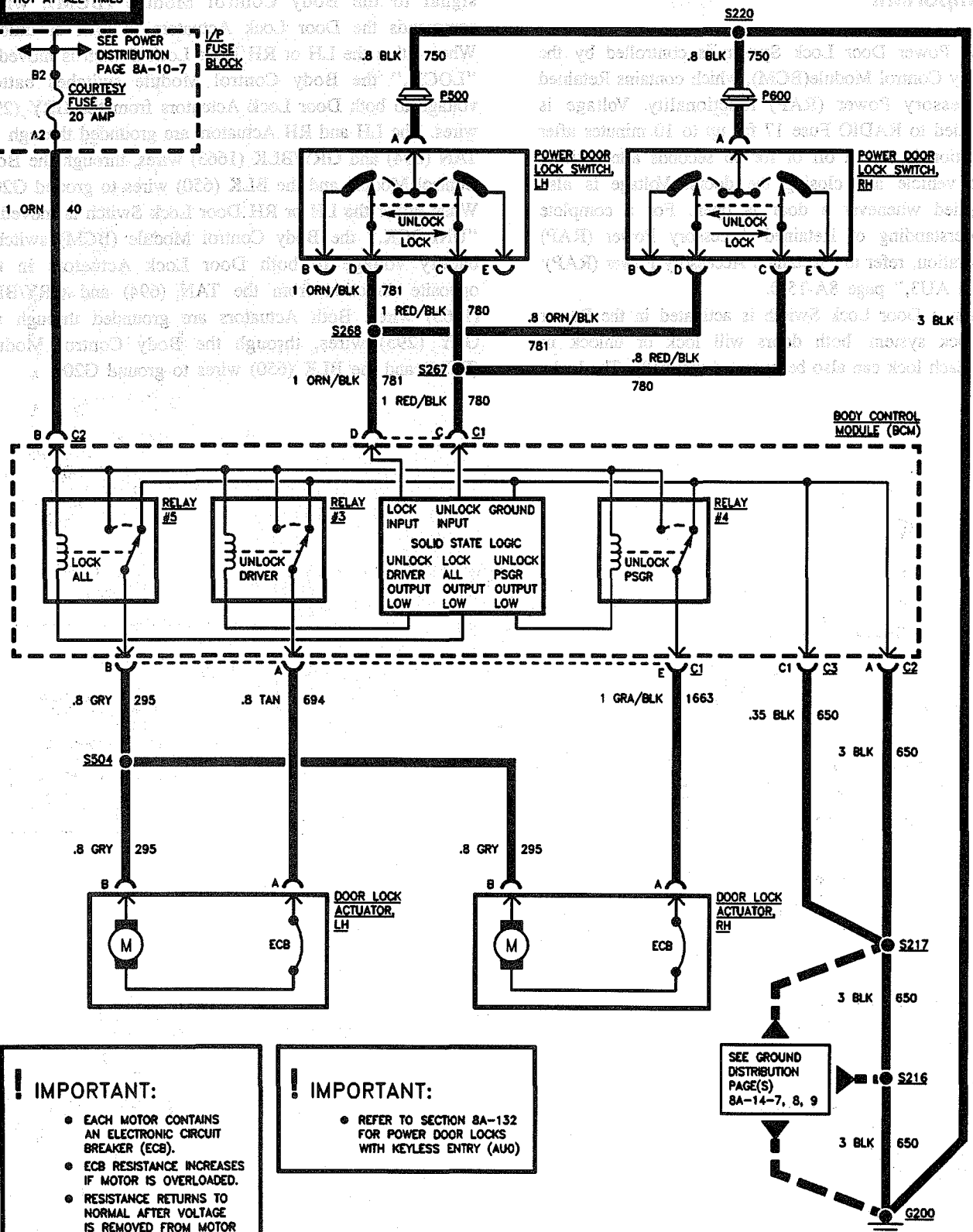


REMOTE KEYLESS ENTRY

**HOT AT ALL TIMES**

SEE POWER DISTRIBUTION PAGE BA-10-7  
COURTESY FUSE #8 20 AMP  
I/P FUSE BLOCK



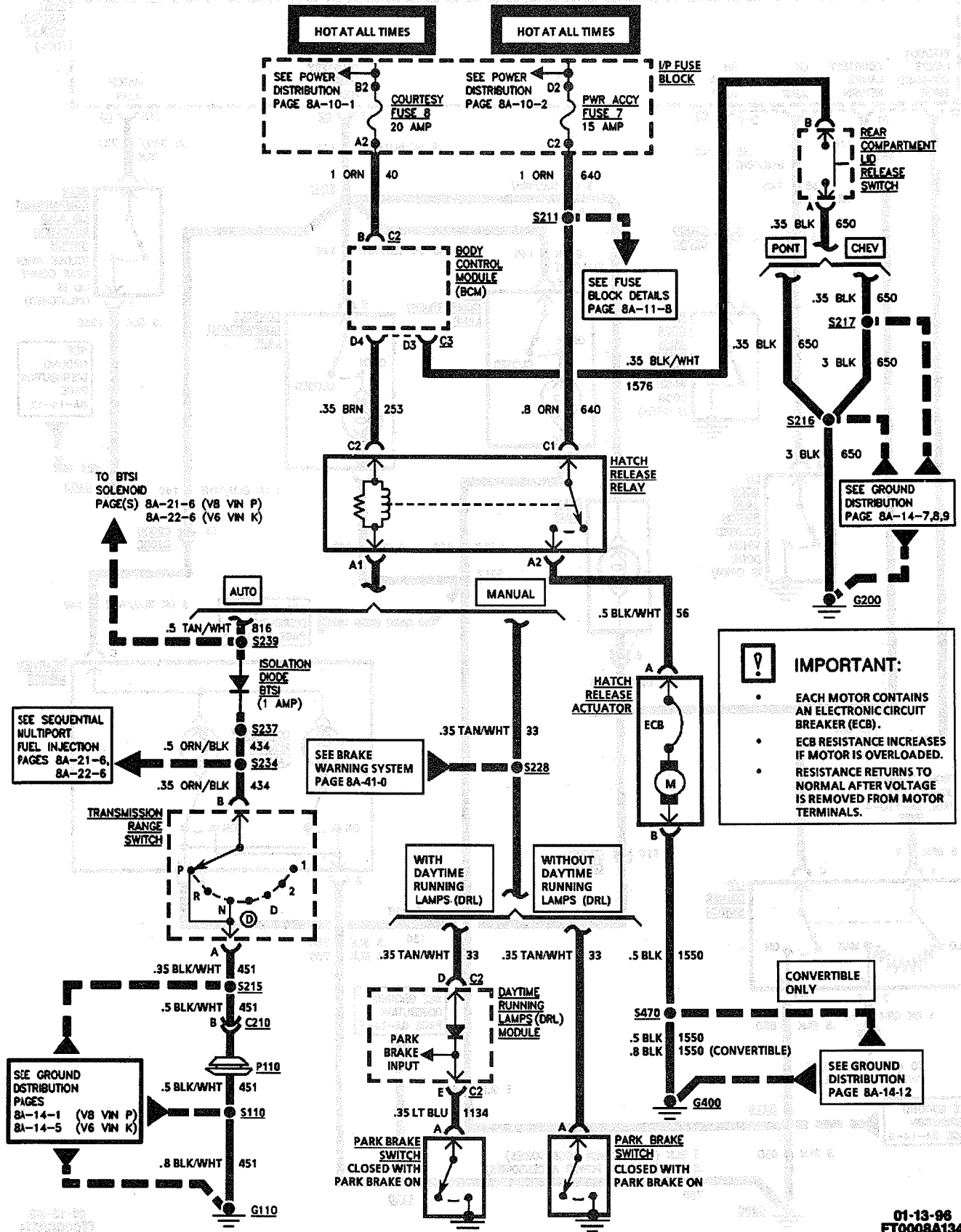
**! IMPORTANT:**

- EACH MOTOR CONTAINS AN ELECTRONIC CIRCUIT BREAKER (ECB).
- ECB RESISTANCE INCREASES IF MOTOR IS OVERLOADED.
- RESISTANCE RETURNS TO NORMAL AFTER VOLTAGE IS REMOVED FROM MOTOR TERMINALS.

