

hicle. This is ground circuit that is to be checked for opens.

(b) Turn off ignition switch and disconnect voltage regulator connector. Be sure terminals of connector have not spread open to cause an open or intermittent connection.

(c) **Do not start engine or distort terminals with voltmeter probe:** turn on ignition switch, check for battery voltage at the wiring harness terminal. Both blue and green leads should read battery voltage. Turn off ignition switch.

(d) If previous steps 1a through 1c tested satisfactory, then replace regulator and repeat test.

(2) If the voltage is above the limits shown on the chart, proceed as follows:

(a) Turn off the ignition switch and disconnect voltage regulator connector. Be sure terminals on the connector have not spread open.

(b) **Do not start engine or distort terminals with voltmeter probe:** turn on ignition switch, check for battery voltage at the wiring harness terminal. Both blue and green leads should read battery voltage. Turn off ignition switch.

(c) If previous steps 2a and 2b tested satisfactory, then replace regulator and repeat test.

(3) Remove the test voltmeter.

ELECTRONIC VOLTAGE REGULATOR TEST (With Tester Tool C-4133 and Adapter C-4341)

In order to test voltage regulators, Adapter C-4341 (Fig. 7), must be installed to tester C-4133 at its voltage regulator connector lead (Fig. 8). Once installed, it will not be necessary to remove it to test prior model year regulators.

This is made possible by putting a three way switch in adapter, which can be moved to select correct type of regulator being tested. To determine right position of switch, look at part number printed on face of regulator (Fig. 9) and set switch on adapter to same number. To test 1977 regulators (3874520) set the adapter switch in the middle position (3755850).

(1) Remove connector from Electronic Voltage Regulator on vehicle.

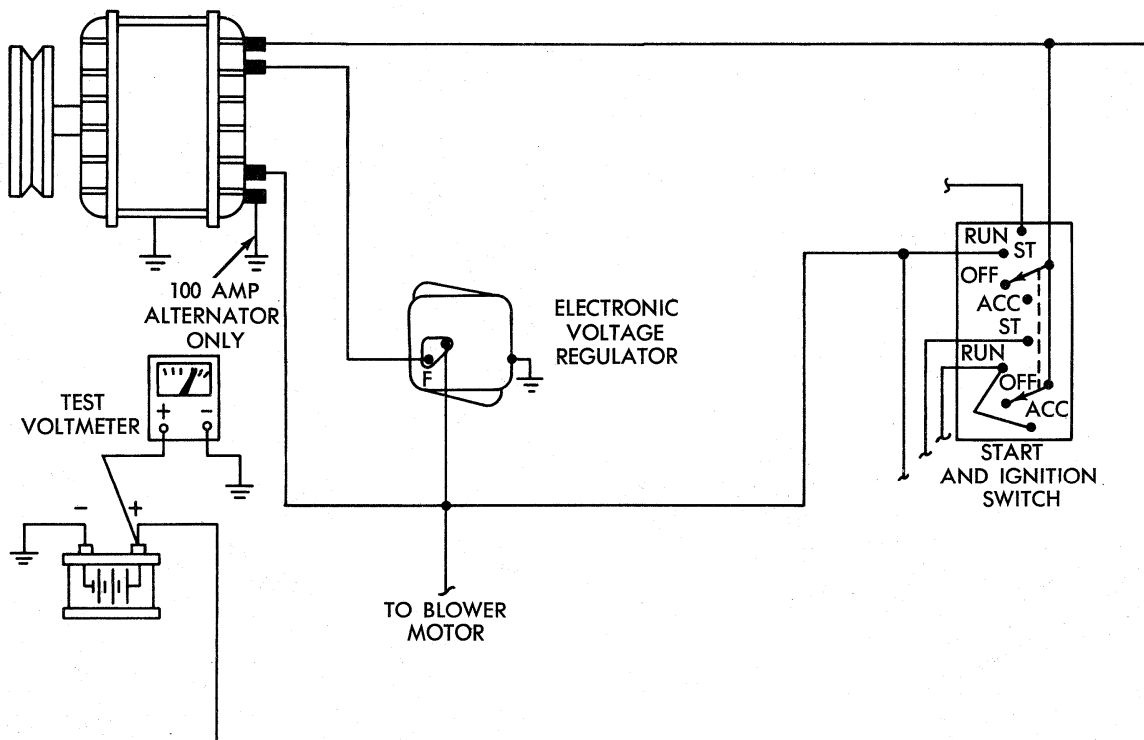
(2) Plug in power cord of Voltage Regulator Tester to 110 Volt A.C. 60 cycle source.

(3) Connect ground wire from voltage regulator tester to a good body ground near regulator, (A place free of paint).

(4) Plug connector of voltage regulator tester into voltage regulator on vehicle.

(5) Place knob on the tester to the regulator test position.

(6) Press the test button on the voltage regulator



H-N-R-W-X-S-P-D-C MODELS

Fig. 6—Voltage Regulator Test