# GROUP 52A

# INTERIOR

## CONTENTS

# GENERAL DESCRIPTION

M1521000100366

Service procedure has been established due to the following addition. The other information is the same as before.

- The connector shape of automatic anti-glare mirror has been changed.
- The trunk room trim shape has been changed.

# INSIDE REAR VIEW MIRROR DIAGNOSIS

## INTRODUCTION TO INSIDE REAR VIEW MIRROR DIAGNOSIS

M1521004200149

If the inside rear view mirror does not operate, the power supply system or the inside rear view mirror circuit may be defective.

## INSIDE REAR VIEW MIRROR DIAGNOSTIC TROUBLESHOOTING STRATEGY

M1524003100795

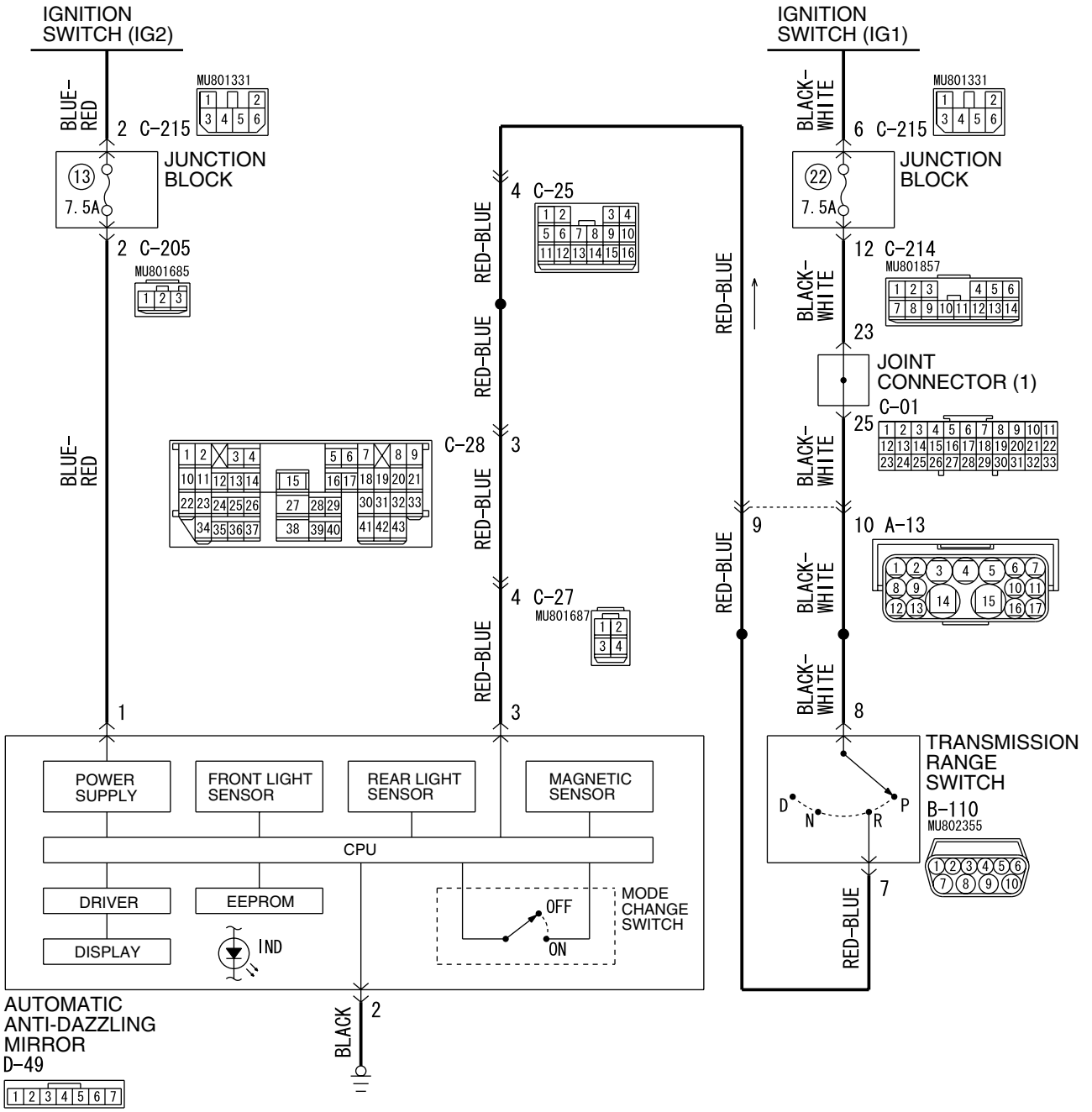
Use these steps to plan your diagnostic strategy. If you follow them carefully, you will be sure that you have exhausted most of the possible ways to find a inside rear view mirror fault.

