

## GROUP 52A

## INTERIOR

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

**WARNING**

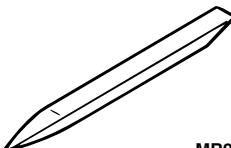
- (1) Improper service or maintenance of any component of the SRS, or any SRS-related component, can lead to personal injury or death to service personnel (from inadvertent firing of the air bag) or to the driver (from rendering the SRS inoperative).
- (2) Service or maintenance of any SRS component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

## NOTE

The SRS includes the following components: front impact sensors, side impact sensors, SRS-ECU, SRS warning lamp, 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 (\*).

## SPECIAL TOOL

M1521000600264

Tool	Tool number	Name	Use
 MB990784	MB990784	Ornament remover	Removal of switch, trim, etc.

## INSTRUMENT PANEL ASSEMBLY

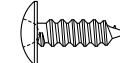
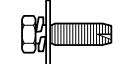
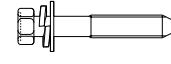
## REMOVAL AND INSTALLATION

M1521001700394

**⚠ WARNING**

**For removal and installation of the passenger's side air bag module, always observe the service procedures described in GROUP 52B, Air Bag Module and Clock Spring P.52B-141.**

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."

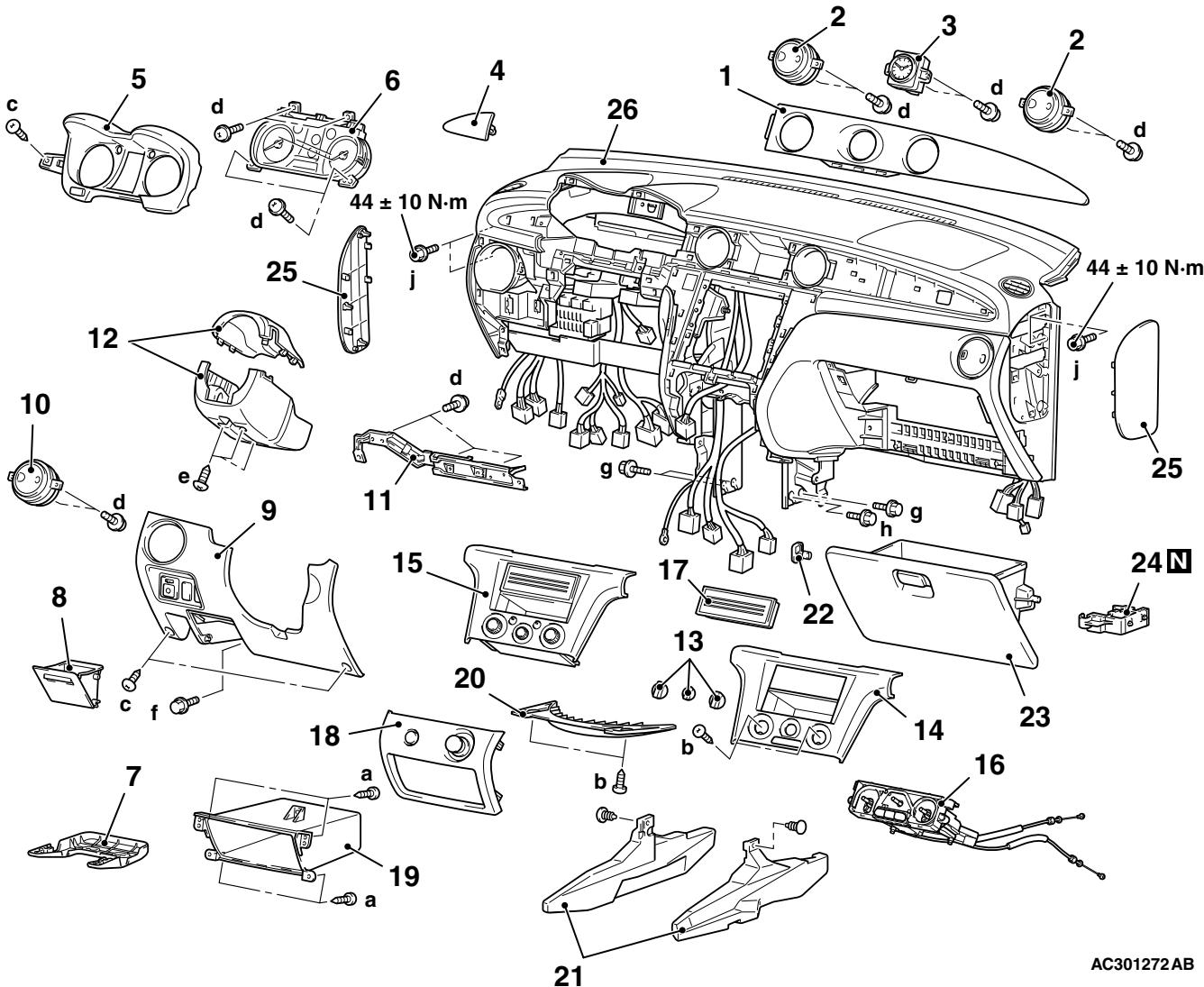
Name	Symbol	Size (D × L) mm	Colour	Shape
Tapping screw	a	5 × 12	-	 AC104450
	b	5 × 16	-	
	c	5 × 16	Black	
	d	5 × 12	-	
	e	5 × 20	-	
Washer assembly bolt	f	6 × 16	-	 AC104417
	g	6 × 16	-	
	h	6 × 16 (Earth)	-	
	i	8 × 20	-	
	j	10 × 60	-	 AC200304

**CAUTION**

- Refer to GROUP 52B-SRS Service Precautions [P.52B-3](#) and Air bag Module and Clock Spring [P.52B-141](#) 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 Floor Console (Refer to [P.52A-8](#)).
- Removal and Installation of Steering Wheel and Air Bag Module Assembly (Refer to [P.37-13](#)).



AC301272AB

**Removal steps**

1. Instrument panel clock garnish
2. Instrument panel air outlet (centre)
3. Clock
4. Instrument panel driver's side garnish
5. Meter bezel
6. Combination meter
7. Junction block cover
- Hood lock release handle (Refer to [P.42-4](#)).
8. Instrument panel parcel box

**Removal steps (Continued)**

- Floor harness (RH) and junction block connection
9. Instrument lower panel
10. Instrument panel air outlet (LH)
11. Instrument lower panel bracket
12. Column cover
- Air mix door cable, blow vent changeover damper cable connection (Refer to [P.55A-57](#)).
13. Knob
14. Centre panel
15. Centre panel assembly

<<A>>

<<A>>

>>A<<

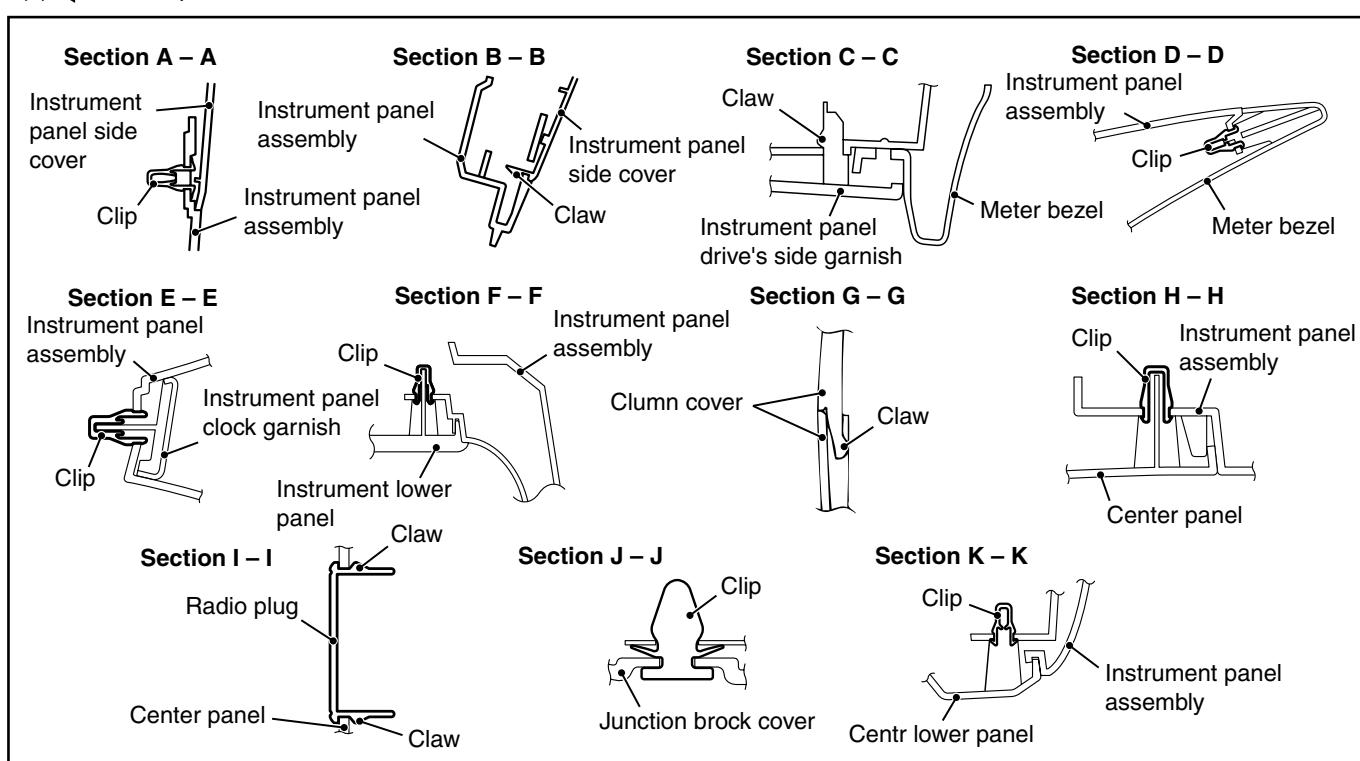
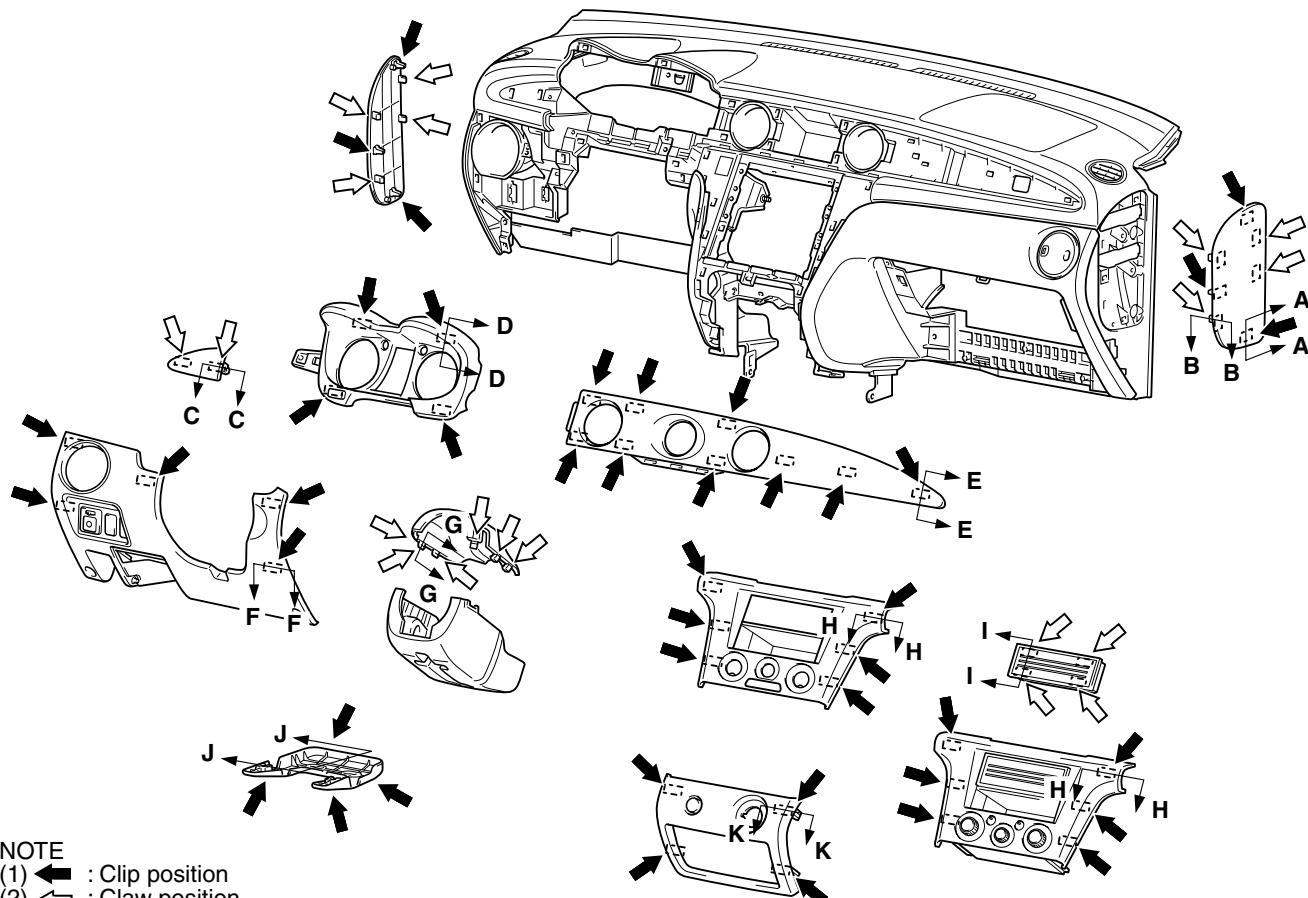
**Removal steps (Continued)**