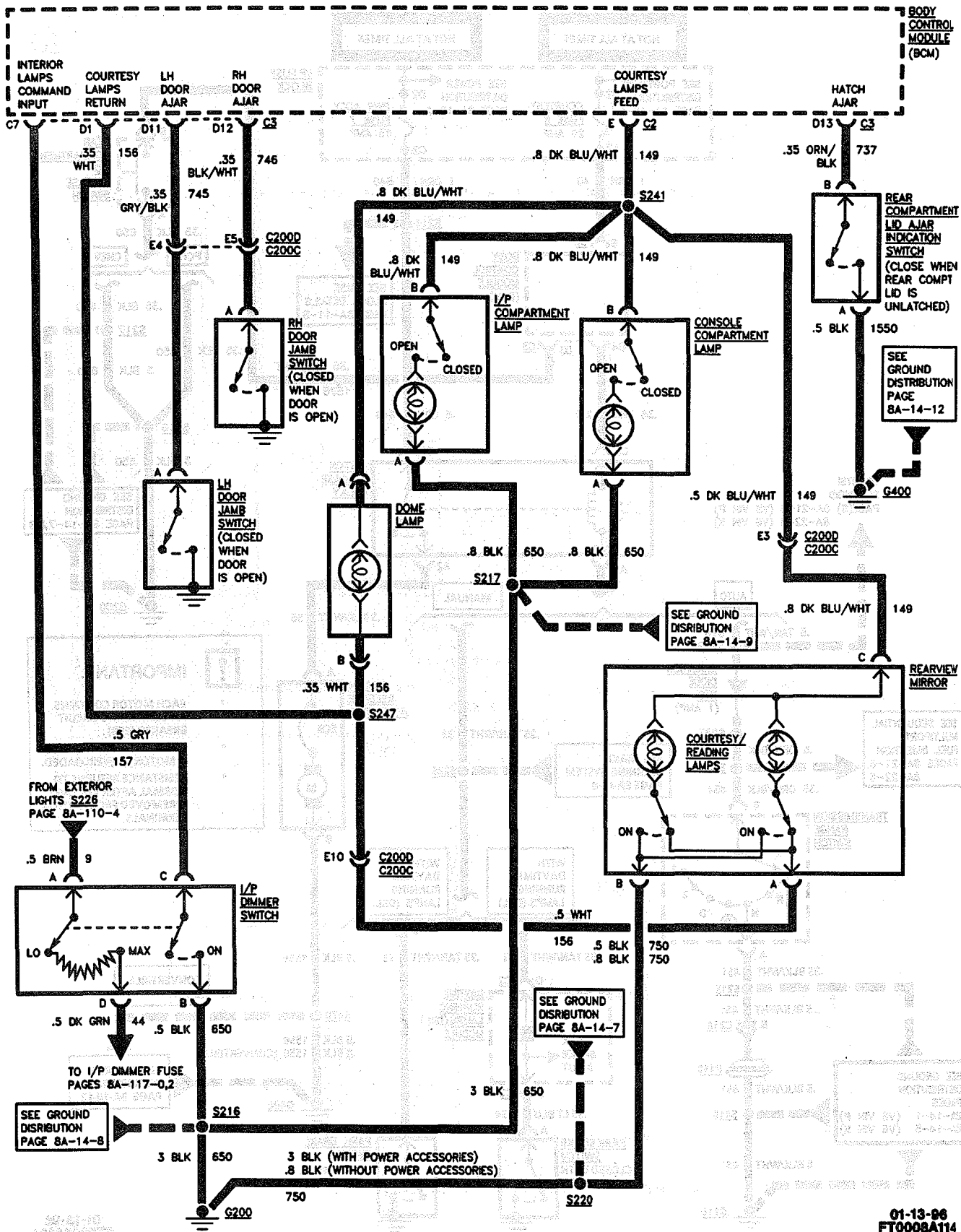
**! IMPORTANT:**

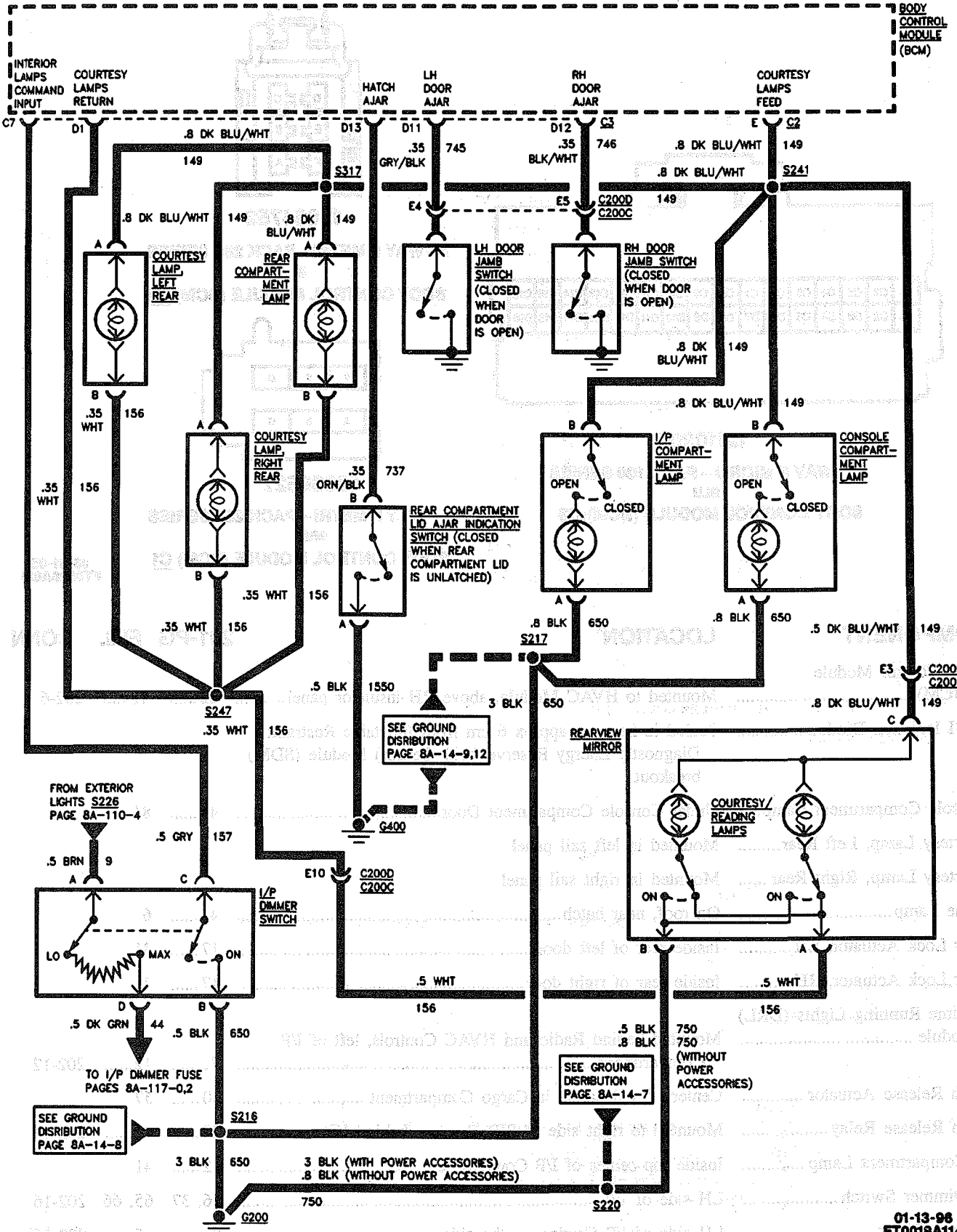
- REFER TO SECTION 8A-132 FOR POWER DOOR LOCKS WITH KEYLESS ENTRY (AUO)

