# **GROUP 52A**

# INTERIOR

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

#### **MARNING**

- 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 SRS-

#### 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 (\*).

## **SEAT BELT DIAGNOSIS**

#### SEAT BELT WARNING SYSTEM DIAGNOSIS

M1523004500038

The seat belt warning system is controlled by the Simplified Wiring System (SWS). For troubleshooting, refer to GROUP 54B, SWS Diagnosis P.54Bb-69.

## **SPECIAL TOOLS**

M1521000600026

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

## **INSTRUMENT PANEL ASSEMBLY**

## **REMOVAL AND INSTALLATION**

M1521001700242

**⚠ 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.52Ba-33.

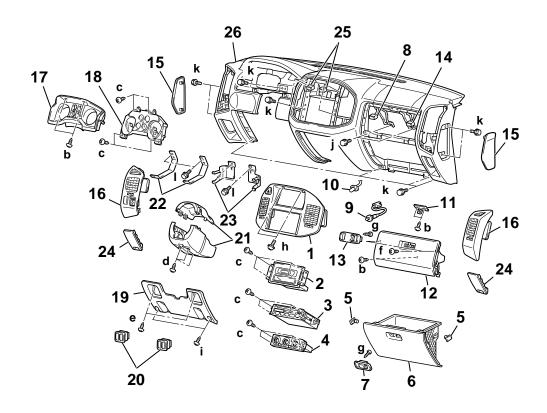
The bolts and screws described below are used for installation of the instrument panel. They are indicated by symbols in the illustration.

NAME	SYMBOL	SIZE (D $\times$ L) mm (in)	COLOR	SHAPE
Tapping screw	а	5 × 12 (0.20 × 0.47)	-	ACX01282AB
	b	5 × 16 (0.20 × 0.63)	Black	0
	С	5 × 16 (0.20 × 0.63)	-	
	d	5 × 20 (0.20 × 0.79)	-	ACX01283AB
	е	5 × 20 (0.20 × 0.79)	Black	
	f	5 × 16 (0.20 × 0.63)	Black	ACX01284AB
	g	4 × 20 (0.16 × 0.79)	Black	AC101783

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NAME	SYMBOL	SIZE (D $\times$ L) mm (in)	COLOR	SHAPE
Washer assembled bolt	h	5 × 16 (0.20 × 0.63)	-	∰∭∭∭ ACX01285AB
Washer assembled bolt	i	5 × 20 (0.20 × 0.79)	Black	n
	j	6 × 16 (0.24 × 0.63)	-	
	k	6 × 16 (0.24 × 0.63)	Black	ACX02229AB
	I	6 × 20 (0.24 × 0.79)	-	∰ <u>ШШВ</u> АСХ00614АВ

D: Thread diameter L: Effective thread length



ACX01622AD

#### **REMOVAL STEPS**

- FRONT FLOOR CONSOLE (REFER TO P.52A-7.)
- 1. CENTER PANEL ASSEMBLY
- 2. CLOCK OR RV METER
- 3. RADIO AND TAPE PLAYER OR BOX
- 4. HEATER CONTROL ASSEMBLY
- 5. GLOVE BOX STOPPER
- 6. GLOVE BOX ASSEMBLY
- 7. GLOVE BOX LOCK
- 8. GLOVE BOX LIGHT SWITCH HARNESS CONNECTOR

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

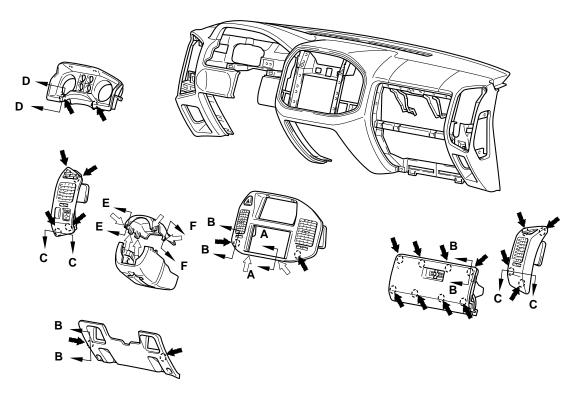
- 9. GLOVE BOX LIGHT SWITCH
- 10. GLOVE BOX LIGHT
- 11. UPPER GLOVE BOX STRIKER
- 12. UPPER GLOVE BOX ASSEMBLY
- 13. UPPER GLOVE BOX LID LOCK
- 14. FRONT PASSENGER'S SIDE AIR BAG MODULE HARNESS CONNECTOR
- 15. INSTRUMENT PANEL SIDE COVER
- 16. AIR OUTLET ASSEMBLY
- 17. METER BEZEL

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

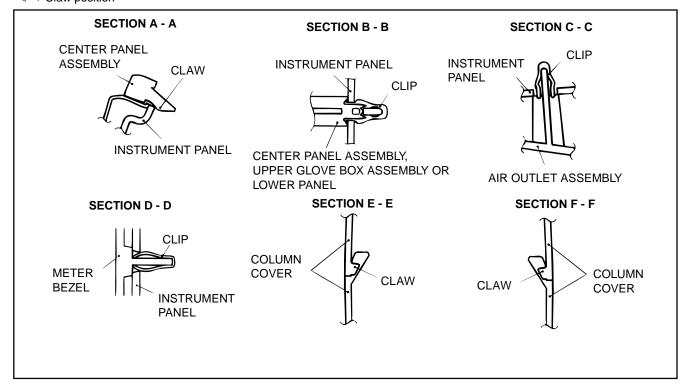
- 18. COMBINATION METER
- HOOD OPENER LEVER (REFER TO GROUP 42, HOOD P.42-5.)
- FUEL LID OPENER LEVER (REFER TO GROUP 42, FUEL FILLER DOOR P.42-8.)
- 19. LOWER PANEL
- 20. SWITCH PANEL
- 21. COLUMN COVER
- 22. STAY A
- ASSIST GRIP (REFER TO P.52A-8.)
- FRONT PILLAR TRIM (REFER TO P.52A-8.)
- 23. STAY B
- 24. CORNER LOWER PANEL
- STEERING SHAFT MOUNTING BOLT (REFER TO GROUP 37, STEERING COLUMN AND SHAFT P.37A-23.)
- 25. PHOTO SENSOR HARNESS CONNECTOR
- 26. INSTRUMENT PANEL ASSEMBLY

