# **GROUP 52A** INTERIOR

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WARNINGS REGARDING SERVICING OF SUPPLEMENTAL RESTRAINT SYSTEM (SRS) EQUIPPED VEHICLES

#### 

Improper service or maintenance of any component of the SRS, or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver and passenger (from rendering the SRS inoperative). Service or maintenance of any SRS component or SRS-related component must be performed only at an authorized MITSUBISHI dealer.

- MITSUBISHI dealer personnel must thoroughly review this manual, and especially its GROUP 52B Supplemental Restraint System (SRS) before beginning any service or maintenance of any component of the SRS or any SRSrelated component.

NOTE

The SRS includes the following components: SRS air bag control unit, SRS warning light, front impact sensors, air bag module, clock spring, and interconnecting wiring. Other SRS-related components (that may have to be removed/installed in connection with SRS service or maintenance) are indicated in the table of contents by an asterisk (\*).

#### INTERIOR GENERAL DESCRIPTION

# **GENERAL DESCRIPTION**

M1521000100151

#### SEAT BELT WARNING SYSTEM

- When the ignition switch is turned "ON" without fastening the seat belts (seat belt switch OFF), the tone alarm will sound for approximately 6 seconds to warn the driver to fasten the seat belts. When the seat belts are fastened, the torn alarm will stop sounding.
- When the ignition switch is turned ON without fastening the seat belt, the seat belt warning light comes on to warn the driver to fasten the seat belt.

# SEAT BELT WARNING SYSTEM DIAGNOSIS

M1523000700126

The seat belt warning system is controlled by Simplified Warning System (SWS). For troubleshooting, refer to GROUP 54B, SWS Diagnosis P.54B-6.

# SPECIAL TOOL

M1521000600242

TOOL	TOOL NUMBER AND NAME	SUPERSESSION	APPLICATION
MB990784	MB990784 Ornament remover	General service tool	Removal of switch, trim, etc.

# **INSTRUMENT PANEL ASSEMBLY**

# **REMOVAL AND INSTALLATION**

The following bolts and screws are used for installing the instrument panel. Bolts and screws are indicated as marks shown in the illustration in the sections of "Removal and Installation" and "Disassembly and Assembly."

NAME	SYMBOL	SIZE (D $\times$ L) mm	COLOR	SHAPE
Tapping screw	а	5 × 16	Black	
	b	5 × 16	-	ACX01282
	С	5 × 12	-	() ACX01283
Bolt with washer	d	6 × 12	-	
	e	5 × 20	-	了加加股 AC005505

D: Thread diameter L: Effective thread length

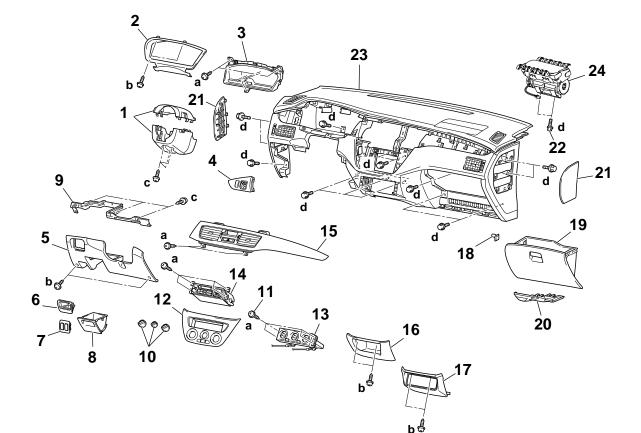
M1521001700327

#### 

- Refer to GROUP 52B, SRS Service Precautions P.52B-18 and Air bag Module and Clock Spring P.52B-184 before removing the passenger side air bag module.
- Do not subject the SRS-ECU to any shocks when removing or installing the instrument panel.

#### Pre-removal and Post-installation Operation

- Removal and Installation of Front Pillar Trim (Refer to P.52A-11.)
- Hood Opener Lever (Refer to GROUP42, Hood P.42-7.)



#### **REMOVAL STEPS**

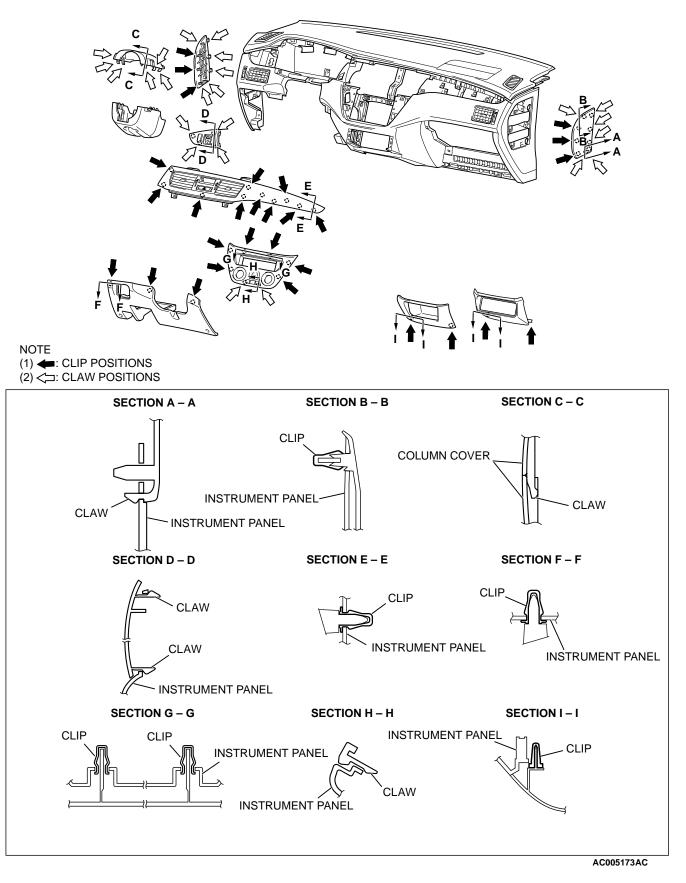
- 1. COLUMN COVER
- 2. METER BEZEL
- 3. COMBINATION METER
- 4. INSTRUMENT PANEL ORNAMENT
- 5. UNDER COVER
- 6. BOX <VEHICLE WITH BOX>
- SWITCH PANEL <VEHICLE WITH SWITCH PANEL>
- 8. SIDE BOX
- 9. LOWER FRAME
- **10. HEATER CONTROL KNOB**
- 11. HEATER CONTROL ASSEMBLY MOUNTING SCREW
- 12. CENTER PANEL
- 13. HEATER CONTROL ASSEMBLY
- 14. RADIO AND TAPE PLAYER