1. Gather information from the customer.
2. Verify that the condition described by the customer exists.
3. Find the malfunction by following the Symptom procedure.
4. Verify malfunction is eliminated.

# SYMPTOM PROCEDURES

## The Inside Rear View Mirror can't be Set to Night Mode

**Automatic Anti-Dazzling MirrorCircuit**

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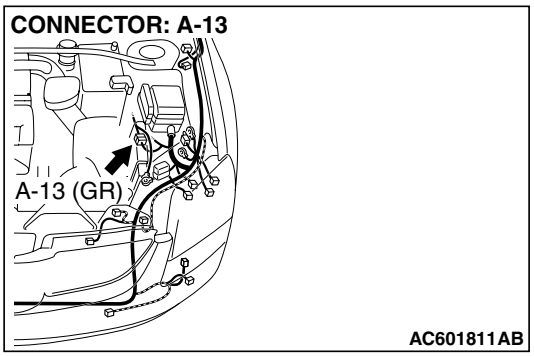
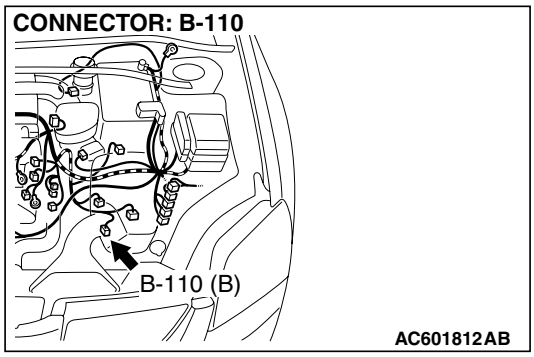
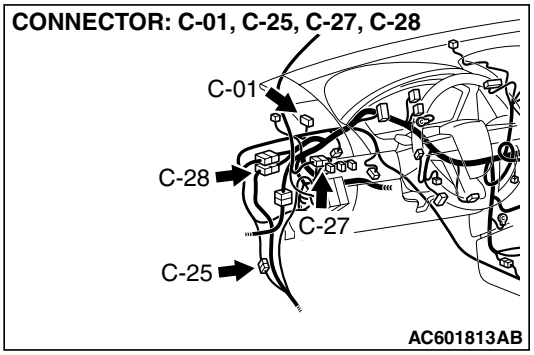
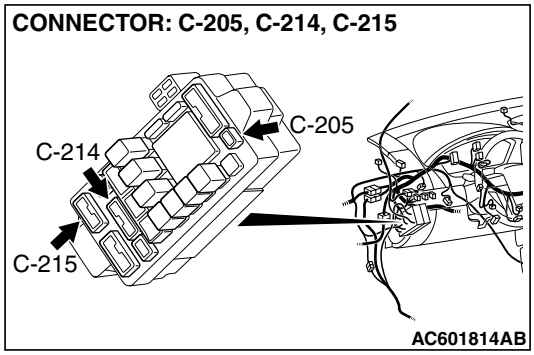
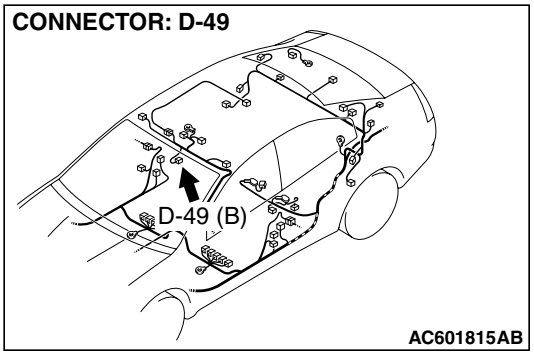
**TSB Revision**




## FUNCTION

When the mirror switch is set to "AUTO", the anti-glare function is activated automatically.

## TROUBLESHOOTING HINTS

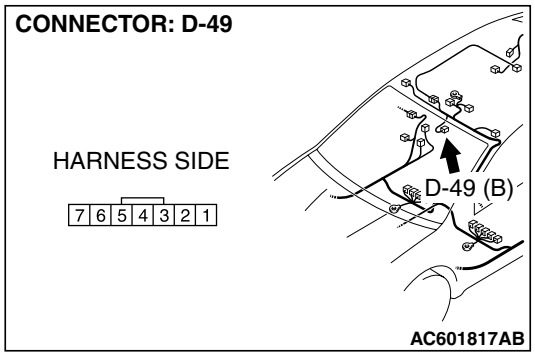
- Malfunction of connector.
- Malfunction of the inside rear view mirror assembly

