



Caerbont Automotive
Instruments

'The original makers of SMITHS Instruments'

Instructions for 52mm Ammeter

Caution

**Disconnect the battery
cable prior to any
installation**

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Panel Mounting

- To mount the ammeter in a panel, an aperture 52mm (2.05 inches) is required.
- Insert the ammeter into the aperture and secure with the fixing bracket, washers and nuts supplied

Electrical Connection/Wiring

- Connect the ammeter as shown in the wiring diagram, ie. break into the wire connecting the alternator to the positive side of the battery, connect the ammeter in **SERIES** with this wire. Use 9.5mm (0.375 inch) female receptacles to connect to the ammeter.

Illumination

- Assemble bulb into holder.
- Install bulb/holder assembly into lamp tube at rear of gauge. Ensure assembly is pushed firmly and fully into lamp tube.

Illumination Electrical connection

- Connect one wire from the bulb assembly to the illumination side of the dimmer/illumination switch. Connect the other wire to the negative side of the vehicle (Chassis)

OR

- Connect one wire to the fused side of the side light supply. Connect the other wire to the negative side of the vehicle's instrument panel illumination wiring.

Wiring Diagram