**REMOVAL STEPS (Continued)** 

AC211623AB

- 15. CENTER AIR OUTLET PANEL
- 16. CENTER LOWER CASE
- 17. CENTER LOWER PANEL (VEHICLE WITH CD AUTOMATIC CHANGER)
- 18. STOPPER
- 19. GLOVE BOX
- 20. HARNESS COVER
- 21. INSTRUMENT PANEL SIDE COVER
- 22. SRS FRONT PASSENGER'S AIR BAG MODULE MOUNTING BOLT
- STEERING COLUMN SHAFT MOUNTING BOLT (REFER TO GROUP 37A, STEERING WHEEL AND SHAFT P.37-25.)
- 23. INSTRUMENT PANEL ASSEMBLY
- <<A>> 24. SRS FRONT PASSENGER'S AIR BAG MODULE

### **CLIP AND CLAW POSITION**



<b>TSB</b> Revision	

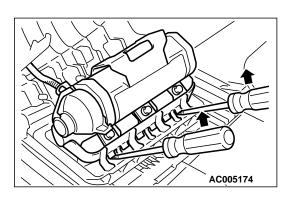
### **REMOVAL SERVICE POINT**

#### <<A>> SRS FRONT PASSENGER'S AIR BAG MODULE REMOVAL

#### 

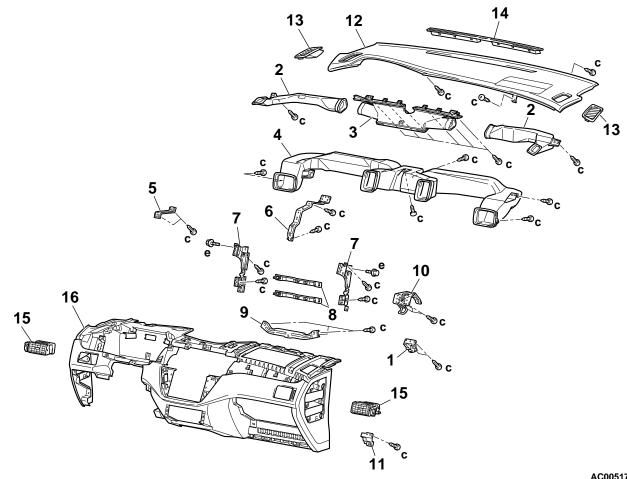
- Do not damage the claws of the hinge when removing the front passenger's air bag module.
- Store the removed front passenger's air bag module facing the deployed side upward in a clean and dry place.

Insert the flat tipped screwdriver into the position shown in the illustration and pull up the screwdriver to disengage the claws for removal of the front passenger's air bag module.



DISASSEMBLY AND ASSEMBLY

M1521001900279



AC005175 AB

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#### DISASSEMBLY STEPS

- 1. INSTRUMENT PANEL UPPER SUPPORT
- 2. SIDE DEFROSTER DUCT
- 3. CENTER DEFROSTER DUCT
- 4. DISTRIBUTION DUCT
- 5. DRIVER SIDE UPPER BRACKET
- 6. CENTER UPPER REINFORCEMENT
- 7. INSTRUMENT PANEL CENTER REINFORCEMENT
- 8. BRIDGE REINFORCEMENT

#### DISASSEMBLY STEPS (Continued)

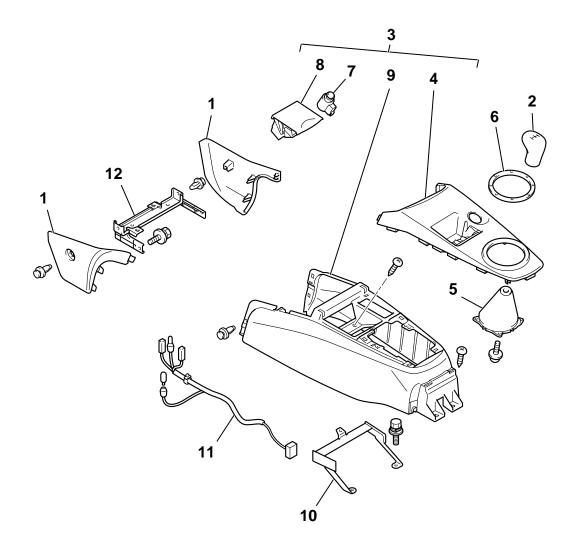
- 9. CENTER LOWER
- 10. GLOVE BOX STRIKER
- 11. GLOVE BOX COVER
- 12. INSTRUMENT PANEL PAD
- 13. SIDE DEMISTER
- 14. DEFROSTER GARNISH
- 15. SIDE AIR OUTLET ASSEMBLY
- 16. INSTRUMENT PANEL

# FRONT FLOOR CONSOLE ASSEMBLY

### **REMOVAL AND INSTALLATION**

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Pre-removal and Post-installation Operation
Removal and Installation of Rear Floor Console (Refer to P.52A-8.)