## DIAGNOSIS

**Required Special Tools:**

- MB991223: Harness Set
- MB992006: Extra Fine Probe

**TSB Revision**

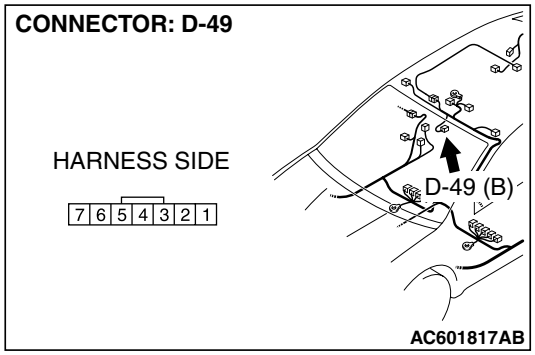



**STEP 1. Check inside rear view mirror assembly connector D-49 for loose, corroded or damaged terminals, or terminals pushed back in the connector.**

**Q: Is inside rear view mirror assembly connector D-49 in good condition?**

**YES :** Go to Step 2.

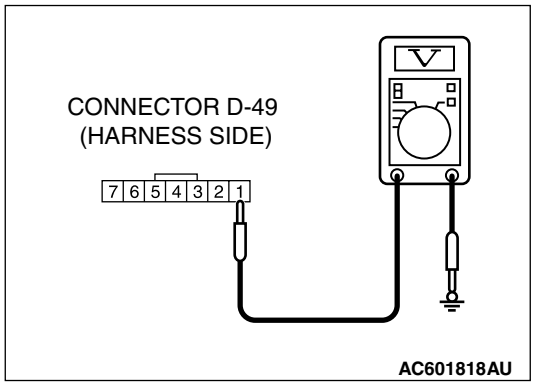
**NO :** Repair or replace the connector. Refer to GROUP 00E, Harness Connector Inspection.




**STEP 2. Measure the voltage at inside rear view mirror assembly connector D-49.**

(1) Disconnect inside rear view mirror assembly connector D-49, and measure the voltage at the wiring harness side.

(2) Turn the ignition switch to the "ON" position.




(3) Measure the voltage between terminal 1 and ground.

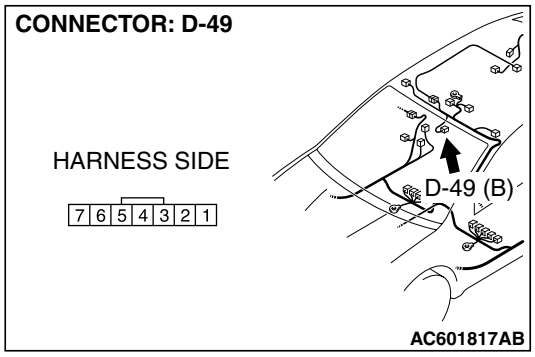
- The measured value should be approximately 12 volts (battery positive voltage).

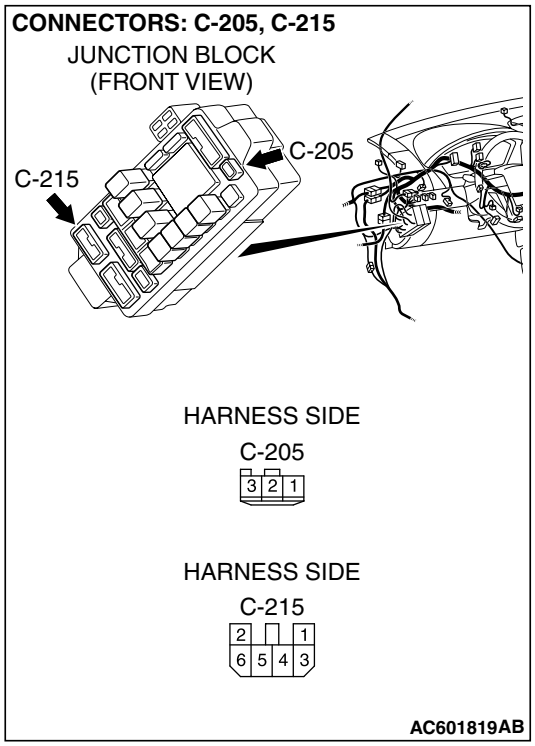
**Q: Is the measured voltage approximately 12 volts?**

**YES :** Go to Step 4.

**NO :** Go to Step 3.

**STEP 3. Check the wiring harness between inside rear view mirror assembly connector D-49 (terminal 1) and the ignition switch (IG2).**



