
AUDIO & VISUAL

AUDIO SYSTEM

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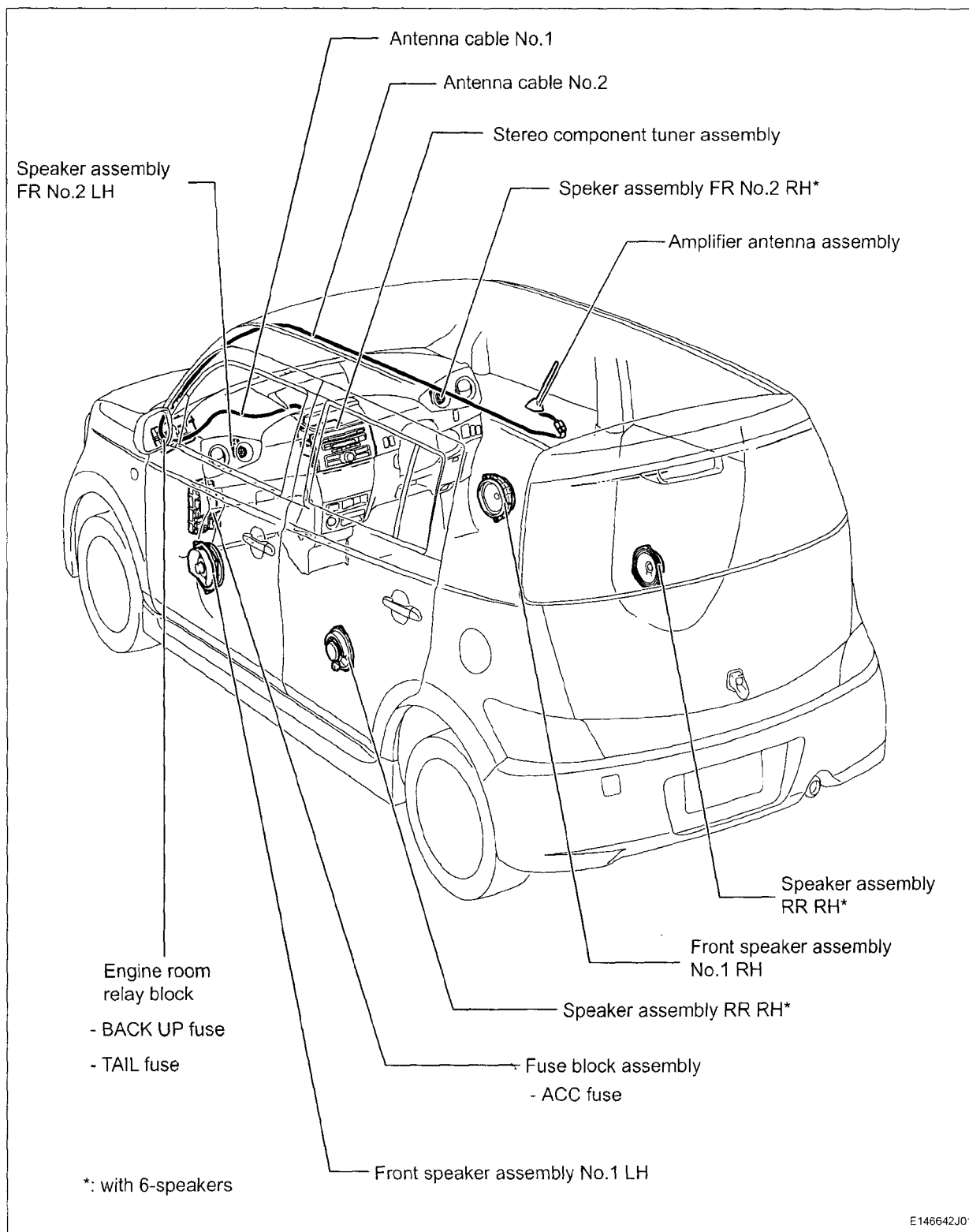
ANTENNA ROD

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INSTALLATION	64-74

AUDIO SYSTEM

PARTS LAYOUT



LIST BY SYMPTOM

General

Symptom	Part to be checked	Reference page
The power is not on even though the power switch is pushed	Fuse (BACK UP, ACC)	64-1
	Stereo component tuner assembly replacement	-
Even though the light is on, the stereo component tuner assembly night lighting does not work	Fuse (TAIL)	64-1
	Stereo component tuner assembly replacement	-
There are errors in the LCD display	Stereo component tuner assembly replacement	-

Switches, general

Symptom	Part to be checked	Reference page
Panel switch operation does not work	Insertion of foreign materials around the error occurrence switch check	-
	Stereo component tuner assembly replacement	-

Audio, general

Symptom	Part to be checked	Reference page
Sound is not produced from the speakers in any mode or the tone is of bad quality (when the display or the switches are normal)	Tone quality control	-
	Stereo component tuner assembly replacement	-
Sound is not produced from one speaker in any mode, or the volume is low, or tone quality is bad	Front speaker assembly No. 1 unit check	64-20
	Speaker assembly FR No. 2 unit check (with 6-speaker)	64-22
	Speaker assembly RR unit check (with 6-speaker)	64-25
	Vehicle W/H and connector check [between stereo component tuner assembly and error occurrence speakers]	64-9
	Stereo component tuner assembly replacement	-
In all modes and in all speakers, noise occurs	Troubleshooting flow chart [in all modes and in all speakers, noise occurs]	64-11

Radio

Symptom	Part to be checked	Reference page
Radio is not received (bad reception).	Troubleshooting flow chart [radio is not received (bad reception).]	64-14
Noise in the radio sound	Troubleshooting flow chart [noise in the radio sound]	64-13

CD Player

Symptom	Part to be checked	Reference page
The disk is not inserted in the player, or is ejected right away, or cannot be played	Foreign materials presence check in the deck	-
	Disk check	-
	Condensation due to temperature variation	-
	Stereo component tuner assembly replacement	-
The disk cannot eject	Press the EJECT button for more than 2 seconds (if the disk does not eject, do not try to take it out forcibly, send it to repairs)	-
	Disk check	-
	Stereo component tuner assembly replacement	-
The sound jumps when the disk is played	Disk check	-
	Condensation dew to temperature variation	-
	Stereo component tuner assembly installation error (backlash, looseness etc.)	-
	Stereo component tuner assembly replacement	-
Tone quality is bad or volume is low only when a disk is played	Disk check	-
	Stereo component tuner assembly replacement	-

FUNCTION DESCRIPTION

1. Radio frequency band

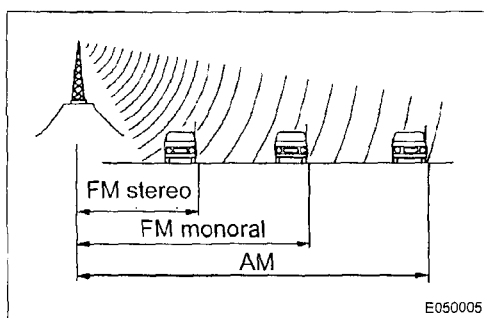
(1) The radio frequency band use for radio broadcasting is as follows.

Frequency	30kHz	300kHz	3MHz	30MHz	300MHz
Destination		LF	MF	HF	VHF
Radio wave		LW	AM (MW)	SW	FM (UKW)
Modulation		Amplitude modulation			Frequency modulation

LF: Low frequency
 MF: Medium frequency
 HF: High frequency
 VHF: Very high frequency

H

E050001



E050005

2. Service range

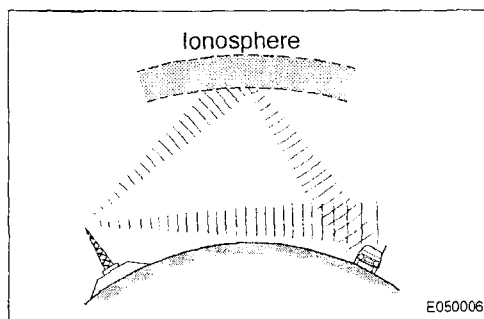
- (1) There is a considerable difference in the service range between AM and FM mono. When AM can be received properly, FM stereo can sometimes not be received. Not only FM stereo has the smallest service range, it is also very sensitive to noise and interference ("fading noise" "multipath noise" "fade-out").

64

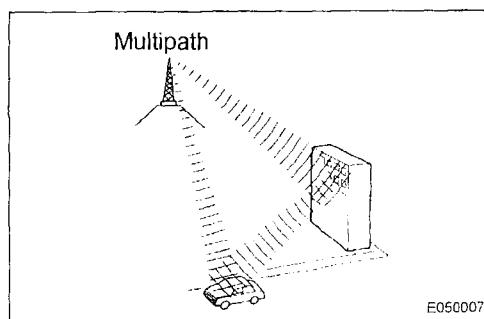
3. Reception problems

<HINT>

Besides for the noise problem, there is also "fading noise" "multipath noise" "fade-out". Those do not occur because of the electric noise but depend on the properties of the radio waves themselves.



E050006



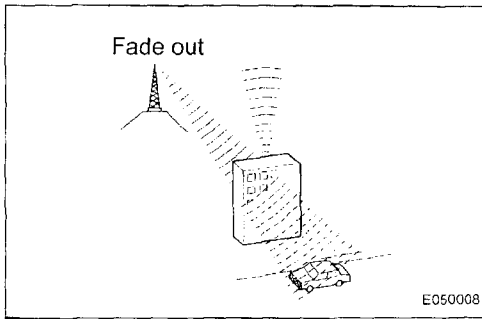
E050007

(1) Fading noise

- (a) In the case of AM broadcastings, besides for electrical interference there are other interferences, especially at night, that can come into play. When night comes, the AM waves reflect on the ionosphere. Reflected waves reach the vehicle antenna and interfere with the waves that came directly from the broadcast station. This interference is known as "fading noise".

(2) Multipath noise

- (a) When waves reflect on an obstacle, the resulting interference is called "multipath". Multipath noise results from the interference of waves sent by the broadcast station's antenna reflecting on a building or a mountain on the signal that is directly received. This interference is called "multipath noise".



(3) Fade-out

(a) FM wave frequency is higher than AM waves and as such will reflect on obstacles like building or mountains. For this reason, when the vehicle enters the shadow of such an obstacle, the waves may either weaken or disappear altogether. This phenomenon is called "fade-out".

4. Noise issues

(1) Question sheet for noise issues

(a) Troubleshooting noise issues comes after a thorough understanding of the customer's complaint. Use the following question sheet and diagnosis correctly the problems.

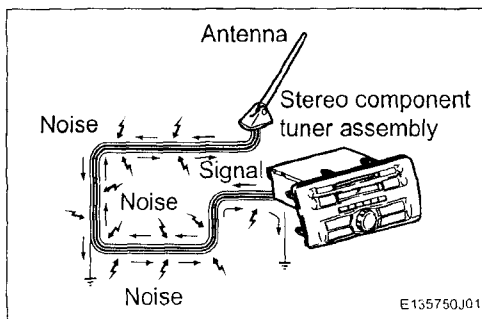
Broadcasting standard	Question contents	Estimated cause
AM	Noise occurs at a specific location	High probability of external noise
AM	Noise occurs when listening to a weak broadcast	There are cases when the same program is broadcast by different broadcast stations. It is possible that the client is listening to the same broadcast but from a different broadcast station.
AM	Noise occurs at night	High probability of receiving the beat signal of a distant broadcast.
FM	Noise occurs at a specific location during the drive	High probability of multipath noise or fading noise due to variations in the FM cycles.

<HINT>

In the case the occurrence of noise does not fit any of the above questions, conduct checks based on "reception problems". Use the above explanations about multipath and fading for reference.

(2) Items to pay attention to when conducting checks

- (a) The interferences in the radio are already filtered out with its noise prevention function so that their real influence should be very little and important interferences should never occur. In cases important interferences occur, check if the antenna's earth connection is normal.
- (b) Check if the standard noise control devices are properly installed and if third party hardware is properly wired.
- (c) When the radio channels are made to not correspond (to the broadcast station) important interference will occur. This phenomenon can easily be diagnosed.



(3) Antenna and noise

(a) The electrical signal received by the antenna is transmitted to the radio by the core wire of the coaxial cable. Noise waves also enter the core wire and make the radio noise occur and the tone quality lower. To keep the noise from entering the radio, the coaxial cable's core wire is covered with a net wire called shield wire. This shield wire connects the noise to the earth and keeps it from entering the radio.

<HINT>

If the earth of the shield wire is defective, noise will occur.

5. CD

(1) Usable disk

(a) This player can only use musical CDs, CD-R or CD-RW as shown by the mark on the diagram.



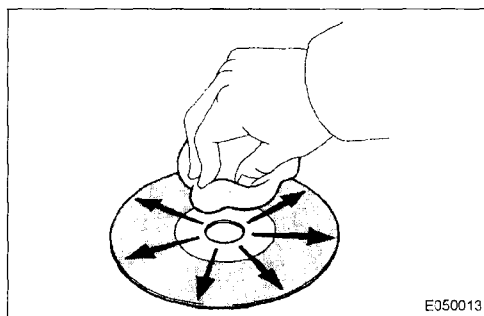
(2) Notice about disk use

<CAUTION>

- > Copy Control CDs cannot be used.
- > DualDISCs (CD with imprinted DVD on the other side) cannot be used.
- > If the CD-R and CD-RW are in recordable state, and depending on disk specifics, scratches, dirt, wear due to prolonged use in the vehicle, the disk may not be able to play.
- > CD-R and CD-RW that have not been finalized cannot play.
- > Manipulate the disk so as not to leave finger prints, dirt or scratches.
- > When manipulating the disk, hold it by the center hole with the label on top.
- > After pressing the eject button, if the disk is left in eject position for a long time it can deform and not be usable anymore.
- > Disks that have cellophane tape, seals, CD-R labels, rental CD labels etc on them, or traces of label removal may become stuck in the player and can become cause for player damage.
- > Keep the disk away from direct sunlight (the disk can deform and may not be usable anymore)
- > Only round disks of 12 cm or 8 cm in diameter can be played.
- > Disks with different shapes can be the cause of player damage. Do not use them.
- > Disk that show transparent or semi-transparent sections on the recorded area can be subject to abnormal entry/eject/play. Do not use them.
- > 8 cm (single) CDs do not require an adapter.

<HINT>

- > In times of cold or rain, just like the vehicle windows can fog, the player can suffer from water condensation. In such cases, the sound may jump, the disk may stop. Wait for some time and after drying up or dehumidifying, try again.
- > Harsh driving may cause the player to strongly vibrate and the sound to jump.



(3) Cleaning

<CAUTION>

Using a lens cleaner may be a cause of damage to the player pick-up part. Do not use them.

- (a) To remove dirt from a disk, use a soft and dry cloth. Clean the plastic lenses of glasses and wipe from the center to the exterior radially.

<CAUTION>

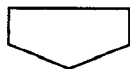
- > Pressing with force or use of a non soft cloth may cause scratches.
- > Record spray /antistatic liquid /alcohol /benzene /thinner or other solvents and chemical wipers may cause damage to the disk so that it won't be able to play anymore.

TROUBLESHOOTING PROCEDURE

1	PUTTING THE CAR IN THE GARAGE
	
2	INQUIRY AND PHENOMENON CHECK

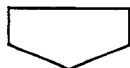
<HINT>

Question sheet (See page 64-8)



3	BASIC CHECK
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- (1) Basic check
- (a) Check the battery voltage by using the tester.
Specified value: 11 - 14 V (when the engine is stopped)
 - (b) Check all the parts that can be done visually should be. This includes blown fuses, wire harness disconnection, short-circuits, connector faulty connection, etc.

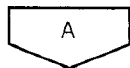


4	STEREO COMPONENT TUNER ASSEMBLY POWER SUPPLY CHECK
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- (1) Stereo component tuner assembly LCD lighting check
- (a) Set ACC to ON.
 - (b) Check if the LCD display back light works and that the LCD properly displays when the Audio POWER switch is set to ON.