SEE GROUND DISTRIBUTION PAGE(S) 8A-14-7, 8, 9

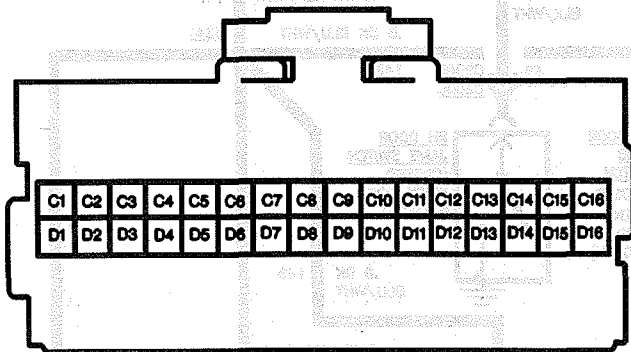


REMOTE KEYLESS ENTRY

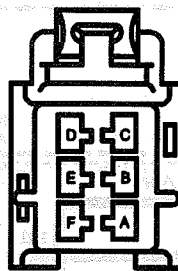




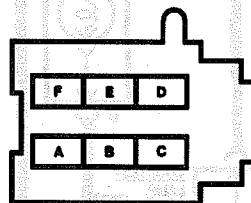
REMOTE KEYLESS ENTRY



**12110207**  
**32-WAY F MICRO-PACK 100 SERIES**  
 BLU  
**BODY CONTROL MODULE (BCM) C3**



**12064752**  
**6-WAY F METRI-PACK 280 SERIES**  
 BLK  
**BODY CONTROL MODULE (BCM) C2**



**12089527**  
**6-WAY F METRI-PACK 280 SERIES**  
 GRN  
**BODY CONTROL MODULE (BCM) C1**

03-31-95  
 FT0028A051

| COMPONENT                           | LOCATION                                                                                                               | 201-PG | FIG.   | CONN   |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------|--------|--------|--------|
| Body Control Module (BCM)           | Mounted to HVAC Module, above RH insulator panel                                                                       | 22     | 41     | 202-6  |
| BTSI Isolation Diode                | Sealed in harness, approx 6 cm from Inflatable Restraint Diagnostic Energy Reserve (with Sensor) Module (SDM) breakout |        |        |        |
| Console Compartment Lamp            | Under Console Compartment Door                                                                                         | 41     | 81     |        |
| Courtesy Lamp, Left Rear            | Mounted in left sail panel                                                                                             |        |        |        |
| Courtesy Lamp, Right Rear           | Mounted in right sail panel                                                                                            |        |        |        |
| Dome Lamp                           | On roof, near hatch                                                                                                    | 4      | 6      |        |
| Door Lock Actuator, LH              | Inside rear of left door                                                                                               | 17     | 31     |        |
| Door Lock Actuator, RH              | Inside rear of right door                                                                                              | 17     | 31     |        |
| Daytime Running Lights (DRL) Module | Mounted behind Radio and HVAC Controls, left of I/P Compartment                                                        | 7      | 12     | 202-12 |
| Hatch Release Actuator              | Center of end panel, in Cargo Compartment                                                                              | 30     | 57     |        |
| Hatch Release Relay                 | Mounted to right side of SIR Bracket, behind I/P                                                                       | 22     | 41     | 202-14 |
| I/P Compartment Lamp                | Inside top center of I/P Compartment                                                                                   | 22     | 41     |        |
| I/P Dimmer Switch                   | LH side of I/P                                                                                                         | 36, 37 | 65, 66 | 202-16 |
| I/P Fuse Block                      | LH side of I/P Carrier, on the side                                                                                    | 8      | 15     | 202-16 |
| Park Brake Switch                   | In console, at base of Park Brake Lever                                                                                | 22, 41 | 42, 81 |        |

| COMPONENT                                               | LOCATION                                                                                | 201-PG | FIG. | CONN   |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------|--------|------|--------|
| Power Door Lock Switch,<br>LH.....                      | Mounted in left door armrest.....                                                       | 18     | 33   | 202-17 |
| Power Door Lock Switch,<br>RH.....                      | Mounted in right door armrest.....                                                      | 18     | 33   | 202-17 |
| Rear Compartment Lamp.....                              | Center of rear compartment below Hatch Release Actuator....                             | 30     | 58   |        |
| Rear Compartment Lid Release<br>Switch (Chevrolet)..... | Behind I/P Compartment Door.....                                                        | 31     | 62   |        |
| Rear Compartment Lid Release<br>Switch (Pontiac).....   | Left of Steering Column, in knee bolster.....                                           | 36     | 67   |        |
| Transmission Range Switch.....                          | Under Console, on base of shift control lever.....                                      | 22     | 42   | 202-11 |
| C200C (13 cavities).....                                | Cross Car to I/P Harn, between LH kick panel and Steering<br>Column.....                | 25     | 49   | 202-3  |
| C200D (48 cavities).....                                | Part of I/P Harn, between LH kick panel and Steering<br>Column.....                     | 25     | 49   | 202-3  |
| C210 (4 cavities).....                                  | I/P to Engine Harn, under RH side of I/P, behind RH kick<br>panel.....                  | 20     | 37   | 202-11 |
| G110 (V6 VIN K).....                                    | RH front of Engine, bolted to pulley just above A/C Clutch<br>Compressor Connector..... | 13     | 24   |        |
| G110 (V8 VIN P).....                                    | Lower RH side of Engine Block, just above Starter Motor....                             | 38     | 72   |        |
| G200.....                                               | Near base of LH "A" pillar, bolted to I/P Mounting Stud<br>behind kick panel.....       | 9      | 16   |        |
| G400.....                                               | Bolted to Hatch Release Bracket in Rear Compartment.....                                | 30     | 57   |        |
| P500.....                                               | Between LH door and "A" pillar.....                                                     | 17     | 31   |        |
| P600.....                                               | Between RH door and "A" pillar.....                                                     | 44     | 83   |        |
| S110 (V6 VIN K).....                                    | Engine Harn, approx 15 cm from main branch and PCM<br>breakout.....                     |        |      |        |
| S110 (V8 VIN P).....                                    | Engine Harn, approx 4 cm from PCM breakout.....                                         |        |      |        |
| S211.....                                               | I/P Harn, main branch approx 11 cm from Data Link Conn<br>(DLC) breakout.....           |        |      |        |
| S216 (Chevrolet).....                                   | I/P Harn, main branch approx 5 cm from Rear Window<br>Defog Switch breakout.....        |        |      |        |
| S216 (Pontiac).....                                     | I/P Harn, main branch approx 5 cm from Instrument Cluster<br>breakout.....              |        |      |        |
| S217.....                                               | I/P Harn, main branch approx 18 cm from Body Control<br>Module (BCM) breakout.....      |        |      |        |
| S220.....                                               | Cross Car Harn, main branch approx 22 cm from Rearview<br>Mirror breakout.....          |        |      |        |
| S228.....                                               | I/P Harn, main branch approx 24 cm from Headlamp<br>Switch breakout.....                |        |      |        |
| S234 (Automatic).....                                   | I/P Harn, main branch approx 16 cm from Theft Deterrent<br>Relay breakout.....          |        |      |        |
| S237.....                                               | I/P Harn, main branch approx 6 cm from Body Control<br>Module (BCM) breakout.....       |        |      |        |