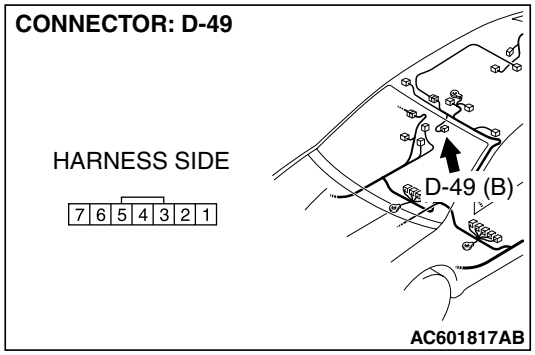

*NOTE: Also check junction block connector C-205 and C-215 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If junction block connector C-205 and C-215 is damaged, repair or replace the connector as described in GROUP 00E, Harness Connector Inspection.*

**Q: Is the wiring harness between inside rear view mirror assembly connector D-49 (terminal 1) and the ignition switch (IG2) in good condition?**

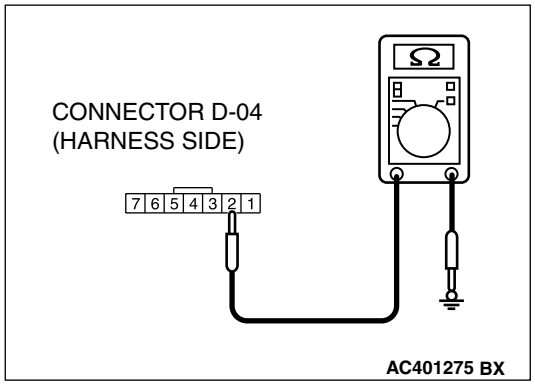
**YES :** It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions.

**NO :** Repair the wiring harness.

**STEP 4. Measure the resistance at inside rear view mirror assembly connector D-49.**




(1) Disconnect inside rear view mirror assembly connector D-49, and measure the resistance at the wiring harness side.

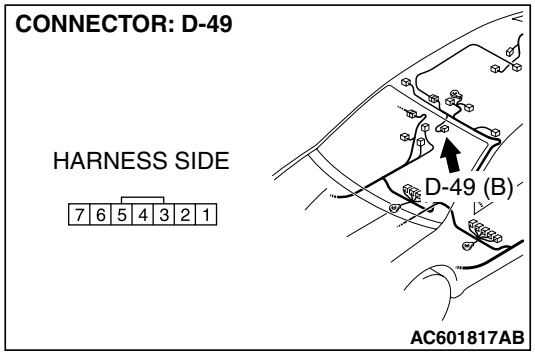



(2) Measure the resistance value between terminal 2 and ground.
- The measured value should be 2 ohms or less.

**Q: Does the measured resistance value correspond with this range?**

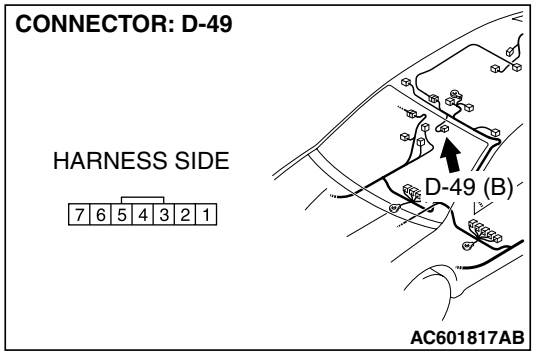
**YES :** Go to Step 6.
**NO :** Go to Step 5.

**STEP 5. Check the wiring harness between inside rear view mirror assembly connector D-49 (terminal 2) and ground.**



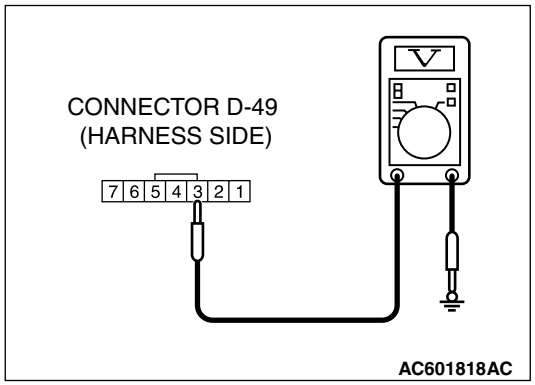

**Q: Is the wiring harness between inside rear view mirror assembly connector D-49 (terminal 2) and ground in good condition?**

**YES :** It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions.
**NO :** Repair the wiring harness.




**STEP 6. Measure the voltage at inside rear view mirror assembly connector D-49.**

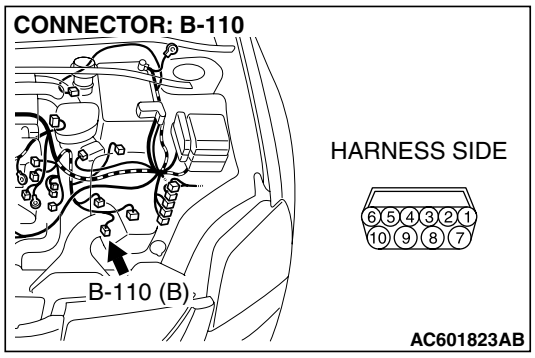
(1) Disconnect inside rear view mirror assembly connector D-49, and measure the voltage at the harness side.
(2) Turn the ignition switch to the "ON" position.
(3) Shift the selector lever to the "R" range.