### **CLIP AND CLAW POSITIONS**



NOTE

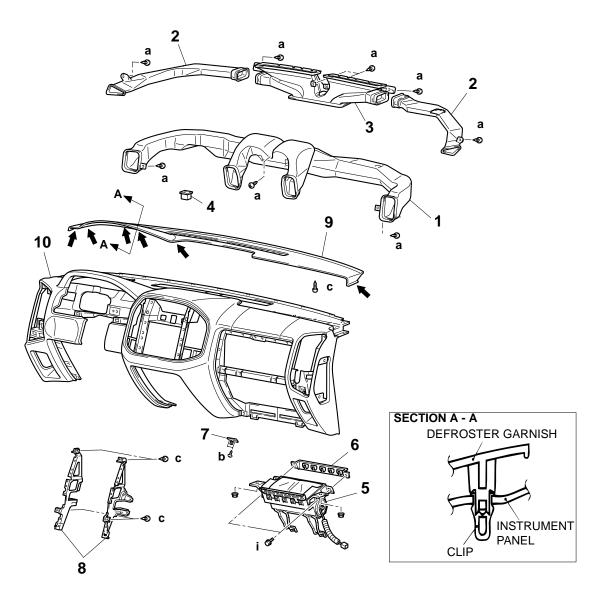
← : Clip position
<□: Claw position



ACX01621AD

#### **DISASSEMBLY AND ASSEMBLY**

M1521001900213



NOTE

: Clip position

#### **DISASSEMBLY STEPS**

- 1. DISTRIBUTION DUCT
- 2. SIDE DEFROSTER DUCT
- 3. CENTER DEFROSTER DUCT
- 4. PHOTO SENSOR
- 5. FRONT PASSENGER'S SIDE AIR BAG MODULE (REFER TO GROUP 52B, AIR BAG MODULES AND CLOCK SPRING P.52Ba-33.
- 6. AIR BAG SIDE PLATE

#### ACX01481AF

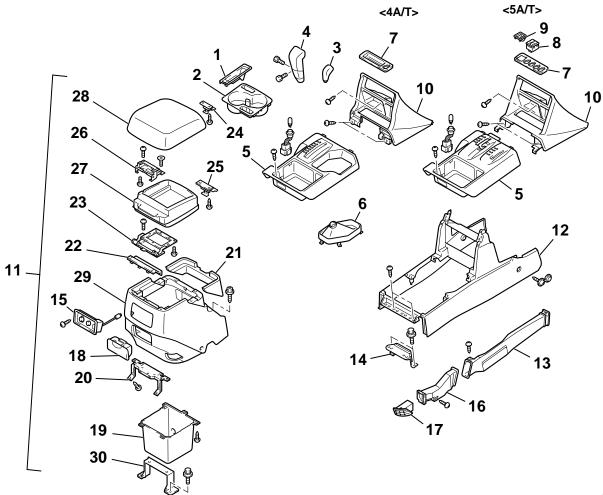
#### **DISASSEMBLY STEPS**

- 7. GLOVE BOX STRIKER
- 8. INSTRUMENT PANEL CENTER REINFORCEMENTS
- 9. DEFROSTER GARNISH
- 10. INSTRUMENT PANEL

# FLOOR CONSOLE ASSEMBLY

#### **REMOVAL AND INSTALLATION**

M1521002200198



AC203826AB

#### **REMOVAL STEPS**

- 1. PARKING BRAKE LEVER COVER
- 2. CUP HOLDER
- 3. TRANSFER SHIFT KNOB
- 4. SELECTOR LEVER KNOB
- 5. INDICATOR PANEL
- 6. TRANSFER SHIFT COVER <4A/T>
- 7. SWITCH PANEL
- 8. HEATED SEAT SWITCH <VEHICLES WITH HEATED SEAT>
- COIN PLUG <VEHICLES WITHOUT HEATED SEAT>
- 10. LOWER CENTER PANEL
- 11. REAR FLOOR CONSOLE ASSEMBLY
- PARKING BRAKE LEVER MOUNTING BOLT (REFER TO GROUP 36, PARKING BRAKES P.36-6.)
- 12. FRONT FLOOR CONSOLE
- 13. REAR HEATER DUCT A

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

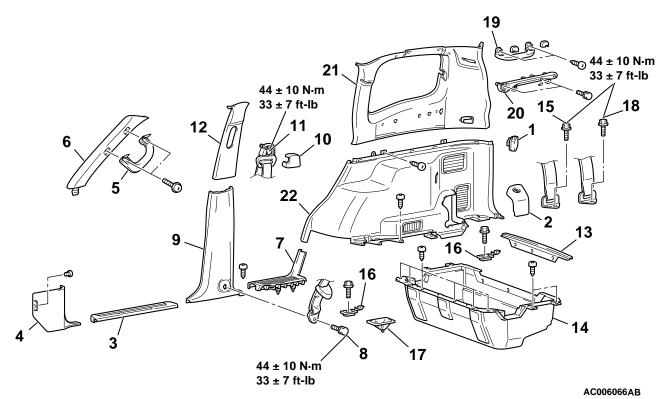
- 14. CONSOLE BRACKET A
- 15. REAR HEATER CONTROL ASSEMBLY
- 16. REAR HEATER DUCT B
- 17. REAR HEATER DUCT NOZZLE
- 18. REAR FLOOR CONSOLE ASHTRAY
- 19. REAR FLOOR CONSOLE BOX
- 20. REAR FLOOR CONSOLE BRACKET
- 21. REAR FLOOR CONSOLE UPPER COVER
- 22. REAR FLOOR CONSOLE HINGE COVER
- 23. HINGE BRACKET
- 24. LOCK A
- 25. LOCK B
- 26. LID BRACKET
- 27. LID BOX
- 28. LID ASSEMBLY
- 29. REAR FLOOR CONSOLE
- 30. CONSOLE BRACKET B