REMOTE KEYLESS ENTRY

| COMPONENT   | LOCATION                                                                         | 201-PG FIG. CONN |
|-------------|----------------------------------------------------------------------------------|------------------|
| S239        | I/P Harn, main branch approx 1 cm from Body Control Module (BCM) breakout        |                  |
| S241        | I/P Harn, main branch approx 4 cm from antenna cable breakout                    |                  |
| S247        | I/P Harn, approx 9 cm from Fuel Pump Relay breakout                              |                  |
| S267        | Cross Car Harn, main branch approx 24 cm from Rearview Mirror breakout           |                  |
| S268        | Cross Car Harn, main branch approx 7 cm from Rearview Mirror breakout            |                  |
| S317 (Conv) | I/P Harn, main branch approx 14 cm from C405 breakout                            |                  |
| S470 (Conv) | I/P Harn, approx 24 cm from Hatch Release Actuator                               |                  |
| S504        | Cross Car Harn, approx 11 cm from LH Power Mirror Remote Control Switch breakout |                  |

TROUBLESHOOTING HINTS

(Perform before beginning System Diagnosis)

1. Check Fuses 7 and 8 in I/P Fuse Block.
2. Check for a poor connection at G110, G200 and G400.
3. If the Remote Control Door Lock Remote Control Door Lock Transmitter fails to operate from a normal distance, up to 7 to 10 meters (22 to 33 ft.), check for two conditions: weak batteries in Remote Control Door Lock Remote Control Door Lock Transmitter (expected life approximately 2 years depending on use); or close proximity to a Radio Transmitter, such as a Radio Station Tower, airport Transmitter, and some mobile or CB Radios. If these conditions are not the problem, enter into BCM Diagnostic mode and determine the RF performance of the Remote Control Door Lock Transmitter and BCM Receiver by setting Remote Control Door Lock Transmitter DCTs. Refer to Section 8D, under "Remote Control Door Lock Transmitter DCTs."

4. Try a second Remote Control Door Lock Transmitter, if available. If the second Remote Control Door Lock Transmitter works, remove the Battery and install the Battery in the original Remote Control Door Lock Transmitter. Try the original Remote Control Door Lock Transmitter again. If the original Remote Control Door Lock Transmitter still does not work, it is defective.
  - Check for a broken (or partially broken) wire inside of the insulation which could cause system malfunction but prove "GOOD" in a continuity/voltage check with a system disconnected. These circuits may be intermittent or resistive when loaded, and if possible, should be checked by monitoring for a voltage drop with the system operational (under load).
  - Check for proper installation of aftermarket electronic equipment which may affect the integrity of other systems (see "Troubleshooting Procedures," page 8A-4-0).
  - Refer to System Diagnosis.

SYSTEM DIAGNOSIS

- Perform the System Check and refer to the Symptom Table for the appropriate diagnostic procedures.

## SYSTEM CHECK

| ACTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | NORMAL RESULTS                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>[1]</p> <ul style="list-style-type: none"> <li>Doors closed.</li> <li>Vehicle in Park (Automatic).</li> <li>Parking Brake applied (Manual).</li> <li>Cycle Ignition to "RUN," then back to "OFF."</li> </ul> <p><b>!</b> <b>Important:</b></p> <ul style="list-style-type: none"> <li>Because of the Retained Accessory Power (RAP) time out, Steps 1 through 4 must be done within 10 minutes after cycling Ignition and without opening doors.</li> </ul> <ul style="list-style-type: none"> <li>LH or RH Door Lock Switch to "LOCK."</li> </ul> | Doors lock.                                                                                                                                             |
| <p>[2]</p> <ul style="list-style-type: none"> <li>LH or RH Door Lock Switch to "UNLOCK."</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Doors unlock.                                                                                                                                           |
| <p>[3]</p> <ul style="list-style-type: none"> <li>Push Hatch Release Switch.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Hatch releases.                                                                                                                                         |
| <p>[4]</p> <ul style="list-style-type: none"> <li>Open door.</li> <li>LH or RH Door Lock Switch to "LOCK" (must be done within 35 seconds of opening door because of RAP).</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 | Doors lock.                                                                                                                                             |
| <p>[5]</p> <ul style="list-style-type: none"> <li>Exit vehicle, close door and hatch.</li> <li>Press Door Unlock Button on Remote Control Door Lock Transmitter.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                           | LH door unlocks and Interior Lights illuminate.                                                                                                         |
| <p>[6]</p> <ul style="list-style-type: none"> <li>Press Door Unlock Button a second time within 5 seconds of first press.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                  | RH door unlocks, Interior Lights will stay illuminated for approximately 40 seconds from first press of Unlock Button or until Ignition is turned "ON." |
| <p>[7]</p> <ul style="list-style-type: none"> <li>Wait for Interior Lights to go out.</li> <li>Press Door Lock Button on Remote Control Door Lock Transmitter.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                             | Doors lock and Interior Lights illuminate for approximately 2 seconds to acknowledge locking of doors.                                                  |
| <p>[8]</p> <ul style="list-style-type: none"> <li>Press Hatch Button on Remote Control Door Lock Transmitter.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                              | Hatch Releases and Interior Lights illuminate for approximately 40 seconds.                                                                             |