Check result	Procedure
No error	A
LCD does not light	B

B LIST BY SYMPTOM "THE POWER IS NOT ON EVEN THOUGH THE POWER SWITCH IS PUSHED" (See page 64-2)

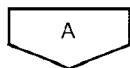


5	LIST BY SYMPTOM
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<HINT>
For a list by condition (see page 64-2)

Check result	Procedure
Does not fall under the list by symptom.	A
Falls under the list by symptom.	B

B TO STEP 7



6	TROUBLESHOOT AS FOLLOWS BASED ON THE SYMPTOM OF THE TROUBLE.
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- (1) ECU terminal sequence (See page 64-10)



7	ADJUST, REPAIR, OR REPLACE
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8	CHECK TEST
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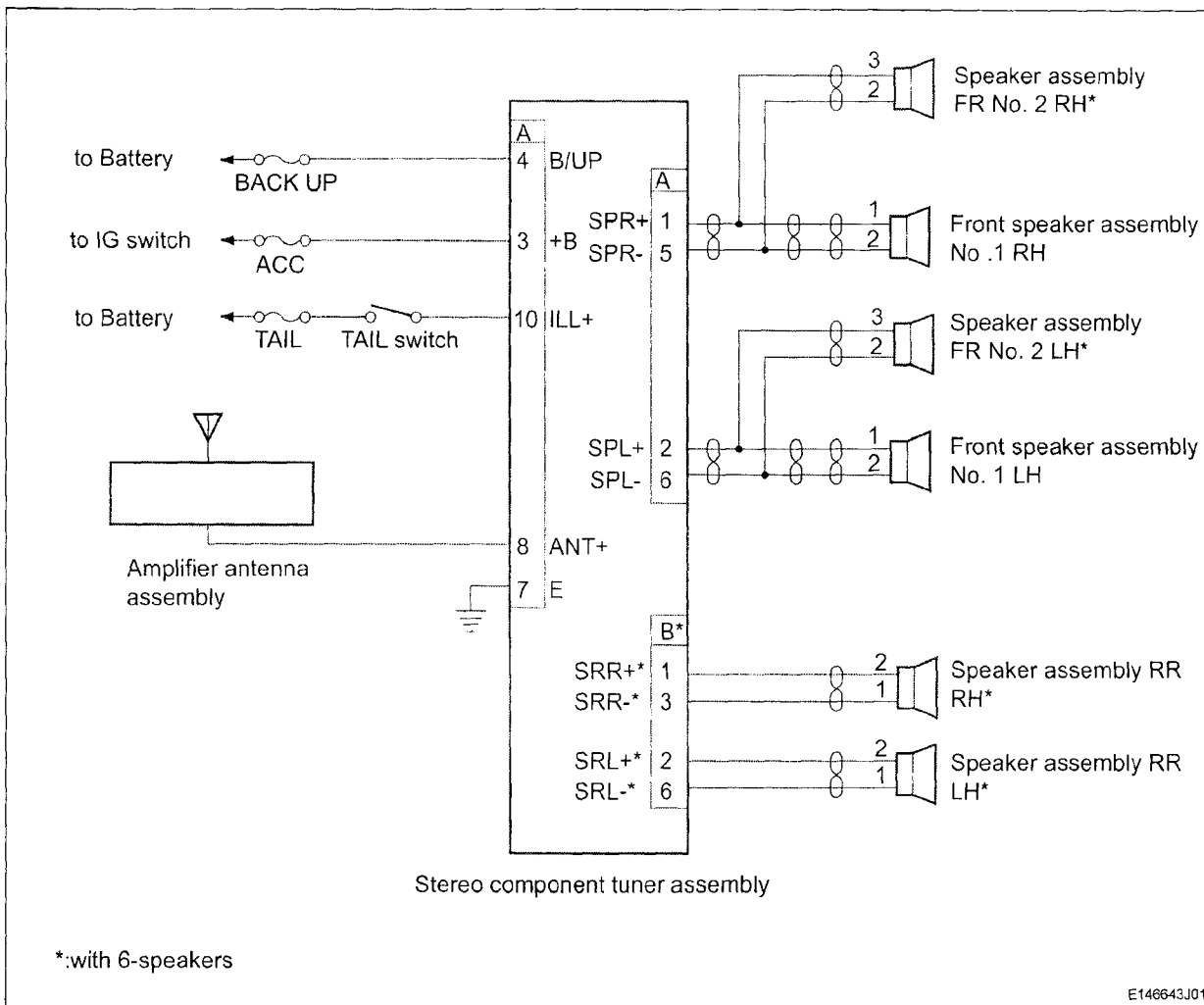
END

INQUIRY SHEET

Audio Problem Diagnosis Check Sheet				Date Vehicle Brought In / /	
Customer's name		License Plate No.		First Registration Year	
		Model		VIN	
Written By	Inspector's name	Engine Type		Odometer Reading km	
Description of Symptoms					
Date Problem First Occured			Date Time		
Frequency Problem Occurs			Constant Occasional (___times per day, ___times per month)		
Condition (Method of use and results)					
Weather	Clear Cloudy Rainy Snowy Others ()			Air Temperature Approx. ()°C	
Road	City Suburbs Highway Others ()			Paved Unpaved	
Problem Symptoms	Switch				
	Radio				
	CD				
	Static				
DTC Check	Device Name (Physical address)		First DTC		Second DTC
	Radio Receiver Assembly (190)				

CIRCUIT DIAGRAM

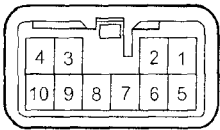
1. Circuit Diagram



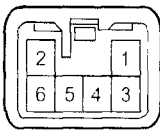
2. Connector list

Stereo component tuner assembly

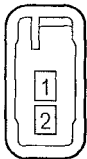
Connector A



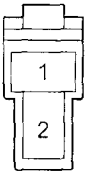
Connector B



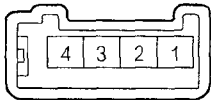
Front speaker assembly No. 1



Speaker assembly RR
(with 6-speakers)



Speaker assembly FR No. 2
(with 6-speakers)



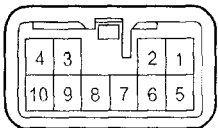
E135753J02

ECU TERMINAL SEQUENCE

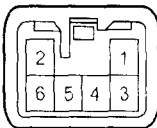
1. Stereo component tuner assembly

Stereo component tuner assembly

Connector A



Connector B



E135754J01

Connector A

Terminal number	Terminal symbol	Input/output	Tester connection Plus ↔ Minus	Item	Measuring condition	Reference	Trouble symptom in non-standard cases O: disconnected wire S: short-circuit with the body
1	SPR+	Output	A1 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the front speaker assembly No. 1 (RH) and the speaker assembly FR No. 2 (RH)
2	SPL+	Output	A2 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the front speaker assembly No. 1 (LH) and the speaker assembly FR No. 2 (LH)
3	+B	Input	A3 ↔ A7	Voltage	When ACC is set to N	11 - 14 V	O: the system does not function S: blown fuse
4	B/UP	Input	A4 ↔ A7	Voltage	Continuously	11 - 14 V	O: the system does not function S: blown fuse
5	SPR-	Output	A5 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the front speaker assembly No. 1 (RH) and the speaker assembly FR No. 2 (RH)
6	SPL-	Output	A6 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the front speaker assembly No. 1 (LH) and the speaker assembly FR No. 2 (LH)
7	E	-	A7 ↔ Body earth	Electrical continuity	Continuously	With electrical continuity	O: small increase in noise
8	ANT+	Output	A8 ↔ Body earth	Voltage	During radio (AM/FM) reception	11 - 14 V	AM/FM bad receiver sensitivity
10	ILL+	Input	A10 ↔ A7	Voltage	With the head lamp dimmer switch set to TAIL	11 - 14 V	O: the LCD does not light S: blown fuse

64

Connector B (6-speaker vehicle)

Terminal number	Terminal symbol	Input/output	Tester connection Plus ↔ Minus	Item	Measuring condition	Reference	Trouble symptom in non-standard cases O: disconnected wire S: short-circuit with the body
1	SRR+	Output	B1 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the speaker assembly RR (RH)
2	SRL+	Output	B2 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the speaker assembly RR (LH)
3	SRR-	Output	B3 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the speaker assembly RR (RH)
6	SRL-	Output	B6 ↔ A7	Waveform	During sound output	A waveform synchronized with the sound is output	No sound is produced from the speaker assembly RR (LH)

IN ALL MODES AND IN ALL SPEAKERS, NOISE OCCURS

Check procedure

1	SPEAKER INSTALLATION CHECK
---	----------------------------

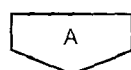
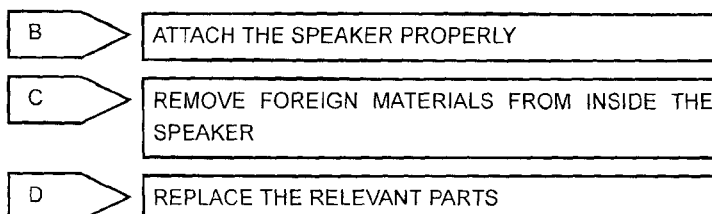
(1) Speaker installation check

- (a) Check if the speakers are tightly attached so that they do not wobble.

(b) Check if there are foreign materials inside the speakers or if the speaker paper cone is worn.

Reference:

A	B	C	D
No speaker error	Faulty speaker installation	Foreign material inside the speaker	Worn speaker paper cone



2	NOISE INTERFERENCE CAUSE IDENTIFICATION
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(1) Identify the noise interference cause with the symptom list here below.

<HINT>

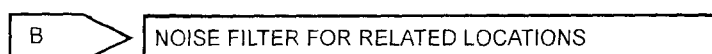
- > Check first if there is external noise. If you neglect this step the source of the noise may remain unclear and that may result in mistaken assumption. Never neglect this.
- > Noise prevention starts from the strongest source of noise downward.
- > When the radio is detuned, very strong noise is generated. The phenomenon is easy to diagnose.

Symptom list

Symptom	Noise interference cause
Pressing the accelerator pedal generates a sound becoming louder. Releasing the pedal stops the sound	Alternator noise
A/C or heater operation generates a buzzing sound	Blower motor noise
Driving on unpaved roads or when accelerating suddenly while IG is set to ON generates a grating sound	Fuel pump noise
When pushing the horn button, a clink noise is heard; when the button is kept pressed a strident noise is heard	Horn noise
A small sound stops when the engine stops	Ignition noise
A sound accompanies the turn signal flashing	Flasher noise
A noise heard when the window washer is operated	Washer noise
A crating noise is heard while the engine is running and stays even after the engine is stopped	Water temperature sensor noise
The contact part of the wiper generates a noise	Wiper noise
When stepping on the brake pedal, a noise is generated	Stop lamp switch noise
Others	Static electricity accumulated in the vehicle

Reference:

A	B
Impossible to identify the source of noise interference	Possible to identify the source of noise interference



A

STEREO COMPONENT TUNER ASSEMBLY CHECK OR REPLACEMENT

NOISE IN THE RADIO SOUND

Check procedure

1 ERROR OCCURRENCE CHECK

(1) Error occurrence check

(a) Check the circumstance in which the noise occurs

A	B
Not related to a location	Related to a specific location

B

WAVES DISTURBANCE

A

2 CHECK PARTS INSTALLED AFTERWARDS (SUN SHADE FILM, ANTENNA ETC)

(1) Check parts installed afterwards

(a) Check if parts like sun shade film or antenna have been installed afterward.

Reference: No parts installed afterwards (includes non-standard wiring)

<HINT>

Devices to prevent noise from impairing normal use are already in use and noise that interferes with the radio should never become too important. When a strong interference occurs, check if the antenna's earth is properly installed, if the noise prevention devices are properly installed and if no non-standard wiring is present.

NG

INFLUENCE OF PARTS INSTALLED AFTERWARDS

OK

3 ANTENNA PLUG REMOVAL CHECK (STEREO COMPONENT TUNER ASSEMBLY PART)

(1) Antenna plug removal check

(a) Operate the stereo component tuner assembly and check if there is noise when the antenna plug is detached from the stereo component tuner assembly.

Reference: No noise interference

NG

STEREO COMPONENT TUNER ASSEMBLY CHECK OR REPLACEMENT

OK

4 AMPLIFIER ANTENNA ASSEMBLY CHECK (INSTALLATION CONDITION)

- (1) Amplifier antenna assembly installation condition check
 (a) Check if the amplifier antenna assembly is tightly attached that it does not wobble.
 Reference: Normal installation

NG

FAULTY INSTALLATION

OK

5 ANTENNA PLUG REMOVAL CHECK (AMPLIFIER ANTENNA ASSEMBLY PART)

- (1) Antenna plug removal check
 (a) Operate the stereo component tuner assembly and check if there is noise when the amplifier antenna assembly and the antenna cable No. 2 connector are detached.
 Reference: No noise interference

OK

AMPLIFIER ANTENNA ASSEMBLY CHECK OR REPLACEMENT

64

NG

6 ANTENNA PLUG REMOVAL CHECK (ANTENNA CABLE PART)

- (1) Antenna plug removal check
 (a) Operate the stereo component tuner assembly and check if there is noise when the antenna cable No. 1 and the antenna cable No. 2 connector are detached.
 Reference: No noise interference

NG

ANTENNA CABLE No.1 REPLACEMENT

OK

ANTENNA CABLE NO. 2 REPLACEMENT

RADIO IS NOT RECEIVED (BAD RECEPTION).

Check procedure

1 ERROR OCCURRENCE CHECK

- (1) Error occurrence check
 (a) Check the circumstance in which the noise occurs
 Reference

A	B
Not related to a location	Related to a specific location

B → WAVES DISTURBANCES (WAVES CONDITION AND OTHER EXTERNAL CAUSES)

A

2 CHECK PARTS INSTALLED AFTERWARDS (SUN SHADE FILM, ANTENNA ETC)

- (1) Check parts installed afterwards
 (a) Check if parts like sun shade film or antenna have been installed afterward.

Reference: No parts installed afterwards

<HINT>

Devices to prevent noise from impairing normal use are already in use and noise that interferes with the radio should never become too important.

When a strong interference occurs, check if the antenna's earth is properly installed, if the standard noise prevention devices are installed and if no non-standard wiring is present.

NG → INFLUENCE OF PARTS INSTALLED AFTERWARDS

OK

64

3 ANTENNA NOISE OCCURRENCES CHECK

- (1) Antenna noise occurrences check
 (a) Turn IG ON or ACC to ON, the radio power to on, and the mode to AM.
 (b) Remove antenna rod.
 (c) Check if putting a screwdriver on the screw part of the amplifier antenna assembly antenna rod installation generates noise.

Reference: Noise is generated (rasping sound)

OK → STEREO COMPONENT TUNER ASSEMBLY REPLACEMENT

NG

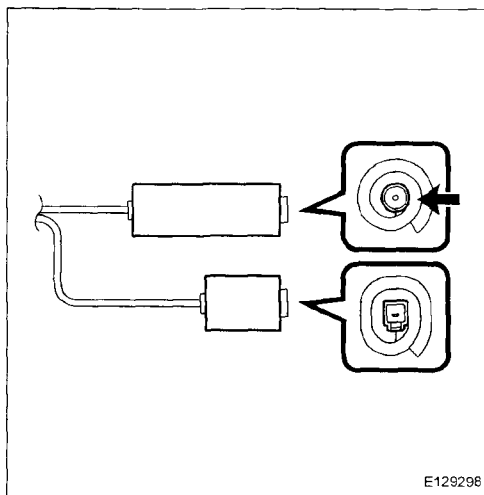
4 AMPLIFIER ANTENNA ASSEMBLY CHECK (INSTALLATION CONDITION)

- (1) Earth check
 (a) Check if the antenna's earth is properly attached to the body.
 Reference: Normal installation

NG → PROPERLY ATTACHED

OK

5 ANTENNA CABLE NO. 2 CHECK



- (1) Preparation before check
 - (a) Make the connection between the amplifier antenna assembly and the antenna cable No. 2 visible.
 - (b) Detach the amplifier antenna assembly and the antenna cable No. 2 connection part.
- (2) Noise generation check
 - (a) Set ACC to ON when the stereo component tuner assembly connector is attached.
 - (b) Turn the radio power ON and set the mode to AM.
 - (c) Check if noise is generated in the speakers when putting a thin-blade flathead screwdriver or a thin wire on the antenna cable No. 2's antenna jack part.
- (3) Voltage check
 - (a) Measure the voltage between the ANT (+) terminal from the antenna cable No. 2 connector's back side and the body earth using the tester.

Reference: Noise is generated (rasping sound)

Specified value:

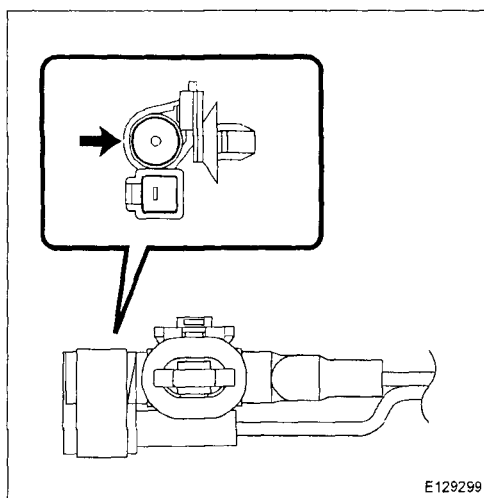
Measuring terminal	Measuring condition	Specified value:
ANT (+) ↔ body earth	During radio (AM/FM) reception	11 - 14 V

OK

AMPLIFIER ANTENNA ASSEMBLY REPLACEMENT

NG

6 ANTENNA CABLE NO. 1 CHECK



- (1) Preparation before check
 - (a) Make the connection between the antenna cable No. 1 and the antenna cable No. 2 visible.
 - (b) Detach the antenna cable No. 1 and the antenna cable No. 2 connection part.
- (2) Noise generation check
 - (a) Set ACC to ON when the stereo component tuner assembly connector is attached.
 - (b) Turn the radio power ON and set the mode to AM.
 - (c) Check if noise is generated in the speakers when putting a thin-blade flathead screwdriver or a thin wire on the antenna cable No. 1's antenna jack part.
- (3) Voltage check
 - (a) Measure the voltage between the ANT (+) terminal from the antenna cable No. 1 connector's back side and the body earth using the tester.

Reference: Noise is generated (rasping sound)

Specified value:

Measuring terminal	Measuring condition	Specified value:
ANT(+) ↔ body earth	During radio (AM/FM) reception	11 - 14 V

OK

ANTENNA CABLE NO. 2 REPLACEMENT

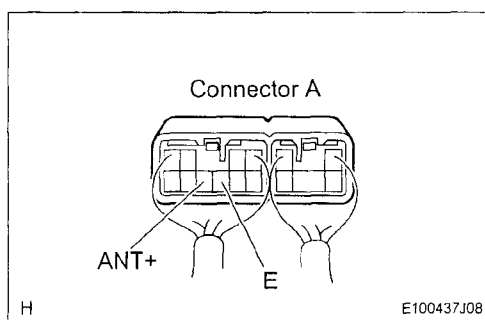
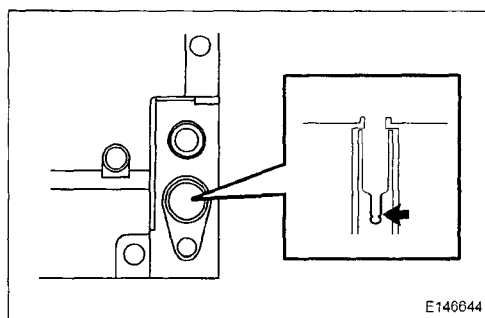
NG

7

STEREO COMPONENT TUNER ASSEMBLY CHECK

- (1) Preparation before check
 - (a) Make the stereo component tuner assembly removable.
 - (b) Disconnect plug of antenna.
- (2) Noise generation check
 - (a) Set ACC to ON when the stereo component tuner assembly connector is attached.
 - (b) Turn the radio power ON and set the mode to AM.
 - (c) Check if noise is generated in the speakers when putting a thin-blade flathead screwdriver or a thin wire on the stereo component tuner assembly's antenna jack part.

