

Operation

An ammeter indicates the current flow through the battery charging system. A “center zero” ammeter, during charging, shows a (+) positive reading indicating current flowing to the battery (charge). A (-) negative reading indicates current flowing away from the battery (discharge). See Appendix I for gauge dimensions. Instrument part numbers are located on a label attached to the outside of the case (i.e. AP0000A).

Troubleshooting

Symptom:

- A. Ammeter appears to “stick” during operation - slightly loosen nuts holding backclamp and check operation. If gauge now operates properly and is not loose in panel, gauge now should provide suitable service. If gauge continues to stick during operation -- replace gauge.
- B. Ammeter reads ‘backward’ - shows (charge) with the engine off with a load on the battery and (discharge) with the engine running. Ammeter installed incorrectly, reverse leads at the rear of the ammeter.
- C. Ammeter does not read “charge” or “discharge” - Ammeter is dead (open circuit). Check for bad connections in the charging circuit that may have caused a surge of current burning out the ammeter. Replace the ammeter.