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#### INTERIOR REAR FLOOR CONSOLE ASSEMBLY

#### REMOVAL STEPS

- 1. CONSOLE SIDE COVER
- 2. SHIFT LEVER KNOB
- 3. FRONT FLOOR CONSOLE ASSEMBLY
- 4. FRONT FLOOR CONSOLE PANEL
- 5. M/T SHIFT LEVER COVER
- 6. SHIFT LEVER PANEL GARNISH
- 7. CIGARETTE LIGHTER

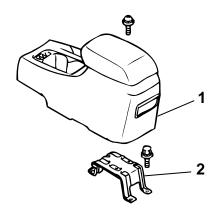
#### **REMOVAL STEPS (Continued)**

- 8. ASHTRAY
- 9. FRONT FLOOR CONSOLE
- 10. FRONT FLOOR CONSOLE BRACKET
- 11. HARNESS
- 12. CONSOLE SIDE COVER BRACKET

# **REAR FLOOR CONSOLE ASSEMBLY**

#### **REMOVAL AND INSTALLATION**

M1521005700051



#### **REMOVAL STEPS**

- 1. REAR CONSOLE ASSEMBLY
- REAR SEAT CUSHION ASSEMBLY (REFER TO P.52A-22.)
- FRONT SCUFF PLATE (REFER TO P.52A-11.)

AC211586AB

#### **REMOVAL STEPS (Continued)**

- REAR SCUFF PLATE (REFER TO P.52A-11.)
- LOWER CENTER PILLAR TRIM (REFER TO P.52A-11.)
- FLOOR CARPET

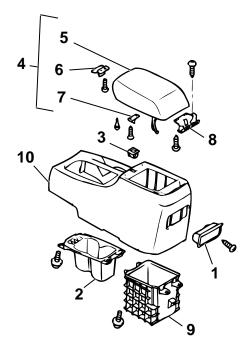
.

2. REAR CONSOLE BRACKET

### DISASSEMBLY AND ASSEMBLY

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52A-9



AC211588AB

#### DISASSEMBLY STEPS

1. ASHTRAY

<<A>>>

- 2. CUP HOLDER
- 3. HOLE LOCK
- 4. CONSOLE LID ASSEMBLY
- 5. CONSOLE LID
- 6. UPPER LID LOCK
- 7. LOWER LID STRIKER

#### **DISASSEMBLY STEPS (Continued)**

- 8. HINGE BRACKET
- 9. BOX
- 10. REAR FLOOR CONSOLE

#### **Required Special Tool:**

• MB990784: Ornament remover

#### INTERIOR REAR FLOOR CONSOLE ASSEMBLY

# CONSOLE LID ASSEMBLY REAR FLOOR CONSOLE ASHTRAY ╋ MOUNTING Α HOLE **VIEW A** HINGES MB990784 · I I 1.1 AC005508AD

### DISASSEMBLY SERVICE POINT

#### <<A>> CONSOLE LID ASSEMBLY REMOVAL

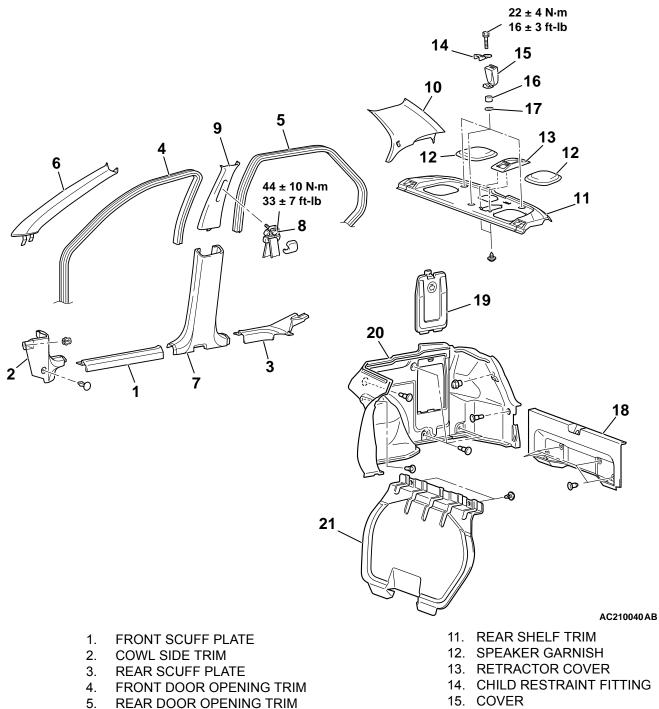
Insert the special tool into the hinges of the console lid assembly and the rear floor console through the ashtray mounting hole to pry for removal.

