Door & Tailgate Locks

CHRYSLER CORP.

DESCRIPTION

The power door lock system includes a pair of door lock relays, two control switches, a solenoid for each door lock, and several wiring harnesses. Power is supplied through a 30 amp circuit breaker in the fuse panel. On Cordoba and Mirada models, the control switches are rocker-type, mounted on the front armrests. On all other models, the control switches are inside the door, and actuated by the door lock knobs. The trunk release system includes a release button and solenoid.

OPERATION

All doors are locked by moving either of the front door locking knobs or switches. The rear doors can also be locked and unlocked manually by using the lock knobs. The left front door can be opened from the inside when it is locked; all others cannot be opened when the system is locked. The trunk or rear hatch is released by pressing the release button located in the glove box or on the dash panel. The ignition must be in the "ON" or "ACC" position for the trunk release to operate.

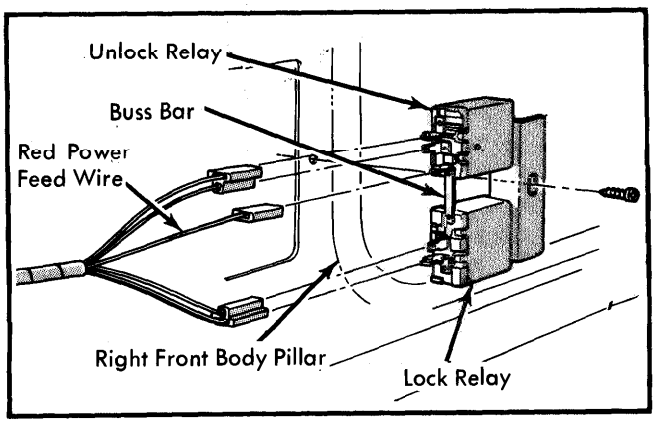

Fig. 1 Door Lock Relays

TESTING

DOOR LOCK SYSTEM

1) Be sure battery is fully charged and solenoids adjusted. Remove right side kick panel to expose lock relays. Connect positive lead of voltmeter to buss bar and negative lead to a good ground.

2) With no load, voltage at buss bar should be 12.5 volts. With locks activated, reading should drop to 11 volts. If voltage is not present, check circuit breaker power feed and output sides.

3) Check each solenoid by disconnecting the others and operating both door switches. Repeat for each door solenoid. Replace solenoids or relays as necessary.

TRUNK LID LOCK RELEASE

1) Be sure battery is fully charged and ignition is in "ON" or "ACC" position. Trunk should unlock when release button is pressed. If not, open trunk and separate connector at solenoid.

2) Connect a voltmeter between solenoid connector and ground. With button pressed, at least 10 volts must be present. If not, check power feed and wiring. If voltage is present, check solenoid ground connection.

3) With solenoid removed, check plunger spring and plunger for free movement of at least $\frac{5}{8}$". Reinstall solenoid and adjust for best operation.

ADJUSTMENT

DOORS

Loosen solenoid mounting screws and slide solenoid to full down position. Extend solenoid link until latch is in locked position. Tighten solenoid mounting screws and test operation of lock.

TRUNK LID

Latch and striker must be correctly adjusted before adjusting solenoid. When adjusting latch, use caution not to create too much tension on latch, or solenoid will be unable to release latch. To adjust solenoid, loosen solenoid mounting screws and move solenoid toward or away from latch assembly to adjust.

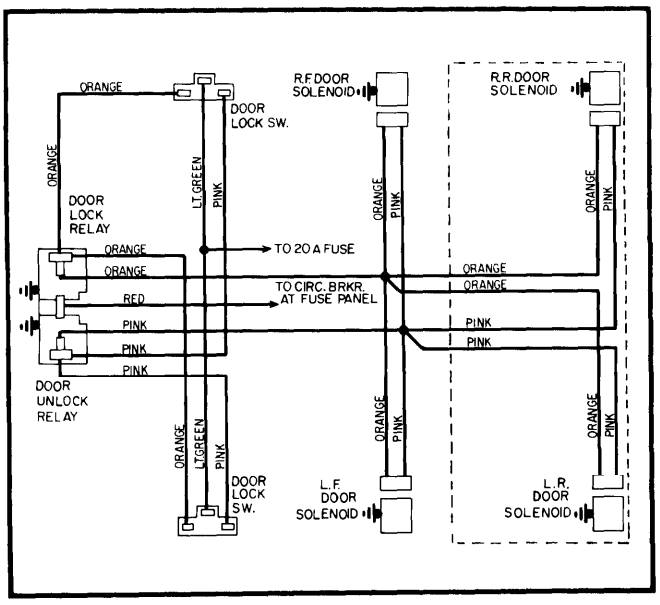

Fig. 2 Chrysler Power Door Lock Wiring Diagram