

## APPLICATION

### ELECTRICAL GAUGES

**WIRING** – Use No. 18 AWG wire and eyelet terminals. Ammeters require **at least** a # 10 AWG wire. Gauges (except for the voltmeter) have 3 terminals. “I” to Ignition. “S” to Sending Unit and “G” to Ground. Sender damage can occur if battery lead (+12 volts) touches the sender unit.

### TROUBLE-SHOOTING

**Gauge that shows full scale reading** – Remove sender wire at gauge. Gauge should return to zero. Solution: Sender or wire have shorted to ground.

**Gauge that does not operate** – Check all leads. If O.K., ground sending unit from terminal to engine block. Gauges should go to full scale reading. If it does, sender is bad. If it doesn't, then the gauge is the problem.

### MECHANICAL GAUGES

Damage to capillary tubes due to incorrect handling will void the warranty. Do not over tighten fittings. All tubing for mechanical gauges must be routed away from heat sources and sharp edges. Do not kink or bend tubing too sharply.

### LIGHTING

Gauge have a two wire light. Attach one wire to dash light dimmer switch and second wire to ground. If replacing a gauge with one wire, the second wire can be grounded to ground terminal, or if a metal dash is involved, it can be fastened to a bracketed stud.

### LIMITED WARRANTY

ISSPRO Inc. warrants to the consumer that its analog gauge products will be free from defects in materials or workmanship for 12 months following purchase by the end user. Warranty is limited to replacement or credit at ISSPRO's option, of defective parts within the warranty period. Parts must be returned, prepaid, to the original purchase point for warranty inspection. This warranty does not apply to misapplication, misuse, negligence, or accident.

This warranty is in lieu of any other expressed or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of the seller. In no event will the seller be liable for incidental or consequential damages.



# Typical Gauge Wiring Diagram