# 52A-11

# TRIMS

### **REMOVAL AND INSTALLATION**

M1521001100358



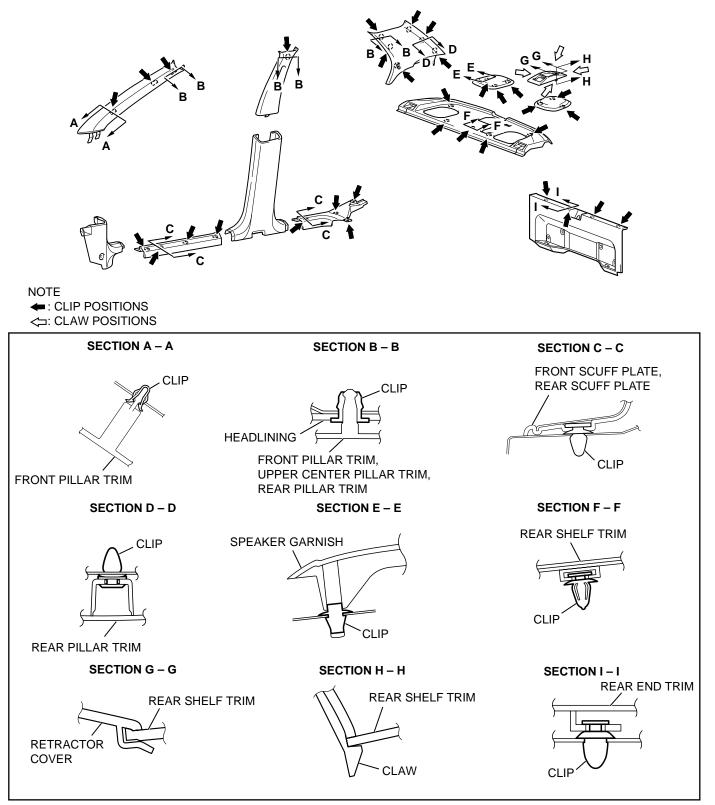
- 16. SPACER (10 inch)
  - 17. FIBER WASHER
  - 18. REAR END TRIM
  - 19. TRUNK ROOM SIDE TRIM LID
  - 20. TRUNK ROOM SIDE TRIM
  - 21. TRUNK ROOM FRONT TRIM

- 6. FRONT PILLAR TRIM

<<A>>>

- LOWER CENTER PILLAR TRIM 7.
- 8. FRONT SEAT BELT
- CONNECTION 9. UPPER CENTER PILLAR TRIM
- 10. REAR PILLAR TRIM
  - TSB Revision

# **CLIP POSITION**

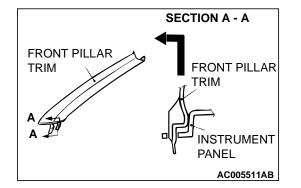


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### **REMOVAL SERVICE POINT**

#### <<A>> FRONT PILLAR TRIM REMOVAL

Release the clip to pull towards the direction shown in the illustration and remove the front pillar trim.