## REMOTE KEYLESS ENTRY

## SYMPTOM TABLE

| SYMPTOM                                                                                                                                                                                                                     | PROCEDURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PAGE NUMBER |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>GENERAL</b>                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |
| All functions of Remote Control Door Lock Transmitter are inoperative. Functions operate normally from switches.                                                                                                            | Chart #1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8A-132-10   |
| Body Control Module (BCM)/Remote Control Door Lock Transmitter will not program.                                                                                                                                            | <ul style="list-style-type: none"> <li>• Check BCM for DCTs 23/33.</li> <li>• Program known good Remote Control Door Lock Transmitter (see "Programming Body Control Module" in this section) and test the Remote Keyless Entry System.</li> <li>• If the Remote Keyless Entry System operates normally, the original Remote Control Door Lock Transmitter is defective.</li> <li>• If the BCM does not program using a known good Remote Control Door Lock Transmitter, service Body Control Module. Refer to Section 8D.</li> </ul> |             |
| All functions of Remote Control Door Lock Transmitter and Power Door Locks totally inoperative, Fuses 7 or 8 are not blown.                                                                                                 | Check for open in ground CKT 750 between S220 and G200, or poor connection at G200. If OK, service Body Control Module. Refer to Section 8D.                                                                                                                                                                                                                                                                                                                                                                                          |             |
| <b>POWER DOOR LOCKS</b>                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |
| Power Door Locks totally inoperative from both Power Door Lock Switches and from Remote Control Door Lock Transmitter. Remote Control Door Lock Transmitter operates Dome Lamp and Hatch Release normally.                  | Check CKT 295 for an open between S504 and Body Control Module connector C1 terminal "B", or for poor connection to BCM. If OK, service Body Control Module. Refer to Section 8D. (Verify Actuator operation before replacing BCM. Apply B+ and ground momentarily across disconnected connector C1 terminals "A" and "B", then "B" and "E".)                                                                                                                                                                                         |             |
| Power Door Locks inoperative from Remote Control Door Lock Transmitter only. Locks operate normally from Power Door Lock Switches (Hatch Release and Dome Lamp operate normally from Remote Control Door Lock Transmitter). | Program a known good Remote Control Door Lock Transmitter (see "Programming the Body Control Module" in this section) and test the Remote Keyless Entry System. If the Door Lock Actuators operate normally, the original Remote Control Door Lock Transmitter was defective. If the problem still exists, service Body Control Module. Refer to Section 8D.                                                                                                                                                                          |             |
| Power Door Locks totally inoperative from both Power Door Lock Switches. Locks operate normally from Remote Control Door Lock Transmitter.                                                                                  | Repair open in CKT 750 between S220 and G200.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |             |
| Power Door Locks operate from one Power Door Lock Switch only. Locks operate normally from Remote Control Door Lock Transmitter.                                                                                            | Check for open in CKT 750 between terminal "A" of suspect switch and S220, or for poor connection to switch. If OK, replace suspect switch.                                                                                                                                                                                                                                                                                                                                                                                           |             |
| Lock function inoperative from both Power Door Lock Switches and from Remote Control Door Lock Transmitter. Unlock function operates normally.                                                                              | Service Body Control Module. Refer to Section 8D.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |

REMOTE KEYLESS ENTRY

**SYMPTOM TABLE (Continued)**

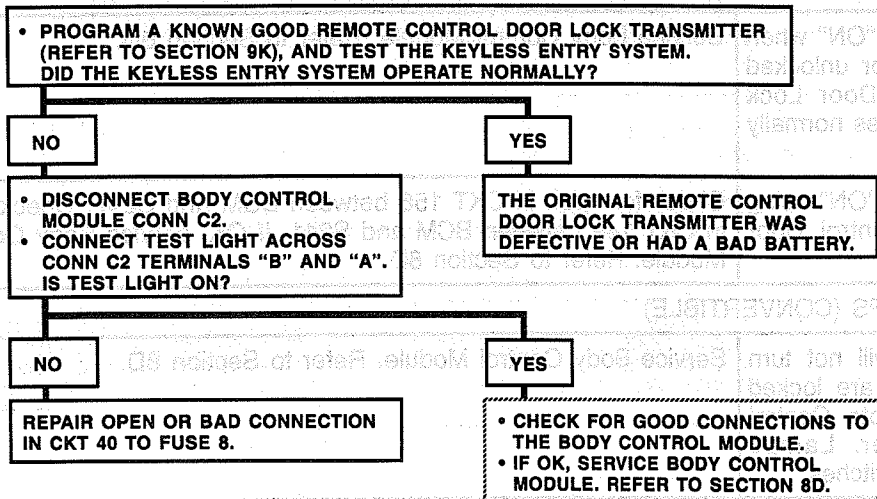
| SYMPTOM                                                                                                                                                                                           | PROCEDURE                                                                                                                                                   | PAGE NUMBER |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Unlock function inoperative from both Power Door Lock Switches and from Remote Control Door Lock Transmitter. Lock function operates normally.                                                    | Service Body Control Module. Refer to Section 8D.                                                                                                           |             |
| LH Door Lock Actuator inoperative from Remote Control Door Lock Transmitter and Door Lock Switches (RH Actuator OK).                                                                              | Chart #2                                                                                                                                                    | 8A-132-11   |
| LH Door Lock Actuator inoperative from Remote Control Door Lock Transmitter only. Operates normally from Lock Switches (RH Actuator operates normally from Remote Control Door Lock Transmitter). | Service Body Control Module. Refer to Section 8D.                                                                                                           |             |
| RH Door Lock Actuator inoperative from Remote Control Door Lock Transmitter and Door Lock Switches. (LH Actuator OK).                                                                             | Chart #3                                                                                                                                                    | 8A-132-11   |
| RH Door Lock Actuator inoperative from Remote Control Door Lock Transmitter only. Operates normally from Lock Switches (LH Actuator operates normally from Remote Control Door Lock Transmitter). | Service Body Control Module. Refer to Section 8D.                                                                                                           |             |
| <b>DOME LAMP (COUPE)</b>                                                                                                                                                                          |                                                                                                                                                             |             |
| Dome Lamp will not turn "ON" when Door Locks are locked or unlocked using Remote Control Door Lock Transmitter. Lamp operates normally from switches.                                             | Service Body Control Module. Refer to Section 8D.                                                                                                           |             |
| Dome Lamp will not turn "ON" using switches or Remote Control Door Lock Transmitter.                                                                                                              | Check for open in CKT 156 between BCM and S247. Check for an open in CKT 149 between BCM and S241. If OK, service Body Control Module. Refer to Section 8D. |             |
| <b>REAR COURTESY LAMPS (CONVERTIBLE)</b>                                                                                                                                                          |                                                                                                                                                             |             |
| Rear Courtesy Lamps will not turn "ON" when Door Locks are locked or unlocked using Remote Control Door Lock Transmitter. Lamps operate normally from switches.                                   | Service Body Control Module. Refer to Section 8D.                                                                                                           |             |
| Rear Courtesy Lamps will not turn "ON" using switches or Remote Control Door Lock Transmitter. Console Lamps operate normally.                                                                    | Repair open in CKT 149 between S241 and S317.                                                                                                               |             |

