# INSTRUCTIONS



## 2 1/16" Voltmeter, Eletric Installation Instructions

#### **BEFORE YOU START**

- 1. Install gauges only when engine is cool and ignition is off.
- 2. Disconnect negative (-) battery cable before installing gauges.
- 3. Refer to your vehicle's service manual for the location of sensor port, vacuum system, and / or charging system.

WARNING: Check and maintain your engine regularly, and be aware of any irregularities. Do not rely on the gauges as the only means of protection.

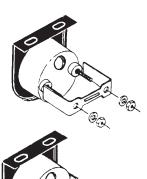
#### **GAUGE INSTALLATION**

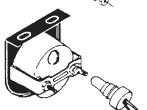
Install U-bracket over gauge mounting studs and secure with two nuts and flat washers

DO NOT OVERTIGHTEN NUTS OR U-BRACKET MAY WARP.

#### **GAUGE LIGHT CONNECTION**

- 1. Splice free end of light socket red lead wire into an existing lead from any vehicle instrument panel lamp.
- 2. Connect light socket black lead to a good chassis ground.





### **GAUGE CONNECTION**

- 1. Connect lead wires as shown.
- 2. Reconnect negative (-) battery cable. With ignition switch on (and engine NOT RUNNING), voltmeter should read between 11.6 and 13.2 volts. A lower reading indicates for battery or defective battery cables. Make necessary repairs.
- 3. Start and run engine. Voltmeter should read between the 3 and 15.2 volts. A lower reading indicates faulty regulator, slipping belts, faulty alternator, or excessive loads. A higher reading indicates a faulty voltage regulator.



Speedway Motors Inc., P. O. Box 81906 Lincoln, NE 68501 402-323-3200 www.SpeedwayMotors.com