Reference: Noise is generated (rasping sound)



- (3) Voltage check
 - (a) Measure the voltage between A8 (ANT+) and A7 (E) from the connector's back side when the connector of the wire harness on the vehicle side is connected

Specified value:

Measuring terminal	Measuring condition	Specified value:
A8 (ANT+) ↔ A7 (E)	During radio (AM/FM) reception	11 - 14 V

NG

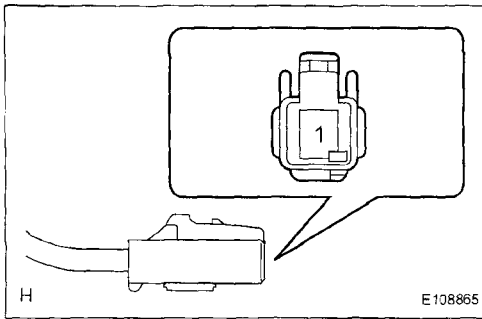
STEREO COMPONENT TUNER ASSEMBLY CHECK OR REPLACEMENT

OK

8

WIRE HARNESS OR CONNECTOR CHECK (BETWEEN STEREO COMPONENT TUNER ASSEMBLY AND ANTENNA CABLE NO. 1)

- (1) Preparation before check
 - (a) Make the connection between the antenna cable No. 1 and the wire harness of the vehicle side visible.
 - (b) Detach the antenna cable No. 1 and the wire harness of the vehicle side connection part.



(2) Voltage check

- (a) Measure the voltage between the 1 (+) terminal and the body earth from the wire harness of the vehicle side connector's back side using the tester.

Specified value:

Measuring terminal	Measuring condition	Specified value
1 (+) ↔ body earth	During radio (AM/FM) reception	11-14V

OK

ANTENNA CABLE NO. 1 REPLACEMENT

NG

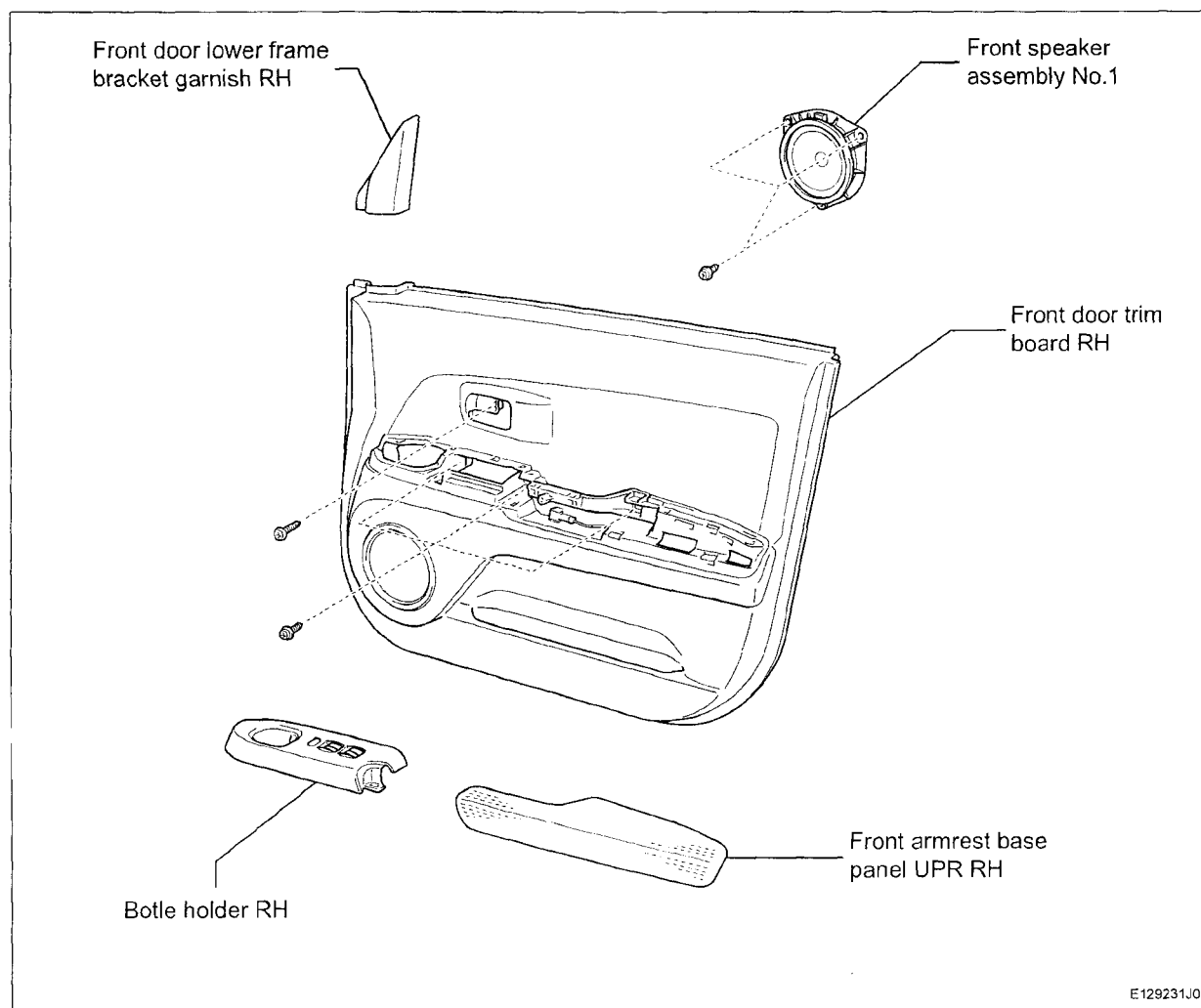
WIRE HARNESS OR CONNECTOR REPAIR OR REPLACEMENT (BETWEEN STEREO COMPONENT TUNER ASSEMBLY AND ANTENNA CABLE NO. 1)

FRONT SPEAKER ASSEMBLY NO. 1 (with 2-Speakers)

PRECAUTION

1. Use/precautions
 - (1) Do not touch the paper cone of the front speaker assembly No. 1.

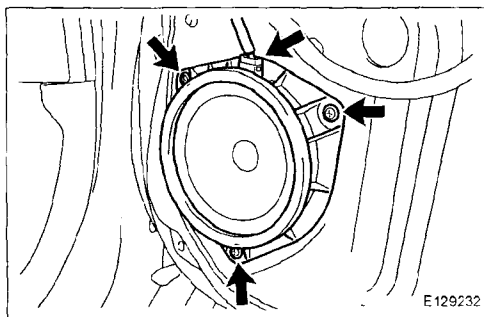
COMPONENTS



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REMOVAL

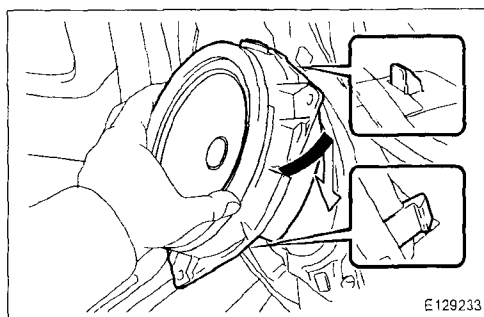
1. Battery minus terminal disconnection
2. Front door lower frame bracket garnish RH removal (See page 80-13)
3. Front armrest base panel UPR RH removal (See page 80-12)
4. Bottle holder RH removal (See page 80-13)
5. Front door trim board RH removal (See page 80-14)



6. Front speaker assembly No. 1 removal

- (1) Disconnect the connector.
- (2) Remove the 3 screws and then remove the front speaker assembly No. 1.

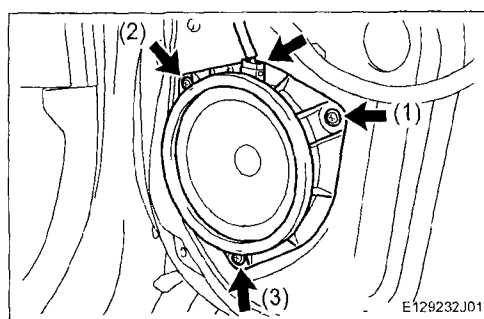
INSTALLATION



1. Front speaker assembly No. 1 installation

- (1) Suspend the front speaker assembly No. 1 temporary placing tab according to the diagram.

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- (2) Attach the front speaker assembly No. 1 by tightening the 3 screws in the order indicated by the diagram.
- (3) Connect the connector.

2. Front door trim board RH installation (See page 80-26)
3. Bottle holder RH installation (See page 80-27)
4. Front armrest base panel UPR RH installation (See page 80-27)
5. Front door lower frame bracket garnish RH installation (See page 80-26)
6. Battery minus terminal connection
Specified value: $T=6.4\text{N}\cdot\text{m}$ {65kgf*cm}

INSPECTION

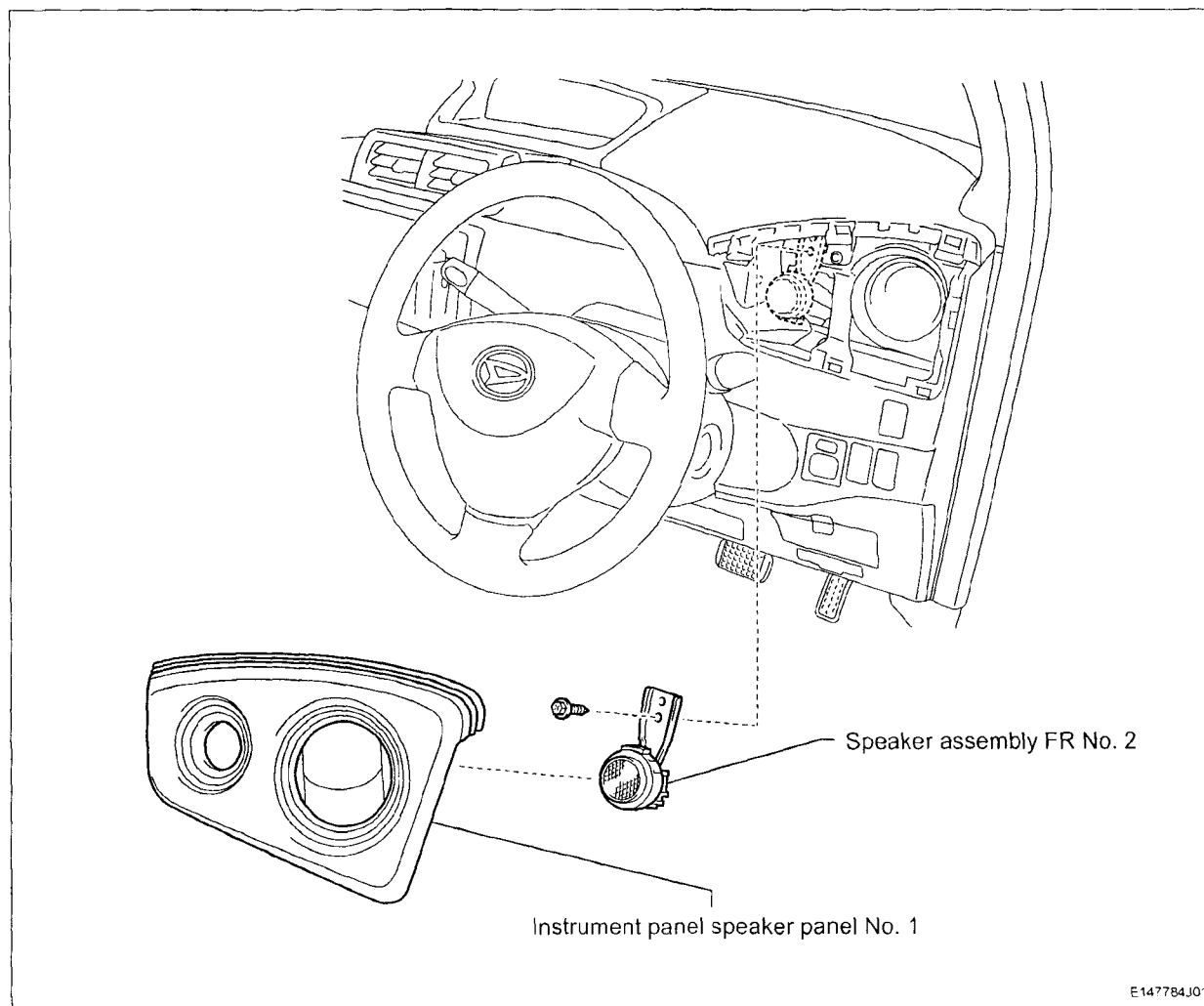
1. Front speaker assembly No. 1 check
 - (1) Check if the speakers are tightly attached and that they do not wobble
 - (2) Check if there are foreign materials inside the speakers or if the speaker paper cone is worn.
 - (3) Resistance check
 - (a) Detach the speaker connector.
 - (b) Check the resistance between speaker's terminals using the tester.
Specified value: About 4 W
<HINT>
Check without detaching the speaker.

SPEAKER ASSEMBLY FR NO. 2 (with 6-Speakers)

PRECAUTION

1. Use/precautions
 - (1) Do not touch the paper cone of the speaker assembly FR No. 2.

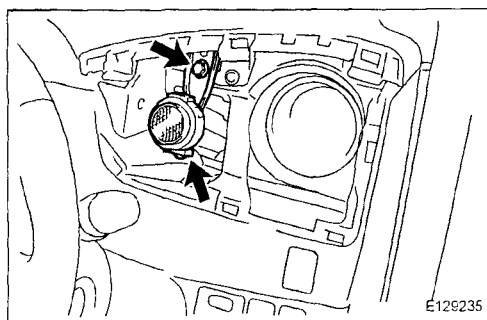
COMPONENTS



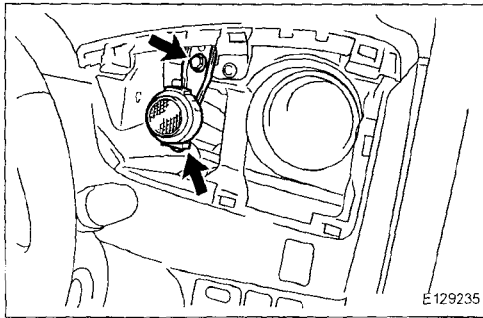
64

REMOVAL

1. Battery minus terminal disconnection
2. Instrument panel speaker panel No. 1 removal (See page 78-19)
3. Speaker assembly FR No. 2 removal
 - (1) Remove the bolt.
 - (2) Detach the connector and remove the speaker assembly FR No. 2.



INSTALLATION



1. Speaker assembly FR No. 2 installation
 - (1) Connect the connector.
 - (2) Use a bolt to attach the speaker assembly FR No. 2.

2. Instrument panel speaker panel No. 1 installation (See page 78-33)
3. Battery minus terminal connection
Specified value: $T=6.4N \cdot m$ {65kgf $\cdot$ cm}

INSPECTION

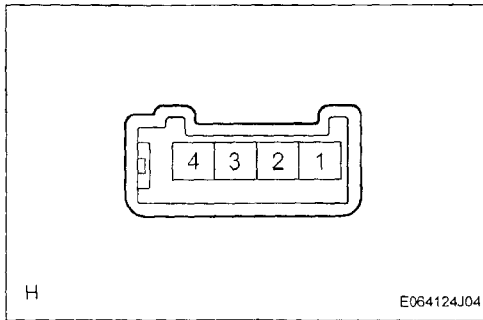
1. Speaker assembly FR No. 2 check
 - (1) Check if the speakers are tightly attached and that they do not wobble
 - (2) Check if there are foreign materials inside the speakers or if the speaker paper cone is worn.

- (3) Conductivity check

- (a) Check the continuity between the connector terminals using the tester.

Reference

Terminal symbol (terminal number)	Measuring condition	Reference
SPR+(4) ↔ +(3)	Continuously	With electrical continuity
SPR-(1) ↔ -(2)	Continuously	With electrical continuity



- (4) Winding check
 - (a) Replace with a normal speaker assembly and re-operate.