REMOTE KEYLESS ENTRY

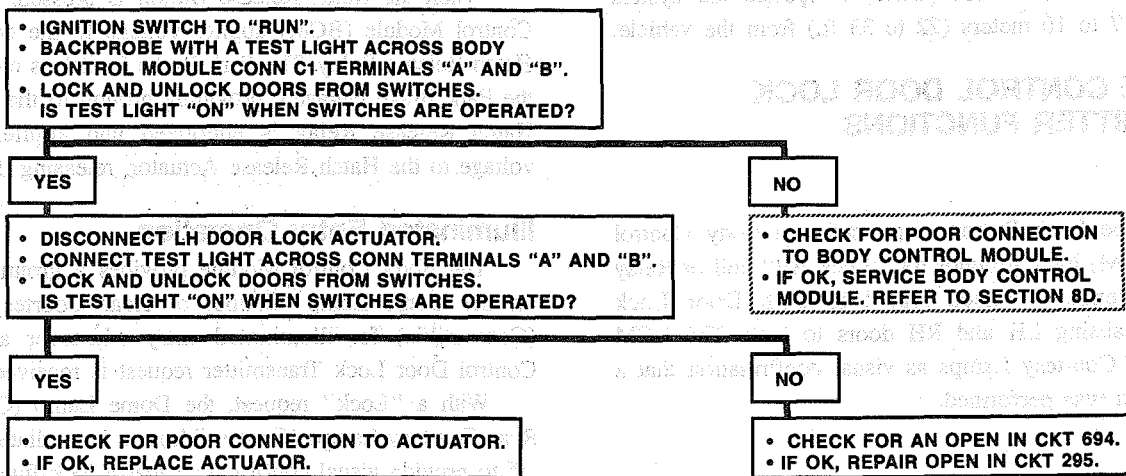
SYMPTOM TABLE (Continued)

| SYMPTOM                                                                                                                                                                                                    | PROCEDURE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PAGE NUMBER |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| HATCH ACTUATOR                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |
| Rear Compartment Lid Release Actuator operates from Remote Keyless Entry and does not operate from Rear Compartment Lid Release Switch.                                                                    | See "Hatch Release," page 8A-134-0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |
| Hatch Release Actuator inoperative from Remote Control Door Lock Transmitter. Hatch Release operates normally from Hatch Release Switch (all other Remote Control Door Lock Transmitter functions normal). | <ul style="list-style-type: none"> <li>• Program known good Remote Control Door Lock Transmitter (see "Programming Body Control Module" in this section) and test the Hatch Release function.</li> <li>• If the Hatch Release function operates normally, the original Remote Control Door Lock Transmitter is defective.</li> <li>• If the Hatch Release function does not operate using a known good Remote Control Door Lock Transmitter, service the Body Control Module. Refer to Section 8D.</li> </ul> |             |
| Hatch Release Actuator inoperative from Hatch Release Switch and from Remote Control Door Lock Transmitter.                                                                                                | See "Hatch Release," page 8A-134-0.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |             |

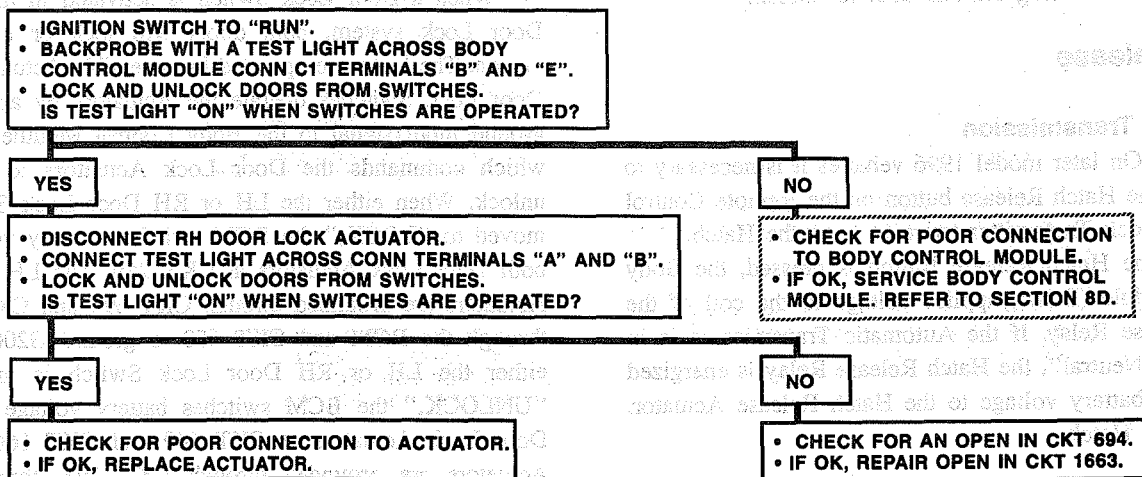
**CHART #1**  
**ALL FUNCTIONS OF REMOTE CONTROL DOOR LOCK TRANSMITTER ARE INOPERATIVE. FUNCTIONS OPERATE NORMALLY FROM SWITCHES.**



**CHART #2**  
**LH DOOR LOCK ACTUATOR INOPERATIVE FROM REMOTE CONTROL**  
**DOOR LOCK TRANSMITTER AND DOOR LOCK SWITCHES**  
**(RH ACTUATOR OK)**



**CHART #3**  
**RH DOOR LOCK ACTUATOR INOPERATIVE FROM REMOTE CONTROL**  
**DOOR LOCK TRANSMITTER AND DOOR LOCK SWITCHES**  
**(LH ACTUATOR OK)**



C7216

C7217

**REMOTE KEYLESS ENTRY****CIRCUIT OPERATION**

The Body Control Module (BCM) is designed with an internal antenna. The BCM picks up transmitted Radio frequencies from a hand held Remote Control Door Lock Transmitter with sufficient power to operate the system from up to 7 to 10 meters (22 to 33 ft.) from the vehicle.