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# **TRIMS**

#### **REMOVAL AND INSTALLATION**

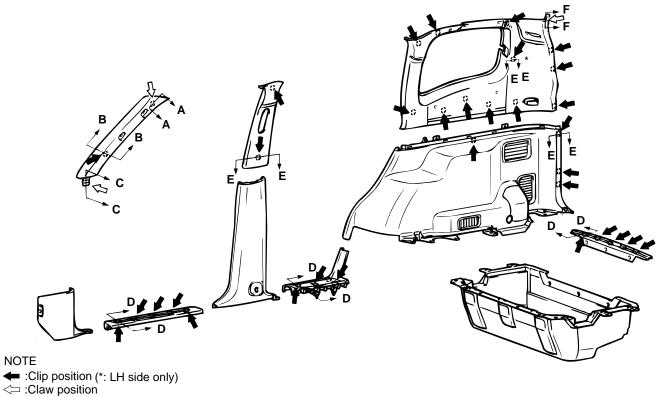
M1521001100284

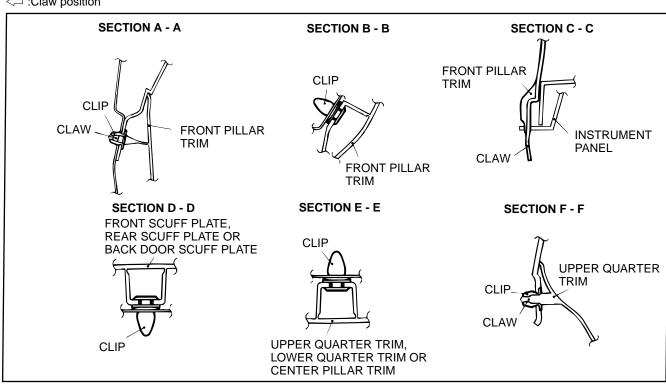


- 1. ACCESSORY SOCKET
- 2. QUARTER TRIM COVER
- THIRD SEAT ASSEMBLY
- 3. FRONT SCUFF PLATE
- 4. COWL SIDE TRIM
- 5. ASSIST GRIP
- 6. FRONT PILLAR TRIM
- 7. REAR SCUFF PLATE
- 8. FRONT SEAT BELT CONNECTION
- 9. LOWER CENTER PILLAR TRIM
- 10. SASH GUIDE COVER

- 11. FRONT SEAT BELT CONNECTION
- 12. UPPER CENTER PILLAR TRIM
- 13. BACK DOOR SCUFF PLATE
- 14. LUGGAGE FLOOR BOX
- 15. SECOND SEAT BELT CONNECTION
- 16. LUGGAGE HOOK
- 17. STRIKER COVER
- 18. THIRD SEAT BELT CONNECTION
- 19. ASSIST GRIP
- 20. SHELF HOLDER ASSEMBLY
- 21. UPPER QUARTER TRIM
- 22. LOWER QUARTER TRIM

## **CLIP AND CLAW POSITIONS**





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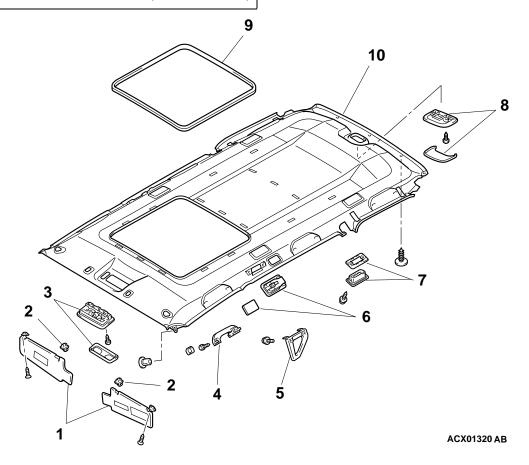
# **HEADLINING**

#### **REMOVAL AND INSTALLATION**

M1521001400230

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

• Front Pillar Trim, Upper Center Pillar Trim and Upper Quarter Trim Removal and Installation (Refer to P.52A-8.)



#### **REMOVAL STEPS**

- 1. SUNVISOR ASSEMBLY
- 2. SUNVISOR HOLDER
- 3. DOME AND MAP LIGHT ASSEMBLY
- 4. ASSIST GRIP
- 5. GRIP

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

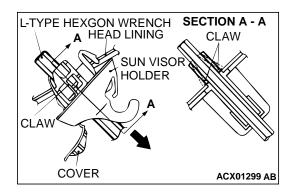
- 6. DOME LIGHT ASSEMBLY
- 7. AIR OUTLET ASSEMBLY
- 8. CARGO ROOM LIGHT ASSEMBLY
- 9. HEADLINING TRIM
- 10. HEADLINING

<<A>>>

#### **REMOVAL SERVICE POINTS**

#### <<A>> SUNVISOR HOLDER REMOVAL

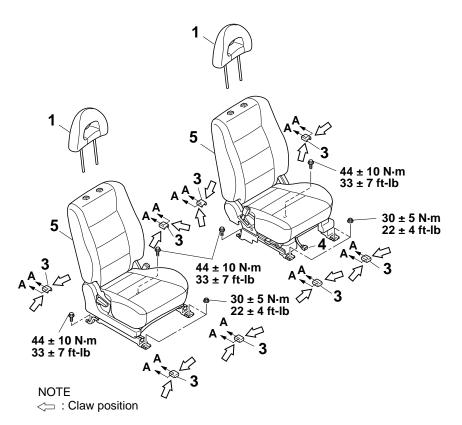
- Remove the sunvisor holder cover, insert a 6 mm L-shaped hexagon wrench to disengage the sunvisor holder side claws.
- 2. Pull out the sunvisor into the direction shown to remove the sunvisor holder.



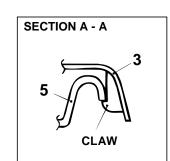
# FRONT SEAT ASSEMBLY

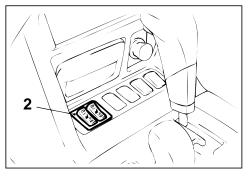
#### REMOVAL AND INSTALLATION

M1522001300214



- 1. HEAD RESTRAINT
- 2. HEATED SEAT SWITCH <VEHICLE WITH HEATED SEAT>





ACX00620AC

# FRONT SEAT ASSEMBLY REMOVAL STEPS

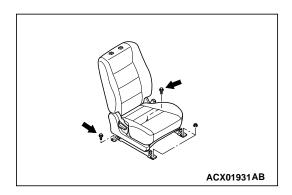
- 3. FRONT SEAT ANCHOR COVER
- 4. HARNESS CONNECTOR
- >>A<< 5. FRONT SEAT ASSEMBLY

#### INSTALLATION SERVICE POINTS



Tighten the bolts shown while no weight is applied to the front seat cushion.

NOTE: First install all of the front seat assembly mounting nuts and bolts, and then tighten them to the specified torque.

