

1955 DAKOTA DIGITAL DASH HARNESS WITH INTERNAL REGULATOR ALTERNATOR

This harness is designed to be used with an "S" series internal regulated alternator that must not exceed 74 amps. If an internal regulated alternator is not on the vehicle refer to the enclosed diagrams and instructions for installation.

Connections in the engine compartment - FIGURE 1

- 1. Disconnect the battery.
- 2. Remove the generator from the car and install the new alternator.
- 3. Remove the original voltage regulator from the car.
- 4. Plug the connector with the red and brown wires into the alternator. The connector is indexed so it can only be plugged in one way. Connect the 10 gauge red wire with the protective boot to the "BAT" lug on the alternator.
- 5. Connect the horn relay wires as per the diagram.
- 6. Hom, headlight and parking light connections remain as they were in original harness.
- 7. Refer to Dakota Digital instructions for all other engine compartment connections.

Connections to Dakota Digital dash control box Page 2

- 1. Refer to Dakota Digital instructions.
- 2. It is extremely important to follow DAKOTA DIGITAL installation instructions for the digital dash unit and controlbox. This is particularly important in relation to grounding. This system requires good grounding in order to function properly. This necessitates proper grounding of the body to the frame, the engine block to the frame and the battery to the body and frame. M&H ELECTRIC FABRICATORS, INC., will not be responsible for damage to the digital dash unit resulting from improper system and vehicle grounding or failure to comply with DAKOTA DIGITAL installation instructions.

Testing the installation

- 1. Reconnect the battery. Make sure that the battery is fully charged.
- 2. Start the the car. If the alternator is charging the circuit, the voltmeter should read between 13.6 14.6 volts.

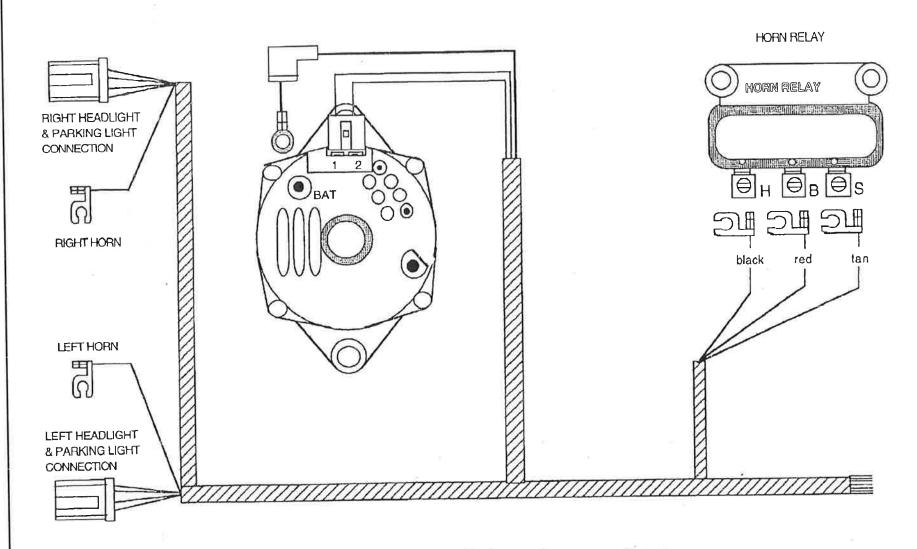


FIGURE 1 - Connections in the engine compartment

