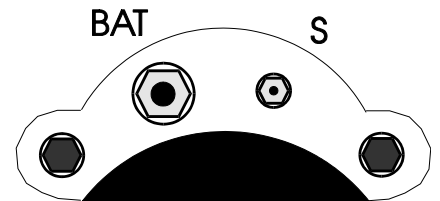


## TO CHECK FOR PROPER STARTER VOLTAGE

1. Install starter and fasten all electrical connections securely.
2. **Connect** a voltmeter to the starter. Black lead to starter case; red lead to "S" terminal. Attempt to crank engine.



### **NO CRANK - VOLTAGE LESS THAN 12 VOLTS:**

If the engine does not crank and voltage is less than 12.0 volts check for

- Defective neutral safety switch,
- Bad ignition switch
- Weak battery
- Bad ground.

### **NO CRANK - VOLTAGE MORE THAN 12 VOLTS:**

If the engine does not crank and voltage is MORE than 12.0 volts. Proceed to step 3.

3. Move red wire of voltmeter to starter BAT post.
4. Turn the ignition key to the crank position.
5. Observe the voltmeter:

### **NO CRANK - VOLTAGE LESS THAN 12 VOLTS:**

Check for weak battery, loose or corroded cables

### **CRANKS - VOLTAGE LESS THAN 9 VOLTS:**

Cranking at less than 9 volts will damage the starter. This condition must be corrected to prevent a repeat failure. Check for weak battery, loose or corroded cables