

INSTALLATION INSTRUCTIONS

2¹/₁₆" & 2⁵/₈" AMMETER GAUGES

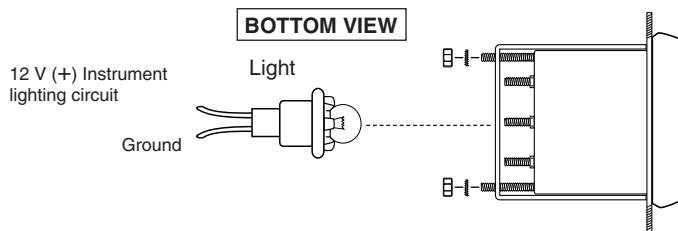
MODEL 2586, 2644, 3586 and 5486

2650-1260-00



Mounting

These gauges can be mounted in a 2¹/₁₆" or 2⁵/₈" (depending on model) dia. hole. Fasten with brackets, nuts and lockwashers supplied as shown. (Hookup wire is required.) To assure proper functioning of this instrument, please read instructions thoroughly before installing.



Installation

Read **before** installing:

WARNING

Have your maximum alternator output tested. Choice of improper ammeter rating and/or wire size, and any loose connections can cause dangerous overheating, which could lead to a fire in the vehicle. Ammeter and wire should have a capacity of at least 10 amps more than your vehicle's maximum alternator output.

1. Disconnect negative (-) battery cable. (Wear safety glasses.)
2. (10-gauge wire or larger must be used.)
3. **IMPORTANT:** Verify that base nuts on both meter terminals are tight. Tighten base nuts prior to installing terminal lugs and wires. Connect ammeter as shown.

CAUTION:
DO NOT CONNECT THE AMMETER ACROSS THE BATTERY.

4. **IMPORTANT:** Terminal lugs must be BOTH crimped and soldered to wire; star lockwashers must be used on both sides of terminal lugs.
5. Tighten terminal nuts to compress star lockwashers into terminal lugs.

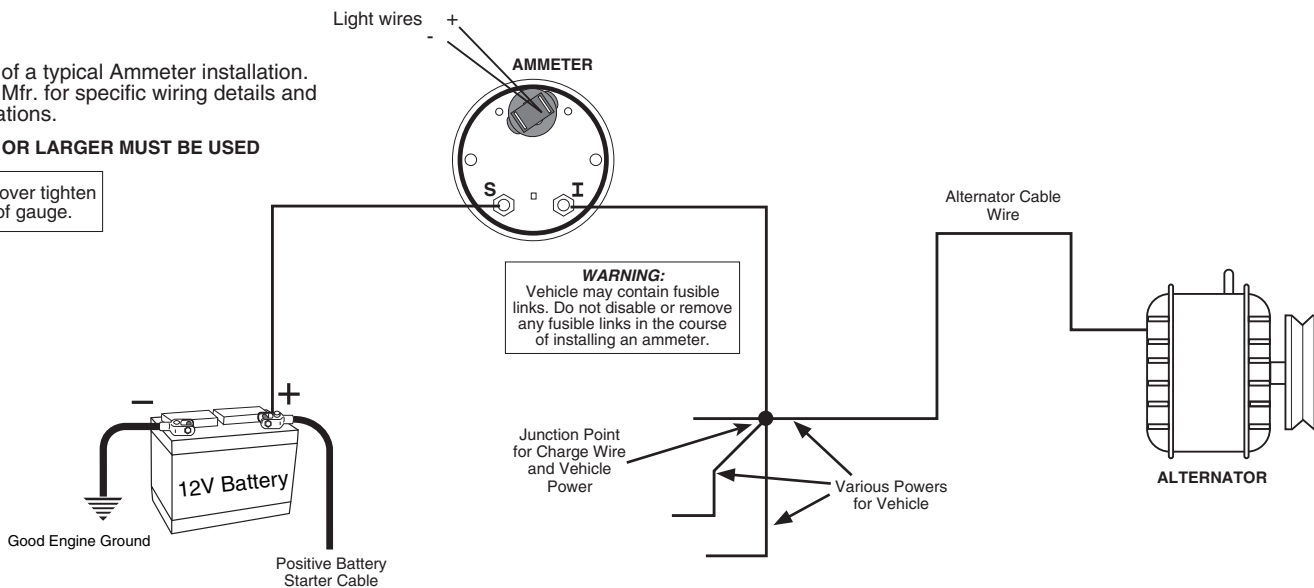
6. Verify that **none** of the ammeter connections are to ground.
7. Install light in gauge and connect white wire to instrument panel lighting circuit or to any 12V source and connect black wire to a separate ground wire.
8. Reconnect negative (-) battery cable.
9. Leaving engine **off**, turn on lights. Indicator should read negative (-). If it reads positive (+), disconnect neg. battery terminal and reverse the wires on back of meter, then reconnect neg. battery terminal. **Before** starting engine, double check that all connections are tight. After starting engine, check wiring connections for hot spots. Be prepared to shut engine off **immediately** if hot spots are detected.

Wiring

Example wiring of a typical Ammeter installation. Consult vehicle Mfr. for specific wiring details and safety considerations.

10 GAUGE WIRE OR LARGER MUST BE USED

Caution: Do Not over tighten nuts on back of gauge.



SERVICE

For service send your product in a well packed shipping carton to the address below. Please include a note explaining what the problem is along with your phone number. Please specify when you need the product back. Normal repairs take approximately ten (10) working days. 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.

12 MONTH LIMITED WARRANTY

The manufacturer warrants to the consumer that this product will be free from defects in materials and workmanship for a period of twelve (12) months from the date of the original purchase. Products that fail within this 12 month warranty period will be repaired or replaced at the manufacturer's option to the consumer, when determined by the manufacturer that the product failed because of defects in material or workmanship. This warranty is limited to the repair or replacement of parts in the instrument and the necessary labor done by the manufacturer to affect the repair or replacement of the instrument. In no event shall this warranty exceed the original purchase price of the instrument, nor shall the manufacturer be responsible for special, incidental or consequential damages or costs incurred due to failure of this product. Warranty claims to the manufacturer must be transportation prepaid and accompanied with dated proof of purchase. This warranty applies only to the original purchaser of product and is non-transferable. 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. The manufacturer disclaims any liability for consequential damages due to breach of any written or implied warranty on all products made by the manufacturer.

FOR SERVICE CONTACT: AUTO METER PRODUCTS Inc. 413 W. Elm St., Sycamore, IL 60178 USA (815)899-0801 or
Email us at service@autometer.com

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