

# INSTALLATION INSTRUCTIONS

## 2<sup>1</sup>/<sub>16</sub>" & 2<sup>5</sup>/<sub>8</sub>" AMMETER GAUGES

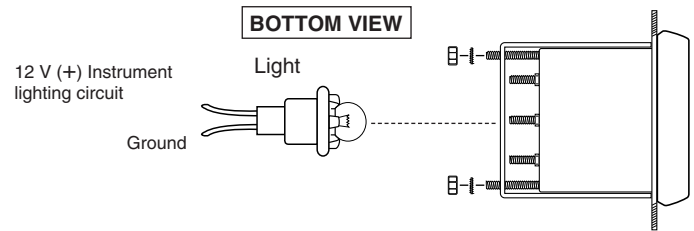
### MODEL 2586, 2644, 3586 and 5486

2650-1260-00



## Mounting

These gauges can be mounted in a 2<sup>1</sup>/<sub>16</sub>" or 2<sup>5</sup>/<sub>8</sub>" (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.