(4) Measure the voltage between terminal 3 and ground.
- The measured value should be approximately 12 volts (battery positive voltage).

**Q: Is the measured voltage approximately 12 volts?**

**YES :** Go to Step 12.
**NO :** Go to Step 7.

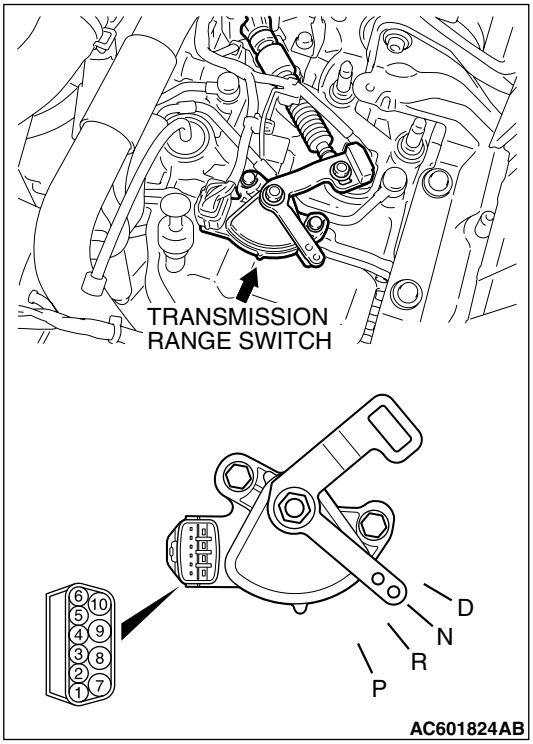



**STEP 7. Check transmission range switch connector B-110 for loose, corroded or damaged terminals, or terminals pushed back in the connector.**

**Q: Is the transmission range switch connector B-110 in good condition?**

**YES :** Go to Step 8.
**NO :** Repair or replace the damaged component(s). Refer to GROUP 00E, Harness Connector Inspection.

**STEP 8. Check the transmission range switch.**



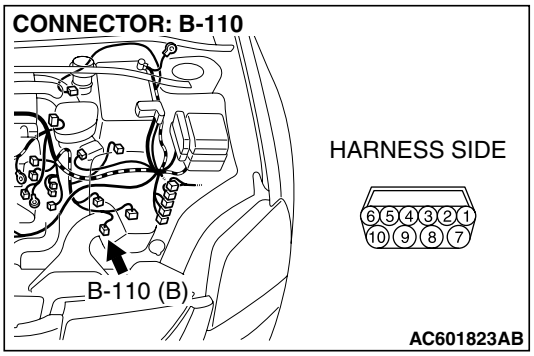

| TRANSMISSION RANGE | TERMINAL CONNECTION OF TESTER | SPECIFIED CONDITION |
|---|---|---|
| P | 3 – 8, 9 – 10 | Less than 2 ohms. |
| R | 7 – 8 | |
| N | 4 – 8, 9 – 10 | |
| D | 1 – 8 | |

**Q: Is the transmission range switch in good condition?**

**YES :** Go to Step 9.

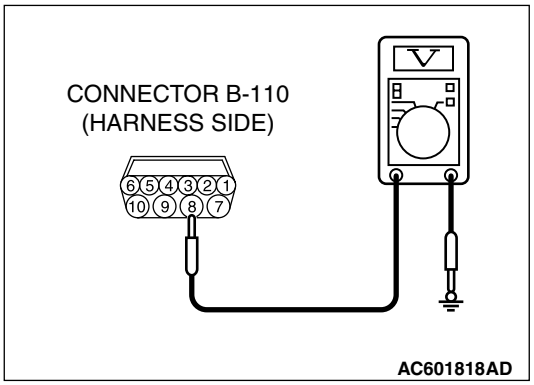
**NO :** Replace the transmission range switch.

**STEP 9. Check the ignition switch (IG1) circuit to the backup light switch. Measure the voltage at transmission range switch connector B-110.**




(1) Disconnect transmission range switch connector B-110 and measure the voltage available at the wiring harness side of the connector.

