1971-74 CHRYSLER CORP.

DESCRIPTION

Power seats adjust in six different directions. Seat tilt is controlled by front and rear levers on control switch. Center lever on seat switch controls vertical and horizontal movement. Seat is powered by a three armature reversible motor coupled through cables to rack and pinion assemblies located in seat tracks. The electrical circuit is protected by a 30 Amp. circuit breaker located on relay bank under instrument panel.

ELECTRICAL TESTS

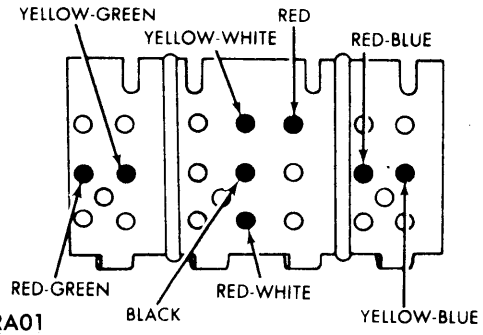
If power seat malfunctions, a quick check may be made to isolate failure as either electrical or mechanical. With all harnesses connected and dome light on, operate master switch for direction of seat failure. If dome light dims, the seat motor is probably satisfactory, and mechanical jamming is indicated. If dome light does not dim, proceed with electrical tests.

CIRCUIT BREAKER

With test lamp, check for voltage at power feed terminal. If lamp lights, feed wire is okay. Connect test lamp to circuit breaker output terminal, if lamp lights, circuit breaker is okay.

WIRING HARNESS, CIRCUIT BREAKER-TO-SWITCH

Disconnect wire harness connector under seat. Connect a test lamp between RED and BLACK wire in female connector. If test lamp lights, harness is okay (see illustration).



MASTER SWITCH CONNECTOR TEST POINTS

FRONT MOTOR

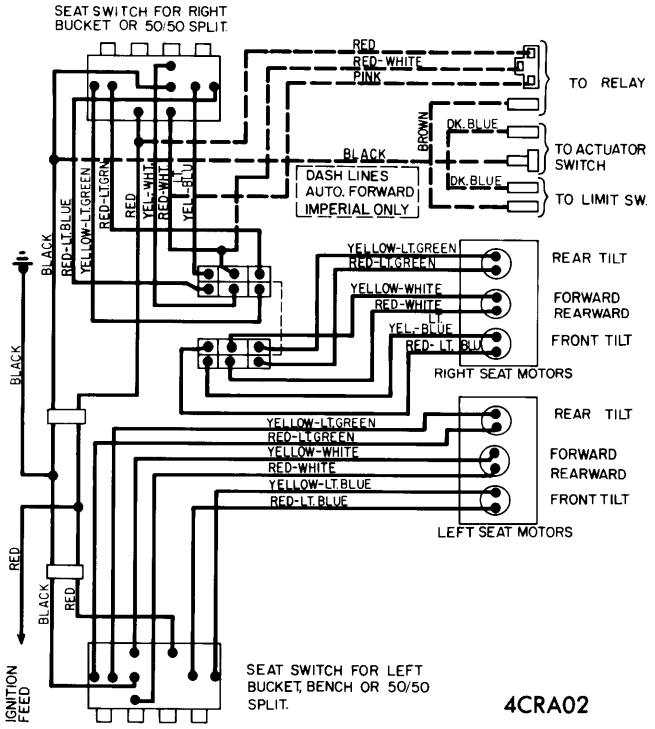
Connect a jumper lead between RED wire terminal in center section of connector and either the RED-GREEN or YELLOW-GREEN connection in front section (see illustration). Connect another jumper wire between black wire terminal in center section and open connection in front section. If motor does not operate, reverse jumpers in front section. If motor still does not operate, either harness or complete three motor assembly should be replaced.

CENTER MOTOR

Connect a jumper lead between RED wire terminal of center section of connector and either the RED-WHITE or YELLOW-WHITE terminal of center section. Connect another jumper between BLACK terminal and open terminal in center section (see illustration). If motor does not operate, reverse RED-WHITE and YELLOW-WHITE jumper connections. If motor still does not operate, either harness or three motor assembly should be replaced.

REAR MOTOR

Connect a jumper lead between RED wire terminal in center section of connector and either the RED-BLUE or YELLOW-BLUE in rear connector section. Connect another jumper between the BLACK wire terminal in center section and open connection in rear section. If motor does not operate, reverse jumpers in rear section. If motor still does not operate, either harness or three motor assembly should be replaced.



POWER SEAT WIRING DIAGRAM

CONTROL SWITCH

If motors and seat operate properly when switch is by-passed during electrical tests, the switch is defective and should be replaced.

COMPONENT REPLACEMENT

CAUTION — Whenever a motor, cable housing assembly, or vertical and horizontal transmission assembly require maintenance, the assemblies must be synchronized to ensure proper operation.

MOTOR

1) With battery disconnected, remove nuts holding seat assembly to floor pan from under vehicle. Tilt seat and disconnect wiring harness.

2) Lay seat on its back and remove bolt which holds motor to support. Remove mounting screws and carefully disconnect cable housings from motor assembly. To install, reverse removal procedure.

CABLE & HOUSING

It is recommended to remove motor assembly for ease of cable removal and installation. After motor removal, remove corbin clamp from cable housing, then slide cable and housing out of connector. To install, reverse removal procedure.