to Classic Instruments for evaluation and testing. Based on the results of these tests and current product availability, the product may be repaired or replaced at the sole discretion of Classic Instruments. Owner is responsible for all charges relating to removal/installation of warranted products and all shipping and handling charges relating to returned warranted products. Upon purchase of the lifetime warranty the buyer agrees to the conditions stated above. For questions regarding warranty or product please call us. 1.800.575.0461

Also ask about our lifetime warranty.

FULL-SWEEP

## Air / Fuel Ratio Gauge

*Gasoline Applications Only*

## Installation Manual



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