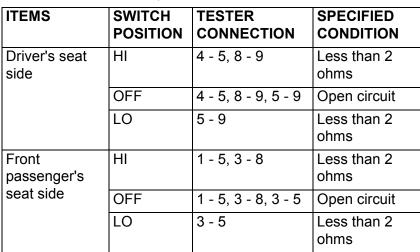


#### **INSPECTION**

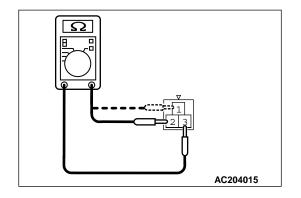
M1522001400103

#### CONTINUITY TEST OF HEATED SEAT SWITCH

1. Check for continuity between terminals.



- 2. Check that the indicator is lighted at HI or LO when battery voltage is supplied to the terminal 5 and the terminal 8 is grounded.
- 3. Check that illumination is lighted when battery voltage is supplied to the terminals 2 and 6.

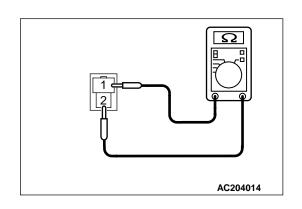


#### **SEAT CUSHION HEATER CHECK**

Measure the resistance between terminals.

Standard value: At room temperature 20 °C (68 °F) Between terminals 2 and 3: Approximately 5.4  $\Omega \pm$  10%

Between terminals 1 and 3: 5.0  $\Omega \pm 10\%$ 



#### SEATBACK HEATER CHECK

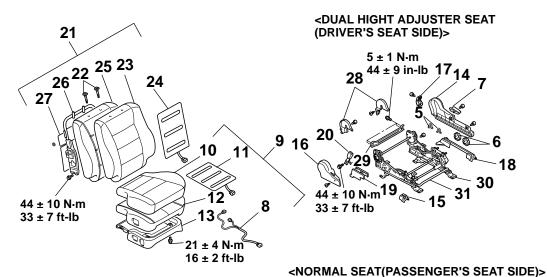
Measure the resistance between terminals.

Standard value: At room temperature 20 °C (68 °F)

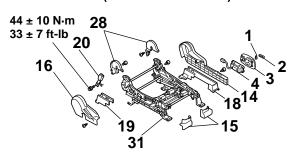
Approximately 6.0  $\Omega \pm 10\%$ 

#### **DISASSEMBLY AND ASSEMBLY**

M1522001500285



#### <POWER SEAT (DRIVER'S SEAT SIDE)>



# 28 44 ± 9 in-lb 20 44 ± 10 N·m 33 ± 7 ft-lb 16 18

18

15

5 ± 1 N·m

#### **DISASSEMBLY STEPS**

- RECLINING ADJUSTER KNOB <VEHICLES WITH POWER SEATS>
- SLIDE ADJUSTER KNOB <VEHICLES WITH POWER SEATS>
- 3. POWER SEAT SWITCH GARNISH <VEHICLES WITH POWER SEATS>
- 4. POWER SEAT SWITCH < VEHICLES WITH POWER SEATS>

#### ACX01416AB

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

- CLIP <VEHICLES WITH DUAL HEIGHT ADJUSTER SEATS>
- 6. HEIGHT ADJUSTER KNOB <VEHICLES WITH DUAL HIGH ADJUSTER SEATS>
- RECLINING ADJUSTER LEVER <VEHICLES WITH DUAL HEIGHT ADJUSTER SEATS OR NORMAL SEATS>

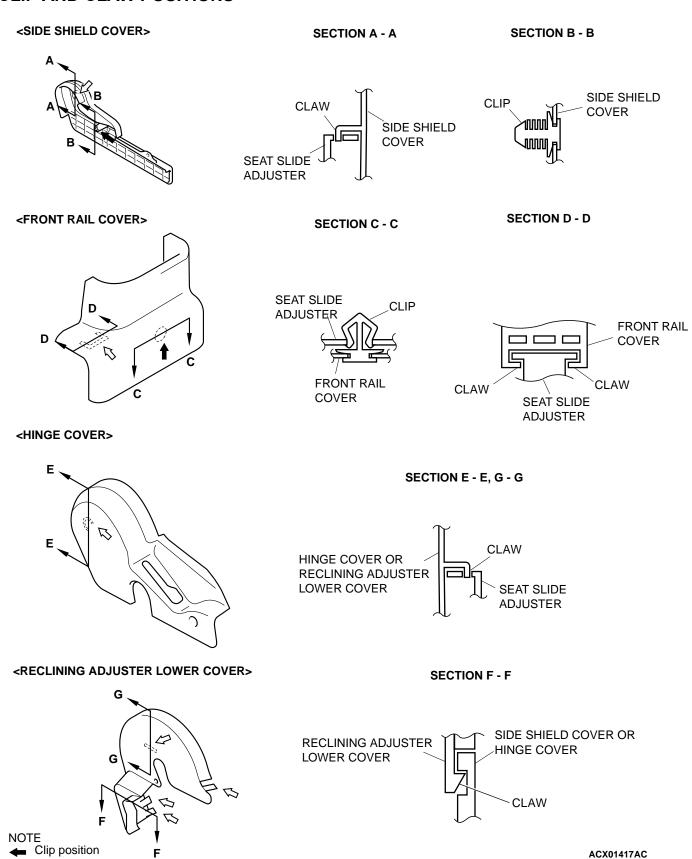
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#### **DISASSEMBLY STEPS (Continued)**

- 8. HARNESS CLAMP
- 9. FRONT SEAT CUSHION ASSEMBLY
- 10. FRONT SEAT CUSHION COVER
- 11. SEAT CUSHION HEATER <VEHICLES WITH HEATED SEATS>
- 12. FRONT SEAT CUSHION PAD
- 13. FRONT SEAT CUSHION FRAME
- 14. SIDE SHIELD COVER
- 15. FRONT RAIL COVER
- 16. HINGE COVER
- 17. REAR RAIL COVER <VEHICLES
  WITH DUAL HEIGHT ADJUSTER
  SEATS OR NORMAL SEATS>
- 18. SEAT SLIDE ADJUSTER SIDE COVER
- 19. SEAT SLIDE ADJUSTER INNER SIDE COVER
- 20. INNER SEAT BELT
- 21. FRONT SEATBACK ASSEMBLY
- 22. HEAD RESTRAINT GUIDE
- 23. FRONT SEATBACK COVER
- 24. FRONT SEATBACK HEATER <VEHICLES WITH HEATED SEATS>
- 25. FRONT SEATBACK PAD
- 26 FRONT SEATBACK FRAME <VEHICLES WITHOUT SIDE AIR BAG>
- 27. FRONT SEATBACK BOARD
- 28. RECLINING ADJUSTER LOWER COVER
- 29. FRONT SEAT FRAME <VEHICLES WITH DUAL HEIGHT ADJUSTER SEATS OR NORMAL SEATS>
- 30. SEAT SLIDE ADJUSTER
- 31. SEAT SLIDE ADJUSTER LEVER <VEHICLES WITH DUAL HEIGHT ADJUSTER SEATS OR NORMAL SEATS>