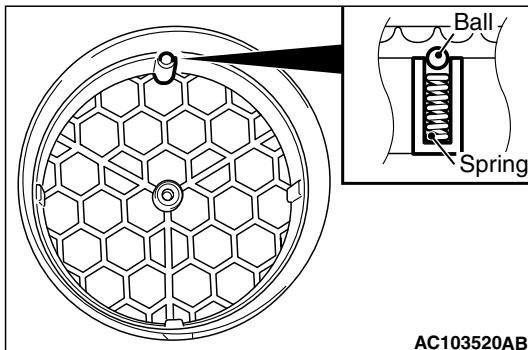
16. Manual air conditioner control panel
17. Radio plug
18. Centre lower panel
19. Centre lower box
20. Centre lower cover
  - Front scuff plate, cowl side trim  
(Refer to [P.52A-10](#)).
21. Back bone spacer
22. Glove box stopper
23. Glove box
24. Connector block

**Removal steps (Continued)**

25. Instrument panel side cover
  - Roof harness connection
  - Instrument panel harness earth connection
  - Instrument panel and body harness connection
  - Steering shaft harness connector and clamp
  - Stop lamp switch harness connector (Refer to [P.35A-12](#)).
  - SRS-ECU harness connector (Refer to [P.52B-140](#)).
  - Shift lock cable clamp
  - Steering shaft installation bolt (Refer to [P.37-15](#)).
26. Instrument panel assembly

CLIP AND CLAW POSITIONS



**REMOVAL SERVICE POINT****<<A>> INSTRUMENT PANEL AIR OUTLET  
REMOVAL**

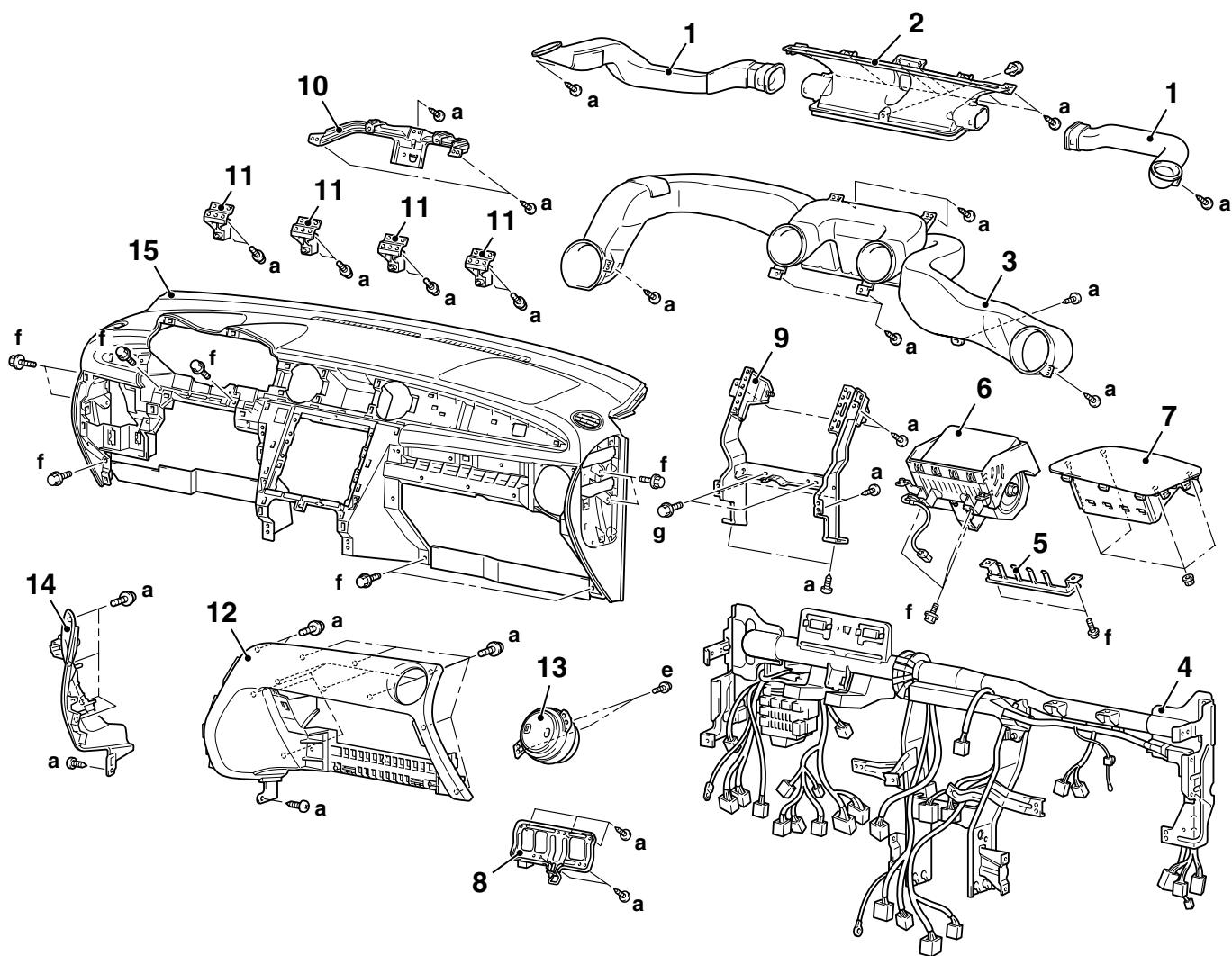
The instrument panel air outlet may remain on the instrument panel side when disassembling the lower panel of the instrument panel and the instrument panel garnish. Carefully disassemble the parts remaining on the instrument panel side to prevent the ball and spring from falling. Assemble the ball and spring according to the figure to the left if they fall off.

**INSTALLATION SERVICE****>>A<< CENTRE PANEL ASSEMBLY  
INSTALLATION**

Air mix door cable and blow vent changeover damper cable connection (Refer to [P.55A-57](#)).

**DISASSEMBLY AND REASSEMBLY**

M1521001900321



AC212544AB

**Disassembly steps**

1. Side defroster duct
2. Defroster nozzle assembly
3. Distribution duct
4. Front deck crossmember
5. Passenger's side air bag module bracket
6. Passenger's side air bag module
7. Passenger's side air bag module cover
8. Glove box striker

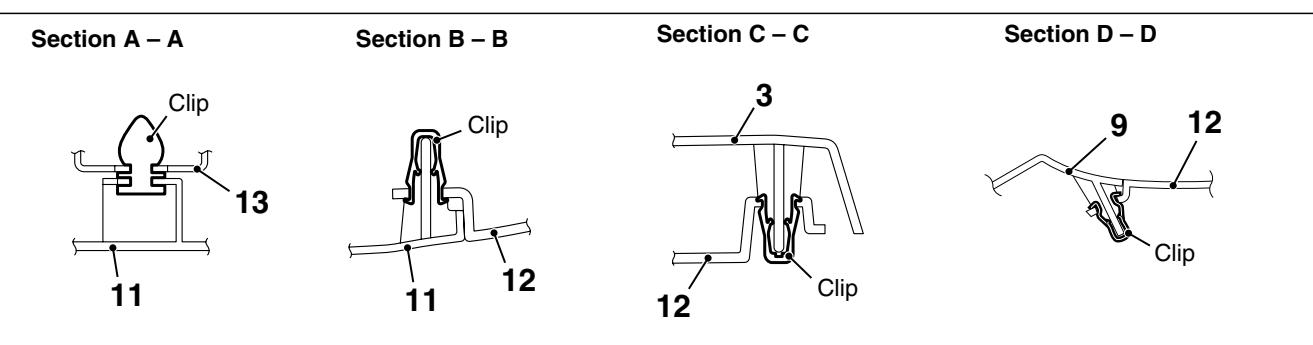
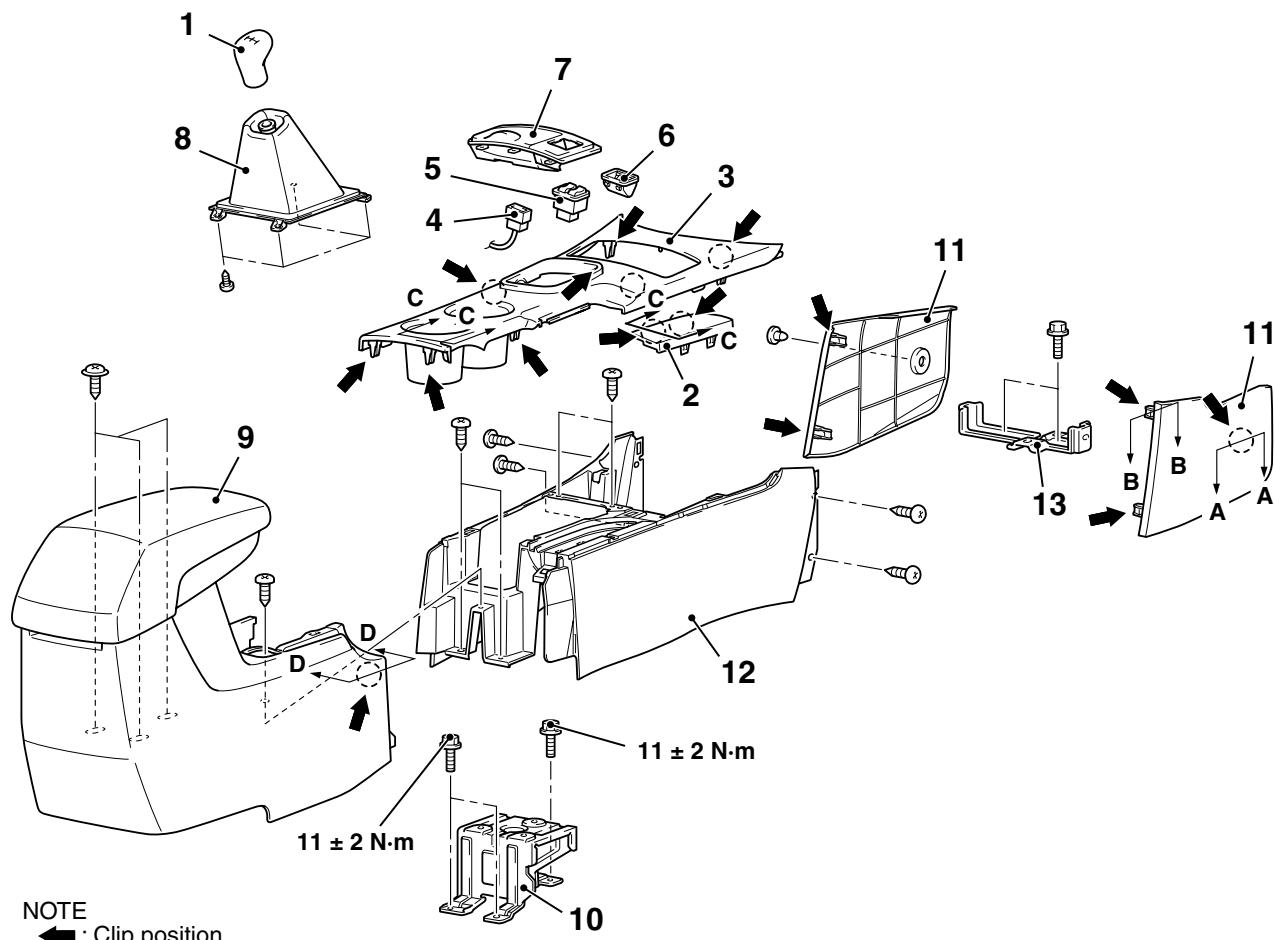
**Disassembly steps (Continued)**