Reference: Normal return

<HINT>

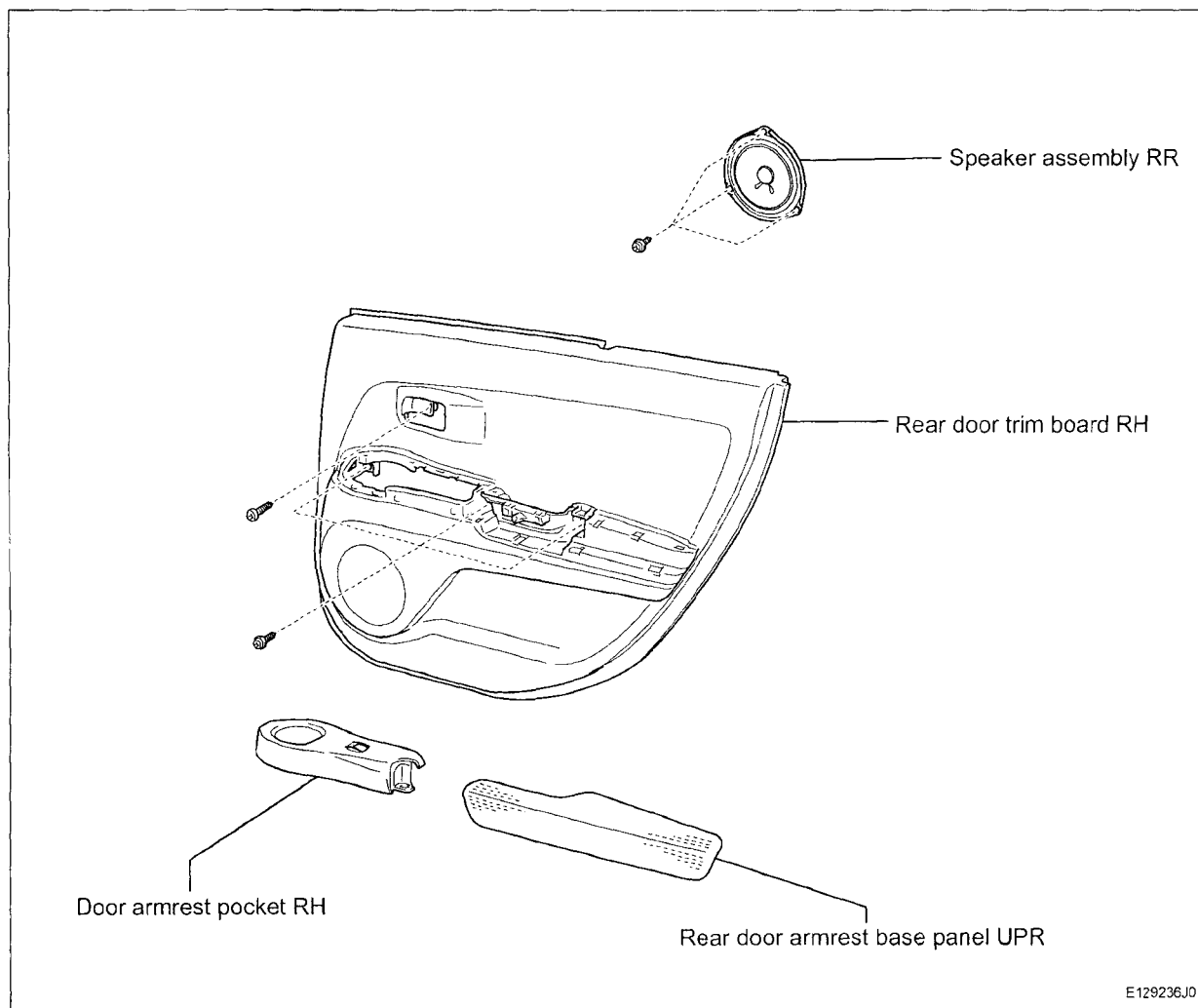
When it is possible that one of the speaker assembly FR No. 2 is faulty, change the right one for the left one and check again.

SPEAKER ASSEMBLY RR (with 6-Speakers)

PRECAUTION

1. Use/precautions
 - (1) Do not touch the paper cone of the speaker assembly RR.

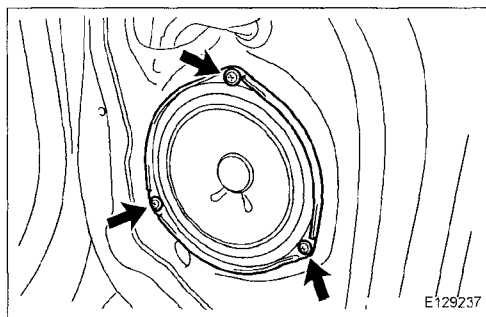
COMPONENTS



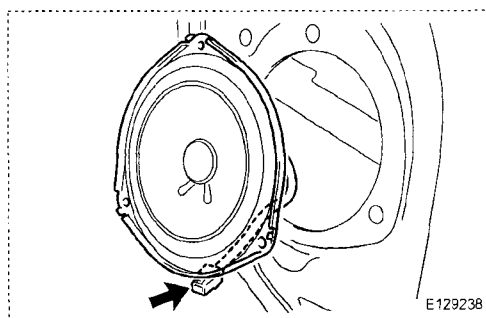
64

REMOVAL

1. Battery minus terminal disconnection
2. Rear door armrest base panel UPR removal (See page 80-32)
3. Rear door armrest pocket RH removal (See page 80-32)
4. Rear door trim board RH removal (See page 80-32)



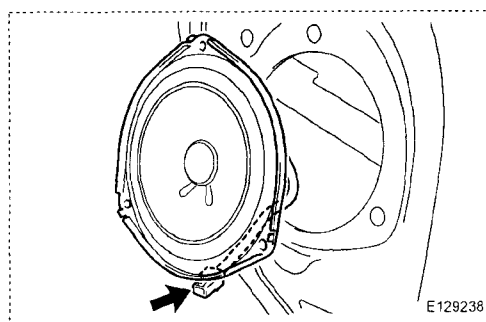
5. Speaker assembly RR removal
 - (1) Remove three screws.



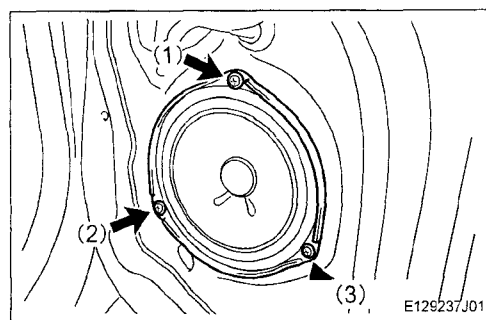
- (2) Detach the connector and remove the speaker assembly RR.

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INSTALLATION



1. Speaker assembly RR installation
 - (1) Connect the connector.



- (2) Attach the speaker assembly RR by tightening the 3 screws in the order indicated by the diagram.

2. Rear door trim board RH installation (See page 80-42)
3. Door armrest pocket RH installation (See page 80-43)
4. Rear door armrest base panel UPR installation (See page 80-43)
5. Battery minus terminal connection
Specified value: $T=6.4N \cdot m$ {65kgf*cm}

INSPECTION

1. Speaker assembly RR check

- (1) Check if the speakers are tightly attached that they do not wobble
 - (2) Check if there are foreign materials inside the speakers or if the speaker paper cone is worn.
 - (3) Resistance check
 - (a) Check the resistance between speaker's terminals using the tester.
- Specified value: About 4 W

STEREO COMPONENT TUNER ASSEMBLY

PRECAUTION

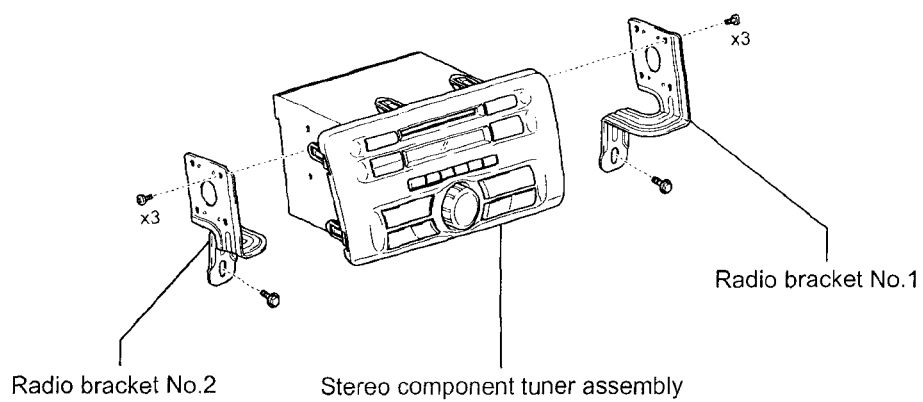
1. Use/precautions

- (1) Explain to the client that if the minus terminal is detached from the battery during the operation, AM · FM channel data registered in the stereo component tuner assembly will be lost. If resetting is required, record the channel data separately and reset the data after the minus terminal is re-connected to the battery.
- (2) Remove the stereo component tuner assembly after ejecting the audio disk inside if any.

<HINT>

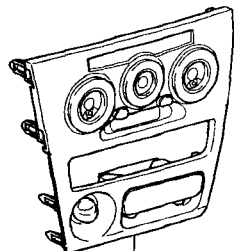
If, because of the damage, the audio disk cannot be ejected, do not try to take it out forcibly but leave it inside and send to repairs.

COMPONENTS



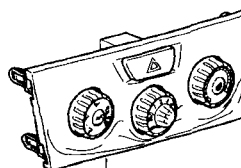
64

LHD :



Instrument cluster
finish panel LWR CTR

RHD :



Instrument panel
finish panel LWR CTR

REMOVAL

1. Battery minus terminal disconnection

<HINT>

Before disconnecting the battery minus terminal, set the parking brake and shift to neutral position.

2. Instrument panel finish panel LWR CTR removal (RHD) (See page 78-17)

3. Instrument cluster finish panel LWR CTR removal (RHD) (See page 52-44)

4. Air mix damper control cable disconnection (RHD) (See page 52-44)

5. Defroster damper control cable disconnection (RHD) (See page 52-44)

6. Air inlet damper control cable disconnection (RHD) (See page 52-45)

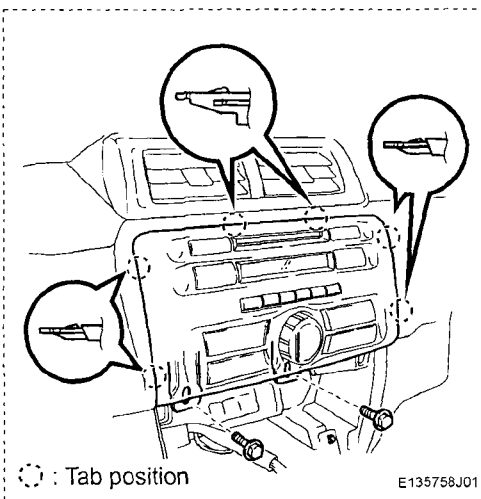
7. Instrument cluster finish panel LWR CTR removal (LHD) (See page 52-51)

8. Stereo component tuner assembly removal

(1) Remove the 2 bolts.

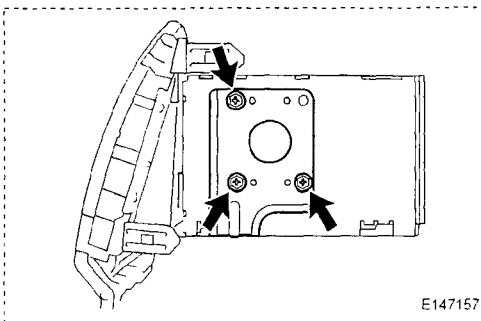
(2) Remove the 6 tab fittings.

(3) Detach the connector and remove the stereo component tuner assembly.



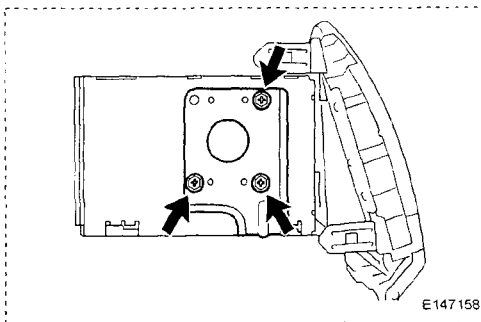
9. Radio bracket No. 2 removal

(1) Remove the 3 screws and then the radio bracket No. 2.

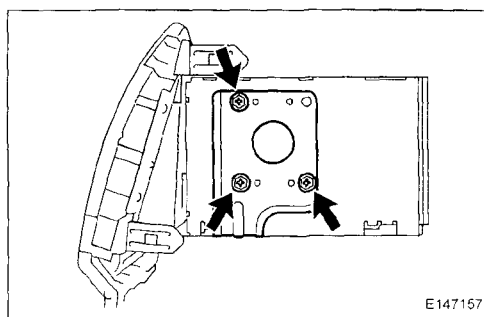


10. Radio bracket No. 2 removal

(1) Remove the 3 screws and then the radio bracket No. 2.

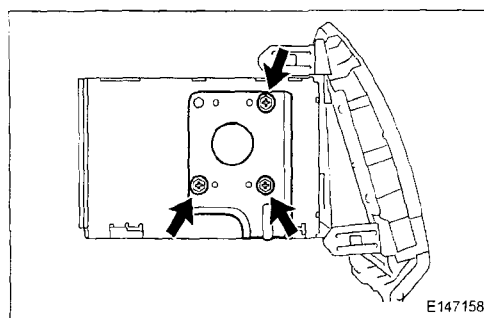


INSTALLATION



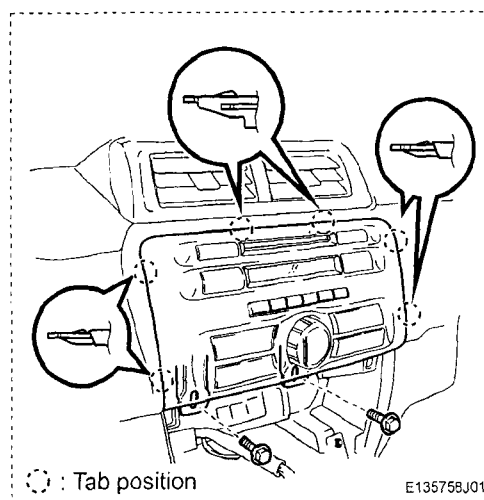
1. Radio bracket No. 1 installation

- (1) Use the three screws to attach the radio bracket No. 1.



2. Radio bracket No. 2 installation

- (1) Use the three screws to attach the radio bracket No. 2.



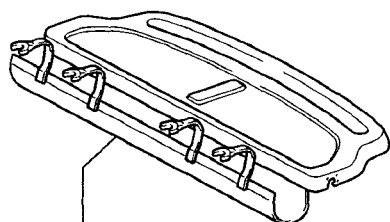
3. Stereo component tuner assembly installation

- (1) Connect each connector
- (2) Fit the 6 tabs and use the 2 bolts to attach the stereo component tuner assembly.

4. Air inlet damper control cable connection (RHD) (See page 52-48)
5. Defroster damper control cable connection (RHD) (See page 52-48)
6. Air mix damper control cable connection (RHD) (See page 52-48)
7. Instrument cluster finish panel LWR CTR installation (RHD) (See page 78-35)
8. Instrument cluster finish panel LWR CTR installation (LHD) (See page 52-55)
9. Instrument panel finish panel LWR CTR installation (RHD) (See page 78-35)
10. Battery minus terminal connection
Specified value: $T=6.4\text{N}\cdot\text{m}$ {65kgf*cm}

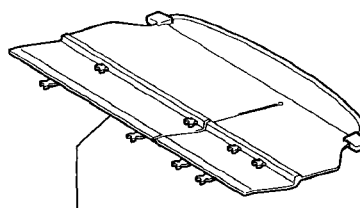
AMPLIFIER ANTENNA ASSEMBLY COMPONENTS

with Package tray trim panel:



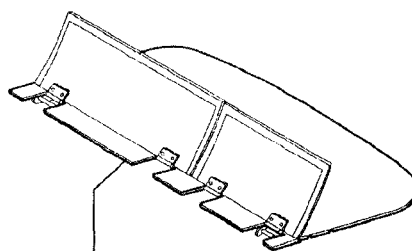
Package tray trim panel assembly

with Tonneau cover:



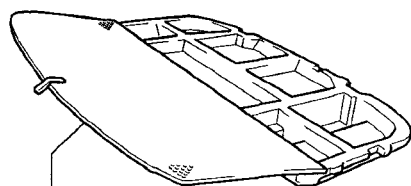
Tonneau cover assembly

with Deck board:



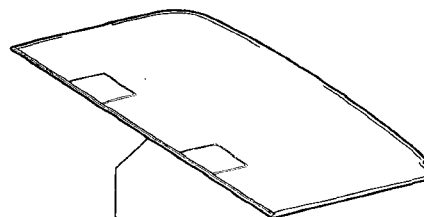
Deck board assembly

with Spare tire (temporary tire):



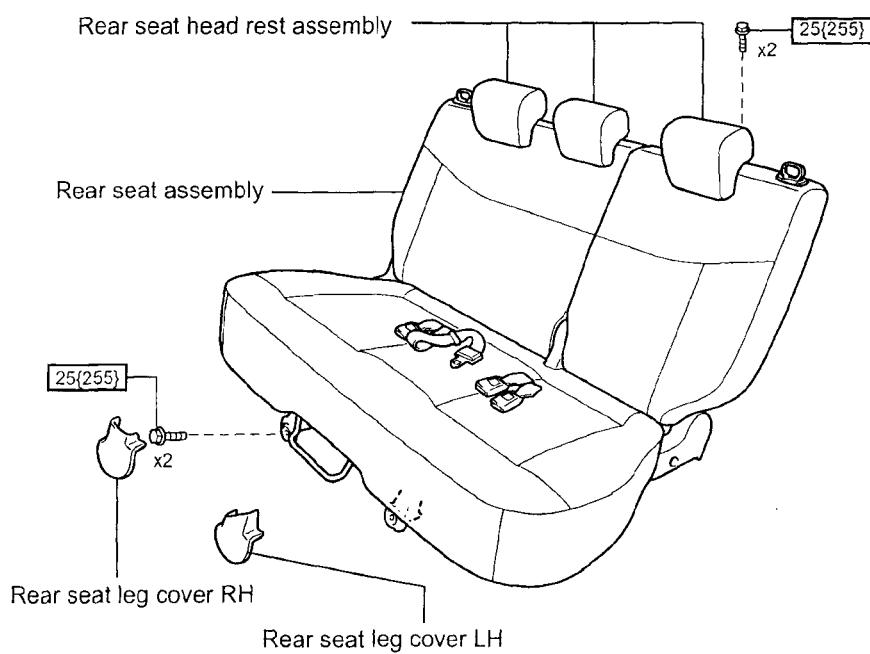
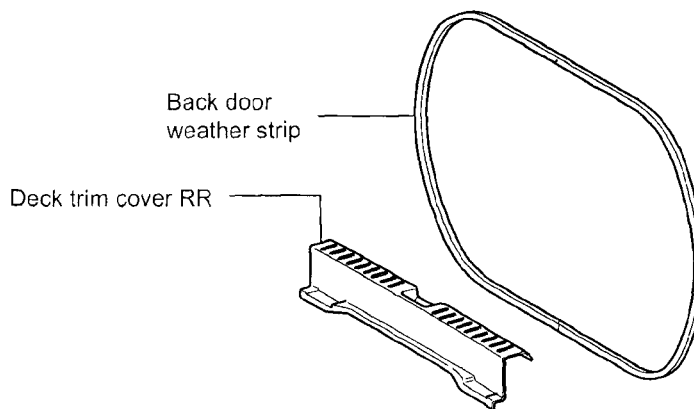
Rear floor board No. 1

with Spare tire (ground tire):