(2) Turn the ignition switch to the "ON" position.




(3) Measure the voltage between terminal 8 and ground.

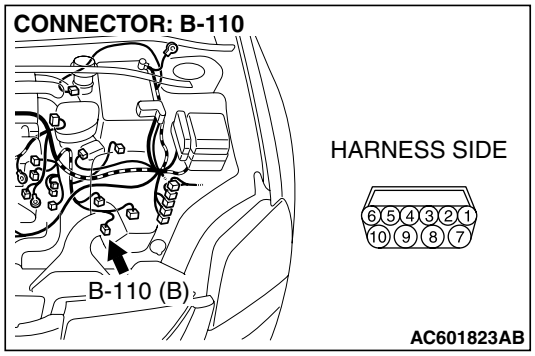
- The voltage should equal approximately 12 volts (battery positive voltage).

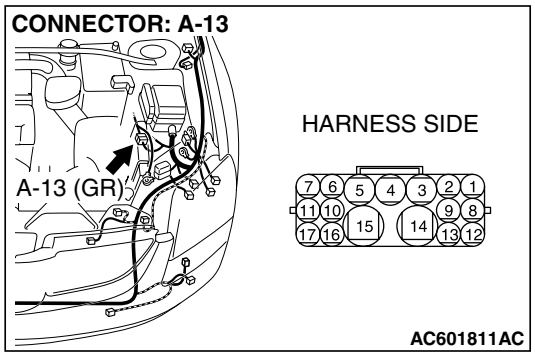
**Q: Is the measured voltage approximately 12 volts (battery positive voltage)?**

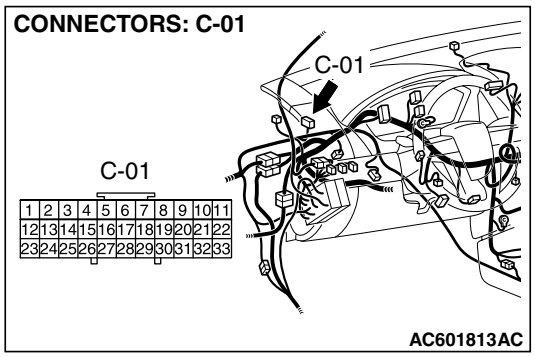
**YES :** Go to Step 11.

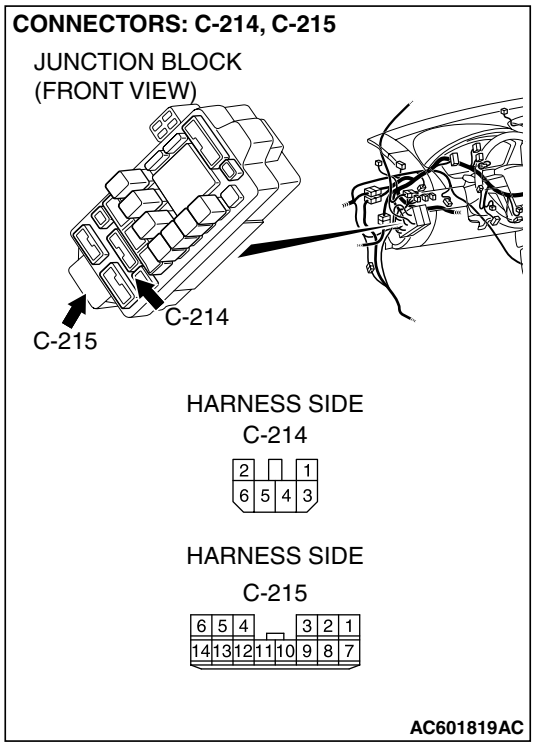
**NO :** Go to Step 10.

**STEP 10. Check the wiring harness between transmission range switch connector B-110 (terminal 8) and the ignition switch (IG1).**





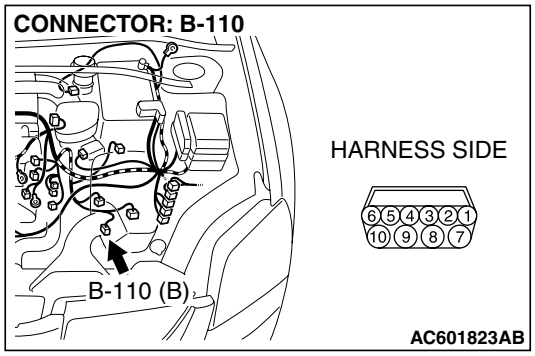

*NOTE: Also check junction block connectors C-214, C-215, joint connector C-01, intermediate connectors A-13 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If junction block connectors C-214, C-215, joint connector C-01, intermediate connectors A-13 are damaged, Repair or replace the damaged component(s) as described in GROUP 00E, Harness Connector Inspection.*