9. Instrument panel reinforcement
10. Meter bracket
11. Instrument panel holder
12. Instrument panel under cover passenger's side
13. Side air outlet assembly (RH)
14. Centre cover driver's side
- Instrument panel harness connector clamp
15. Instrument panel

## FLOOR CONSOLE ASSEMBLY

## REMOVAL AND INSTALLATION

M1521002200295



AC301787AB

## Removal steps

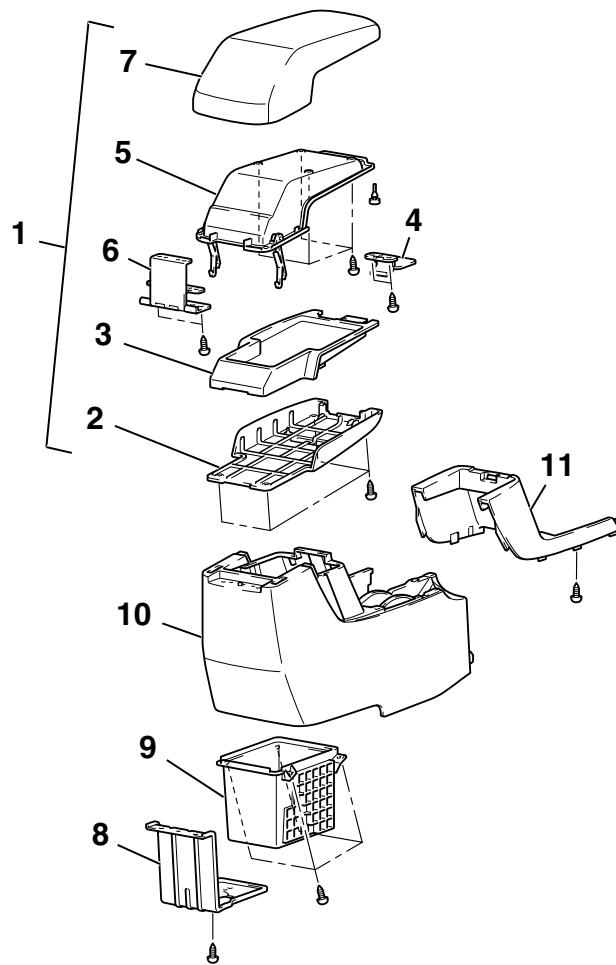
1. Shift knob
2. Floor console panel cover
3. Front floor console panel
4. Harness connector <Vehicles with heated seat>
5. Heated seat switch <Vehicles with heated seat>
6. Coin holder

## Removal steps (Continued)

7. Ashtray
8. Shift lever cover
9. Rear floor console assembly
10. Rear floor console bracket
11. Front floor console lower side cover
12. Front floor console
13. Front floor console bracket

## DISASSEMBLY AND REASSEMBLY

M1521002400103



AC106397AH

### Disassembly steps

1. Lid assembly
2. Tray outer
3. Tray inner
4. Lock knob
5. Lid inner
6. Hinge assembly

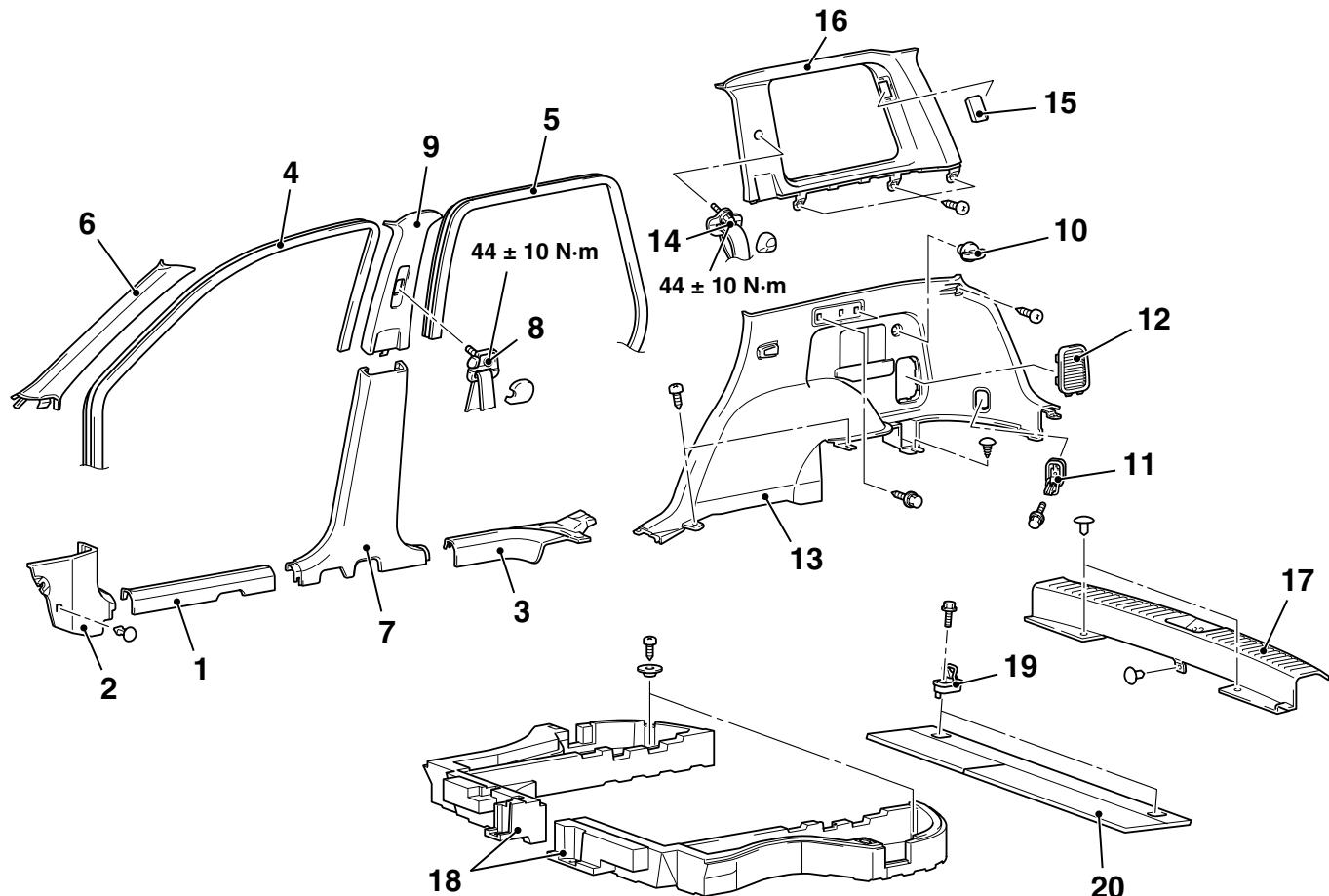
### Disassembly steps (Continued)

7. Lid cover
8. Hinge support bracket
9. Rear console box
10. Rear console
11. Rear console panel

## TRIMS

## REMOVAL AND INSTALLATION

M1521001100381

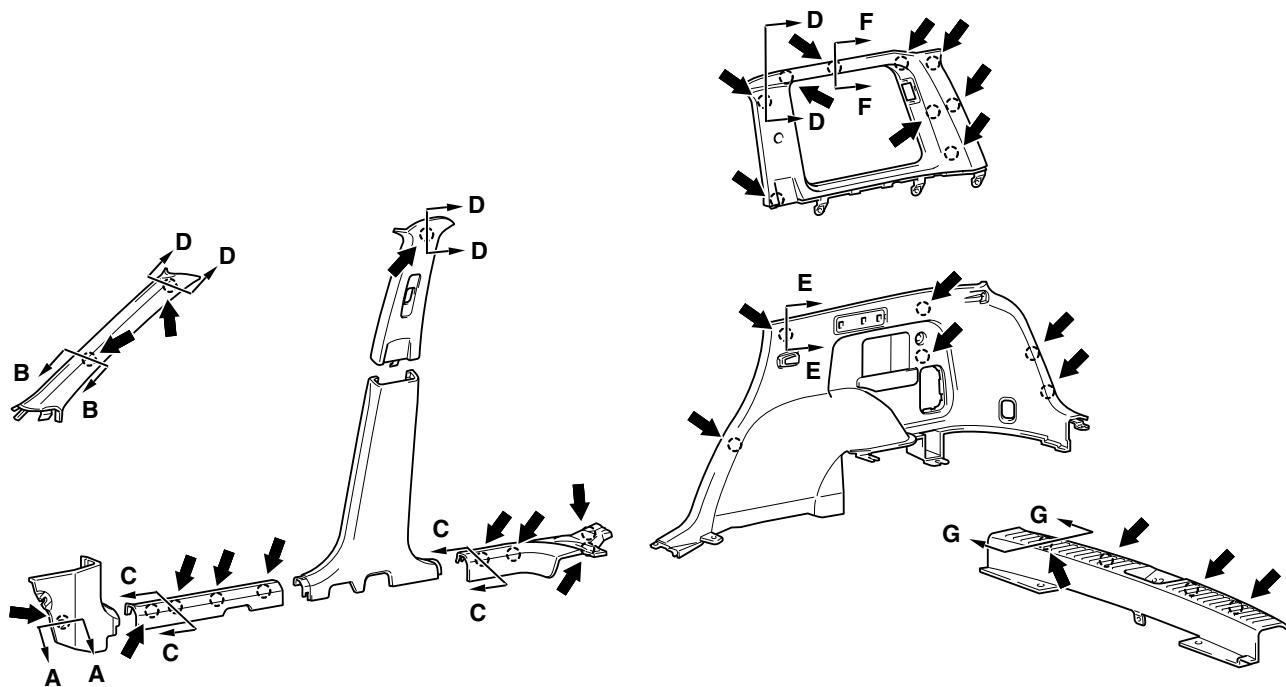


AC301338AB

&lt;&lt;A&gt;&gt;

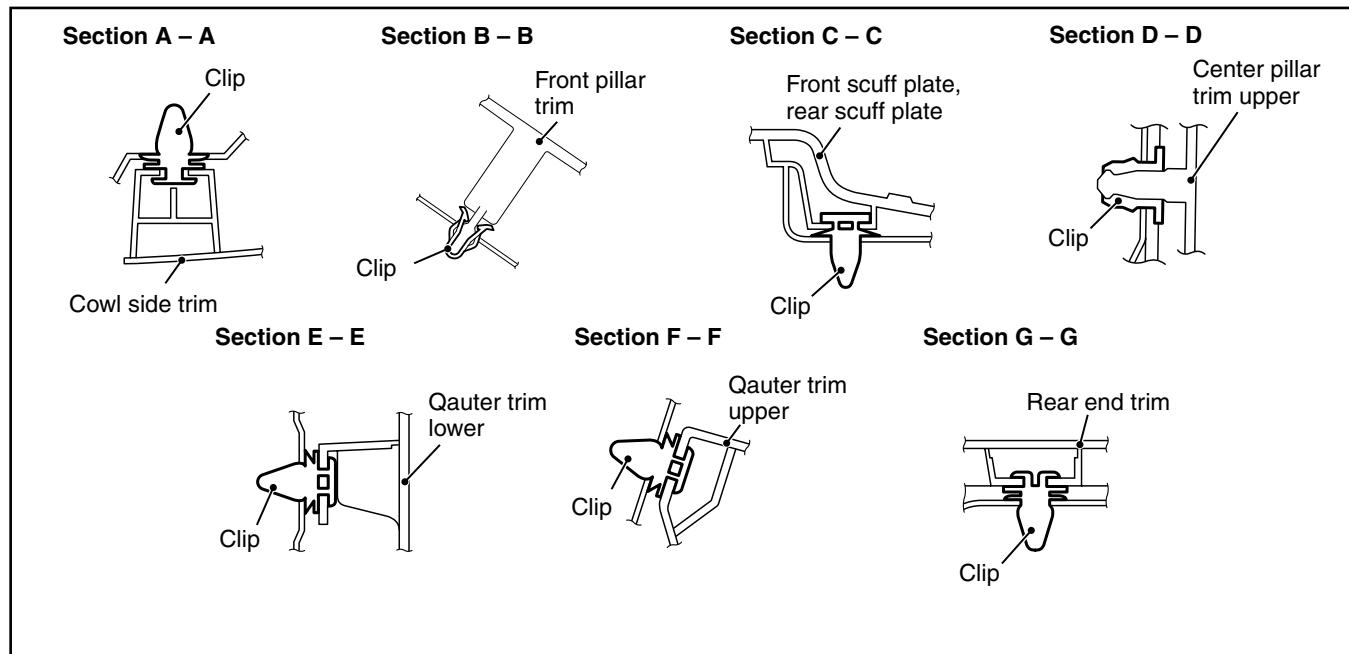
1. Front scuff plate	10. Convenience hook
2. Cowl side trim	11. Parcel strap hook A
• Rear seat cushion assembly (Refer to <a href="#">P.52A-25</a> ).	12. Ventilation cap
3. Rear scuff plate	13. Quarter trim lower
4. Front door opening trim	14. Rear seat belt shoulder anchor bolt
5. Rear door opening trim	15. Quarter trim upper cap
6. Front pillar trim	16. Quarter trim upper
7. Centre pillar trim lower	17. Rear end trim
8. Front seat belt shoulder anchor bolt	18. Luggage floor box
9. Centre pillar trim upper	19. Parcel strap hook B
	20. Rear seat board