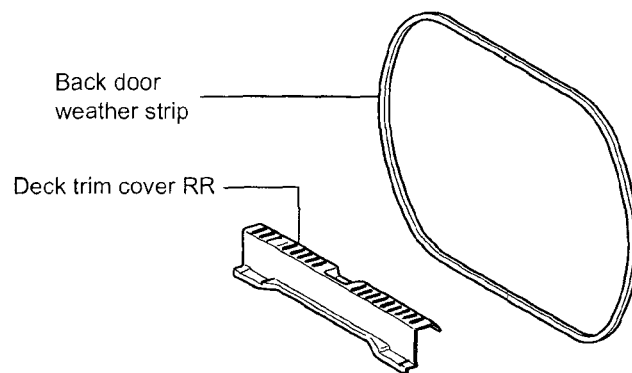
Rear floor board No. 1

Sliding seat:

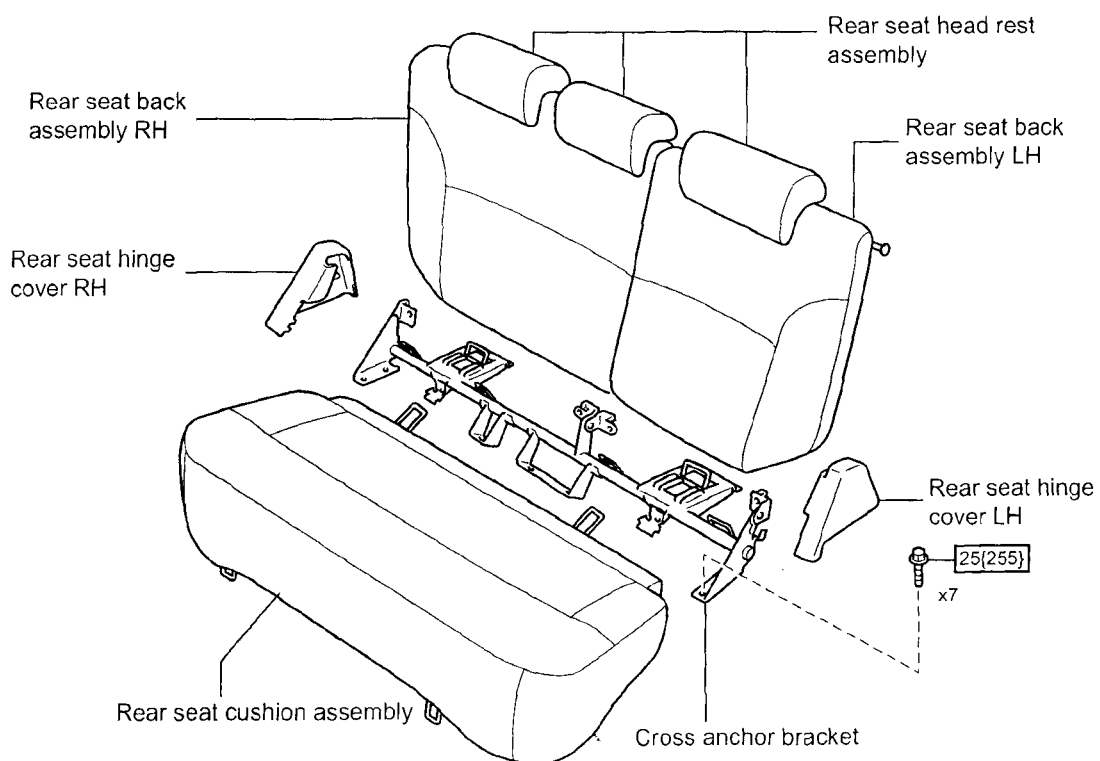


$\boxed{\text{N} \cdot \text{m} \{ \text{kgf} \cdot \text{cm} \}}$: Specified torque

Fixed seat:



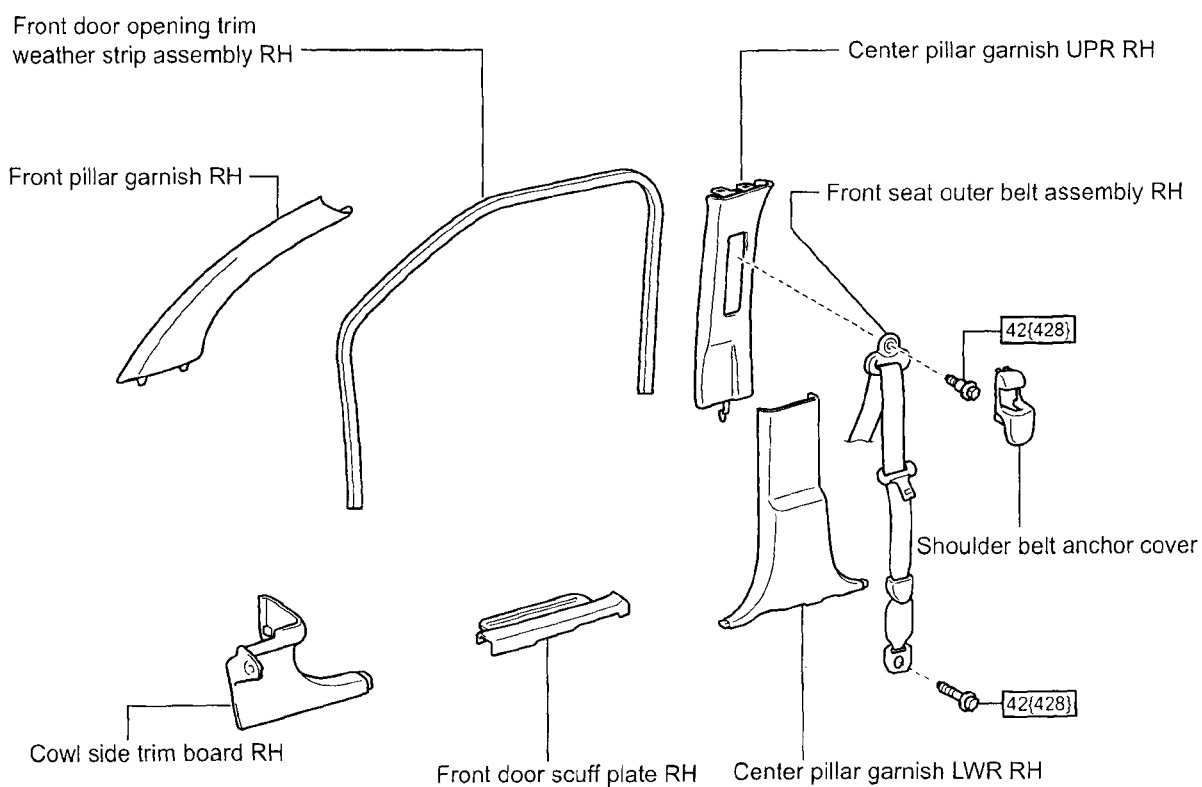
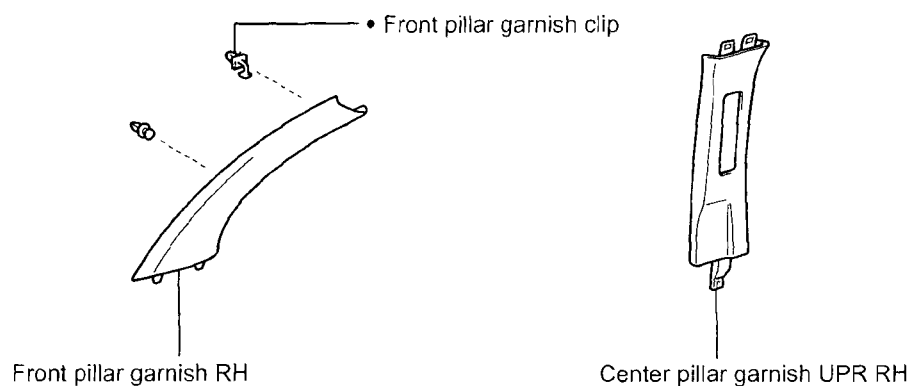
64



$\boxed{\text{N} \cdot \text{m} \{ \text{kgf} \cdot \text{cm} \}}$: Specified torque

B168188J01

with Curtain shield airbag:

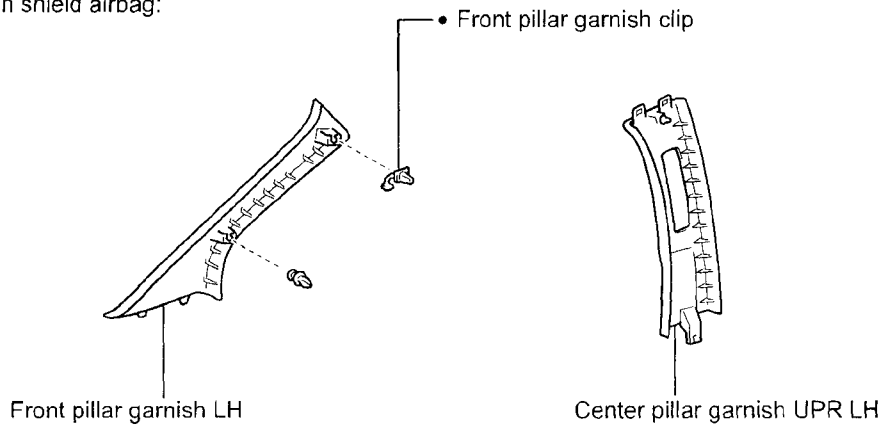


64

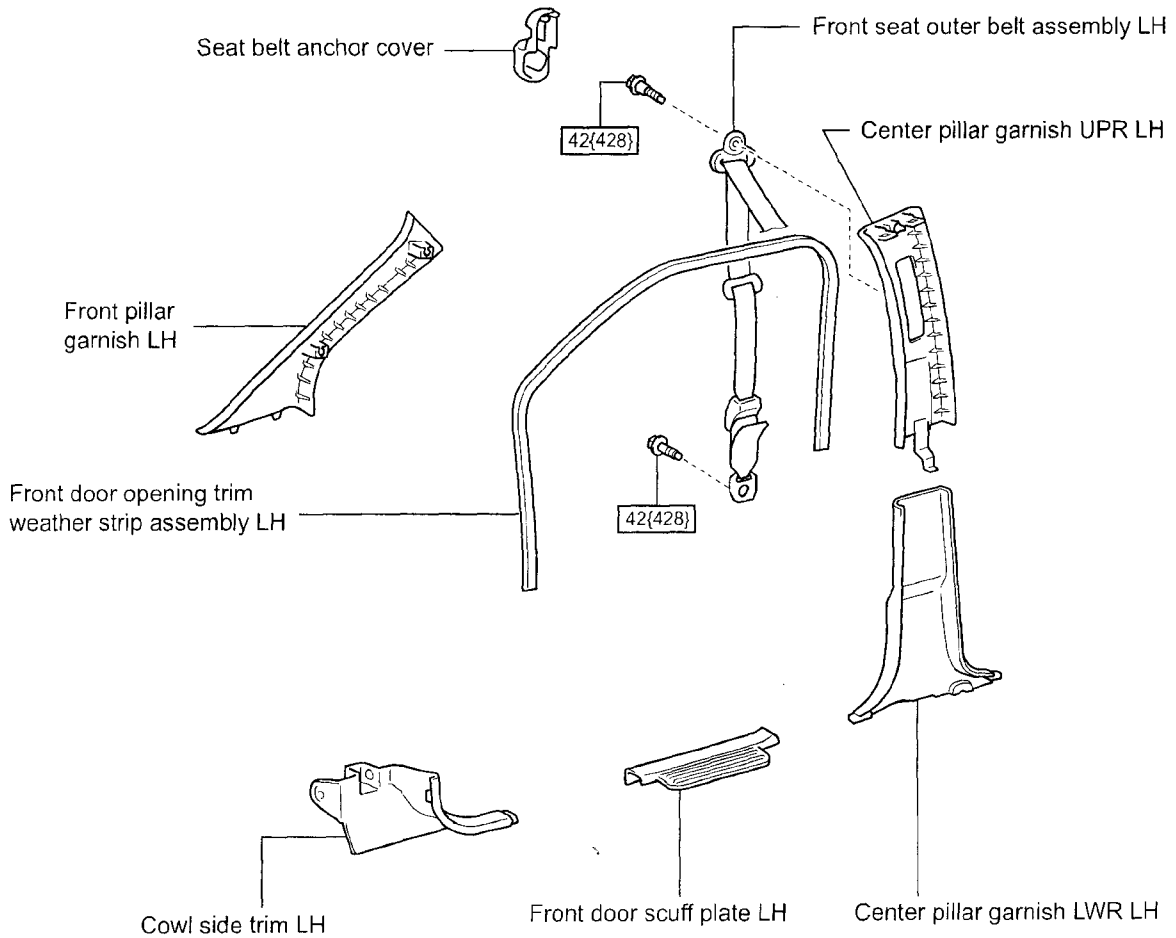
N*m {kgf*cm}: Specified torque

• Non-reusable part

with Curtain shield airbag:

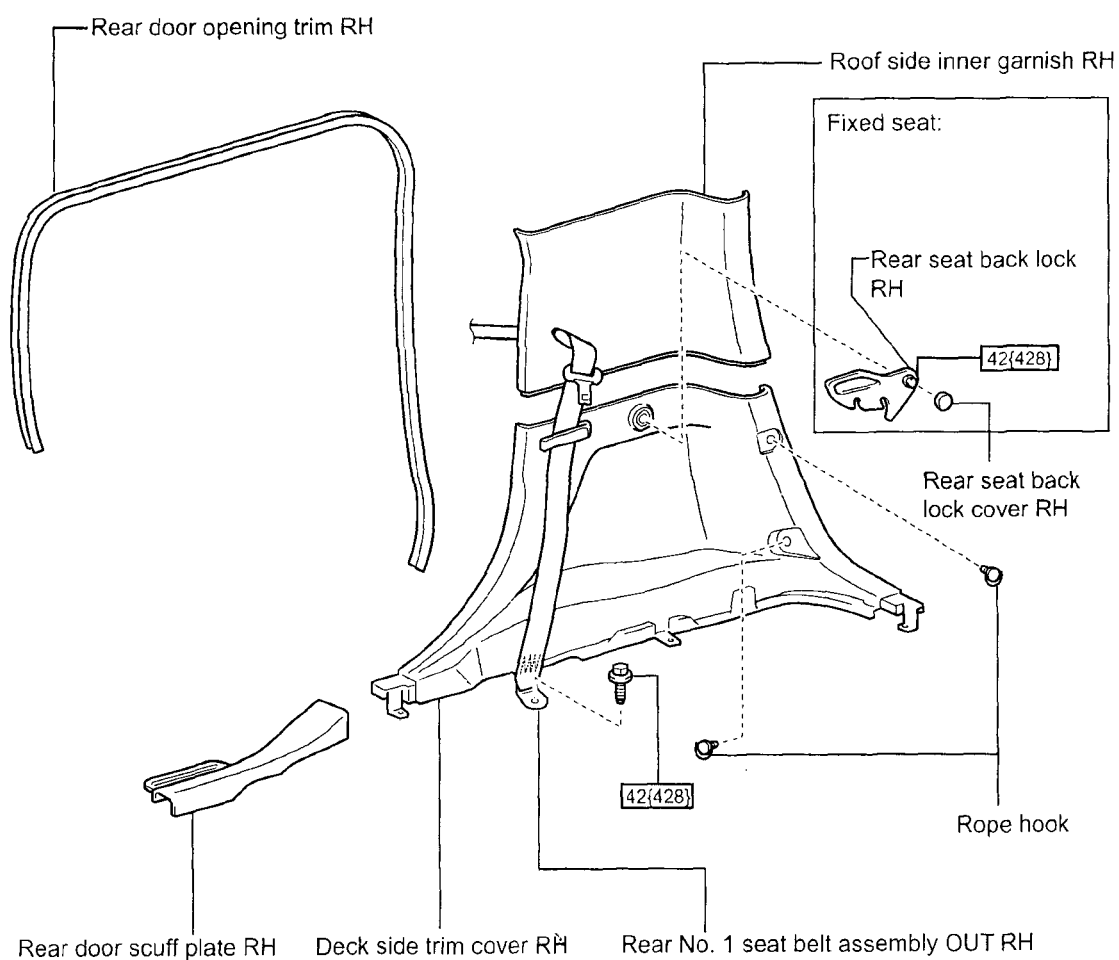
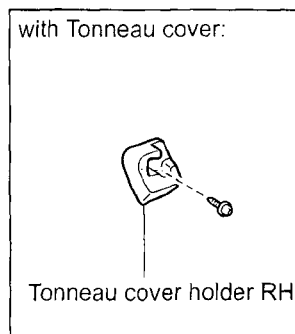
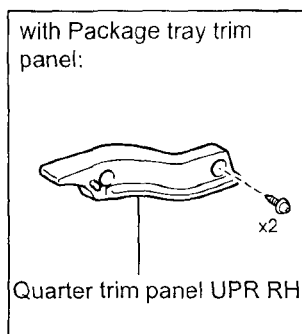