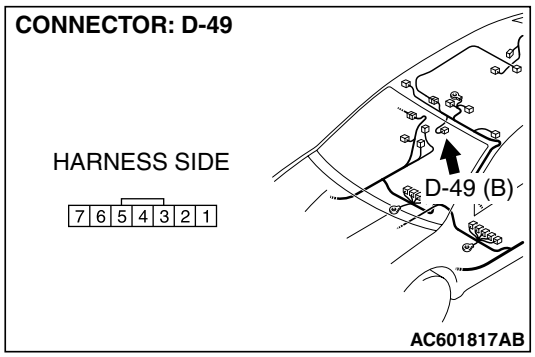
**Q: Is the wiring harness between transmission range switch connector B-110 (terminal 8) and the ignition switch (IG1) in good condition?**

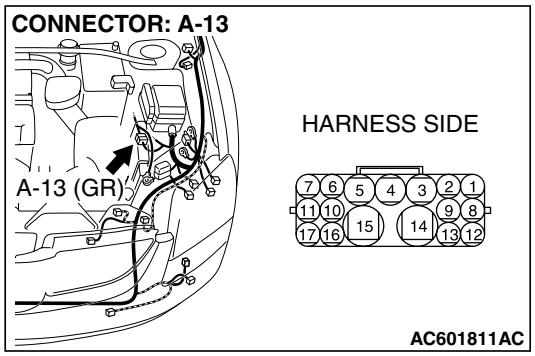
**YES :** No action is necessary and testing is complete.

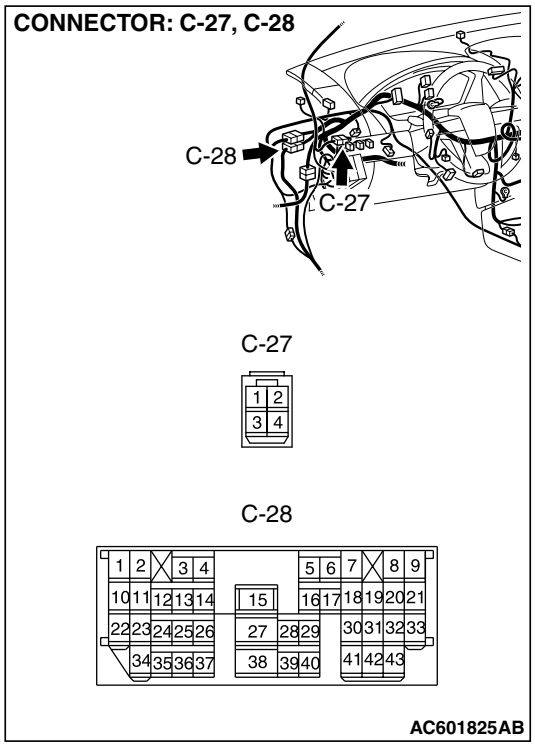
**NO :** The wiring harness may be damaged or the connector(s) may have loose, corroded or damaged terminals, or terminals pushed back in the connector. Repair the wiring harness as necessary.

**STEP 11. Check the wiring harness between inside rear view mirror assembly connector D-49 (terminal 3) and transmission range switch connector B-110 (terminal 7).**






*NOTE: Also check intermediate connectors C-27, C-28 and A-13 for loose, corroded, or damaged terminals, or terminals pushed back in the connector. If intermediate connectors C-27, C-28 and A-13 is damaged, repair or replace the connector as described in GROUP 00E, Harness Connector Inspection.*

**Q: Is the wiring harness between inside rear view mirror assembly connector D-49 (terminal 3) and transmission range switch connector B-110 (terminal 7) in good condition?**

**YES :** It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions.

**NO :** Repair the wiring harness.

**STEP 12. Check the inside rear view mirror assembly.**

Refer to.

**Q: Is the check result normal?**

**YES :** It can be assumed that this malfunction is intermittent. Refer to GROUP 00, How to Use Troubleshooting/Inspection Service Points – How to Cope with Intermittent Malfunctions.

