

# TECHNICAL BULLETIN TB-12

- Terminal L** must receive voltage. This voltage is provided by the indicator lamp on most vehicles. Failure to have voltage at terminal L may cause:
  - No charge, indicator lamp off.
  - Charges OK, but indicator lamp is on.
  - Indicator lamp may come on when unit begins charging.
  - Will not charge unless engine is “revved” up.
- Terminal R** must have battery voltage. This voltage is supplied from the ignition switch and will be present when the key is in the “ON” position. Failure to have voltage at this terminal will cause:
  - No charge.
- The BAT terminal** must have battery voltage. This voltage is supplied directly from the battery and will be present whether the ignition switch is in the “ON” or “OFF” position. Failure to have voltage at this terminal will cause:
  - No charge, indicator lamp on.
  - Extremely high voltage at “BAT” terminal.
  - Possible damage to alternator diodes.

**Most alternator failures are caused by defective / discharged batteries, loose drive belts, corroded wires or bad connections within the compact plug (= plug which connects to the alternator).**

**Check for these conditions to prevent a recurring problem!**