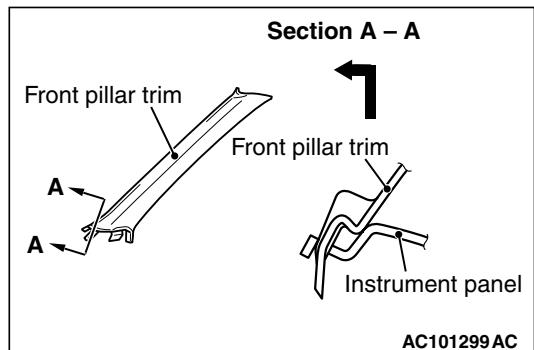
## CLIP AND CLAW POSITION



## NOTE

← : Clip position



**REMOVAL SERVICE POINT****<<A>> FRONT PILLAR TRIM REMOVAL**

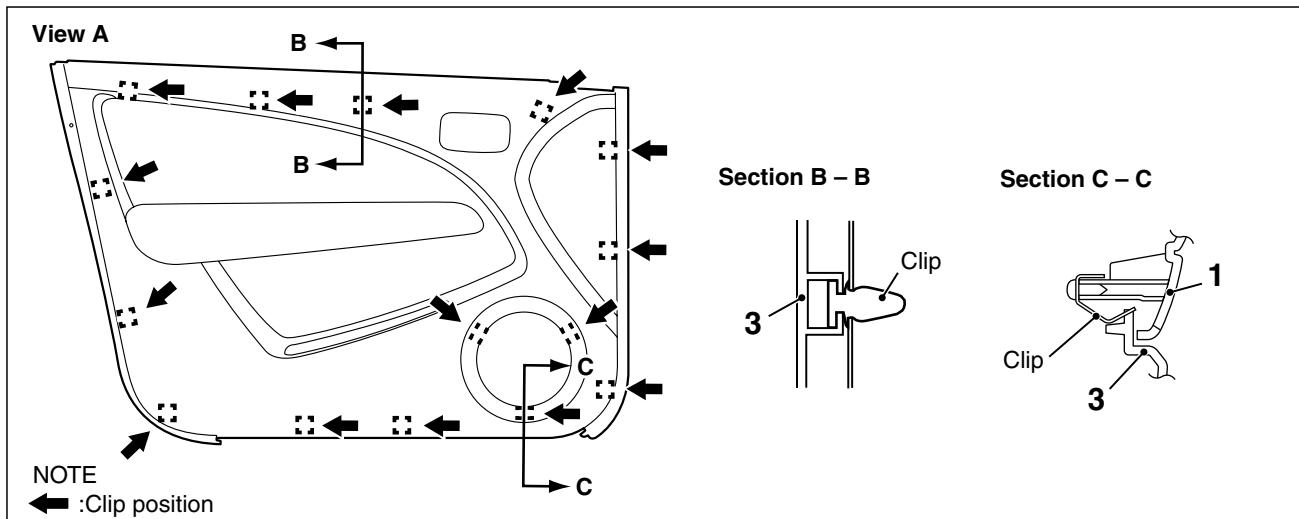
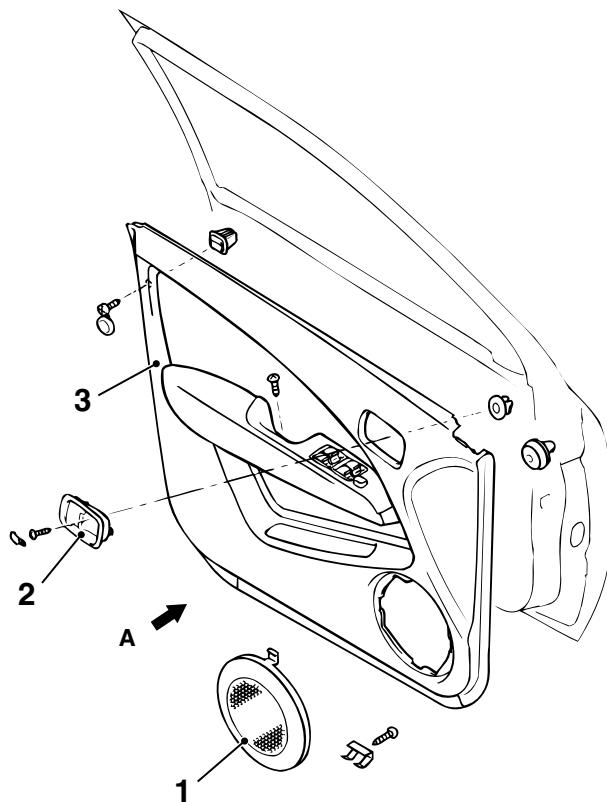
Unclip the front pillar trim and slide out it in the direction shown.

## DOOR TRIM

## REMOVAL AND INSTALLATION

M1521006400116

&lt;Front door trim&gt;



&lt;&lt;A&gt;&gt;

**Removal steps**

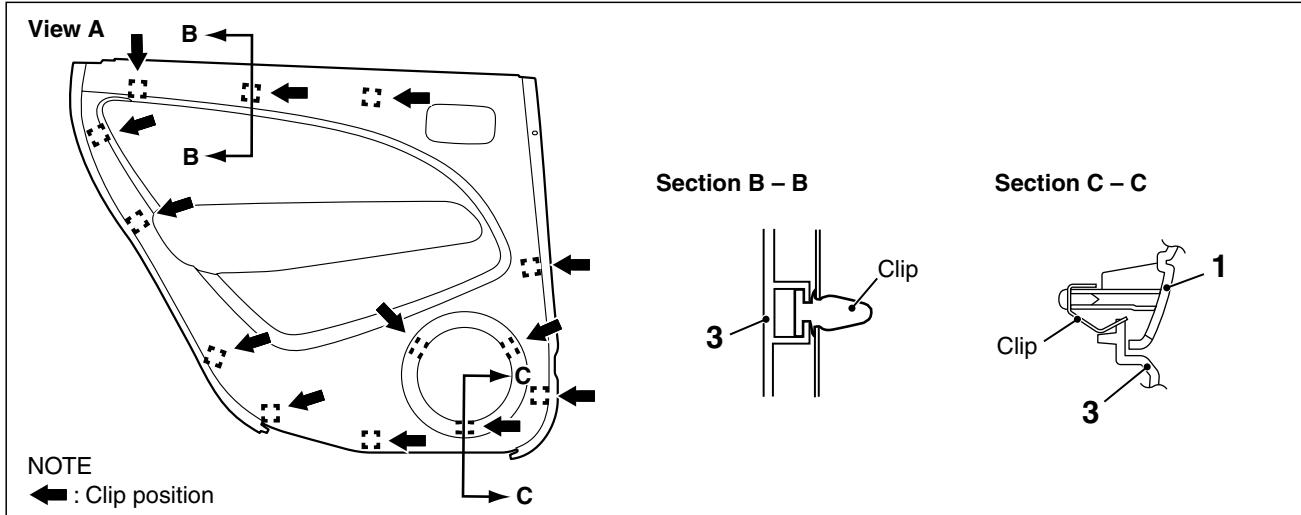
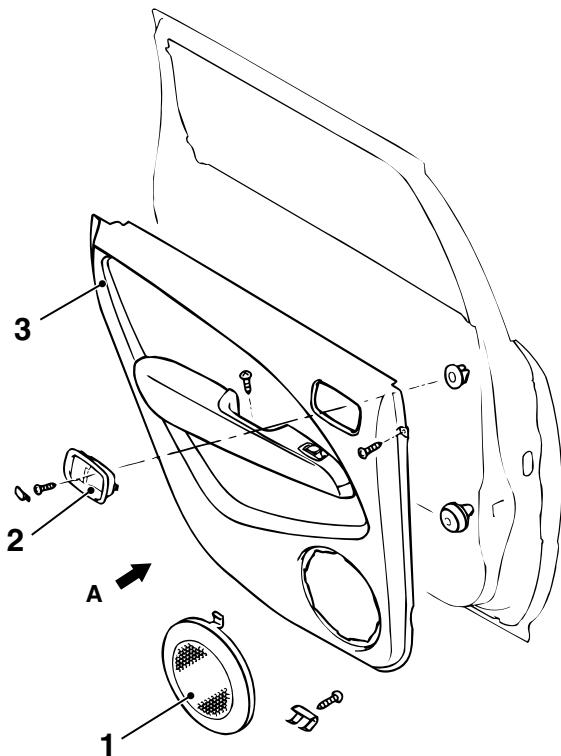
1. Speaker garnish
2. Door inside handle cover

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**Removal steps (Continued)**

- Delta cover (Refer to P.51-52).
- 3. Door trim assembly

&lt;Rear door trim&gt;



**Removal steps**

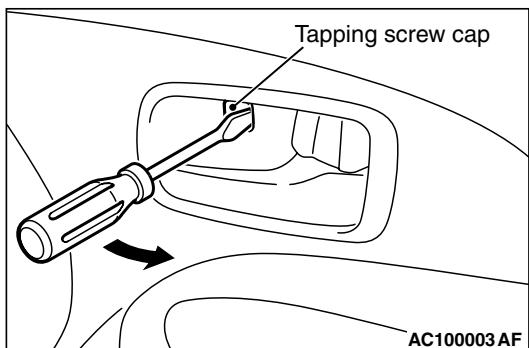
1. Speaker garnish

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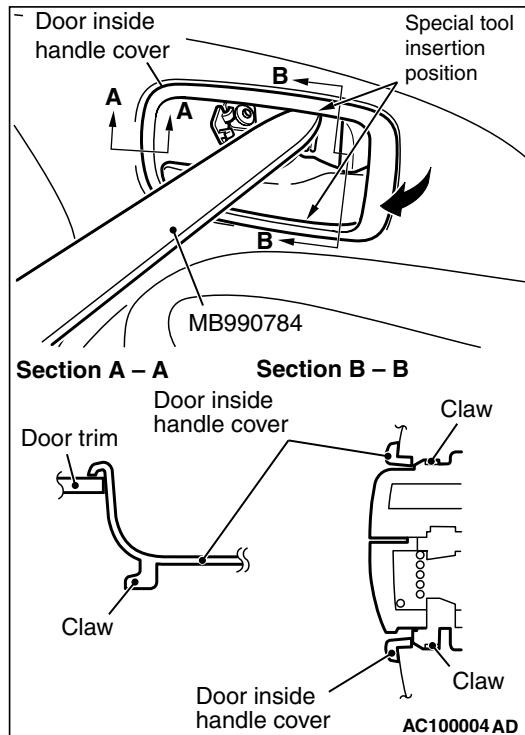
**Removal steps (Continued)**