**NO :** Replace the inside rear view mirror assembly.

# TRIMS

## REMOVAL AND INSTALLATION

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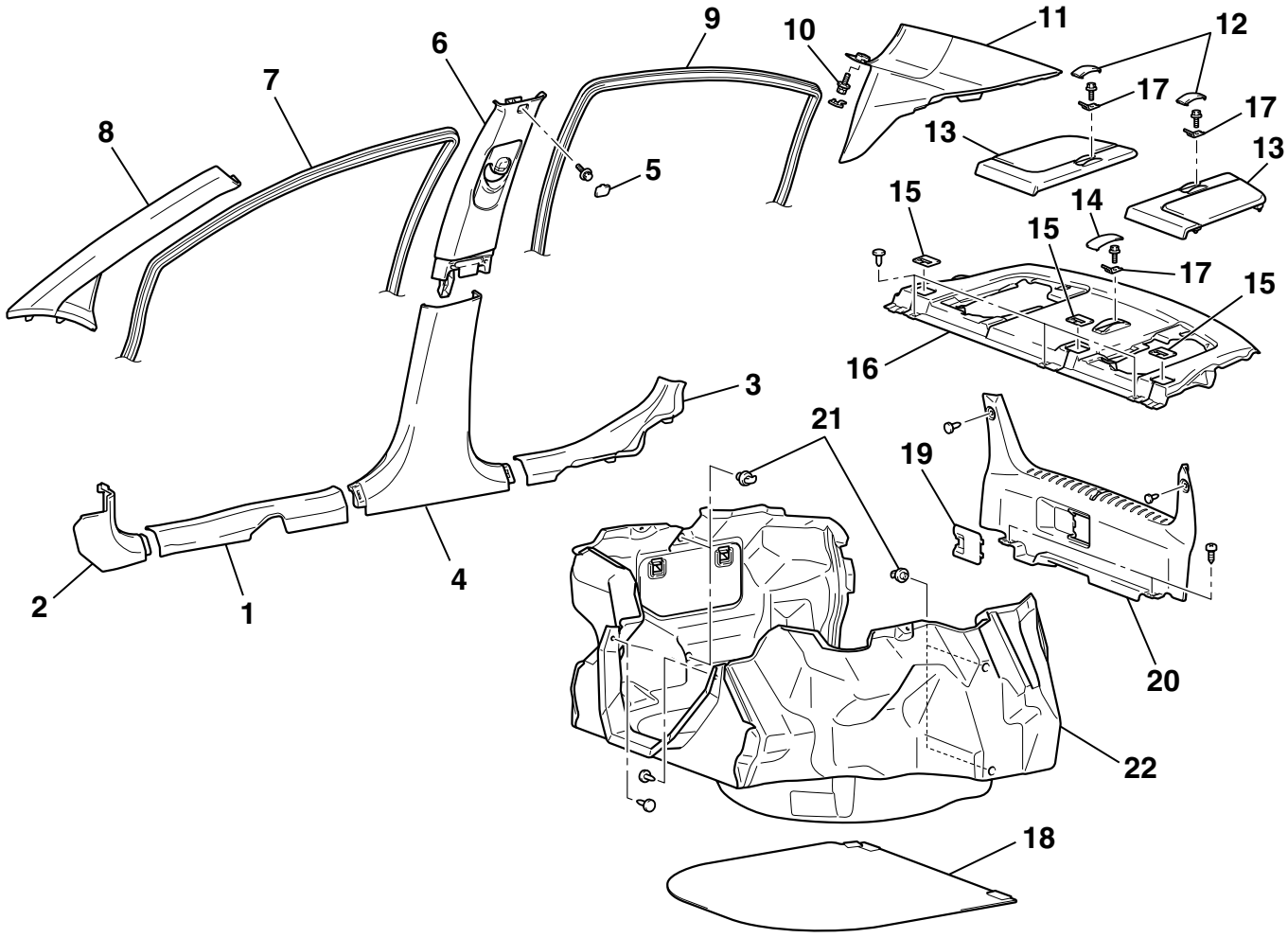


AC601805AB

1. FRONT SCUFF PLATE
2. COWL SIDE TRIM
   - REAR SEAT CUSHION
3. REAR SCUFF PLATE
   - FRONT SEAT BELT LOWER ANCHOR BOLT
4. CENTER PILLAR TRIM LOWER
5. SCREW CAP
6. CENTER PILLAR TRIM UPPER
7. FRONT DOOR OPENING TRIM

<<**A**>> 8. FRONT PILLAR TRIM

9. REAR DOOR OPENING TRIM
10. SCREW CAP
    - REAR SEATBACK ASSEMBLY
11. REAR PILLAR TRIM
12. CHILD RESTRAINT LID
13. REAR SHELF SPEAKER GARNISH
14. CHILD RESTRAINT LID
15. SEAT BELT GARNISH
16. REAR SHELF TRIM
17. CHILD RESTRAINT FITTING
18. TRUNK ROOM FLOOR BOARD
19. REAR END TRIM COVER
20. REAR END TRIM
21. PARCEL NET ANCHOR
22. TRUNK ROOM TRIM

**TSB Revision**