



LOAD RESISTOR TEST

The alternators are heavy-duty models designed to withstand the rigors of commercial use. One possible reason for repeated failure is an inoperable load resistor. To test the load resistor:

1. Unplug the AC power cord from the AC wall outlet.
2. Locate the load resistor mounted to the frame just under the staircase.
3. Disconnect one black wire from the resistor (refer to Wiring Diagram 3).
4. Set your multimeter for R x 1 or the lowest available resistance range. If you have an analog multimeter, touch the two leads together and adjust the meter for a zero reading.
5. Place one lead on Tab A and one lead on Tab 5 of the relay assembly circuit board (refer to Wiring Diagram 2). You should get a reading of approximately 1.0 ohm or less.
6. Replace the load resistor if the reading is out of range and retest the new load resistor.
7. Reconnect the AC power cord and reinstall the right side cover.