**REMOTE CONTROL DOOR LOCK TRANSMITTER FUNCTIONS****Lock**

When the Lock Button is pressed, the Body Control Module (BCM) logic grounds the "Lock All" coil of Relay #5 which sends a pulsed signal to both Door Lock Actuators, causing LH and RH doors to lock. The BCM turns off all Courtesy Lamps as visual confirmation that a lock function was performed.

**Unlock**

When the Unlock Button is pressed once, the Body Control Module (BCM) logic grounds the "Unlock Driver" coil of Relay #3, which sends a pulsed signal to the LH Door Lock Actuator, causing the LH door to unlock. To provide illuminated entry, the BCM also grounds the Dome/Courtesy Lamps through CKT 156 for 40 seconds and then initiates the Theater Dimming function until it sees an Ignition "ON" input. When the Unlock Button is pressed twice, (the second must be within five seconds of the first) the BCM grounds the "Unlock Driver" coil of Relay #3, which sends a pulsed signal to the RH Door Lock Actuator, causing the RH door to unlock.

**Hatch Release****Automatic Transmission**

- Note - On later model 1996 vehicles it is necessary to press the Hatch Release button on the Remote Control Door Lock Transmitter twice to open the Hatch.

When the Hatch Release Button is pressed, the Body Control Module (BCM) applies voltage to the coil of the Hatch Release Relay. If the Automatic Transmission is in "Park" or "Neutral", the Hatch Release Relay is energized and applies battery voltage to the Hatch Release Actuator, releasing the Hatch.

**Manual Transmission**

- Note - On later model 1996 vehicles it is necessary to press the Hatch Release button on the Remote Control Door Lock Transmitter twice to open the Hatch.

When the Hatch Release Button is pressed, the Body Control Module (BCM) applies voltage to the coil of the Hatch Release Relay. The Park Brake Switch is closed with the Park Brake engaged, providing ground to the coil. The Hatch Release Relay is energized and applies battery voltage to the Hatch Release Actuator, releasing the Hatch.

**Illuminated Entry Operation**

The Body Control Module provides a ground to turn on the Dome Lamp (Coupe) or Rear Courtesy Lamps (Convertible) for illuminated entry whenever a Remote Control Door Lock Transmitter request is received.

With a "Lock" request, the Dome Lamp (Coupe) or Rear Courtesy Lamps (Convertible) are immediately turned off to provide visual confirmation that a lock function was performed.

With an "Unlock" or "Hatch Release" request, the Dome Lamp (Coupe) or Rear Courtesy Lamps (Convertible) are turned on for 40 seconds to provide illuminated entry and hatch area illumination.

The illuminated entry time cannot be extended by pressing the Lock, Unlock or Hatch Release Buttons until it has timed out. Illuminated entry is disabled as soon as the Body Control Module sees an Ignition "ON" input.

**Power Door Locks**

When a Door Lock Switch is activated in the Power Door Lock system, both doors will lock or unlock in unison. The locks are operated by reversible Actuators. The Door Lock Switches operate the Actuators by applying a ground input signal to the Body Control Module (BCM), which commands the Door Lock Actuators to lock or unlock. When either the LH or RH Door Lock Switch is moved to "LOCK," the BCM switches battery voltage to both Door Lock Actuators at CKT 259. The LH and RH Actuators are grounded through CKT 694 and CKT 1663, through the BCM and CKT 650 to ground G200. When either the LH or RH Door Lock Switch is moved to "UNLOCK," the BCM switches battery voltage to both Door Lock Actuators at CKT 649 and CKT 1663. Both Actuators are grounded through CKT 295, through the BCM and CKT 650 to ground G200.

## PROGRAMMING THE BODY CONTROL MODULE

The Body Control Module (BCM) is capable of accepting Vehicle Access Code (VAC) programming from any two random Remote Control Door Lock Transmitters. One or two Remote Control Door Lock Transmitters can be programmed. When two Remote Control Door Lock Transmitters are programmed, they must be programmed during the same program sequence, one after the other but not simultaneously. The Remote Control Door Lock Transmitter is manufactured with a permanent VAC combination (one of over 4 billion combinations) that cannot be changed for the life of the Remote Control Door Lock Transmitter. The BCM can only be programmed by the Remote Control Door Lock Transmitter when Radio Fuse 17 is disconnected from the Fuse Block.

### Programming Procedure

1. Turn Ignition to the "OFF" position.
2. Remove RADIO Fuse 17 from the Fuse Block.
3. Cycle the Ignition Switch from "OFF" to "RUN" three times within five seconds. The door locks and hatch release will cycle, indicating the Body Control Module is in the Programming Mode.
4. Press and hold both "LOCK" and "UNLOCK" buttons on the Remote Control Door Lock Transmitter for 16 seconds.
  - Door Locks will cycle once, confirming the Transmitter code is programmed.

- Any Transmitter code that was previously programmed has been erased.
  - The BMC is now programmed to the Transmitter.
5. If programming the BCM to match a second Remote Control Door Lock Transmitter, repeat step 4. This must be done before the RADIO Fuse 17 is reinstalled.
  6. Ignition Switch to the "OFF" position.
  7. Reinstall RADIO Fuse 17 to Fuse Block.

### ! Important:

- Always program both Remote Control Door Lock Transmitters when replacing a lost or damaged Transmitter. The first Remote Control Door Lock Transmitter Code programmed will always be in both memories until a second Remote Control Door Lock Transmitter is programmed within the same sequence.
- The Remote Keyless Entry System will not be operational if the program input line (RADIO Fuse 17) is open.
- Program only one vehicle Remote Keyless Entry System at a time. If multiple vehicles are being programmed in close proximity simultaneously, it is possible that the same Remote Control Door Lock Transmitter could be programmed to more than one vehicle.

CAUTION: This vehicle is equipped with Supplemental Restraint System (SRS) air bags. Refer to CAUTIONS in Section 8 under "ON-VEHICLE SERVICE" and the SRS Component and Wiring Location view in Section 8 before performing service on or around SRS components or wiring. Failure to follow CAUTIONS could result in possible air bag deployment, personal injury or otherwise unintended air bag system operation.