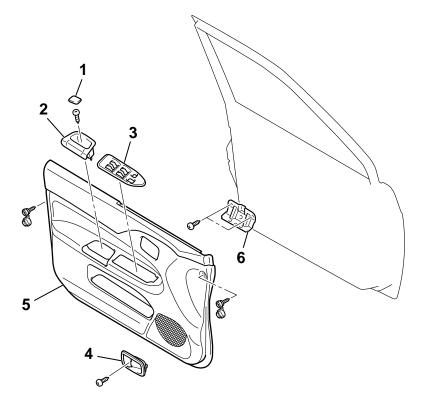


# **DOOR TRIM**

### **REMOVAL AND INSTALLATION**

<FRONT DOOR TRIM>

M1521006400086



# FRONT DOOR TRIM REMOVAL STEPS

1. CAP

<<A>>

- 2. PULL HANDLE BOX
- 3. POWER WINDOW SWITCH PANEL ASSEMBLY
- 4. DOOR INSIDE HANDLE COVER

AC210022AB

# FRONT DOOR TRIM REMOVAL STEPS (Continued)

- 5. FRONT DOOR TRIM
- 6. FRONT DOOR PULL HANDLE BRACKET

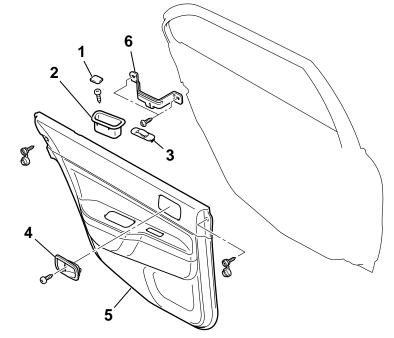
### **Required Special Tool:**

• MB990784: Ornament remover

|--|

INTERIOR DOOR TRIM

#### <REAR DOOR TRIM>



# REAR DOOR TRIM REMOVAL STEPS

- 1. CAP
- 2. PULL HANDLE BOX
- 3. POWER WINDOW SWITCH PANEL ASSEMBLY
- 4. DOOR INSIDE HANDLE COVER

#### AC210019AB REAR DOOR TRIM REMOVAL STEPS (Continued)

- 5. REAR DOOR TRIM
- 6. REAR DOOR PULL HANDLE BRACKET

#### **Required Special Tool:**

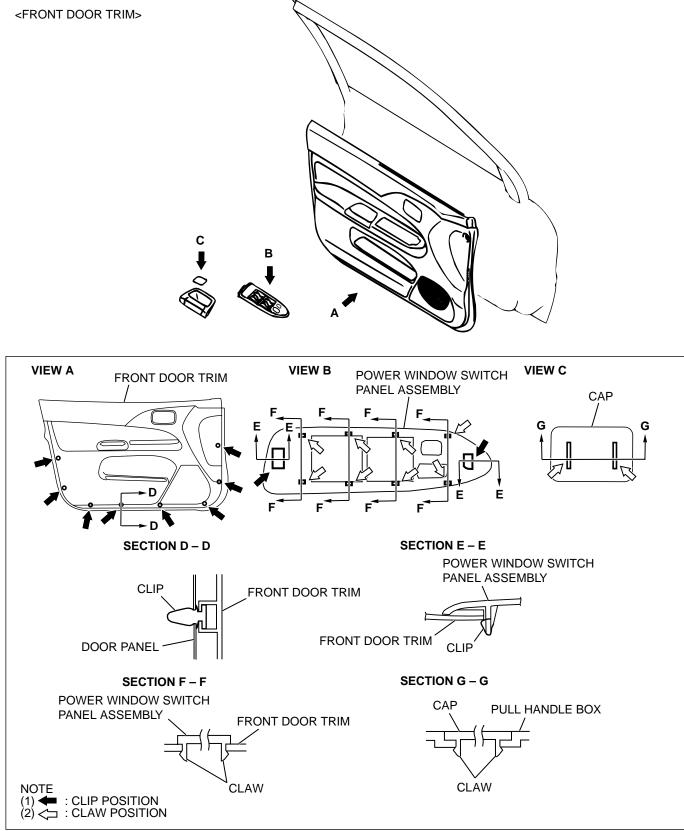
• MB990784: Ornament remover

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<<A>>

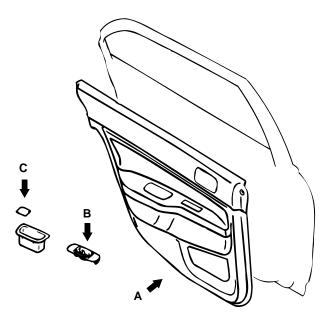
INTERIOR DOOR TRIM

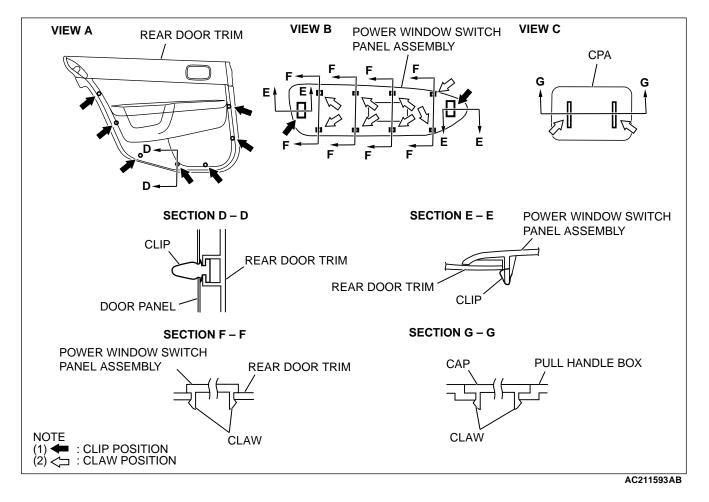
### **CLIP AND CLAW POSITIONS**



AC210245AB

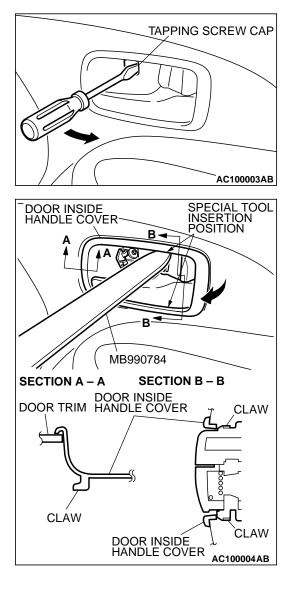
**TSB Revision** 





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#### INTERIOR DOOR TRIM



# **REMOVAL SERVICE POINT**

### <<a>>> DOOR INSIDE HANDLE COVER REMOVAL

1. Insert a flat-tipped screwdriver into the rear end of the tapping screw cap on the door inside handle cover, and prize out the cap to the direction shown. Then remove the tapping screw.

- 2. Insert special tool MB990784 into the clearance between the door inside handle cover and the door inside handle, and disengage the claws of the door inside handle.
- 3. Insert special tool MB990784 into the rear end of the inside handle cover, and prize out the cover to the direction shown. Then remove the door inside handle cover.

