

# DOOR LOCKS - POWER

1993 Mitsubishi Montero

1993 ACCESSORIES & EQUIPMENT  
Mitsubishi Power Door Locks

Montero

## DESCRIPTION & OPERATION

On Montero, power door lock actuator receives signal from individual control relay that is operated by a switch incorporated in actuator. All door locks are actuated with the operation of one lock.

## TROUBLE SHOOTING

### POWER DOOR LOCK INOPERATIVE

Operate door lock(s) with ignition switch in OFF position. If door lock(s) do not operate, check for following possible causes:

- \* Burned fuse, circuit breaker or fusible link caused by short to body ground.
- \* Wire connector or pin inside connector disengaged at any connector or component in system.
- \* Defective door lock switch, relay or actuator.
- \* Subfreezing weather conditions, mechanical failure or corroded or misaligned assemblies.

## TESTING

### DOOR LOCK ACTUATOR

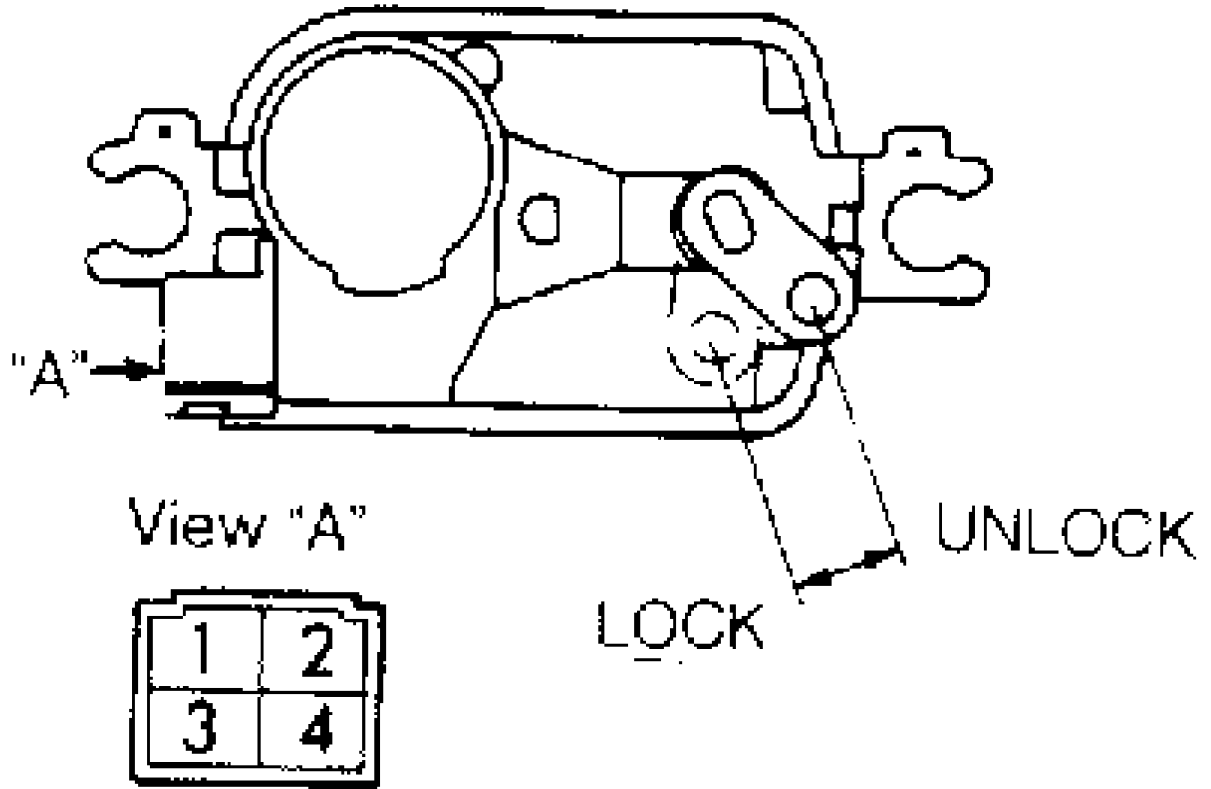
1) Access left front or right rear door lock actuator. See DOOR LOCK ACTUATOR under REMOVAL & INSTALLATION. Disconnect harness connector. Set actuator to LOCK position. Connect positive lead of 12-volt power source to terminal No. 1 of actuator. See Fig. 1. Actuator should operate to UNLOCK position when terminal No. 3 is connected to negative lead.

2) With actuator set to UNLOCK position, connect positive lead of 12-volt power source to terminal No. 3 of actuator. See Fig. 1. Actuator should operate to LOCK position when terminal No. 1 is connected to negative lead.

3) Access right front or left rear door lock actuator. See DOOR LOCK ACTUATOR under REMOVAL & INSTALLATION. Disconnect harness connector. Set actuator to LOCK position. Connect positive lead of 12-volt power source to terminal No. 3 of actuator. See Fig. 1. Actuator should operate to UNLOCK position when terminal No. 1 is connected to negative lead.

4) With actuator set to UNLOCK position, connect positive lead of 12-volt power source to terminal No. 1 of actuator. See Fig. 1. Actuator should operate to LOCK position when terminal No. 3 is connected to negative lead.

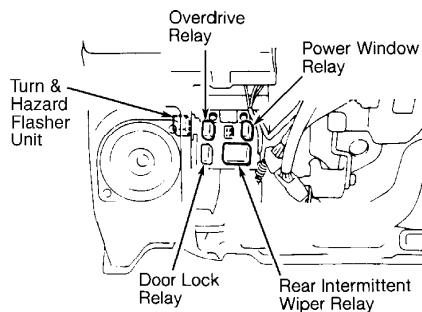
5) On left or right door lock actuator, there should be continuity between terminals No. 2 and 4 when actuator is in UNLOCK position. There should be no continuity in LOCK position. Replace actuator if it fails any preceding tests.



EXCEPT PICKUP & RAM-50

**93F83027**

Fig. 1: Identifying Actuator Connectors  
 Courtesy of Mitsubishi Motor Sales of America.



93F83126  
 Fig. 2: Locating Door Lock Relays  
 Courtesy of Mitsubishi Motor Sales of America.

REAR DOOR LOCK ACTUATOR

Access door lock actuator. See DOOR LOCK ACTUATOR under REMOVAL & INSTALLATION. Disconnect rear door release solenoid harness connector. Remove solenoid if needed. Connect positive lead of 12-volt power source to solenoid connector. Solenoid should operate when negative lead contacts solenoid housing. Replace solenoid as needed.

## **REMOVAL & INSTALLATION**

**CAUTION:** When battery is disconnected, vehicle computer and memory systems may lose memory data. Driveability problems may exist until computer systems have completed a relearn cycle.

### **DOOR LOCK ACTUATOR**

All Except Rear Door Or Hatch

Remove inner door panel. Remove delta cover (access to mirror mounting). Remove door light, switch panel and armrest. Remove mounting screws and slide panel up to remove. Remove waterproof film. Remove actuator. To install, reverse removal procedure.

Rear Door Or Hatch

Remove door pull handle. Remove window trim. Remove door release handle trim. Remove tool kit (if equipped). Remove door panel and waterproof film. Remove actuator solenoid. To install, reverse removal procedure.

## **WIRING DIAGRAMS**

See appropriate chassis wiring diagram in the WIRING DIAGRAMS section.