64

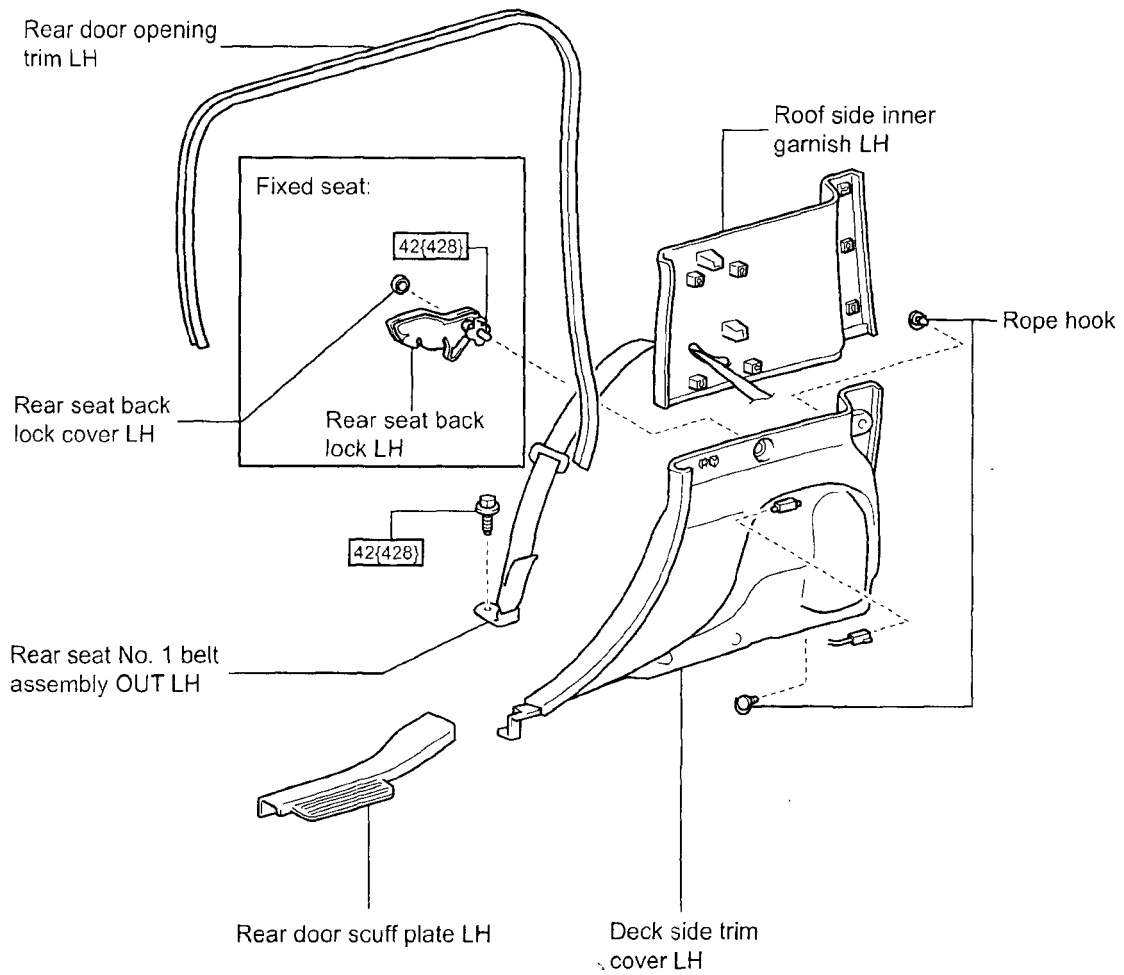
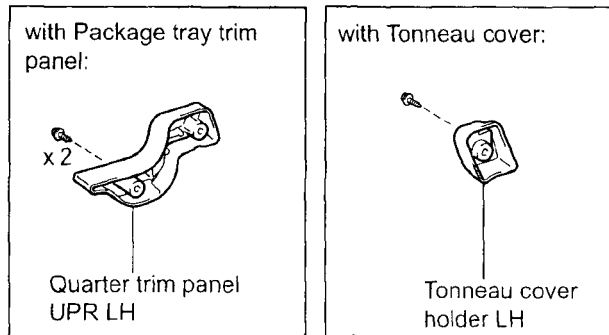


$\boxed{\text{N}\cdot\text{m} \{ \text{kg}\cdot\text{cm} \}}$: Specified torque

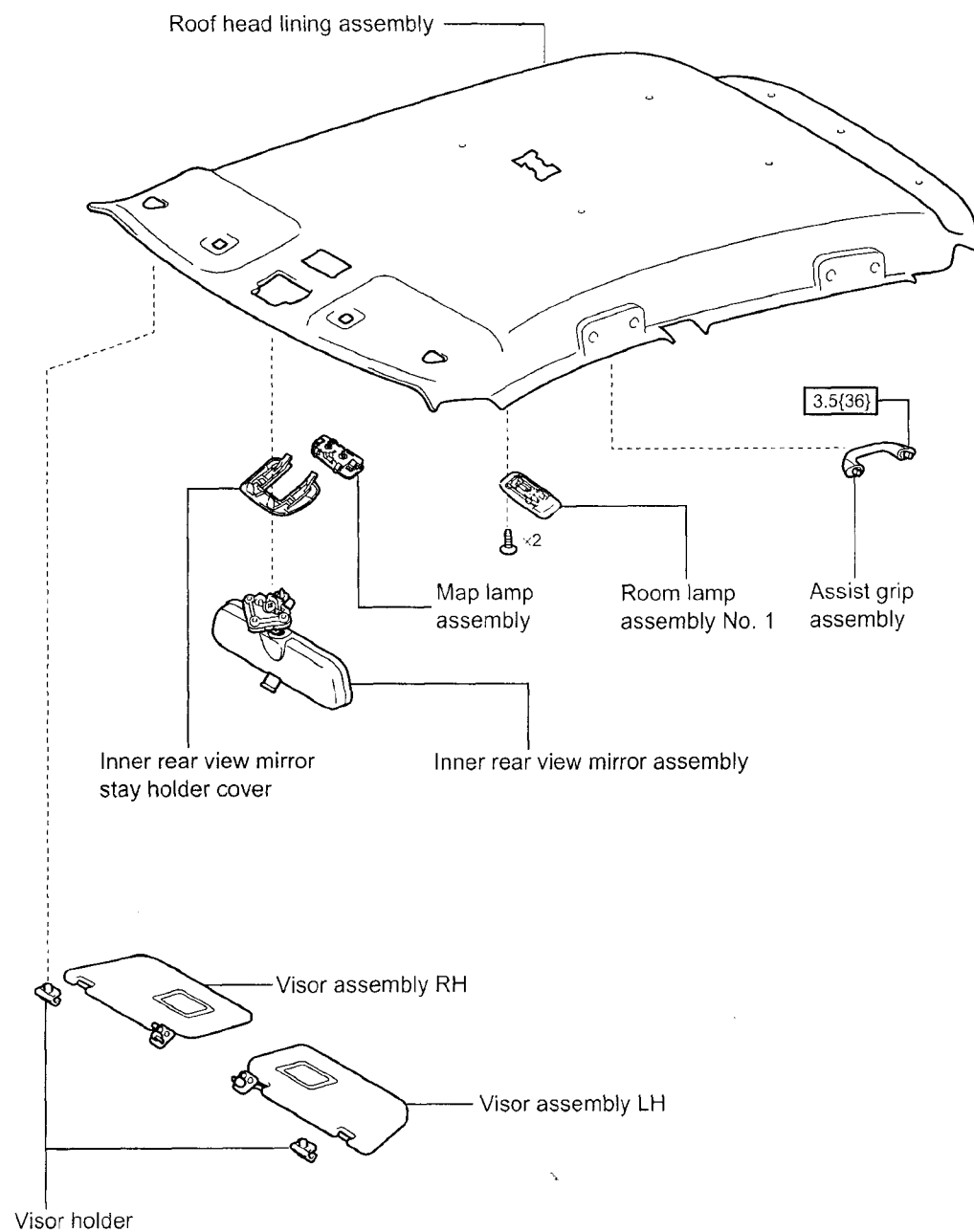
• Non-reusable part



N*m {kgf*cm} : Specified torque

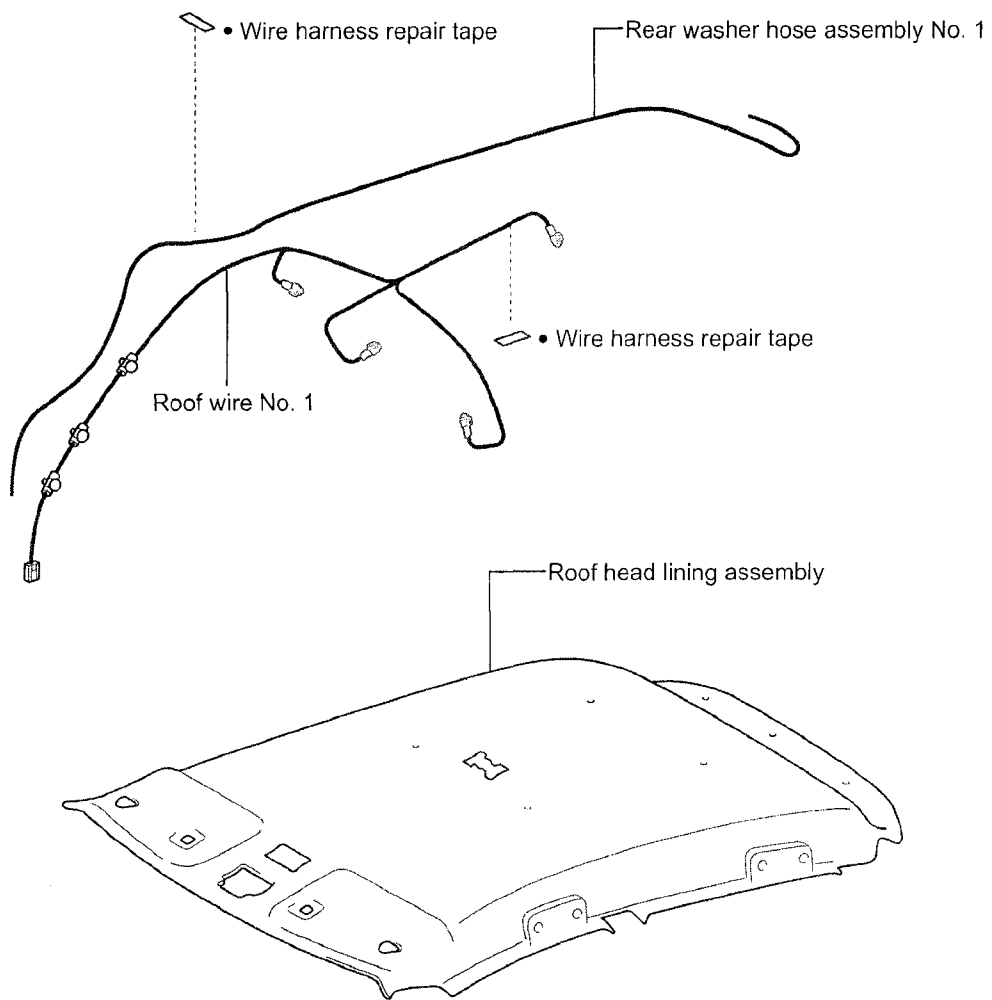


$\text{N}\cdot\text{m}$ { $\text{kgf}\cdot\text{cm}$ } : Specified torque



$\boxed{\text{N}^*\text{m} \{ \text{kgf}^*\text{cm} \}}$: Specified torque

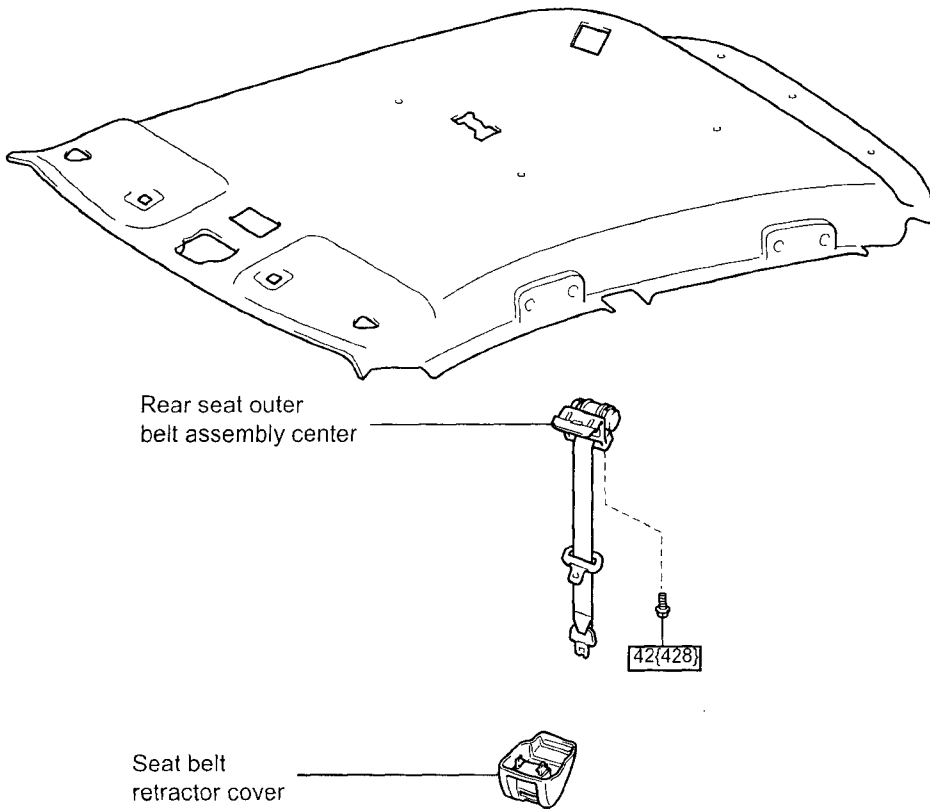
64



• Nonreusable part

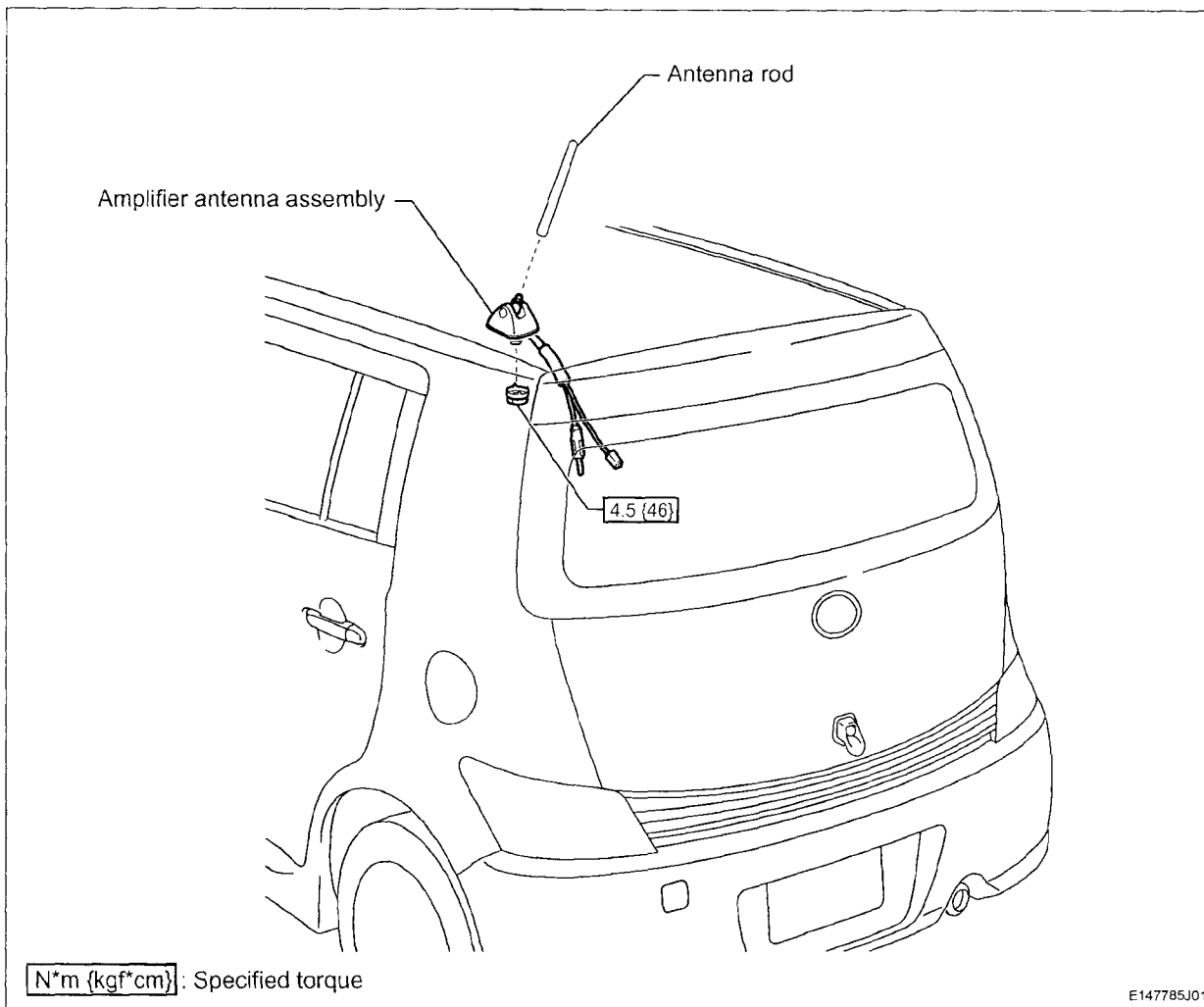
B161407J02

with Rear seat outer belt assembly center:



