

Subject: Troubleshooting Guide for 2-Inch Ammeter Gauges	Initial Release Date: 02/16/99	Revision Date:	Revision:
	Product Group: Heavy Duty Instrumentation		

1. Required Materials and Tools

You will need the following materials:

- An inexpensive volt-ohmmeter
- A new, nine-volt transistor radio battery (a weak one will produce unreliable results)
- A ten-ohm, 5-watt resistor
- Three jumper wires, about 12" long with clips on each end

2. Procedure

A. As a precaution, disconnect the negative battery terminal.

B. Remove the ammeter from the dash.

C. Disconnect the wires from the ammeter and label them for easy identification when reconnecting them later.

D. Connect the 9-volt battery to the resistor and ammeter as shown.

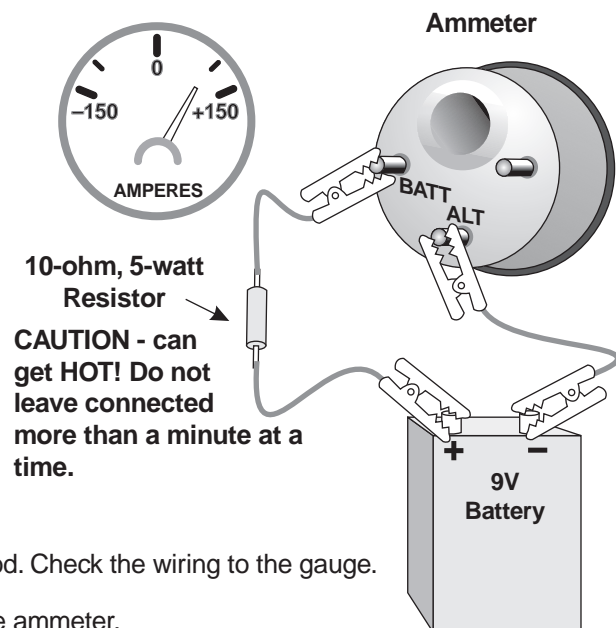
E. Observe the ammeter pointer. It should read about halfway between 0 and the + side, indicating a charge.

F. Reverse the connections to the ammeter.

G. The pointer should now read about halfway between 0 and the – side, indicating a discharge.

Readings are reasonably close: Ammeter is good. Check the wiring to the gauge.

Readings are *not* reasonably close: Replace the ammeter.



3. For Additional Support

Troubleshooting assistance is available from our Service Department Monday through Thursday from 7 a.m. to 5:30 p.m. MT, and Friday from 7 a.m. to 3:30 p.m. MT, at (970) 244-1243 or (970) 244-1259. You may also leave a detailed message at service@ametekdixson.com.