

**PART NUMBER**

74440-68

Rev. 12-67

**INSTRUCTIONS**

AMF | HARLEY-DAVIDSON

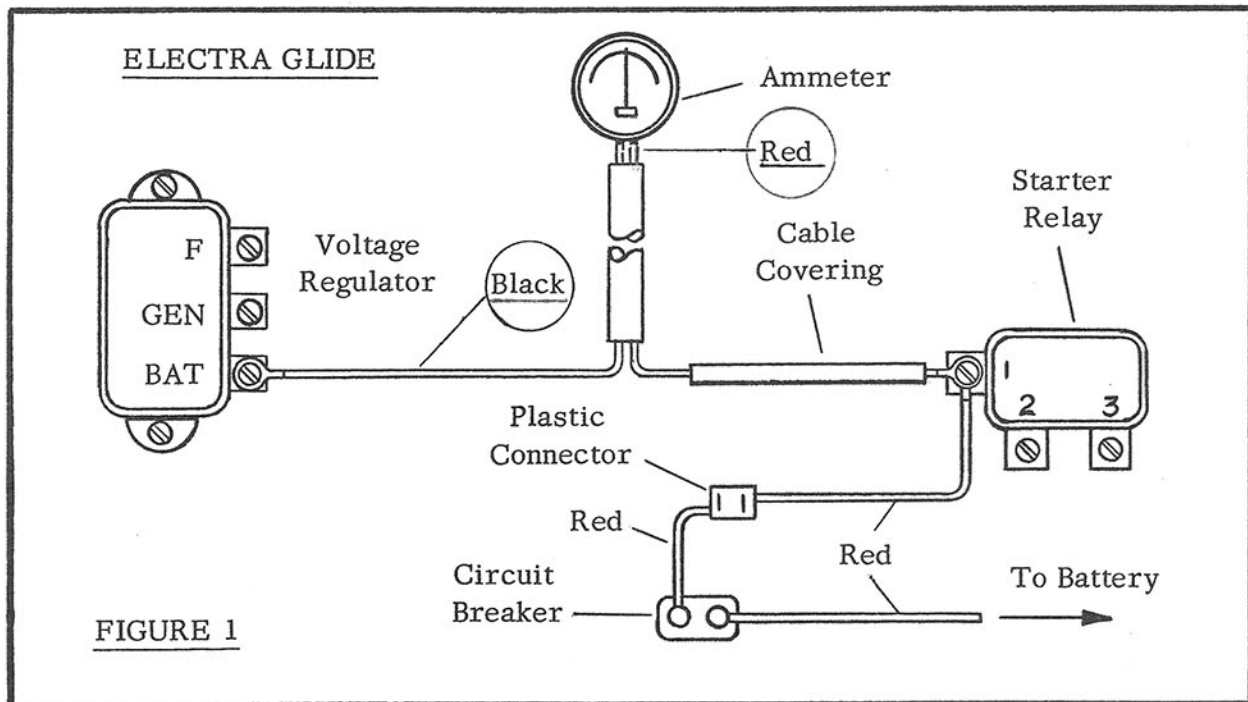
**GENUINE PARTS  
AND ACCESSORIES**AMMETER KIT - ELECTRA GLIDE AND SPORTSTER XLH

Locate ammeter in desired position on left handlebar (preferably close to handlebar cover). Attach with clamp and the two 3/4 in. screws.

ELECTRA GLIDE WIRING See Figure 1.

Disconnect battery ground cable and remove instrument panel cover and tank filler strip. Lead ammeter cable down past frame steering head toward rear. Leave enough slack in cable to allow for full fork movement. Use spring clips from kit to hold cable to handlebar. Lead cable past left side of frame head, under instrument panel base, over seat bar hinge and down through triangular opening in frame at right of seat post.

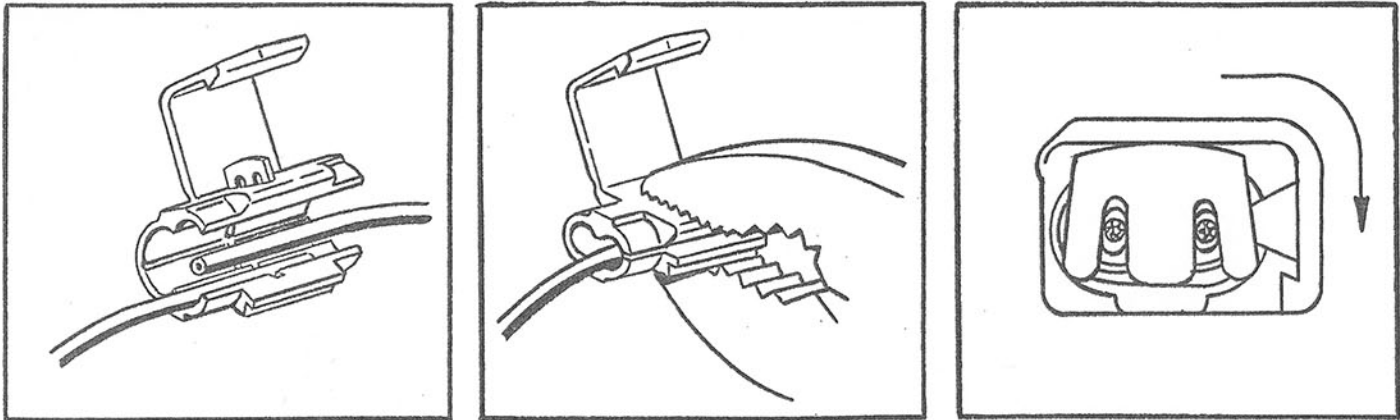
Disconnect the three red wires attached to "BAT" terminal of voltage regulator. Regulator may be removed from bracket for ease of installation. Connect the red wire from No. 1 terminal of starter relay and red wire from circuit breaker together, using plastic connector from kit. Cut wires and coverings to desired length so that connection can be made in a convenient location. Method of installing plastic connector is shown in Figure 2.