2. Door inside handle cover
3. Door trim assembly

AC106406AB

**REMOVAL SERVICE POINT****<<A>> DOOR INSIDE HANDLE COVER REMOVAL**

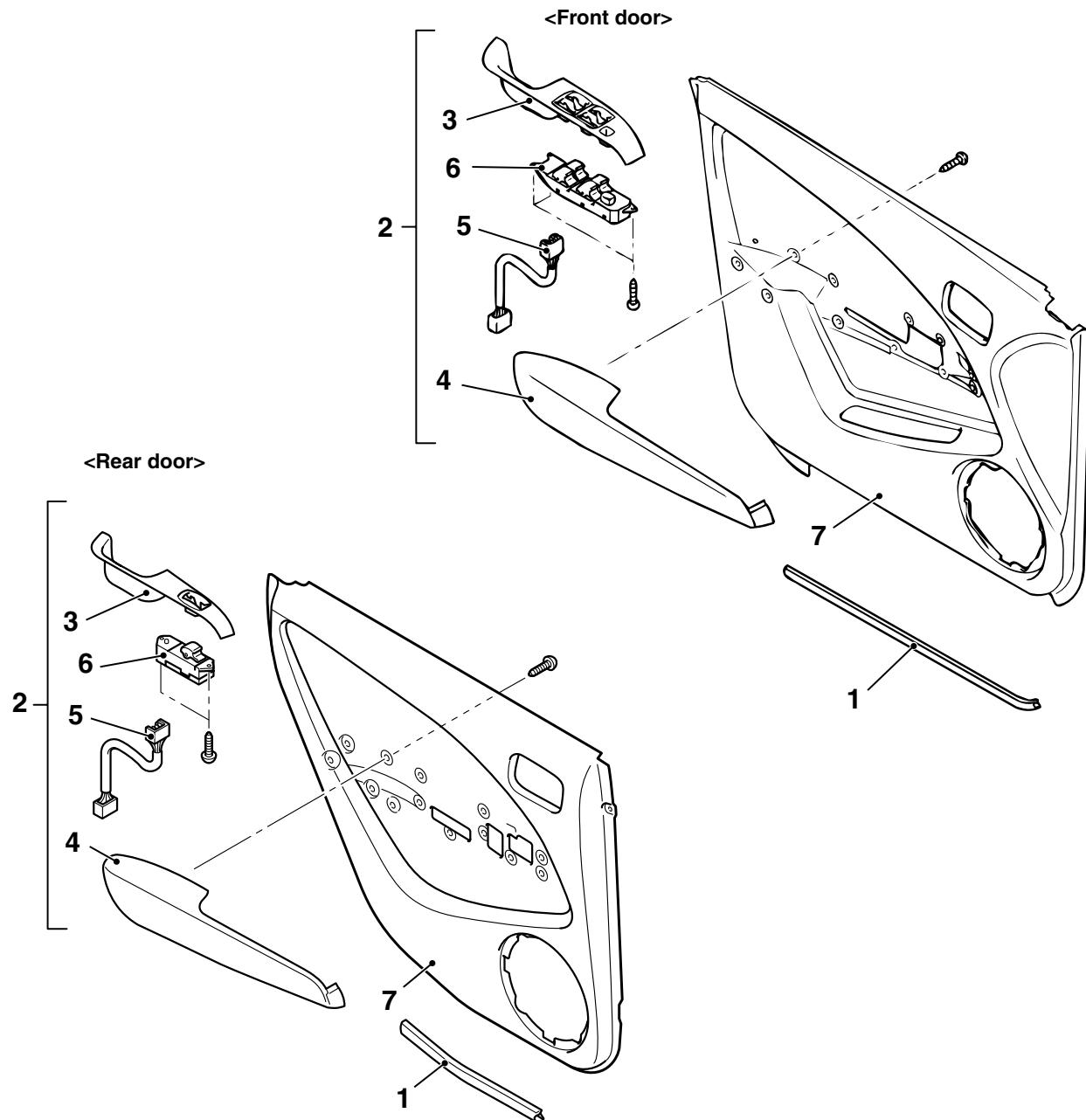
1. Insert a flat-tipped screwdriver into the back end of the tapping screw cap of the door inside handle cover.
2. Try the screwdriver in the direction of the arrow. Remove the cap, then remove the tapping screw.



3. Insert the special tool ornament remover (MB990784) in the gap between the door inside handle cover and door inside handle in the area shown. Then remove the thumb clamp of the door inside handle cover and door inside handle.
4. Insert a special tool from the back end of the door inside handle cover to lift it in the direction of the arrow. Then remove the door inside handle cover.

## DISASSEMBLY AND REASSEMBLY

M1521006900081



AC212484 AB

**Disassembly steps**

1. Door weather-strip
2. Arm rest assembly
3. Power window switch panel assembly
4. Arm rest

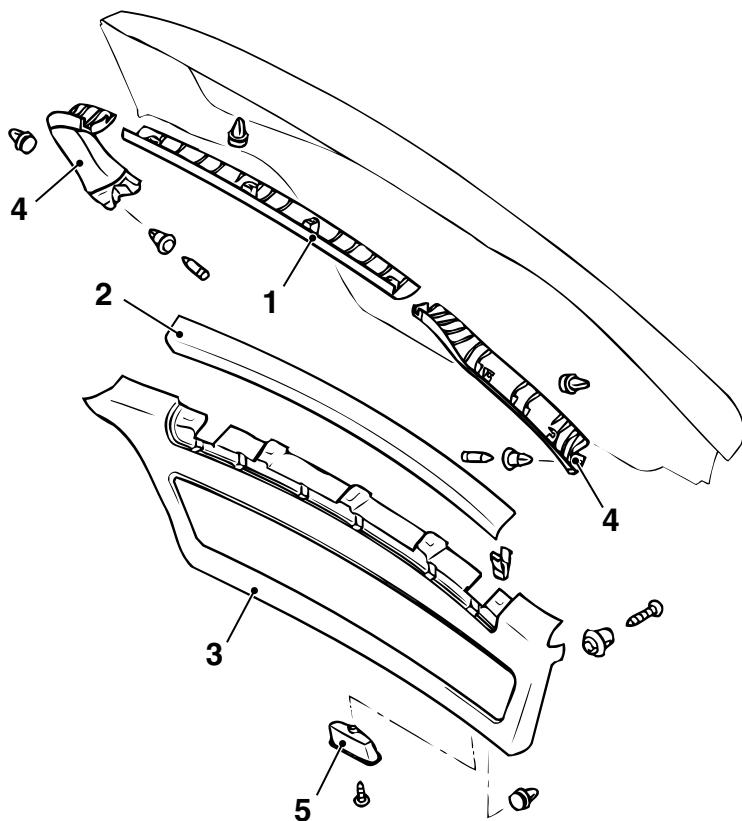
**Disassembly steps (Continued)**

5. Door harness
6. Power window switch
7. Door trim

## TAILGATE TRIM

## REMOVAL AND INSTALLATION

M1521006500094



AC102381AC

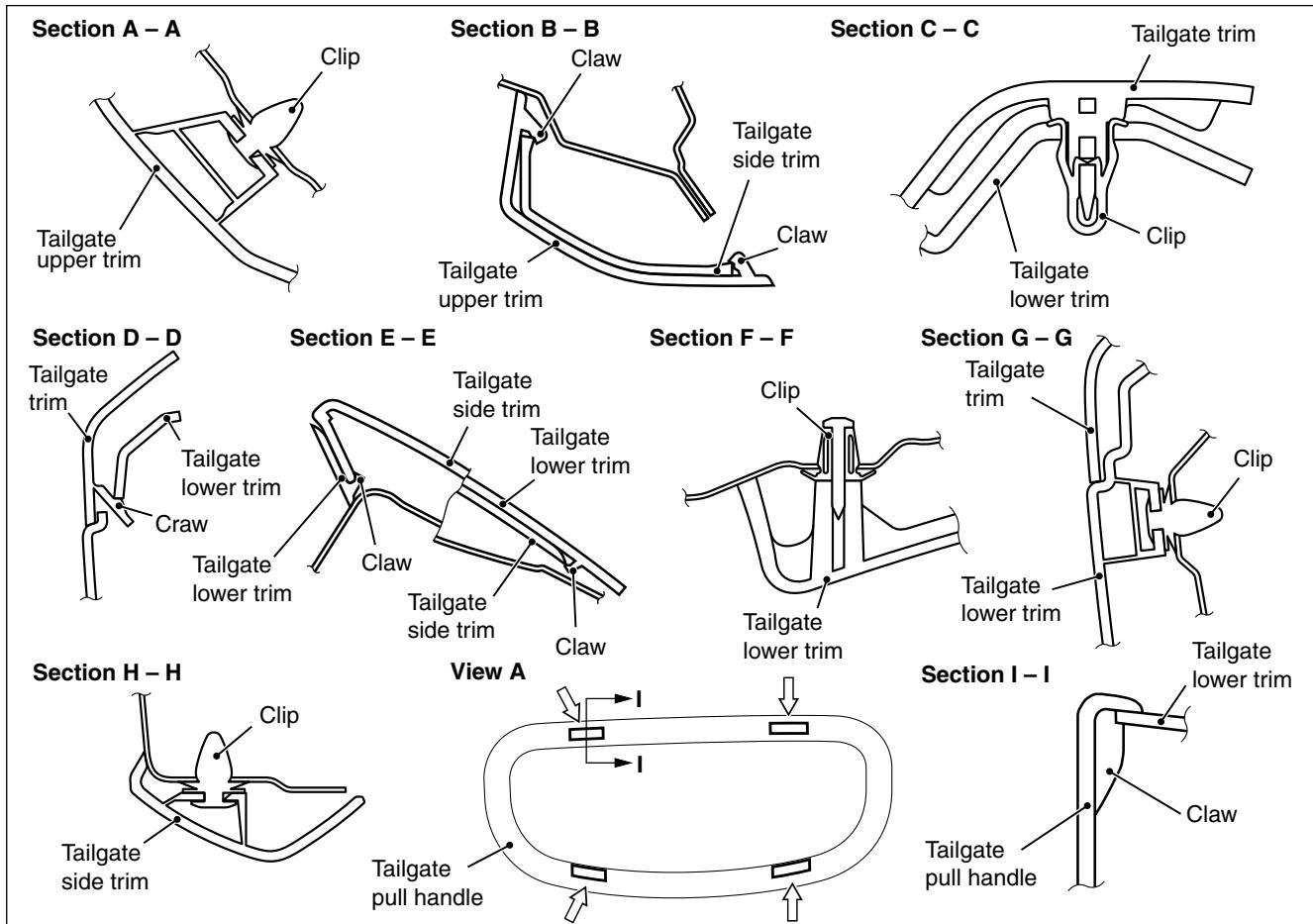
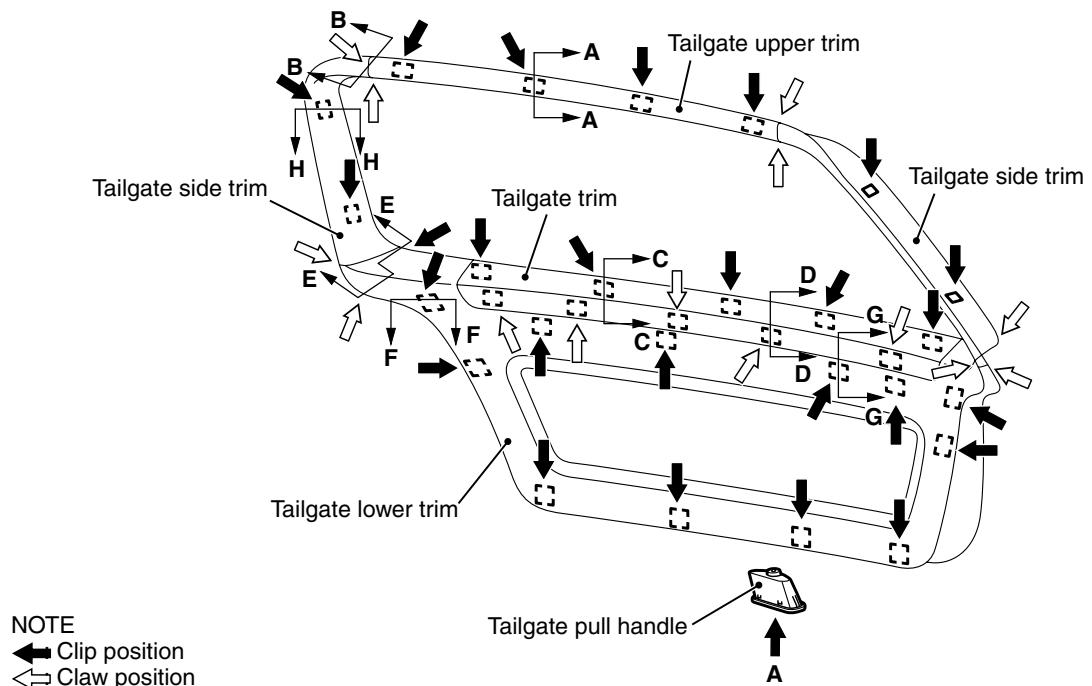
**Removal steps**