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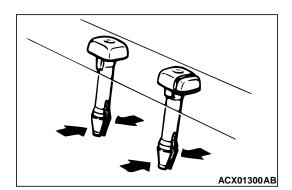
#### **CLIP AND CLAW POSITIONS**



Claw position

### **REMOVAL SERVICE POINT**

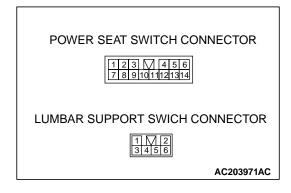
<<A>>HEAD RESTRAINT GUIDE REMOVAL



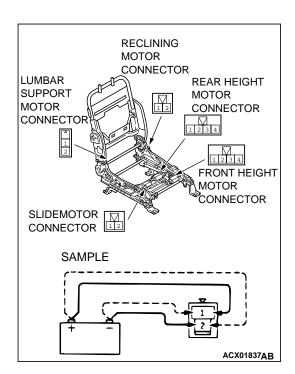
### **INSPECTION**

M1522001400095

Power seat manual switch continuity check



SWITCH POSITION		TESTER CONNECTION	SPECIFIED CONDITION
Reclining switch	FRONT	4-14, 3-13	Less than 2 ohms
	REAR	4-13, 3-14	Less than 2 ohms
Slide switch	FRONT	7-14, 8-13	Less than 2 ohms
	REAR	7-13, 8-14	Less than 2 ohms
Front height switch	UP	5-14, 6-13	Less than 2 ohms
	DOWN	5-13, 6-14	Less than 2 ohms
Rear height switch	UP	2-14, 1-13	Less than 2 ohms
	DOWN	2-13, 1-14	Less than 2 ohms
Lumbar support switch	FRONT	4-5, 3-6	Less than 2 ohms
	REAR	4-6, 3-5	Less than 2 ohms



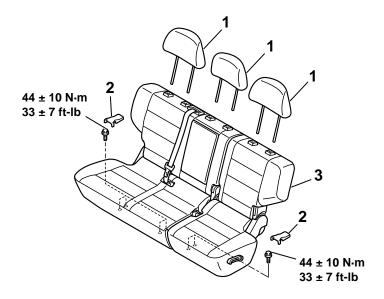
### Operation check of power seat motor

- 1. Disconnect the connector of each motor.
- 2. Check that when the battery is directly connected to the motor terminal, the motor turns smoothly and each adjusting mechanism operates as stated below for each motor.
  - (1) Connect the battery power supply to the terminal 1 and ground the terminal 2 for the front height down side, rear slide side and the rear lumbar support side.
  - (2) Connect the battery power supply to the terminal 2 and ground the terminal 1 for the front height up side, front slide side and front lumbar support side.
  - (3) Connect the battery power supply to the terminal 3 and ground the terminal 4 for the rear height down side and connect the battery power supply to the terminal 4 and ground the terminal 3 for the rear height up side.
  - (4) Connect the battery power supply to the terminal 2 and ground the terminal 1 for the rear reclining side and connect the battery power supply to the terminal 1 and ground the terminal 2 for the front reclining side.
- 3. If abnormality was found, check the power seat adjuster assembly.