Lead black ammeter wire up to regulator "BAT" terminal and cut off excess. Crimp and solder one ring terminal from kit onto wire and attach wire to "BAT" terminal, along with remaining red wire from terminal box. Reinstall regulator.

Route red ammeter wire under battery to No. 1 terminal of starter relay. Slide long length of cable covering from kit onto wire. Install remaining ring terminal from kit and attach wire to relay terminal. Use plastic strap from kit to hold cable to frame below seat.

Reinstall instrument panel cover and filler strip and connect battery ground cable. Test ammeter by turning headlamp on without starting engine. Indicator should read to left of center. If it reads to right, turn off headlamp, remove battery ground cable and reverse wires on ammeter studs. Connect ground cable and test again. Reading should be correct.



1. Place wire ends into connector so that ends are past middle notch.

2. Use pliers to squeeze down metal clip. Clip shears through insulation and grips wires tightly.

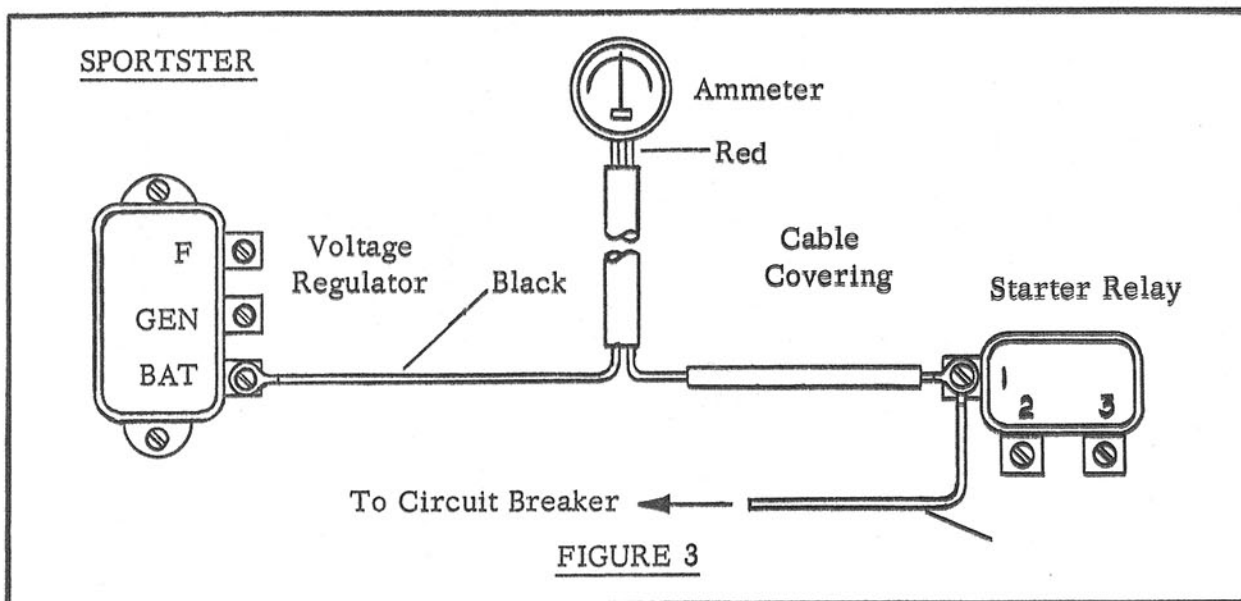
3. Snap over hinged cover. Section view shows clip compressed in place providing good contact.

FIGURE 2

SPORTSTER WIRING See Figure 3.

Disconnect battery positive cable. Install ammeter on left handlebar as described for Electra Glide. Remove gas tank and route ammeter cable toward rear along upper left side of frame tube, between front saddle bolt and frame down toward voltage regulator. Use plastic strap from kit to hold cable to frame tube. Allow enough slack for full fork movement. Reinstall tank with cable running above tank front mounting bolt.

Lead red ammeter wire to starter relay terminal No. 1 and cut wire to length. Slide short length of cable covering from kit onto wire. Install ring terminal from kit on wire and attach to relay terminal. Lead black ammeter wire to regulator "BAT" terminal, and install remaining ring terminal from kit. Attach wire to regulator terminal. Plastic connector is not used.



Harley-Davidson, Inc. has given us permission to provide this document on our website for the sole purpose of helping us restore our motorcycles.

Harley-Davidson, Inc. retains copyright over these materials, and NO reproduction or other use of these materials is permitted without prior authorization from Harley-Davidson, Inc.

The **Old Sportster and K-model Research Group (OSKRG)** is a group of individuals who have spent years researching the minute differences in the parts, fit, finish, and configuration of the Harley-Davidson 1952-1956 K-Models, and (early) 1957-1969 Sportster models.

The results of our research is published on our website  
**[www.harleyKmodel.com](http://www.harleyKmodel.com)**