1. Tailgate upper trim
2. Tailgate trim
3. Tailgate lower trim

**Removal steps (Continued)**

4. Tailgate side trim
5. Tailgate pull handle

## CLIP AND CLAW POSITION



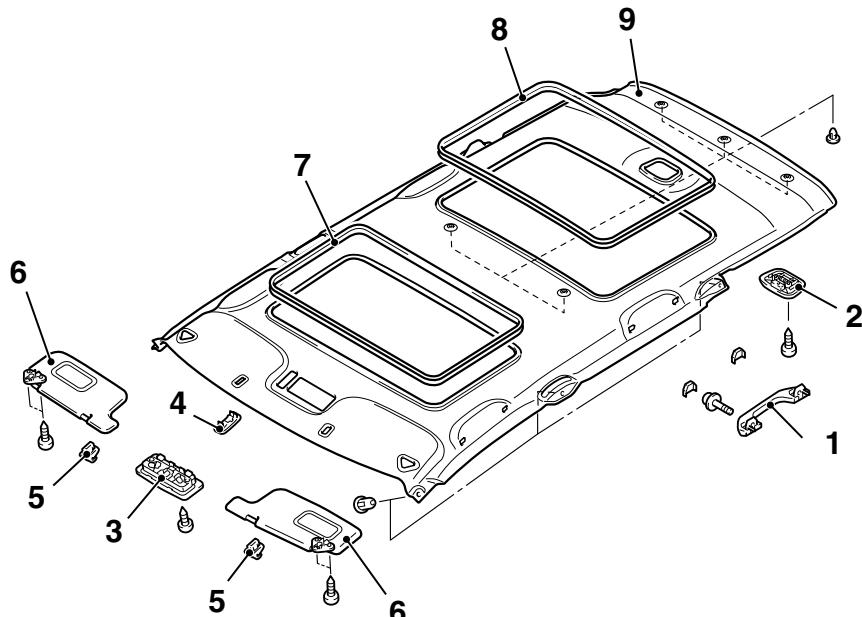
# HEADLINING

## REMOVAL AND INSTALLATION

M1521001400304

**Pre-removal and Post-installation Operation**

- Removal and Installation of Front Pillar Trim, Centre Pillar Trim Upper, Quarter Trim Upper (Refer to [P.52A-10](#)).



AC301290AB

**Removal steps**

1. Assist grip
2. Rear room lamp assembly
3. Front room lamp/map lamp assembly
4. Sun roof switch cover <Vehicles with sun roof>
5. Sun visor holder

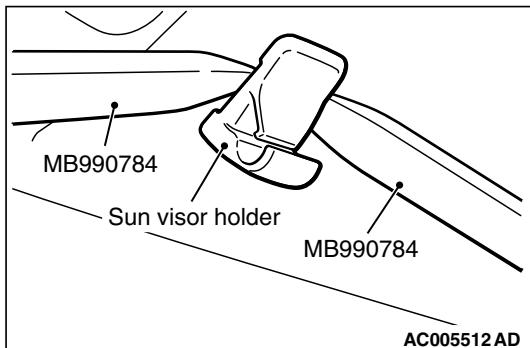
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**Removal steps (Continued)**

6. Sun visor assembly
7. Front headlining trim <Vehicles with sun roof>
8. Rear headlining trim <Vehicles with sun roof>
9. Headlining

## REMOVAL SERVICE POINT

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



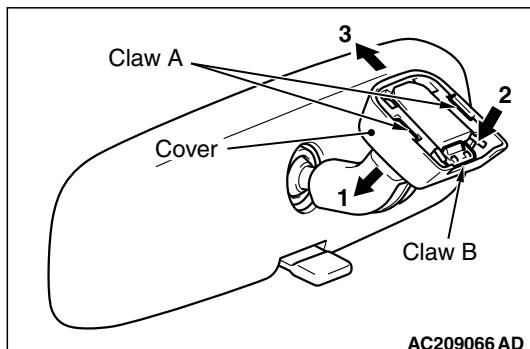
AC005512AD

Insert the special tool ornament remover (MB990784) into side claws of the sun visor holder through the both sides to remove the hinges.

## INSIDE REAR VIEW MIRROR

M1521002600185

## REMOVAL SERVICE POINTS



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.

## FRONT SEAT ASSEMBLY

## REMOVAL AND INSTALLATION

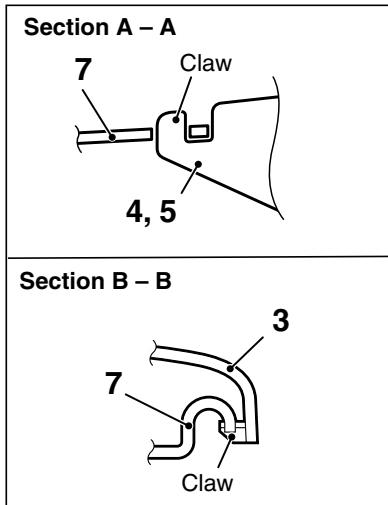
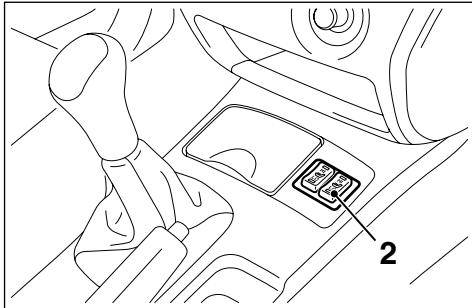
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**CAUTION**

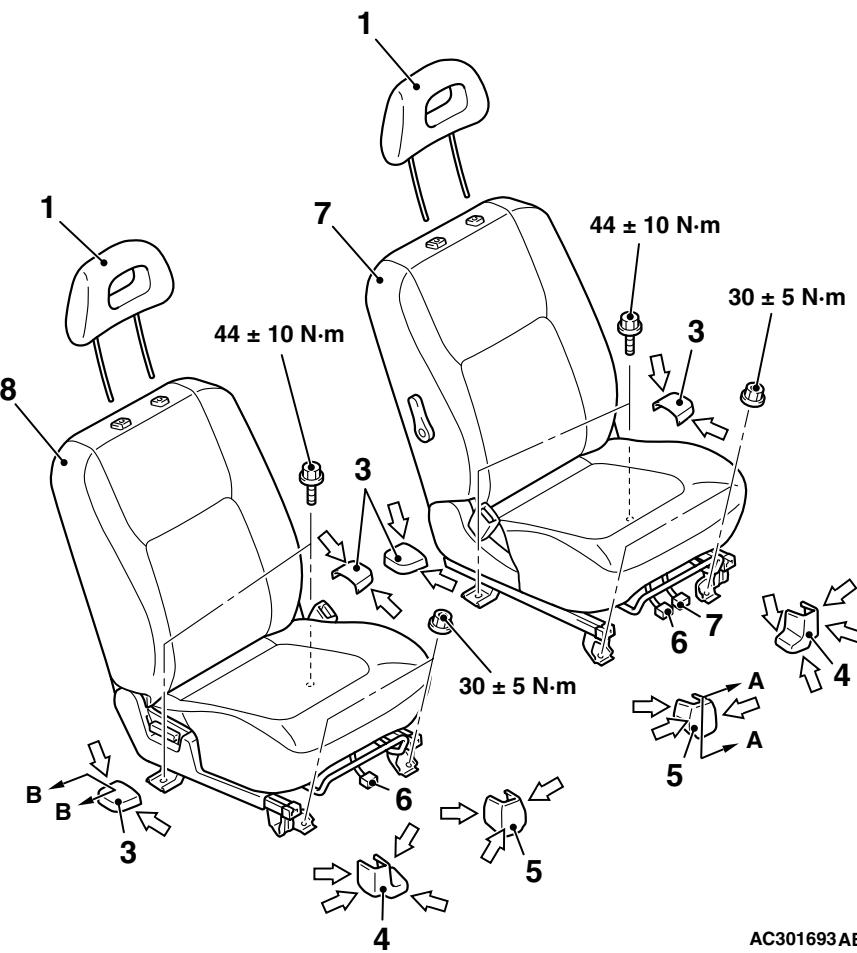
For the removal of the front seat assembly on vehicles with the side air bags, refer to GROUP 52B – Service Precautions (Refer to [P.52B-3](#)) and Air Bag Module and Clock Spring (Refer to [P.52B-141](#)).

## Pre-removal and Post-installation Operation

- Removal and Installation of Rear Floor Console Assembly (Refer to [P.52A-8](#)).



NOTE  
← : Claw position



AC301693AB

1. Headrest
2. Heated seat switch <Vehicles with heated seat>
3. Front seat anchor cover
4. Seat anchor cover outer
5. Seat anchor cover inner

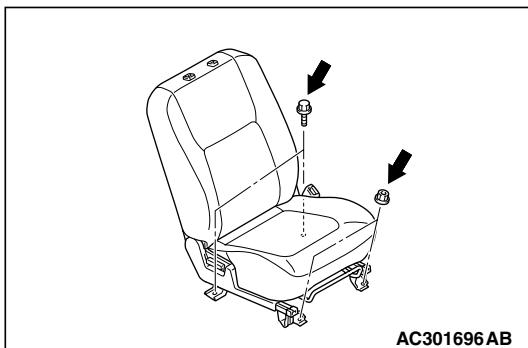
**Front seat assembly removal steps**

- Front seat assembly removal steps
- Front seat assembly removal steps (Continued)

6. Harness connector <Vehicles with side-air bag>
7. Harness connector <Vehicles with heated seat>
- >>A<< 8. Front seat assembly

## INSTALLATION SERVICE POINT

## &gt;&gt;A&lt;&lt; FRONT SEAT ASSEMBLY INSTALLATION

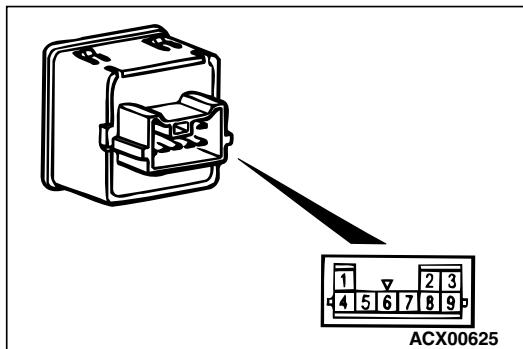


1. Temporarily tighten the nuts and bolts in all mounting locations shown in the illustration with no load applied to the front seat cushion and check the operation of the seat slide.
2. Tighten the nuts and bolts in all mounting locations to the specified torque.

## INSPECTION

## HEATED SEAT SWITCH CHECK

M1522005500061



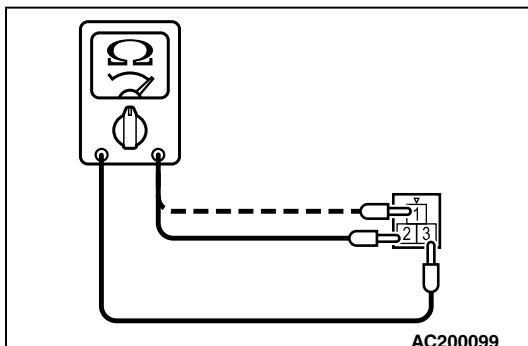
1. Check for continuity between terminals.

Switch position		Tester connection	Specified condition
Driver's seat side	HI	1 - 3, 1 - 5, 1 - 8, 3 - 5, 3 - 8, 5 - 8	Less than 2 ohms
	OFF	1 - 3, 1 - 5, 1 - 8, 3 - 5, 3 - 8, 5 - 8	Open circuit
	LO	3 - 5, 3 - 8, 5 - 8	Less than 2 ohms
Front passenger's seat side	HI	4 - 5, 4 - 8, 4 - 9, 5 - 8, 5 - 9, 8 - 9	Less than 2 ohms
	OFF	4 - 5, 4 - 8, 4 - 9, 5 - 8, 5 - 9, 8 - 9	Open circuit
	LO	5 - 8, 5 - 9, 8 - 9	Less than 2 ohms

2. Check that the indicator is lighted at HI or LO when battery voltage is supplied to terminal 5, and terminal 8 is grounded.

