

ON-VEHICLE SERVICE

RECEIVER ASSEMBLY

Figure 2

↔ Remove or Disconnect

The remote control door lock receiver assembly (4) is mounted in a pocket on the right-hand hinge pillar.

1. Body hinge pillar trim bolts/screws.
2. Right-hand body hinge pillar trim panel.
3. Receiver assembly (4) from pocket on hinge pillar.
4. Electrical connector secondary lock retainers from electrical connectors.
5. Electrical connectors from receiver assembly (4).

→ Install or Connect

NOTICE: See "Notice" on page 9K-1 of this section.

1. Electrical connectors to receiver assembly (4).
 - Connector should snap into place.
 - Check for positive connection by tugging on connector, not wire.
2. Electrical connector secondary lock retainers to electrical connectors.
3. Receiver assembly (4) to pocket on hinge pillar.
4. Right-hand body hinge pillar trim panel.
5. Body hinge pillar trim bolts/screws.

⌚ Tighten

- Body hinge pillar trim bolts/screws to 1.3 N•m (12 lb. in.).
6. If programming the system is necessary, refer to "Programming Receiver Assembly" in this section.

Programming Receiver Assembly

1. Ground receiver program input line by connecting fused jumper wire between terminal "G" on top far right and terminal "A" on bottom far left of DLC (data link connector).
 - Door lock assemblies and lift window lock system will cycle indicating receiver assembly is in program mode.
2. Press any button (only once) on transmitter assembly.
 - A. Door lock assemblies and lift window lock system will cycle once confirming that transmitter code is programmed.

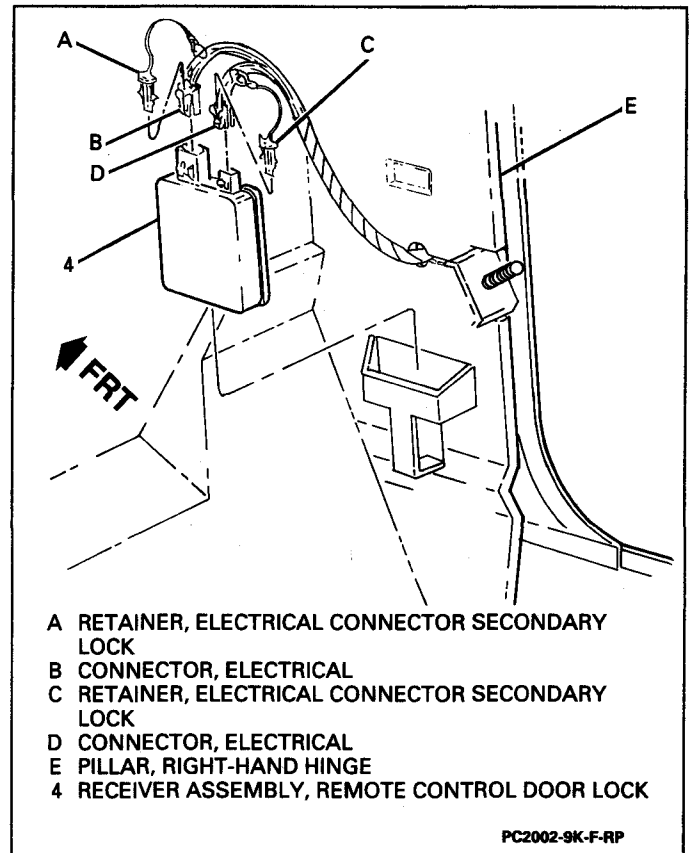


Figure 2 – Remote Control Door Lock Receiver Assembly

- B. Any transmitter code that was previously programmed has been erased.
 - C. Receiver assembly is now programmed to transmitter assembly.
3. If programming a receiver assembly to match a second transmitter assembly, press any button (only once) on second transmitter assembly. This must be done before fused jumper wire is disconnected. When programming receiver assembly to match transmitter assemblies, first transmitter code matched will be stored in both receiver memories unless second transmitter assembly is matched at the same time.
 - Door lock assemblies and lift window lock system will cycle once confirming that second transmitter code is programmed.
 4. Disconnect fused jumper wire from DLC.
 - System will not operate if ground connection is not removed.
 5. Verify operation of each transmitter assembly.

SPECIFICATIONS

FASTENER TIGHTENING SPECIFICATIONS

Body Hinge Pillar Trim Bolt/Screw 1.3 N•m (12 lb. in.)

ELECTRICAL DIAGNOSIS: AU0**Power Door Locks**

The Door Lock Actuators always receive ground through the Power Door Lock Switches from G200. Battery voltage is applied to the actuators either from the "PWR ACCY" Fuse 7 when the Power Door Lock Switches are used (for the specific amount of time allowed before the Power Door Lock Switches are disabled, refer to "Retained Accessory Power," page 8A-15-0), or from the "Courtesy" Fuse 8 when the Keyless Entry Receiver sees a request from the Transmitter.

PROGRAMMING THE KEYLESS ENTRY RECEIVER

The Keyless Entry Receiver is capable of accepting Vehicle Access Code (VAC) programming from any two random Transmitters. One or two Transmitters can be programmed. When two Transmitters are programmed, they must be programmed during the same program sequence, one after the other but not simultaneously. The Transmitter is manufactured with a permanent VAC combination (one of over 4 billion combinations) that cannot be changed for the life of the Transmitter. The Receiver can only be programmed by the Transmitter when it is powered at the Battery input at connector C2 terminal "F" and the program input line is grounded to connector C1 terminal "A".

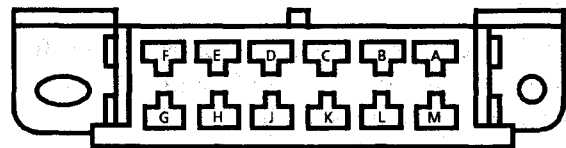
Programming Procedure

1. Ground the program input line by connecting a fused jumper at Data Link Connector (DLC) from terminal "G" to terminal "A". The Receiver will cycle the Door Lock Actuators within one to three seconds to acknowledge that the Receiver is in the "PROGRAM" mode.
2. Press any button on the Transmitter once. In response, the Receiver will cycle the Door Lock Actuators to acknowledge that a transmission has been received.

3. Press any button of the second Transmitter once. In response, the Receiver will cycle the Door Lock Actuators to acknowledge that a transmission has been received.
4. Remove the fused jumper from the DLC and verify system operation using all three transmitter buttons.

**Important:**

- Always program both Transmitters when replacing a lost or damaged Transmitter. The first Transmitter Code programmed will always be in both memories until a second Transmitter is programmed within the same sequence.
- The Keyless Entry System will not be operational if the program input line is left grounded.
- Program only one vehicle Keyless Entry System at a time. If multiple vehicles are being programmed in close proximity simultaneously, it is possible that the same Transmitter could be trained to more than one Receiver.

**12020043****12-WAY F METRI-PACK 280 SERIES
BLK****DATA LINK CONNECTOR (DLC)**