# **REAR SEAT ASSEMBLY**

#### **REMOVAL AND INSTALLATION**

M1522001800190



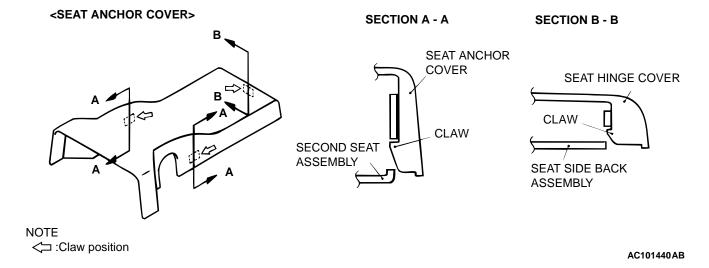
AC006064AB

1. HEAD RESTRAINT

#### **REMOVAL STEPS**

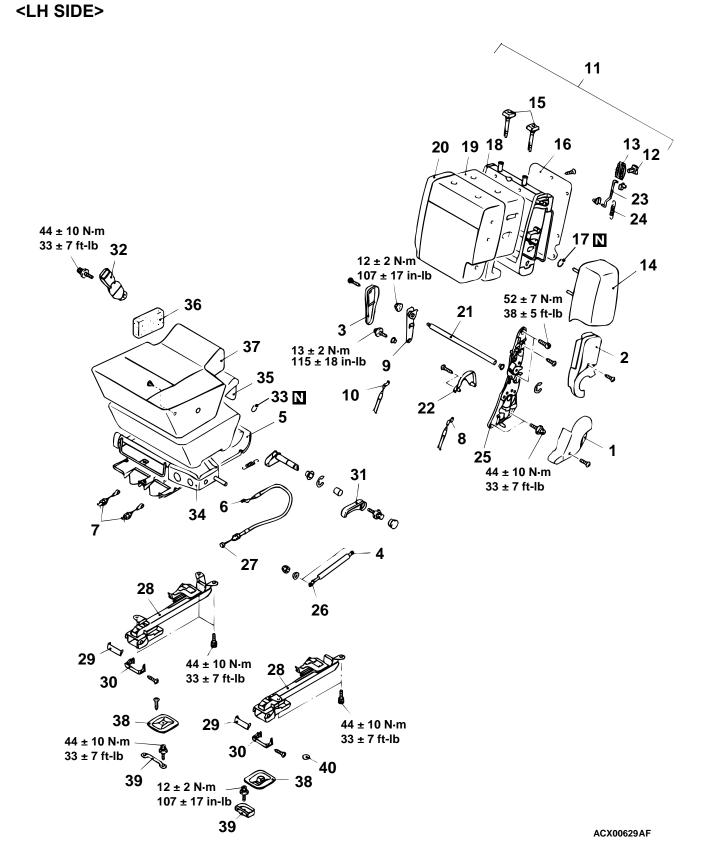
- 2. SEAT ANCHOR COVER
- 3. SECOND SEAT ASSEMBLY

#### **CLAW POSITIONS**



# DISASSEMBLY AND ASSEMBLY

M1522002000249



# INTERIOR REAR SEAT ASSEMBLY

#### **DISASSEMBLY STEPS**

- LOWER RECLINING ADJUSTER COVER
- CENTER RECLINING ADJUSTER COVER
- 3. FREE HINGE COVER
- 4. GAS SPRING CONNECTION
- 5. SECOND SEAT CUSHION UNDER COVER
- 6. RECLINING CABLE CONNECTION
- CATCH CABLE A AND B CONNECTION
- 8. CATCH CABLE A
- 9. HINGE BRACKET
- 10. CATCH CABLE B
- 11. SECOND SEATBACK ASSEMBLY
- 12. FOLDING LEVER KNOB
- 13. FOLDING KNOB GARNISH
- 14. SECOND SEAT SIDE BACK ASSEMBLY
- 15. HEAD RESTRAINT GUIDE
- 16. SECOND SEATBACK BOARD
- 17. HOG RING
- 18. SECOND SEATBACK FRAME

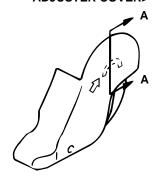
#### **DISASSEMBLY STEPS**

- 19. SECOND SEATBACK PAD
- 20. SECOND SEATBACK COVER
- 21. SHAFT
- 22. RECLINING ADJUSTER BACK COVER
- 23. ROD
- 24. SPRING
- 25. RECLINING ADJUSTER
- 26. GAS SPRING
- 27. RECLINING CABLE
- 28. SECOND SEAT CATCH ASSEMBLY
- 29. UPPER FOOT COVER
- 30. LOWER FOOT COVER
- 31. RECLINING KNOB
- 32. INNER SEAT BELT
- 33. HOG RING
- 34. SECOND SEAT CUSHION FRAME
- 35. SECOND SEAT CUSHION PAD
- SUPPORT PAD
- 37. SECOND SEAT CUSHION COVER
- 38. STRIKER COVER
- 39. STRIKER
- 40. PLUG

#### **CLAW POSITIONS**

<<A>>>

<LOWER RECLINING
ADJUSTER COVER>



SECTION A - A

RECLINING ADJUSTER LOWER RECLINING ADJUSTER COVER

<FOLDING KNOB GARNISH>

SECTION B - B

SECOND SEAT
BACK ASSEMBLY

CLAW

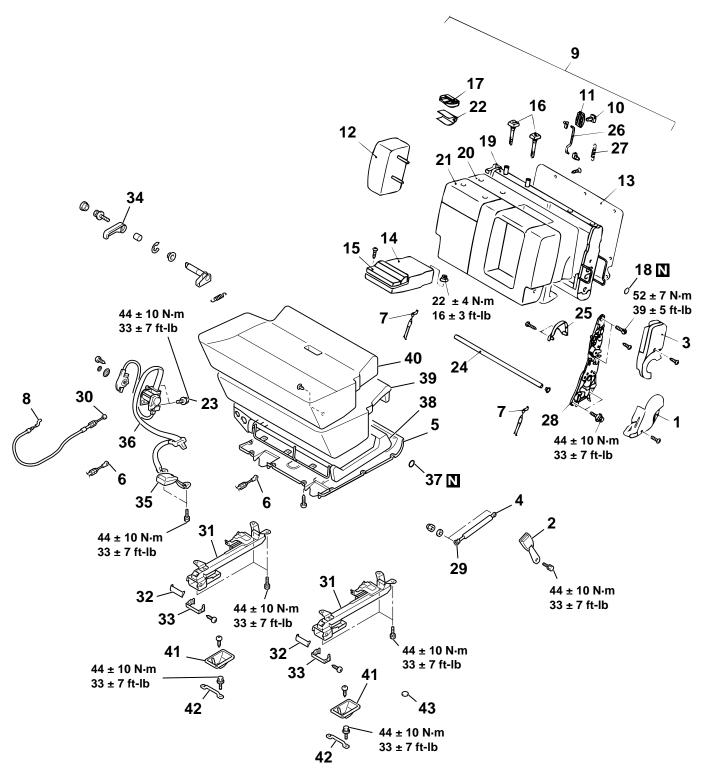
FOLDING KNOB
GARNISH

NOTE <□ : Claw position

w position ACX00631 AB

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## <RH SIDE>



AC006067AC

# INTERIOR REAR SEAT ASSEMBLY

#### **DISASSEMBLY STEPS**

- LOWER RECLINING ADJUSTER COVER
- 2. INNER SEAT BELT
- CENTER RECLINING ADJUSTER COVER
- 4. GAS SPRING CONNECTION
- SECOND SEAT CUSHION UNDER COVER
- 6. CATCH CABLE A CONNECTION
- 7. CATCH CABLE A
- 8. RECLINING CABLE CONNECTION
- SECOND SEAT BACK ASSEMBLY
- 10. FOLDING LEVER KNOB
- 11. FOLDING KNOB GARNISH
- 12. SECOND SEAT SIDE BACK ASSEMBLY
- 13. SECOND SEAT BACK BOARD
- 14. ARMREST
- 15. CUP HOLDER
- 16. HEAD RESTRAINT GUIDE
- 17. SASH ANCHOR GARNISH
- 18. HOG RING
- 19. SECOND SEATBACK FRAME
- 20. SECOND SEATBACK PAD
- 21. SECOND SEATBACK COVER

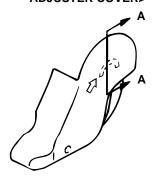
#### **DISASSEMBLY STEPS**

- 22. SEAT BELT PROTECTOR
- 23. CENTER SEAT BELT CONNECTION
- 24. SHAFT
- 25. RECLINING ADJUSTER BACK COVER
- 26. ROD
- 27. SPRING
- 28. RECLINING ADJUSTER
- 29. GAS SPRING
- 30. RECLINING CABLE
- 31. SECOND SEAT CATCH ASSEMBLY
- 32. UPPER FOOT COVER
- 33. LOWER FOOT COVER
- 34. RECLINING KNOB
- 35. INNER SEAT BELT
- 36. CENTER SEAT BELT
- 37. HOG RING
- 38. SECOND SEAT CUSHION FRAME
- 39. SECOND SEAT CUSHION PAD
- 40. SECOND SEAT CUSHION COVER
- 41. STRIKER COVER
- 42. STRIKER
- 43. PLUG