3. Check that indicator is lighted when battery voltage is supplied to terminals 2 and 6.

## SEAT CUSHION HEATER CHECK

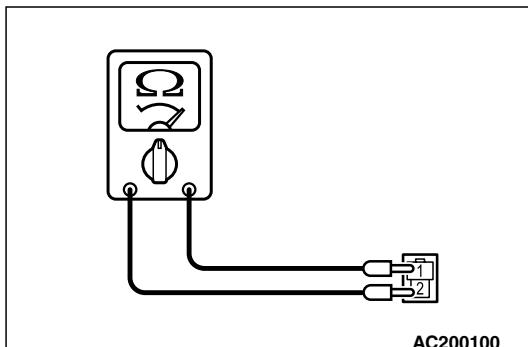


Measure the resistance between terminals.

## Standard value:

Measured terminals	Resistance value	Note
2 – 3	Approximately $4.8 \Omega \pm 10\%$	At room temperature 20 °C
1 – 3	$5.2 \Omega \pm 10\%$	

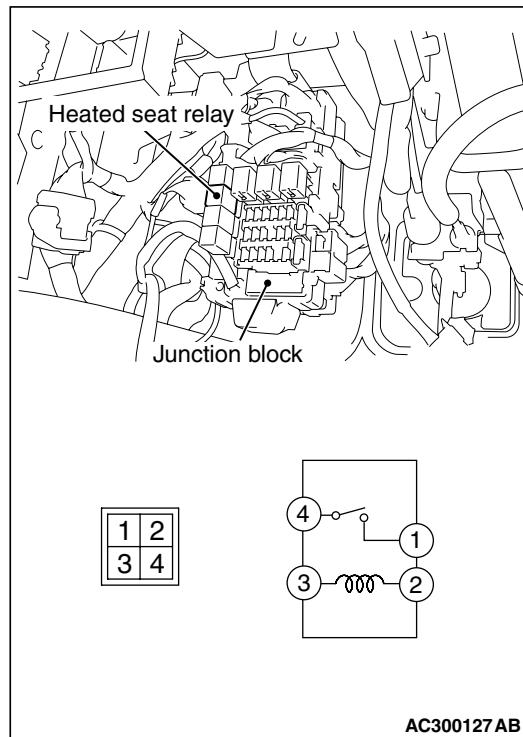
## SEATBACK HEATER CHECK



Measure the resistance between terminals.

**Standard value: Approximately  $4.8 \Omega \pm 10\%$**   
(At room temperature 20 °C)

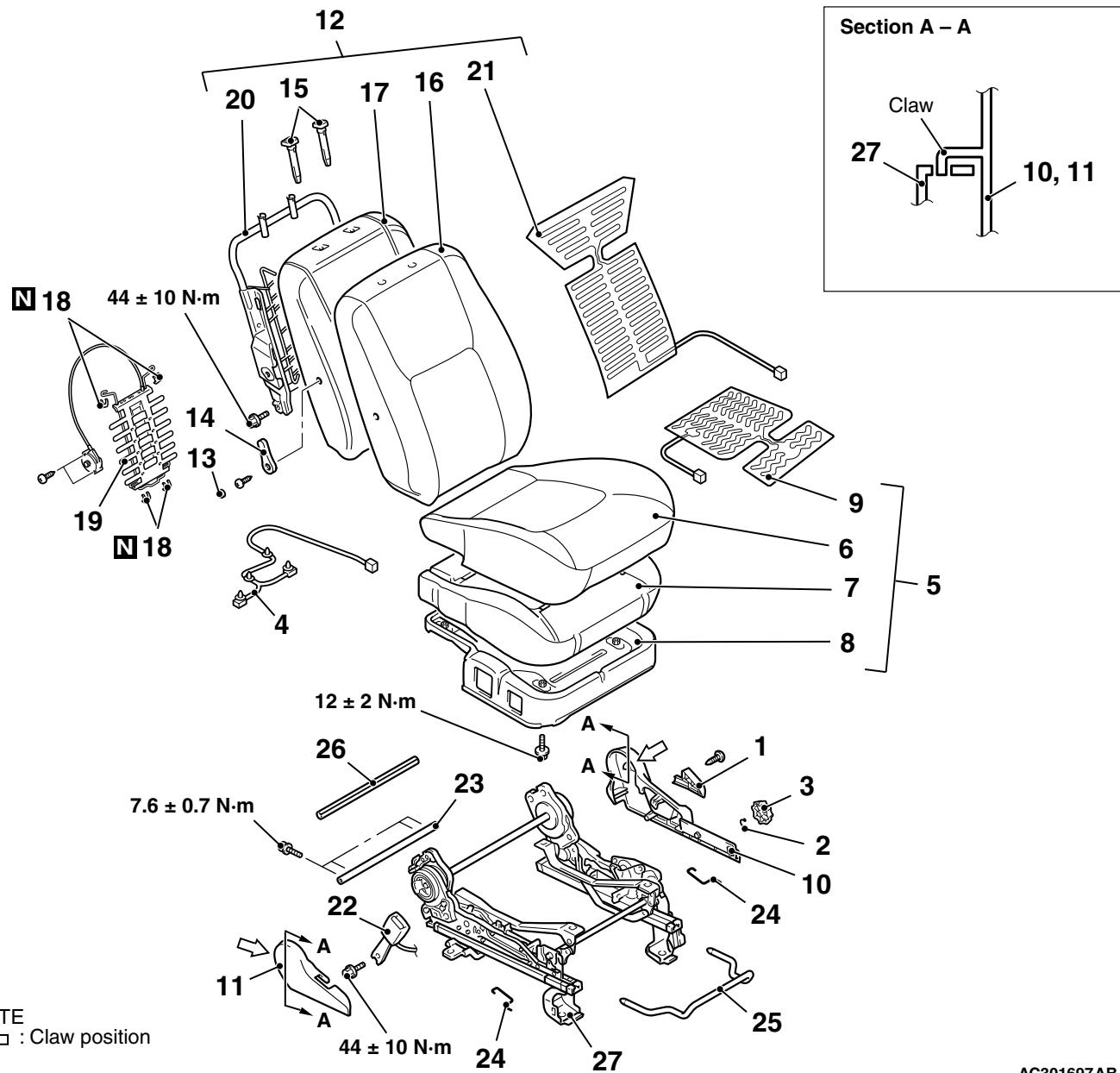
## HEATED SEAT RELAY CONTINUITY CHECK



Battery voltage	Tester connection	Specified condition
Not applied	1 - 4	Open circuit
<ul style="list-style-type: none"> <li>Connect terminal 3 to the positive battery terminal</li> <li>Connect terminal 2 to the negative battery terminal</li> </ul>	1 - 4	Less than 2 ohms

## DISASSEMBLY AND REASSEMBLY

M1522001500393



**NOTE**  
← : Claw position

## Disassembly steps

1. Reclining knob
2. Pin
3. Height adjuster knob
4. Heater harness assembly  
<Vehicles with heated seat>
5. Front seat cushion assembly
6. Front seat cushion cover
7. Front seat cushion pad
8. Front seat cushion frame
9. Seat cushion heater <Vehicles with heated seat>
10. Reclining cover
11. Shield cover
12. Front seatback assembly
13. Lumbar support cap

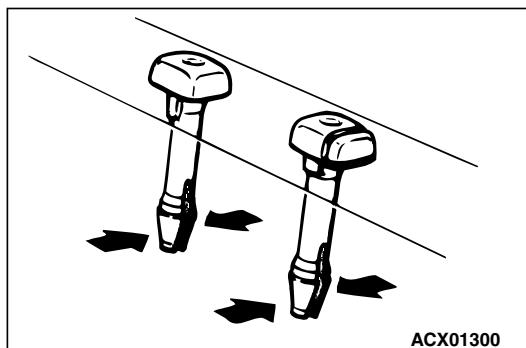
<<A>>

## Disassembly steps (Continued)

14. Lumbar support lever
15. Headrest guide
16. Front seatback cover
17. Front seatback pad
18. Lumber support clip
19. Lumber support
20. Front seatback frame
21. Seatback heater <Vehicles with heated seat>
22. Inner seat belt
23. Shaft
24. Pin
25. Slide handle
26. Shaft protector
27. Seat slide adjuster

## REMOVAL SERVISE POINT

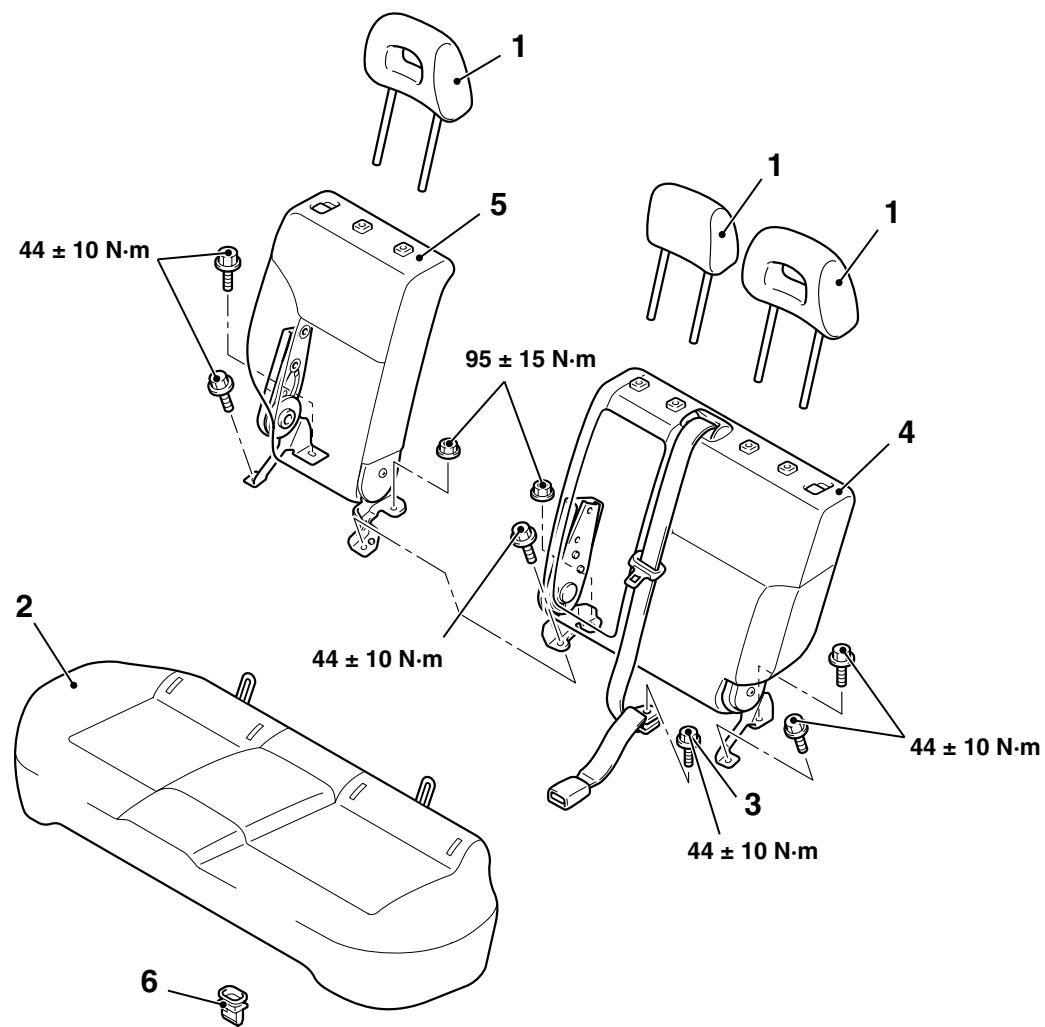
## &lt;&lt;A&gt; HEADREST GUIDE REMOVAL



## REAR SEAT ASSEMBLY

## REMOVAL AND INSTALLATION

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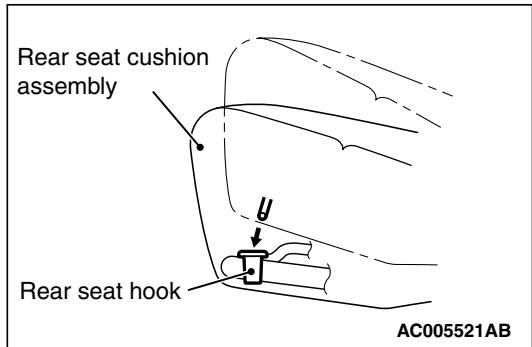
1. Headrest

