AMERICAN MOTORS

All Models

DESCRIPTION

Electric door lock system uses two rocker switches to actuate motors. Either switch locks or unlocks both doors from inside car. Door locks operate with ignition switch in "ON" or "OFF" position. System is protected with a 25 amp circuit breaker mounted on the top right side of steering column.

TESTING

CIRCUIT BREAKER

Test circuit breaker for electrical feed using a test lamp or voltmeter. If no power, check from B-2 terminal of ignition switch to lead in. If lead has power, replace circuit breaker. If lead does not have power, trace for open circuit in feed wire.

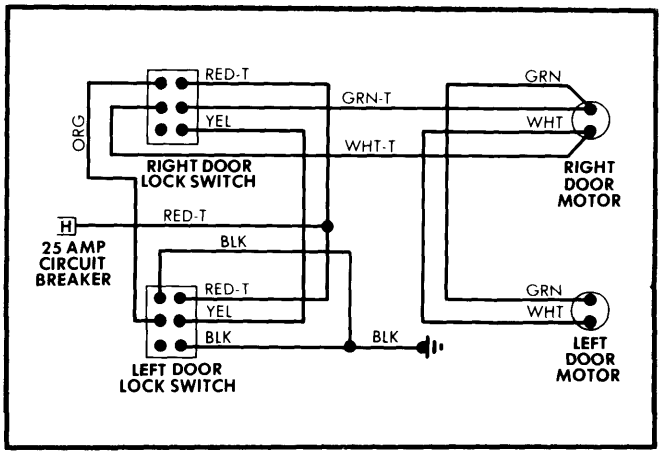

Fig. 1 AMC Door Lock Wiring Diagram

SWITCH TEST

Test door switches for continuity with a self-powered test lamp or ohmmeter. Check connections as indicated in *Fig. 2*.

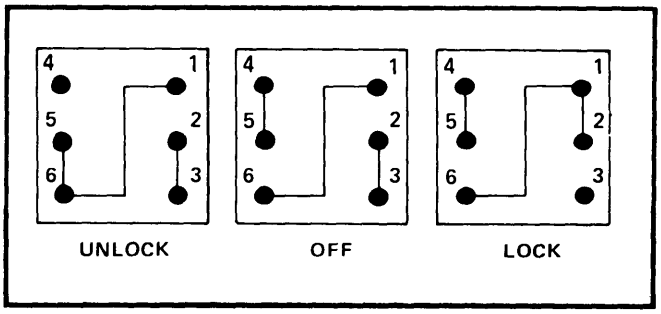

Fig. 2 AMC Door Switch Test Terminals

ACTUATOR MOTOR STALL TEST

Attach an ammeter to motor terminals and operate door switch. Replace motor if current draw exceeds 6 amps, or if actuator does not complete its travel in less than one second.

REMOVAL & INSTALLATION

DOOR LOCK CONTROL SWITCH

Removal – Disconnect battery negative cable. Remove bezel, switch housing and disconnect wiring. Depress retainer clips through holes in switch housing and remove switch.

Installation – To install, reverse removal procedure.

NOTE – *Hold retainer clips in position on switch and slide switch into housing until they click into position.*

ACTUATOR MOTOR

Removal – **1)** Disconnect battery cable and remove door trim panel.

2) Disconnect actuator rod from door lock.

3) Using a ¼" drill bit, remove rivets attaching motor to door panel, disconnect lead wires and remove motor.

Installation – To install, reverse removal procedure, replacing rivets removed with ¼-20 X ½" screws and lock nuts.