64

$\boxed{\text{N}\cdot\text{m (kgf}\cdot\text{cm)}}$: Specified torque



REMOVAL

<WARNING>

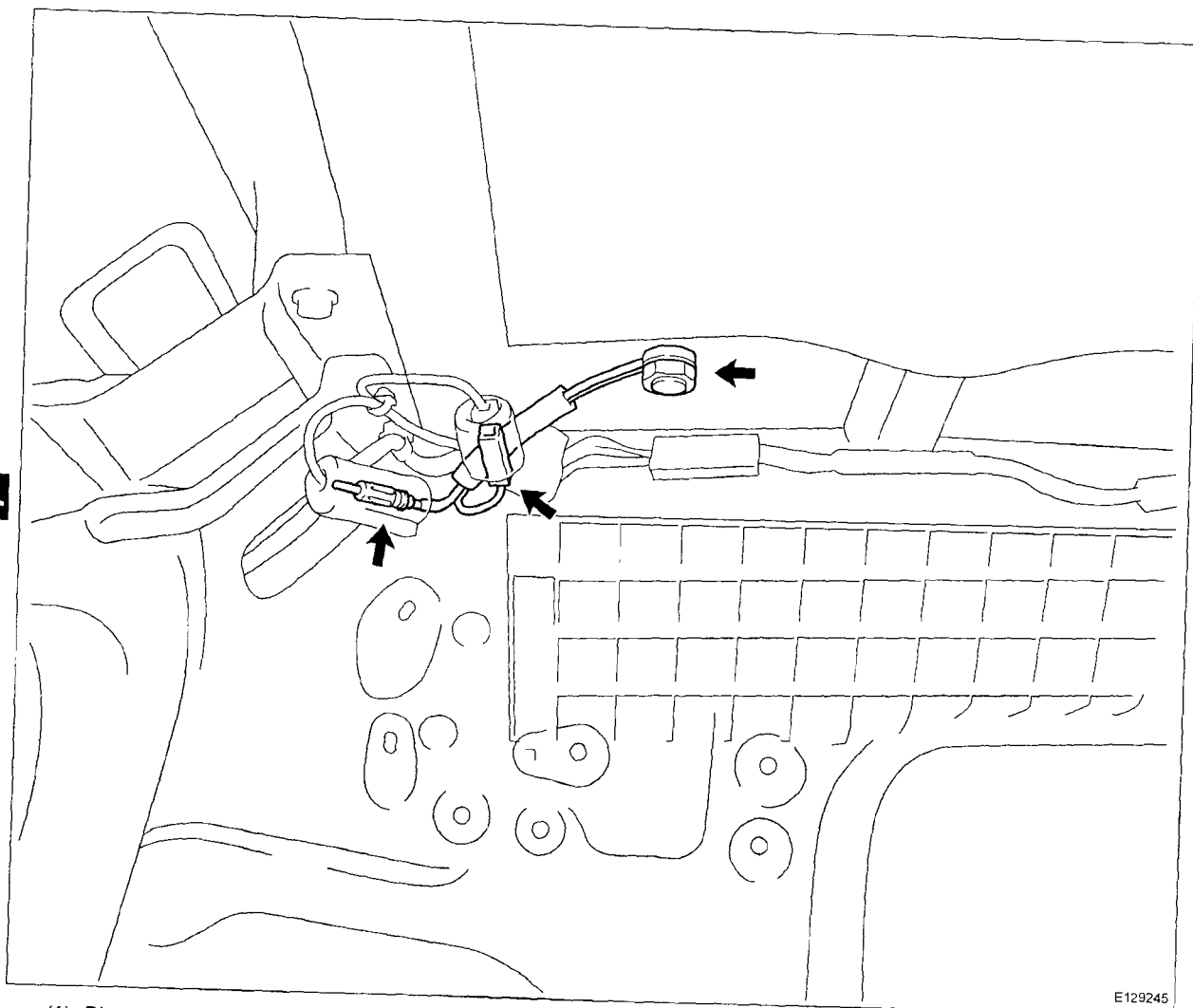
This maintenance operation affects the SRS airbag system. Before conducting this operation, make sure you check the SRS airbag system precaution notices (See page 55-214)

1. Battery minus terminal disconnection
2. Tonneau cover assembly removal (with Tonneau cover) (See page 83-13)
3. Package tray trim panel assembly removal (with Package tray trim panel) (See page 83-13)
4. Deck board assembly removal (with Deck board) (See page 83-13)
5. Rear floor board No. 1 removal (with Spare tire (Temporary tire)) (See page 83-13)
6. Rear floor board No. 1 removal (with Spare tire (Ground tire)) (See page 83-13)
7. Back door weatherstrip removal (See page 83-14)
8. Deck trim cover RR removal (See page 83-14)
9. Rear seat leg cover RH removal (Sliding Seat) (See page 79-32)
10. Rear seat leg cover LH removal (Sliding Seat) (See page 79-32)
11. Rear seat assembly removal (Sliding Seat) (See page 79-32)
12. Rear seat cushion assembly removal (Fixed Seat) (See page 79-19)
13. Rear seat back assembly RH removal (Fixed Seat) (See page 79-19)
14. Rear seat back assembly LH removal (Fixed Seat) (See page 79-19)
15. Rear seat hinge cover RH removal (Fixed Seat) (See page 79-20)

16. Rear seat hinge cover LH removal (Fixed Seat) (See page 79-20)
17. Cross anchor bracket removal (Fixed Seat) (See page 79-20)
18. Front door scuff plate RH removal (See page 83-14)
19. Front door scuff plate LH removal (See page 83-14)
20. Cowl side trim board RH removal (See page 83-15)
21. Cowl side trim LH removal (See page 83-15)
22. Rear door scuff plate RH removal (See page 83-15)
23. Rear door scuff plate LH removal (See page 83-15)
24. Rear No. 1 seat belt assembly OUT RH removal (See page 83-15)
25. Rear seat No. 1 belt assembly OUT LH removal (See page 83-15)
26. Rope hook removal (See page 83-16)
27. Rear seat back lock cover RH removal (Fixed Seat) (See page 83-16)
28. Rear seat back lock RH removal (Fixed Seat) (See page 83-16)
29. Tonneau cover holder RH removal (with Tonneau cover) (See page 83-16)
30. Quarter trim panel UPR RH removal (with Package tray trim panel) (See page 83-17)
31. Deck side trim cover RH removal (See page 83-17)
32. Rear seat back lock cover LH removal (Fixed Seat) (See page 83-17)
33. Rear seat back lock LH removal (Fixed Seat) (See page 83-18)
34. Tonneau cover holder LH removal (with Tonneau cover) (See page 83-17)
35. Quarter trim panel UPR LH removal (with Package tray trim panel) (See page 83-17)
36. Deck side trim cover LH removal (See page 83-18)
37. Center pillar garnish LWR RH removal (See page 83-18)
38. Center pillar garnish LWR LH removal (See page 83-18)
39. Front door opening trim weatherstrip assembly RH removal (See page 83-18)
40. Front door opening trim weatherstrip assembly LH removal (See page 83-19)
41. Rear door opening trim RH removal (See page 83-19)
42. Rear door opening trim LH removal (See page 83-19)
43. Roof side inner garnish RH removal (See page 83-19)
44. Roof side inner garnish LH removal (See page 83-19)
45. Shoulder belt anchor cover removal (See page 56-8)
46. Front seat outer belt assembly RH removal (See page 83-19)
47. Front seat outer belt assembly LH removal (See page 83-20)
48. Front seat outer belt assembly LH removal (See page 83-20)
49. Center pillar garnish UPR LH removal (without Curtain shield airbag) (See page 83-20)
50. Center pillar garnish UPR RH removal (with Curtain shield airbag) (See page 83-21)
51. Center pillar garnish UPR LH removal (with Curtain shield airbag) (See page 83-21)
52. Front pillar garnish RH removal (without Curtain shield airbag) (See page 83-21)
53. Front pillar garnish LH removal (without Curtain shield airbag) (See page 83-22)
54. Front pillar garnish RH removal (with Curtain shield airbag) (See page 83-22)
55. Front pillar garnish LH removal (with Curtain shield airbag) (See page 83-23)
56. Assist grip assembly removal (See page 83-24)
57. Lamp assembly No. 1 removal (See page 83-24)
58. Map lamp assembly removal (See page 83-25)
59. Inner rear view mirror stay holder cover removal (See page 76-16)
60. Inner rear view mirror assembly removal (See page 76-16)
61. Visor holder removal (See page 83-25)
62. Visor assembly RH removal (See page 83-25)
63. Visor assembly LH removal (See page 83-25)

- 64. Seat belt retractor cover removal (with Rear seat outer belt assembly center) (See page 83-25)
- 65. Rear seat outer belt assembly center removal (with Rear seat outer belt assembly center) (See page 83-26)
- 66. Roof headlining assembly removal (See page 83-26)
- 67. Antenna rod removal (See page 64-74)
- 68. Amplifier antenna assembly removal

64

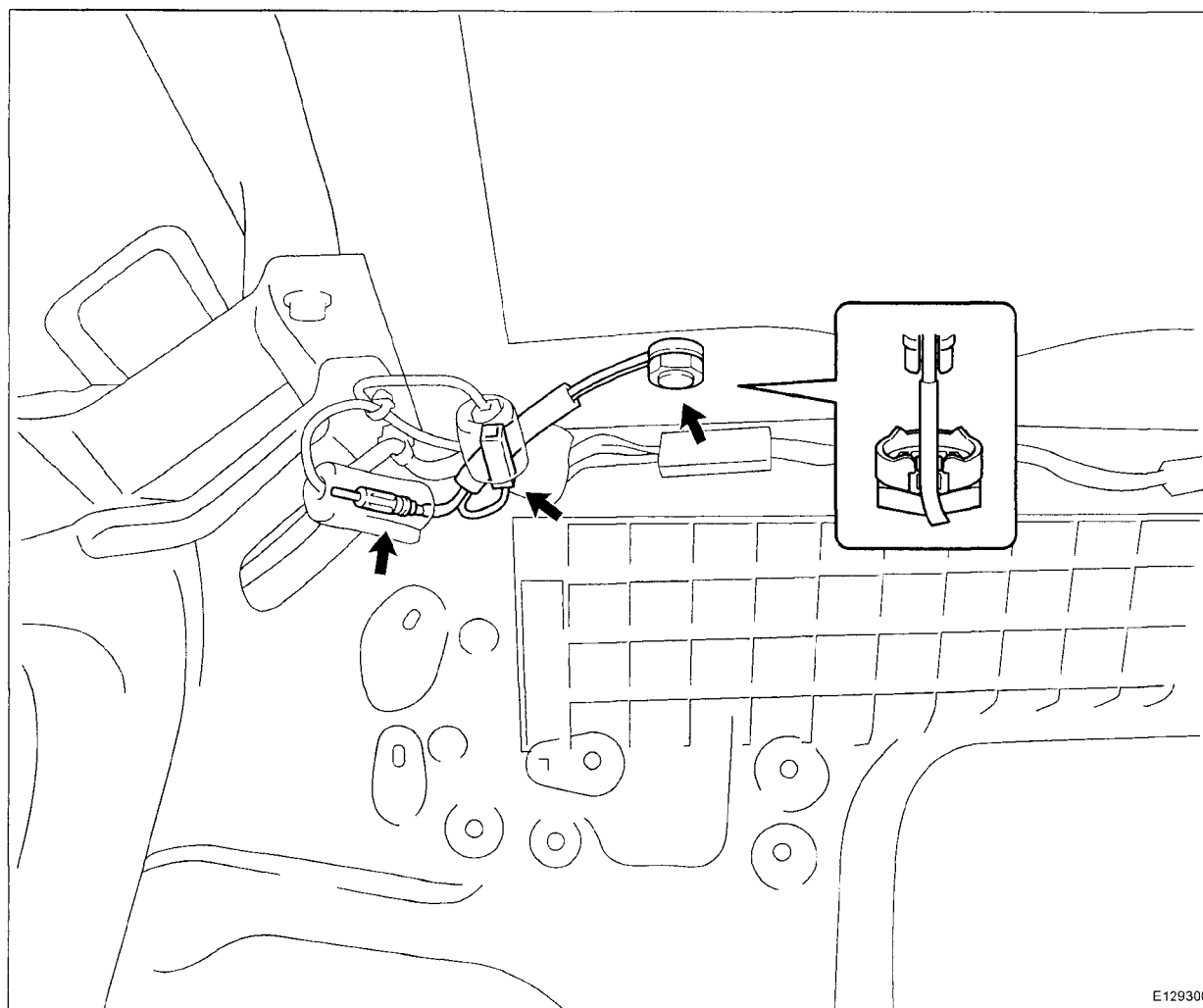


E129245

- (1) Disconnect each connector.
- (2) Remove the antenna nut and remove the amplifier antenna assembly.

INSTALLATION

1. Amplifier antenna assembly installation



E129300

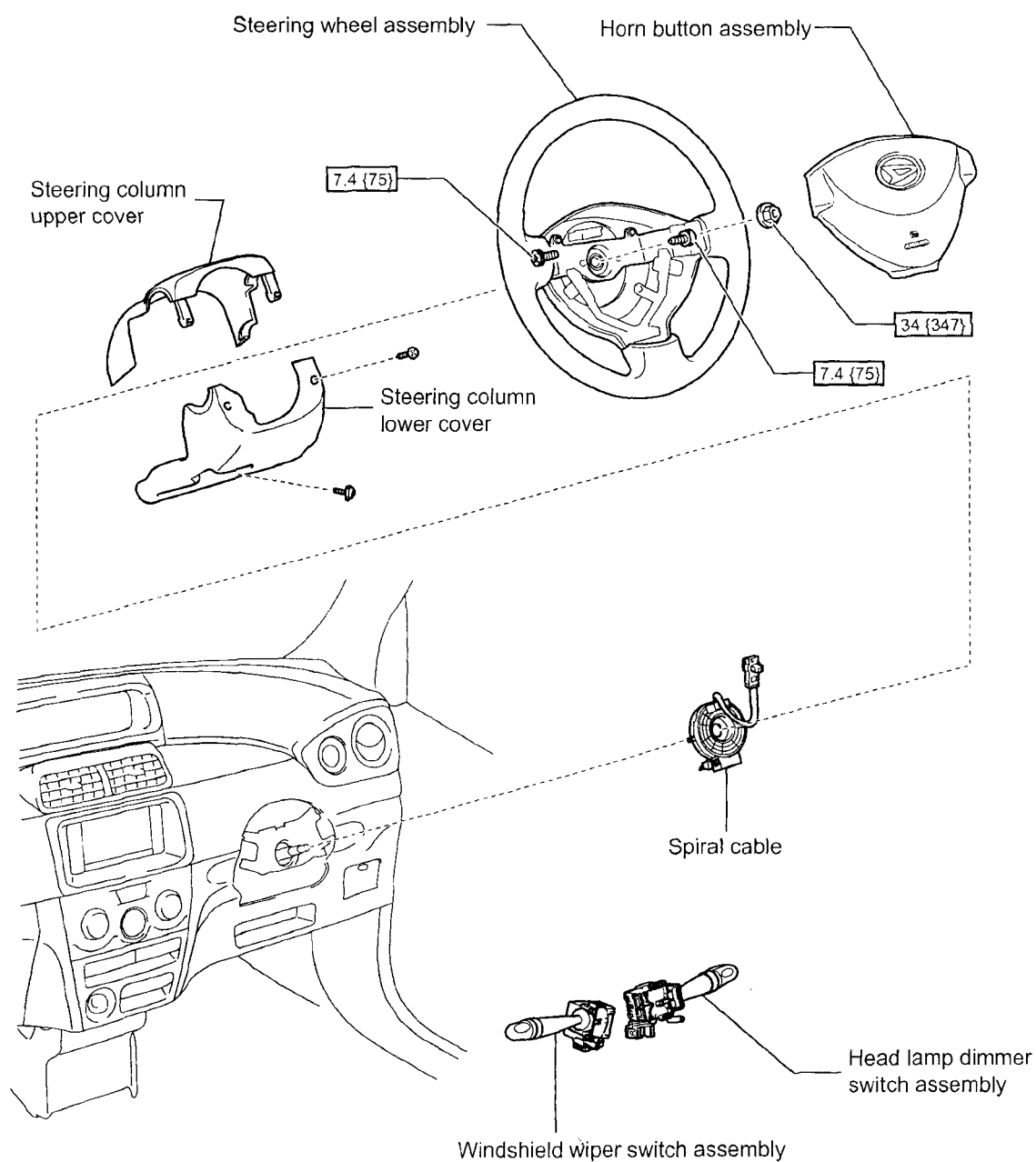
- (1) Fit the amplifier antenna assembly cord to the antenna nut notch and attach the antenna nut.
Specified value: $T=4.5N \cdot m$ {46kgf*cm}
- (2) Connect each connector and attach the amplifier antenna assembly.
2. Antenna rod installation (See page 64-74)
3. Roof headlining assembly installation (See page 83-28)
4. Rear seat outer belt assembly center installation (with Rear seat outer belt assembly center) (See page 83-29)
5. Seat belt retractor cover installation (with Rear seat outer belt assembly center) (See page 83-29)
6. Visor holder installation (See page 83-29)
7. Visor assembly RH installation (See page 83-29)
8. Visor assembly LH installation (See page 83-29)
9. Inner rear view mirror assembly installation (See page 76-17)
10. Inner rear view mirror stay holder cover installation (See page 76-17)
11. Room lamp assembly No. 1 installation (See page 83-29)
12. Map lamp assembly installation (See page 83-30)
13. Assist grip assembly installation (See page 83-30)
14. Front pillar garnish RH installation (without Curtain shield airbag) (See page 83-30)
15. Front pillar garnish LH installation (without Curtain shield airbag) (See page 83-31)