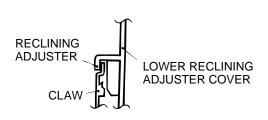
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## **CLAW POSITIONS**

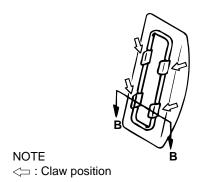
<LOWER RECLINING
ADJUSTER COVER>



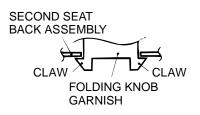
SECTION A - A



<FOLDING KNOB GARNISH>

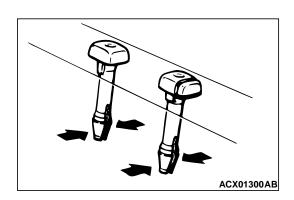


**SECTION B - B** 



ACX00631 AB

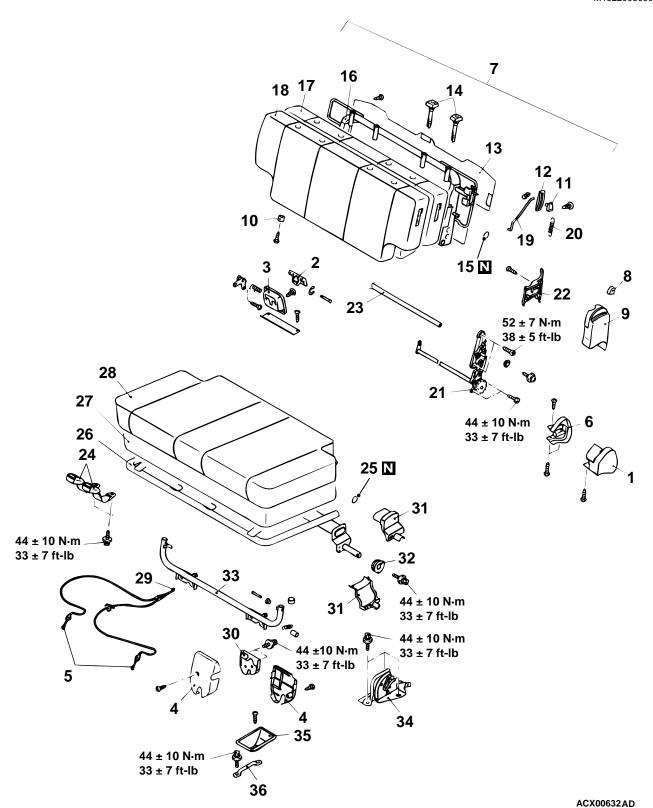
# REMOVAL SERVICE POINTS <<A>> HEAD RESTRAINT GUIDE REMOVAL



# THIRD SEAT ASSEMBLY

### **DISASSEMBLY AND ASSEMBLY**

M1522003000048



#### INTERIOR THIRD SEAT ASSEMBLY

#### **DISASSEMBLY STEPS**

- OUTER RECLINING ADJUSTER COVER
- 2. CATCH RELEASE KNOB
- CATCH RELEASE KNOB GARNISH
- 4. LATCH COVER
- CATCH CABLE CONNECTION
- INNER RECLINING ADJUSTER COVER
- 7. THIRD SEATBACK ASSEMBLY
- 8. RECLINING KNOB
- 9. RECLINING ADJUSTER COVER
- 10. DAMPER
- 11. FOLDING LEVER KNOB
- 12. FOLDING KNOB GARNISH
- 13. THIRD SEATBACK BOARD
- 14. HEAD RESTRAINT GUIDE
- 15. HOG RING
- 16. THIRD SEATBACK FRAME
- 17. THIRD SEATBACK PAD

#### **DISASSEMBLY STEPS**

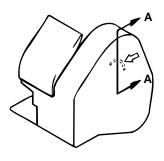
- 18. THIRD SEATBACK COVER
- 19. ROD
- 20. SPRING
- 21. RECLINING ADJUSTER
- 22. INNER RECLINING ADJUSTER COVER
- 23. SHAFT
- 24. INNER SEAT BELT
- 25. HOG RING
- 26. THIRD SEAT CUSHION FRAME
- 27. THIRD SEAT CUSHION PAD
- 28. THIRD SEAT CUSHION COVER
- 29. CATCH CABLE
- 30. THIRD SEAT LATCH
- 31. ARM COVER
- 32. CAM
- 33. THIRD SEAT LEG FRAME
- 34. CATCH ASSEMBLY
- 35. STRIKER COVER
- 36. STRIKER