**Removal steps**

>>A<< 2. Rear seat cushion assembly  
3. Inner seat belt and centre seat belt  
installation bolt

**Removal steps (Continued)**

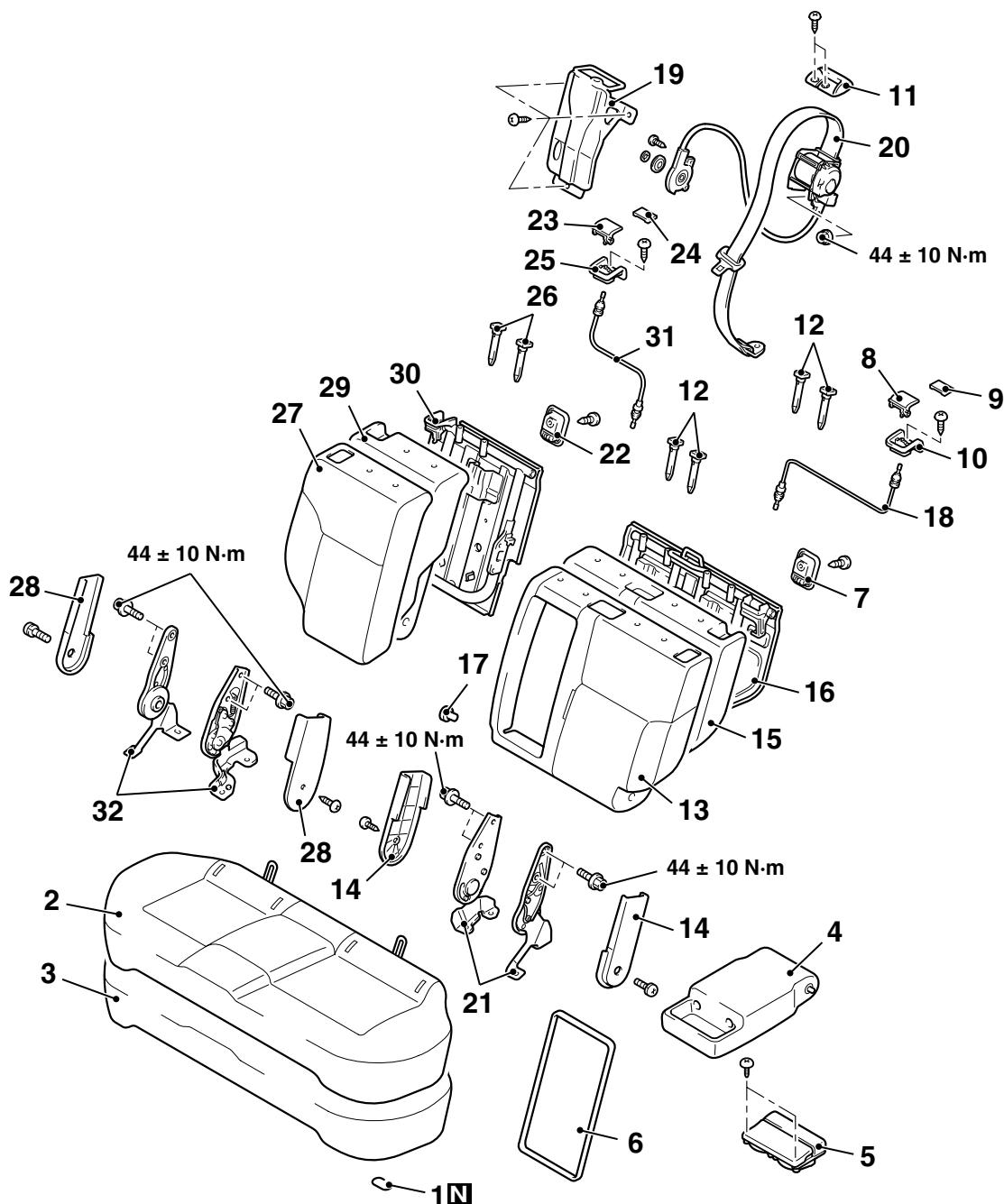
4. Rear seatback assembly (LH)
5. Rear seatback assembly (RH)
6. Rear seat hook

**INSTALLATION SERVICE POINT****>>A<< REAR SEAT CUSHION ASSEMBLY  
INSTALLATION**

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

DISASSEMBLY AND REASSEMBLY

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**Rear seat cushion disassembly steps**

- Hog ring
- Rear seat cushion cover
- Rear seat cushion pad

**Rear seatback (LH side) disassembly steps**

- Arm rest assembly
- Arm rest cup holder
- Arm rest board
- Tether anchor garnish
- Reclining knob
- Cap

<<A>>

**Rear seatback (LH side) disassembly steps (Continued)**

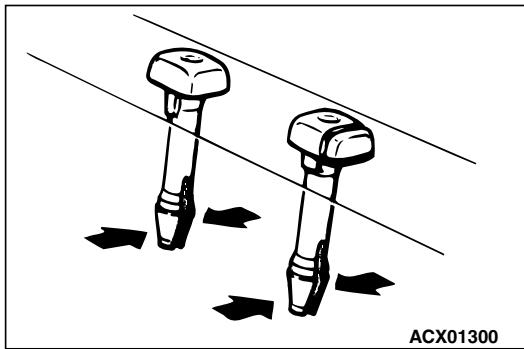
- Reclining knob garnish
- Centre seat belt garnish
- Headrest guide
- Rear seatback cover
- Reclining cover
- Rear seatback pad
- Rear seatback frame assembly
- Arm rest bushing
- Reclining cable
- Centre seat belt cover

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<p><b>Rear seatback (LH side) disassembly steps (Continued)</b></p> <p>20. Centre seat belt 21. Reclining adjuster</p> <p><b>Rear seatback (RH side) disassembly steps</b></p> <p>22. Tether anchor garnish 23. Reclining knob 24. Cap</p>	<p><b>&lt;&lt;A&gt;&gt;</b></p>	<p><b>Rear seatback (RH side) disassembly steps (Continued)</b></p> <p>25. Reclining knob garnish 26. Headrest guide 27. Rear seatback cover 28. Reclining adjuster cover 29. Rear seatback pad 30. Rear seatback frame 31. Reclining cable 32. Reclining adjuster</p>
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## REMOVAL SERVICE POINT

### <<A>> HEADREST GUIDE REMOVAL



# FRONT SEAT BELT

## REMOVAL AND INSTALLATION

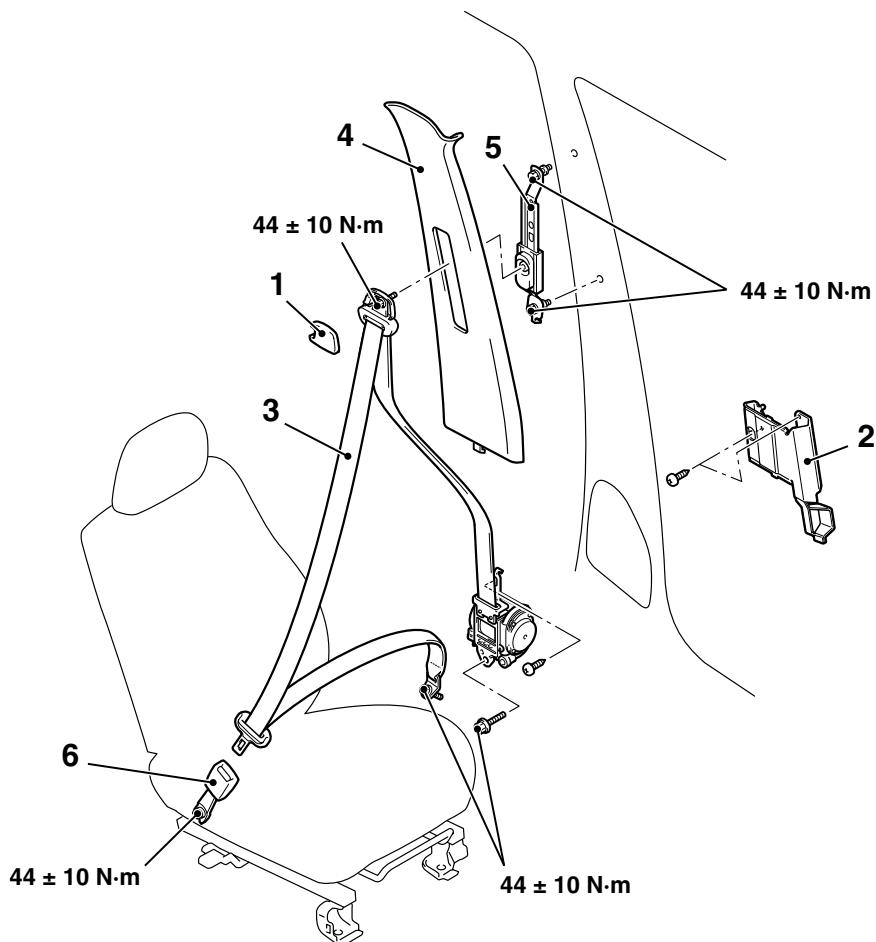
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### ⚠ CAUTION

SRS: Before removing and installing the seat belts with pre-tensioner, refer to GROUP 52B, Seat Belt with Pre-tensioner (Refer to [P.52B-148](#)).

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

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



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#### Outer seat belt removal steps

1. Sash guide cover
- Centre pillar trim lower (Refer to [P.52A-10](#)).
2. Bracket
3. Outer seat belt (Refer to GROUP 52B, Seat Belt with Pre-tensioner [P.52B-148](#)).

#### Outer seat belt removal steps

4. Centre pillar trim upper (Refer to [P.52A-10](#)).
5. Adjustable seat belt anchor

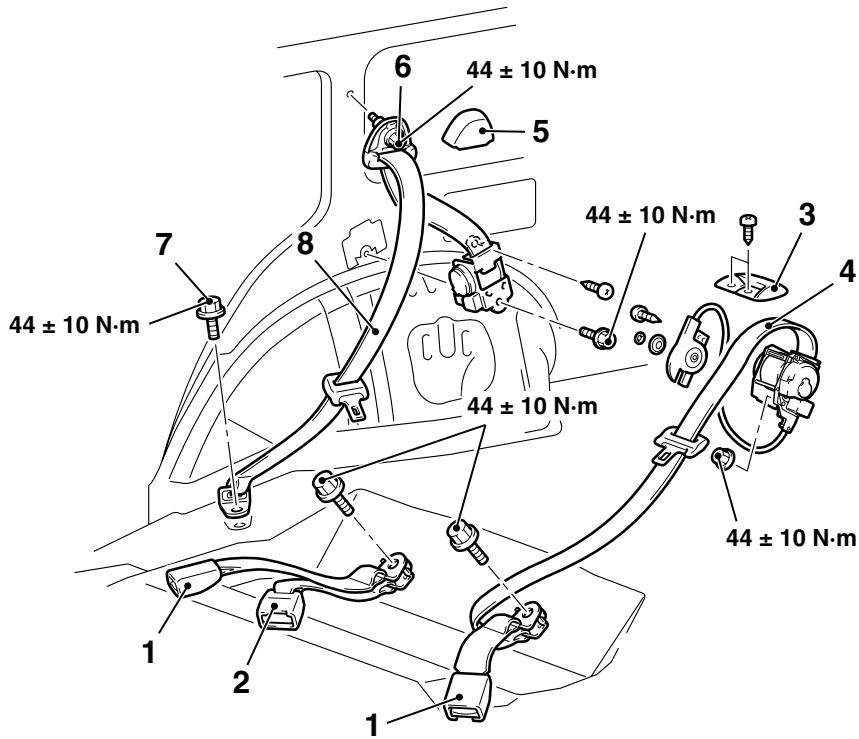
#### Inner seat belt removal steps

- Shield cover (Refer to [P.52A-24](#)).
- 6. Inner seat belt

## REAR SEAT BELT

## REMOVAL AND INSTALLATION

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**Removal steps**

- Rear seatback assembly (Refer to P.52A-25).
- 1. Inner seat belt
- 2. Centre seat belt inner
- 3. Centre seat belt garnish
- Quarter trim upper (Refer to P.52A-10).

**Removal steps (Continued)**

- 4. Centre seat belt outer (Refer to P.52A-27).
- 5. Sash guide cover
- 6. Seat belt shoulder anchor bolt
- 7. Seat belt lower anchor bolt
- 8. Outer seat belt