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INTERIOR HEADLINING

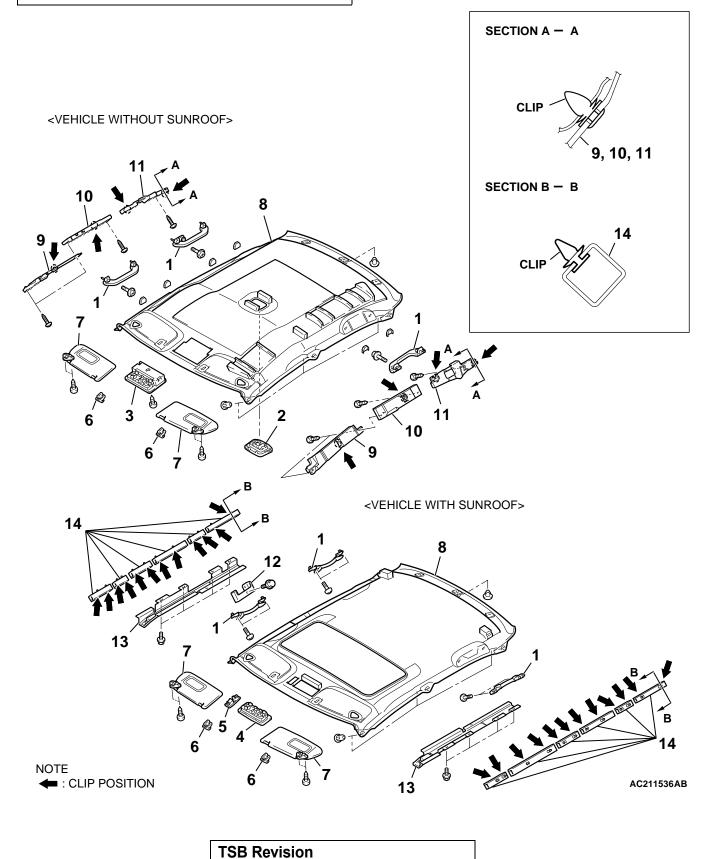
# **HEADLINING**

### **REMOVAL AND INSTALLATION**

M1521001400274

#### Pre-removal and Post-installation Operation

- Removal and Installation of Front Pillar Trim, Upper Center Pillar Trim, Rear Pillar Trim (Refer to P.52A-11.)



#### **REMOVAL STEPS**

- 1. ASSIST GRIP
- REAR DOME LIGHT ASSEMBLY <VEHICLE WITHOUT SUNROOF>
- 3. FRONT DOME LIGHT WITH SUNGLASSES POCKET <VEHICLE WITHOUT SUNROOF>
- 4. FRONT DOME LIGHT <VEHICLE WITH SUNROOF>
- 5. SUNROOF SWITCH COVER <VEHICLE WITH SUNROOF>
- 6. SUN VISOR HOLDER
- 7. SUN VISOR ASSEMBLY
- FRONT FLOOR CONSOLE ASSEMBLY (REFER TO P.52A-7.)
- 8. HEADLINING

#### **REMOVAL STEPS (Continued)**

- 9. SIDE ROOF BOX, FRONT <VEHICLE WITHOUT SUNROOF>
- 10. SIDE ROOF BOX, CENTER <VEHICLE WITHOUT SUNROOF>
- 11. SIDE ROOF BOX, REAR <VEHICLE WITHOUT SUNROOF>
- 12. ASSIST GRIP BRACKET <VEHICLE WITH SUNROOF>
- 13. ROOF ENERGY ABSORBER BRACKET <VEHICLE WITH SUNROOF>
- 14. ENERGY ABSORBER TUBE <VEHICLE WITH SUNROOF>

#### **Required Special Tool:**

• MB990784: Ornament remover

# **REMOVAL SERVICE POINTS**

#### <<A>> SUN VISOR HOLDER REMOVAL

Insert special tool MB990784 into sides claws of the sun visor holder through the both sides of the sun visor holder to remove the hinges.

#### <<B>> HEADLINING REMOVAL

Bend the headlining to remove from the front passenger's door.

# **INSIDE REAR VIEW MIRROR**

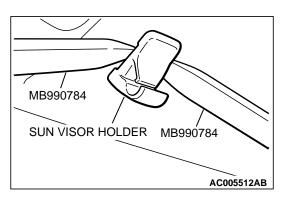
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CLAW A COVER COVER CLAW B CLAW B

# **REMOVAL SERVICE POINT**1. Disengage the claw A and lower the cover toward arrow 1

- Disengage the claw A and lower the cover toward arrow 1 direction.
- 2. Push the claw B toward arrow 2 direction to unlock, and pull out the mirror toward arrow 3 direction.

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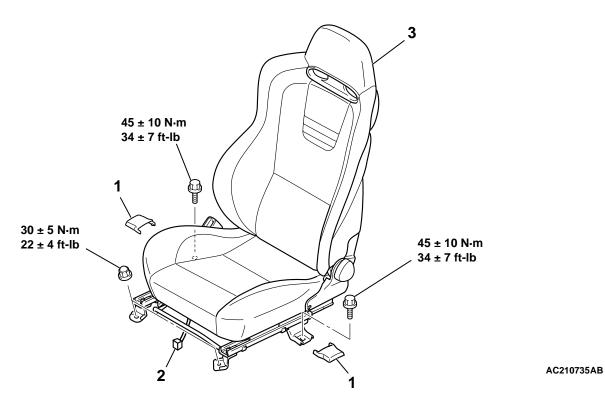
<<B>>>