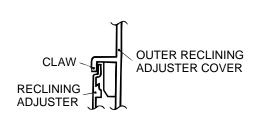
<<A>>>

#### **CLAW POSITIONS**

**<OUTER RECLINING ADJUSTER COVER>** 

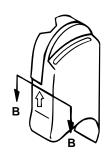


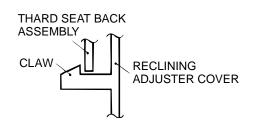




<RECLINING ADJUSTER COVER>

**SECTION B - B** 

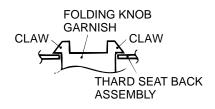




<FOLDING KNOB GARNISH>

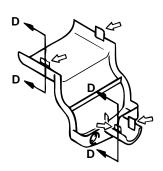
SECTION C - C

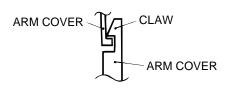




<ARM COVER>

**SECTION D - D** 



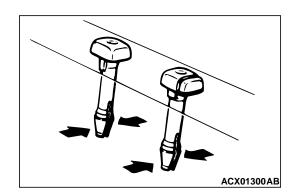


NOTE <□ :Claw position

ACX00633 AB

## **REMOVAL SERVICE POINTS**

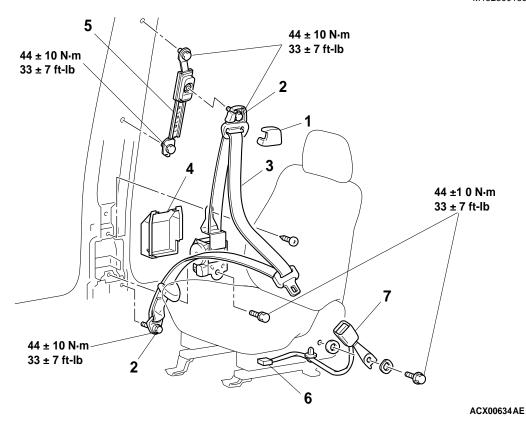
<<A>>HEAD RESTRAINT GUIDE REMOVAL



## FRONT SEAT BELT

#### REMOVAL AND INSTALLATION

M1523001300239



# OUTER SEAT BELT REMOVAL STEPS

- 1. SASH GUIDE COVER
- 2. OUTER SEAT BELT CONNECTION
- FRONT SCUFF PLATE, REAR SCUFF PLATE, LOWER CENTER PILLAR TRIM AND UPPER CENTER PILLAR TRIM (REFER TO P.52A-8.)
- 3. OUTER SEAT BELT
- 4. FRONT NOISE PROTECTOR
- 5. ADJUSTABLE SEAT BELT ANCHOR

# INNER SEAT BELT REMOVAL STEPS

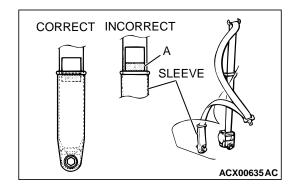
- FRONT SEAT ASSEMBLY (REFER TO P.52A-11.)
- HINGE COVER (REFER TO P.52A-13.)
- 6. SEAT BELT SWITCH HARNESS CONNECTOR (DRIVER'S SIDE)
- 7. INNER SEAT BELT

#### INSPECTION

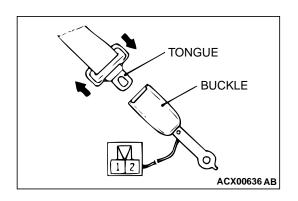
M1523001400270



Check that the A section (red) of the label attached to the outer seat belt is not exposed from the outer seat belt sleeve. If it is exposed, replace the outer seat belt.



# SEAT BELT BUCKLE SWITCH CONTINUITY CHECK

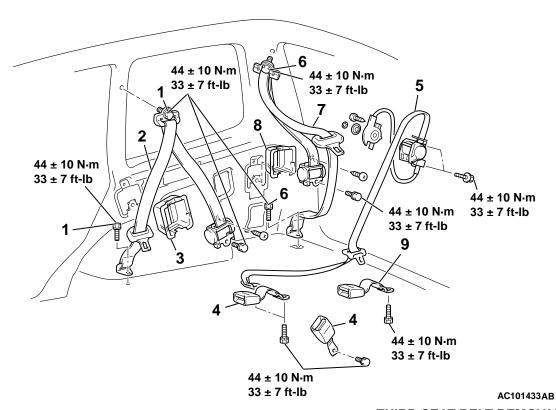


ITEMS	TESTER CONNECTION	SPECIFIED CONDITION
Fastened seat belt	1 - 2	Open circuit
Unfastened seat belt	1 - 2	Less than 2 ohms

## **REAR SEAT BELT**

# REMOVAL AND INSTALLATION SECOND SEAT BELT AND THIRD SEAT BELT

M1523001600230



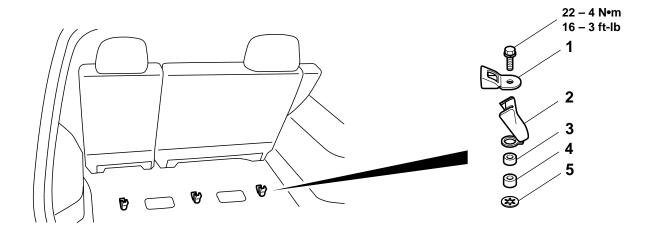
# SECOND SEAT BELT REMOVAL STEPS

- LOWER QUARTER TRIM (REFER TO P.52A-8.)
- 1. OUTER SEAT BELT CONNECTION
- 2. OUTER SEAT BELT
- 3. ELR COVER
- 4. INNER SEAT BELT (REFER TO P.52A-19.)
- 5. CENTER SEAT BELT

# THIRD SEAT BELT REMOVAL STEPS

- LOWER QUARTER TRIM (REFER TO P.52A-8.)
- PILLAR DUCT (RH) (REFER TO GROUP 55, VENTILATORS P.55A-156.)
- REAR BLOWER ASSEMBLY (REFER TO GROUP 55, BLOWER ASSEMBLY P.55A-133.)
- 6. OUTER SEAT BELT CONNECTION
- 7. OUTER SEAT BELT
- 8. ELR COVER
- 9. INNER SEAT BELT (REFER TO P.52A-24.)

## **TETHER ANCHOR**



#### ACX01774AD

#### **REMOVAL STEPS**

- 1. TETHER ANCHOR BRACKET
- 2. COVER
- 3. SPACER 5 mm (0.2 inch)

## **REMOVAL STEPS (Continued)**

- 4. SPACER 10 mm (0.4 inch)
- 5. FIBER WASHER

# **SPECIFICATIONS**

# **FASTENER TIGHTENING SPECIFICATIONS**

M1521004100186

ITEM	SPECIFICATION
Armrest nut	22 ± 4 N·m (16 ± 3 ft-lb)
Catch assembly bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Center seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Front seatback frame bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Front seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Front seat bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Front seat cushion frame bolt	21 ± 4 N·m (16 ± 2 ft-lb)
Front seat frame bolt	5 ± 1 N·m (44 ± 9 in-lb)
Front seat nut	30 ± 5 N⋅m (22 ± 4 ft-lb)
Hinge bracket lower bolt	13 ± 2 N⋅m (115 ± 18 in-lb)
Hinge bracket upper nut	12 ± 2 N·m (107 ± 17 in-lb)
Inner seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Reclining adjuster lower bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Reclining adjuster upper bolt	52 ± 7 N·m (38 ± 5 ft-lb)
Second seat bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Second seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Second seat catch assembly bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Striker bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Striker bolt	12 ± 2 N·m (107 ± 17 in-lb)
Tether anchor bolt	22 ± 4 N·m (16 ± 3 ft-lb)
Third seat belt bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Third seat frame bolt	44 ± 10 N·m (33 ± 7 ft-lb)
Third seat latch bolt	44 ± 10 N·m (33 ± 7 ft-lb)