

CHRYSLER CORP. - SOLENOID ACTUATED

Chrysler Corp.

DESCRIPTION

The electric door lock system is solenoid actuated at each door and can be locked or unlocked electrically by operating either left or right front locking knobs. Side and rear doors, when electrically equipped can be actuated by operation of front locking knobs. All doors must be closed before locking. They can be locked or unlocked manually with key or electrically as described. The system combines a relay, circuit breaker, and "button" head terminals in door and post panels to combine all door wiring into 1 wiring harness. The relay and circuit breaker are mounted to steering column support bracket on underside of dash. All components are serviced as complete assemblies.

TROUBLE SHOOTING

DOOR LOCKS INOPERATIVE BOTH MANUALLY AND ELECTRICALLY

Using a 12-volt test lamp, check feed wire (Red) for current at circuit breaker. If light does not light, repair feed wire. If light comes on, check Light Green wire from circuit breaker to relay. If light does not come on, check for open or short between circuit breaker and relay and repair as required. If light comes on, check wires at relay for proper operation while operating door lock manually.

DOORS WILL UNLOCK BUT NOT LOCK

With test lamp grounded, check Light Blue wire at relay. Operate lock, if light does not come on, check wire for open or short. If light comes on, replace relay.

DOORS WILL LOCK BUT NOT UNLOCK

Use same procedure as above, checking Orange wire.

DOOR LOCKS OPERATE EXCEPT FOR ONE DOOR

Check for broken feed wire, loose connection, or short in circuit. Check "button" head terminals in door and post panels for contact. If all leads check to solenoid, replace solenoid.

SOLENOID OPERATION AND ADJUSTMENT

To determine if solenoid is faulty, check each door for electrical lock and unlock. Disconnect the solenoid connectors one at a time, while operating door lock switch. If none of the solenoids operate, a shorted solenoid or relay may be the problem. Disconnecting solenoid will allow others to operate unless relay is inoperative. To adjust, loosen solenoid attaching screws, press down on lock knob and at same time push up on solenoid until plunger bottoms out in solenoid. Tighten solenoid screws and test for correct operation.

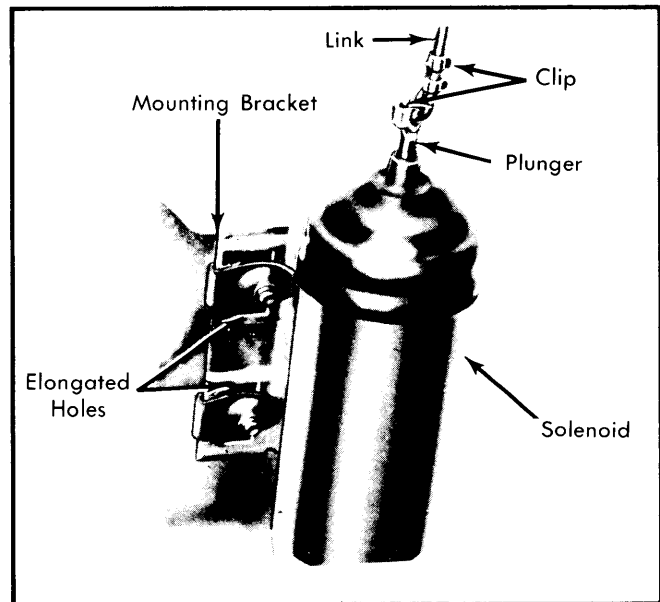


Fig. 1 Electric Door Lock Solenoid

REMOVAL & INSTALLATION

DOOR LOCK SOLENOID

- 1) Raise glass to "UP" position and remove door trim panel and access panel.
- 2) Disconnect wiring harness, and lock link from solenoid.
- 3) Remove mounting screws and lift solenoid out through access hole.
- 4) To install, reverse removal procedure.

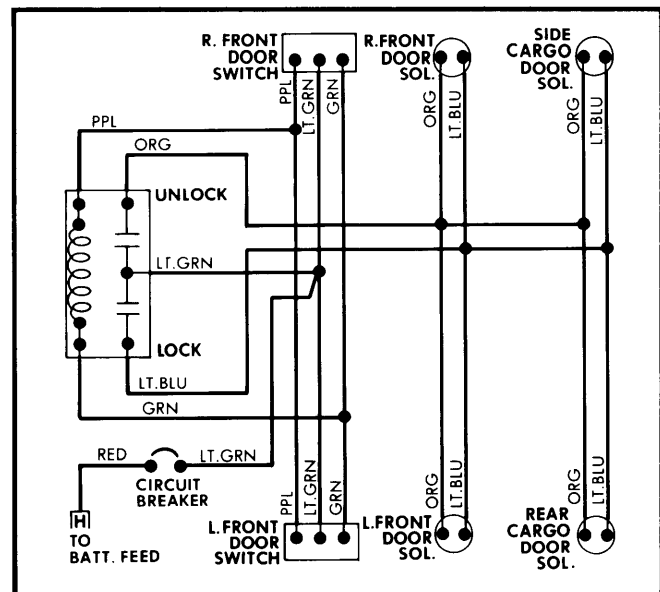


Fig. 2 Chrysler Corp. Light Truck Power Door Lock Wiring Diagram