#### INTERIOR FRONT SEAT ASSEMBLY

# FRONT SEAT ASSEMBLY

### **REMOVAL AND INSTALLATION**

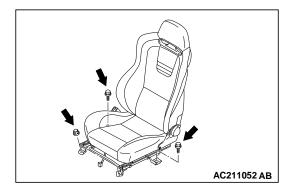
M1522001300281



# **REMOVAL STEPS**

#### **REMOVAL STEPS (Continued)** 2. HARNESS CONNECTOR

- 1. FRONT SEAT ANCHOR COVER
- >>A<< 3. FRONT SEAT ASSEMBLY



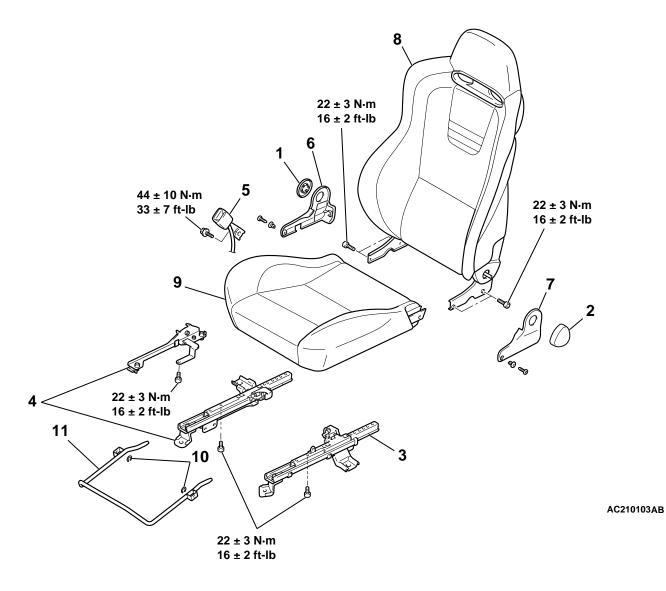
# **INSTALLATION SERVICE POINT**

#### >>A<< FRONT SEAT ASSEMBLY INSTALLATION

- 1. Temporarily tighten the nuts and bolts in all mounting locations shown in the illustration with no load applied to the front seat cushion and check the operation of the seat slide.
- 2. Tighten the nuts and bolts in all mounting locations to the specified torque.

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M1522001500359



#### DISASSEMBLY STEPS

- 1. CAP
- 2. RECLINING ADJUSTER KNOB
- 3. SLIDE ADJUSTER OUTER
- 4. SLIDE ADJUSTER INNER
- 5. INNER SEAT BELT
- 6. CUSHION SHIELD INNER

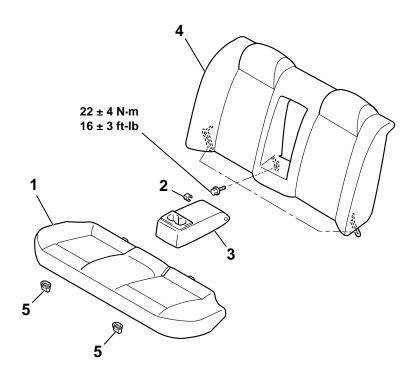
- DISASSEMBLY STEPS (Continued)
- 7. CUSHION SHIELD OUTER
- 8. SEATBACK ASSEMBLY
- 9. SEAT CUSHION ASSEMBLY
- 10. SNAP RING
- 11. SLIDE ADJUSTER LEVER

#### INTERIOR REAR SEAT ASSEMBLY

# REAR SEAT ASSEMBLY

### **REMOVAL AND INSTALLATION**

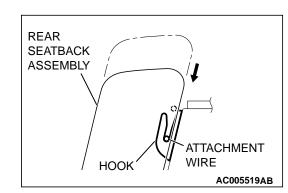
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#### **REMOVAL STEPS (Continued)**

- 3. ARMREST
- >>A<< 4. REAR SEATBACK ASSEMBLY
  - 5. REAR SEAT HOOK



>>B<<

1.

2.

**REMOVAL STEPS** 

ASSEMBLY

REAR SEAT CUSHION

ARMREST SPACER

### **INSTALLATION SERVICE POINTS**

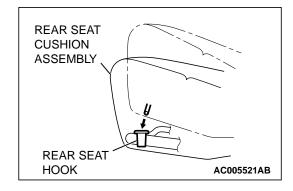
#### >>A<< INSTALLATION OF REAR SEATBACK ASSEMBLY

Press the rear seatback assembly in the direction shown in the illustration and fit the attachment wire into the hook securely to install the rear seatback assembly.

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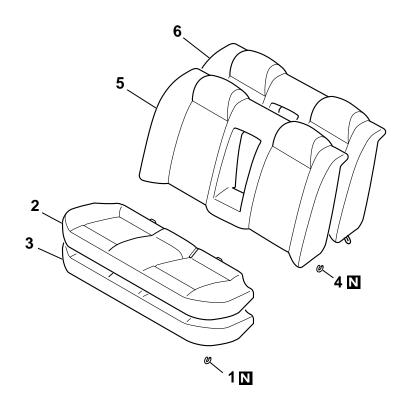
#### >>B<< INSTALLATION OF REAR SEAT CUSHION ASSEMBLY

Fit the rear seat cushion into the rear seat hook securely.



### DISASSEMBLY AND ASSEMBLY

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AC210052AB

#### DISASSEMBLY STEPS

- 1. HOG RING
- 2. REAR SEAT CUSHION COVER
- 3. REAR SEAT CUSHION PAD

DISASSEMBLY STEPS (Continued) HOG RING

- HOG RING
   REAR SEATBACK COVER
- 6. REAR SEATBACK PAD

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#### INTERIOR FRONT SEAT BELT

# **FRONT SEAT BELT**

# **REMOVAL AND INSTALLATION**

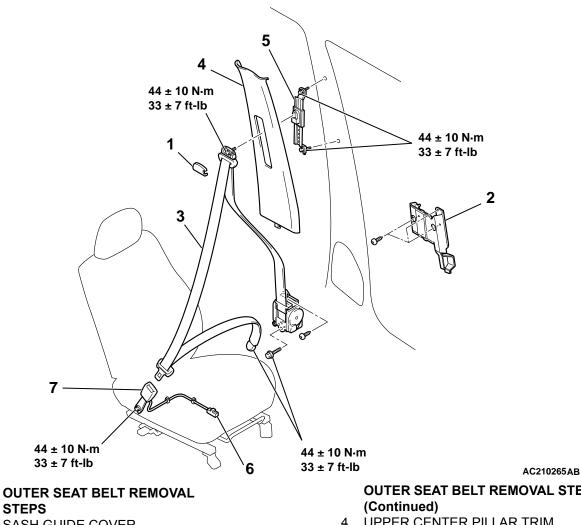
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SRS: Before removing and installing the seat belts with pre-tensioner, refer to GROUP 52B, Seat Belts with Pre-tensioner P.52B-197.

#### Pre-removal and Post-installation Operation

- Turn the ignition key to the LOOK (OFF) position.
- Disconnect the negative battery terminal.



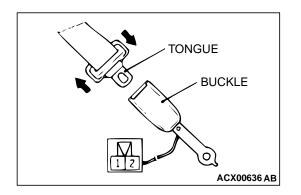
- 1. SASH GUIDE COVER
- LOWER CENTER PILLAR TRIM • (REFER TO P.52A-11.)
- 2. BRACKET
- 3. OUTER SEAT BELT (REFER TO GROUP 52B, SEAT BELTS WITH PRE-TENSIONER P.52B-197)

# **OUTER SEAT BELT REMOVAL STEPS**

- 4. UPPER CENTER PILLAR TRIM (REFER TO P.52A-11.)
- 5. ADJUSTABLE SEAT BELT ANCHOR **INNER SEAT BELT REMOVAL STEPS**
- 6. HARNESS CONNECTOR
- SHIELD COVER (REFER TO P.52A-21.)
- 7. INNER SEAT BELT

# INSPECTION

M1523001400292



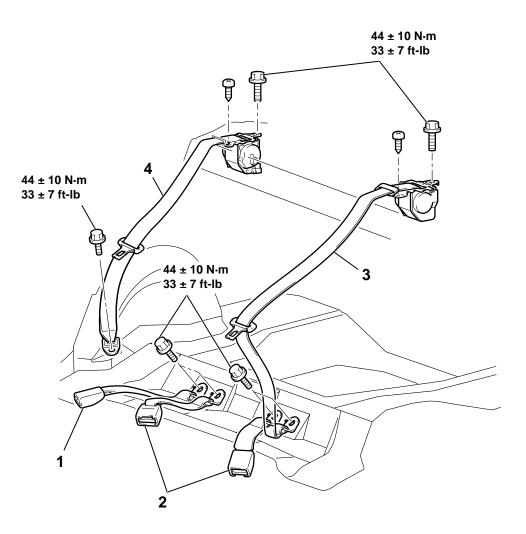
ITEMS	TESTER CONNECTION	SPECIFIED CONDITION
Fastened seat belt	1 – 2	Open circuit
Unfastened seat belt	1 – 2	Less than 2 ohms

SEAT BELT SWITCH CONTINUITY CHECK

# **REAR SEAT BELT**

# **REMOVAL AND INSTALLATION**

M1523001600285



AC211443AB

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#### INTERIOR SPECIFICATIONS

#### **REMOVAL STEPS**

- REAR SEAT CUSHION ASSEMBLY (REFER TO P.52A-22.)
- REAR SEATBACK ASSEMBLY (REFER TO P.52A-22.)
- REAR SHELF TRIM (REFER TO P.52A-11.)

#### **REMOVAL STEPS (Continued)**

- 1. CENTER SEAT BELT, INNER
- 2. INNER SEAT BELT
- 3. CENTER SEAT BELT, OUTER
- 4. OUTER SEAT BELT

# SPECIFICATIONS

### FASTENER TIGHTENING SPECIFICATION

M1521004100205

ITEM	SPECIFICATION			
TRIMS				
Child restraint fitting bolt	22 ± 4 N·m (16 ± 3 ft-lb)			
FRONT SEAT ASSEMBLY				
Seatback assembly bolt	22 ± 3 N·m (16 ± 2 ft-lb)			
Front seat assembly bolt	45 ± 10 N·m (34 ± 7 ft-lb)			
Front seat assembly nut	30 ± 5 N·m (22 ± 4 ft-lb)			
Slide adjuster inner bolt	22 ± 3 N·m (16 ± 2 ft-lb)			
Slide adjuster outer bolt	22 ± 3 N·m (16 ± 2 ft-lb)			
REAR SEAT ASSEMBLY				
Rear seatback assembly bolt	22 ± 4 N·m (16 ± 3 ft-lb)			
FRONT SEAT BELT				
Adjustable seat belt anchor bolt	44 ± 10 N·m (33 ± 7 ft-lb)			
Inner seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)			
Outer seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)			
REAR SEAT BELT				
Center seat belt, inner bolt	44 ± 10 N⋅m (33 ± 7 ft-lb)			
Center seat belt, outer bolt	44 ± 10 N·m (33 ± 7 ft-lb)			
Inner seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)			
Outer seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)			