16. Front pillar garnish RH installation (with Curtain shield airbag) (See page 83-31)
17. Front pillar garnish LH installation (with Curtain shield airbag) (See page 83-32)
18. Center pillar garnish UPR RH installation (without Curtain shield airbag) (See page 83-33)
19. Center pillar garnish UPR LH installation (without Curtain shield airbag) (See page 83-33)
20. Center pillar garnish UPR RH installation (with Curtain shield airbag) (See page 83-33)
21. Center pillar garnish UPR LH installation (with Curtain shield airbag) (See page 83-33)
22. Front seat outer belt assembly RH installation (See page 83-33)
23. Front seat outer belt assembly LH installation (See page 83-34)
24. Shoulder belt anchor cover installation (See page 56-11)
25. Roof side inner garnish RH installation (See page 83-34)
26. Roof side inner garnish LH installation (See page 83-34)
27. Rear door opening trim RH installation (See page 83-35)
28. Rear door opening trim LH installation (See page 83-35)
29. Front door opening trim weatherstrip assembly RH installation (See page 83-35)
30. Front door opening trim weatherstrip assembly LH installation (See page 83-35)
31. Center pillar garnish LWR RH installation (See page 83-35)
32. Center pillar garnish LWR LH installation (See page 83-35)
33. Deck side trim cover RH installation (See page 83-36)
34. Rear seat belt holder RH installation (See page 83-36)
35. Rear seat back lock RH installation (Fixed Seat) (See page 83-36)
36. Rear seat back lock cover RH installation (Fixed Seat) (See page 83-36)
37. Tonneau cover holder RH installation (with Tonneau cover) (See page 83-37)
38. Quarter trim panel UPR RH installation (with Package tray trim panel) (See page 83-37)
39. Deck side trim cover LH installation (See page 83-37)
40. Rear seat back lock LH installation (Fixed Seat) (See page 83-37)
41. Tonneau cover holder LH installation (with Tonneau cover) (See page 83-37)
42. Tonneau cover holder LH installation (with Tonneau cover) (See page 83-38)
43. Quarter trim panel UPR LH installation (with Package tray trim panel) (See page 83-38)
44. Rope hook installation (See page 83-38)
45. Rear No. 1 seat belt assembly OUT RH installation (See page 83-34)
46. Rear seat No. 1 belt assembly OUT LH installation (See page 83-34)
47. Rear door scuff plate RH installation (See page 83-38)
48. Rear door scuff plate LH installation (See page 83-38)
49. Cowl side trim board RH installation (See page 83-38)
50. Cowl side trim LH installation (See page 83-39)
51. Front door scuff plate RH installation (See page 83-39)
52. Front door scuff plate LH installation (See page 83-39)
53. Rear seat assembly installation (Sliding seat) (See page 79-41)
54. Rear seat leg cover RH installation (Sliding seat) (See page 79-42)
55. Rear seat leg cover LH installation (Sliding seat) (See page 79-42)
56. Cross anchor bracket installation (Fixed Seat) (See page 79-25)
57. Rear seat hinge cover RH installation (Fixed Seat) (See page 79-25)
58. Rear seat hinge cover LH installation (Fixed Seat) (See page 79-26)
59. Rear seat back assembly RH installation (Fixed Seat) (See page 79-26)
60. Rear seat back assembly LH installation (Fixed Seat) (See page 79-26)
61. Rear seat cushion assembly installation (Fixed Seat) (See page 79-26)
62. Deck trim cover RR installation (See page 83-39)

-
- 63. Back door weatherstrip installation (See page 83-39)
 - 64. Rear floor board No. 1 installation (with Spare tire (Temporary tire)) (See page 83-40)
 - 65. Rear floor board No. 1 installation (with Spare tire (Ground tire)) (See page 83-40)
 - 66. Deck board assembly installation (with Deck board) (See page 83-40)
 - 67. Tonneau cover assembly installation (with Tonneau cover) (See page 83-40)
 - 68. Package tray trim panel assembly installation (with Package tray trim panel) (See page 83-40)
 - 69. Battery minus terminal installation
Specified value: $T=6.4\text{N}\cdot\text{m}$ {65kgf*cm}

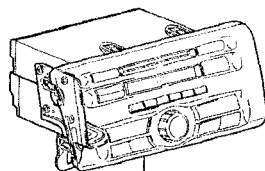
ANTENNA CABLE

COMPONENTS



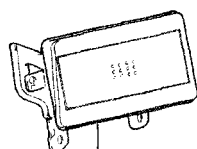
[N*m {kgf*cm}] : Specified torque

with Radio receiver:

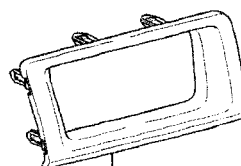


Stereo component tuner assembly

without Radio receiver:

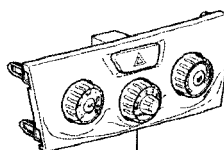


Radio tuner opening cover



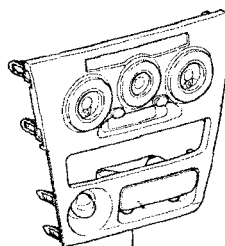
Instrument cluster finish panel CTR

RHD:



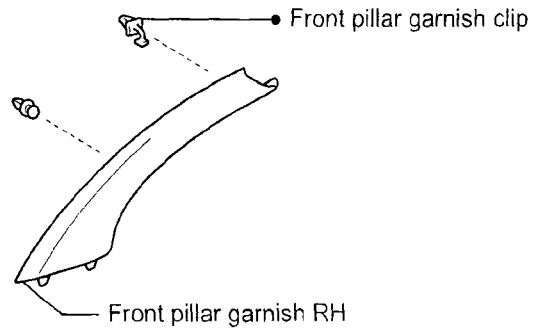
Instrument cluster finish panel LWR CTR

LHD:

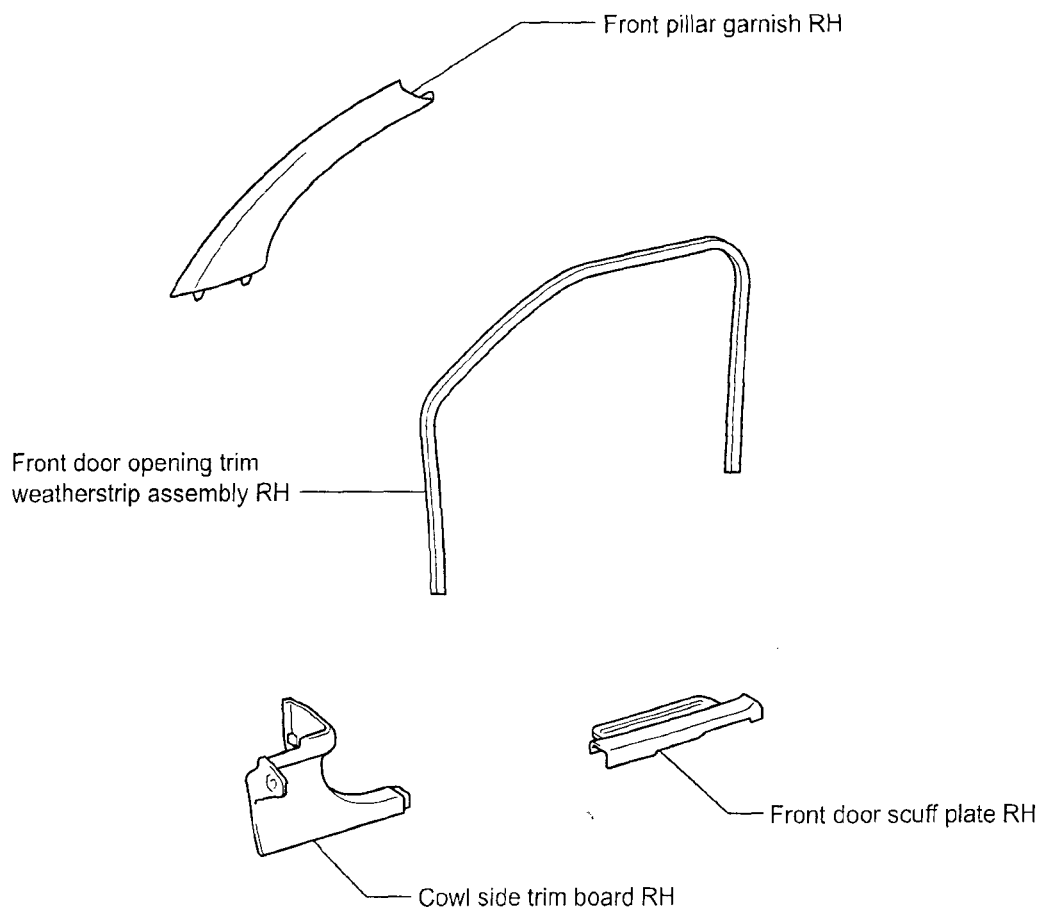


Instrument cluster finish panel LWR CTR

with Curtain shield airbag:

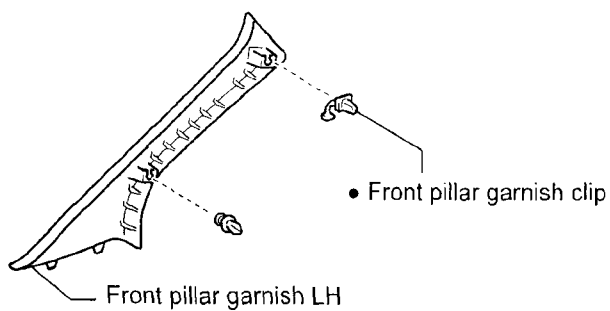


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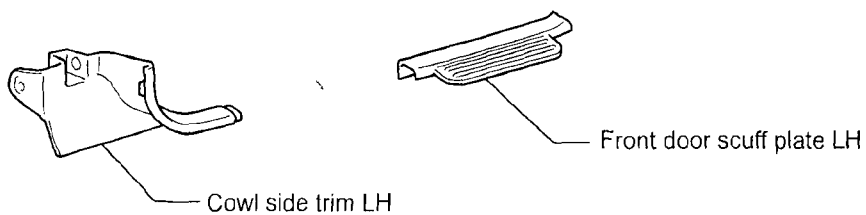
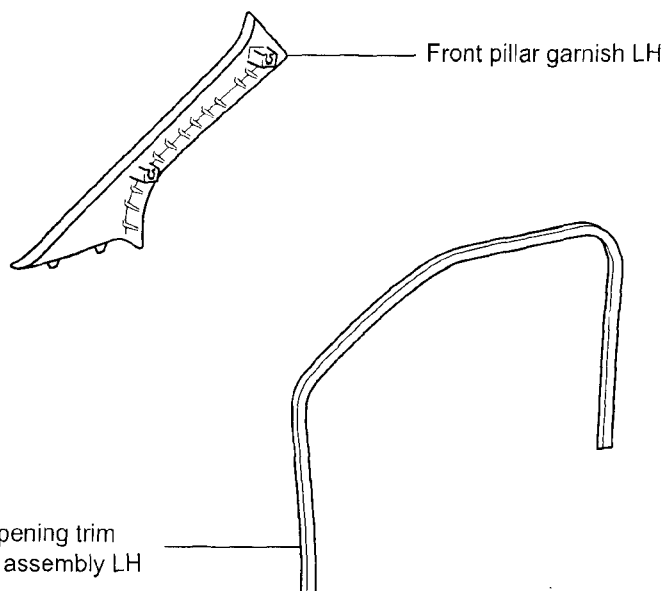


• Non-reusable part

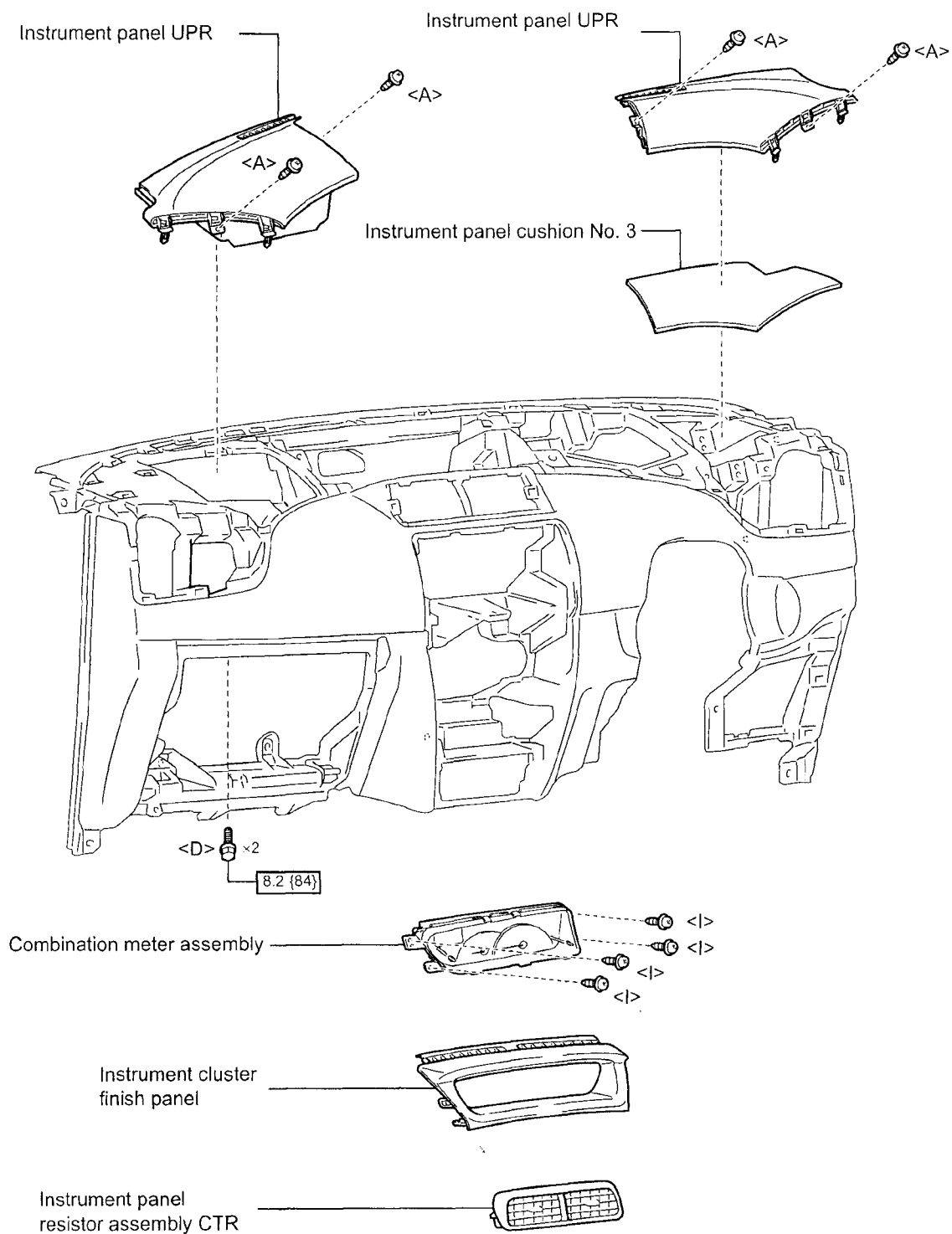
with Curtain shield airbag:



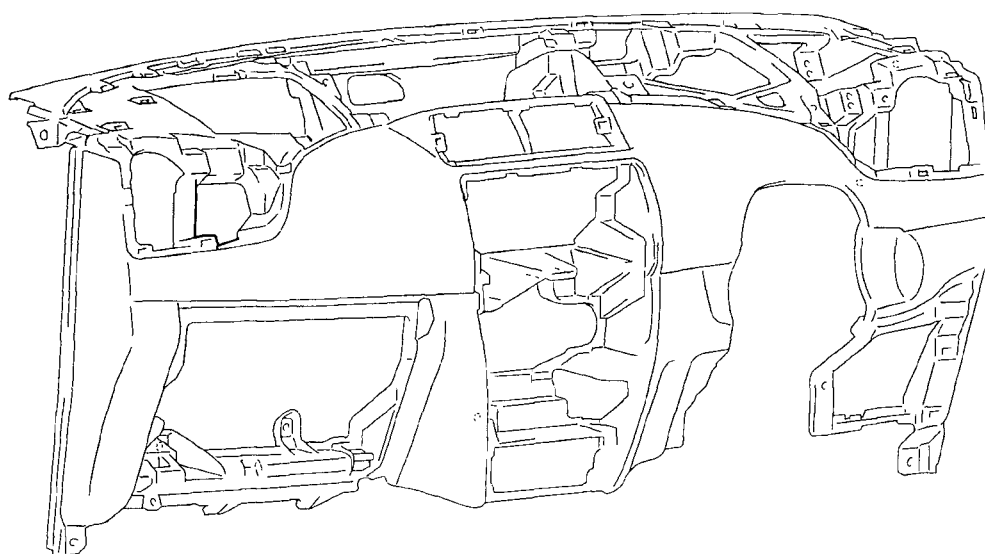
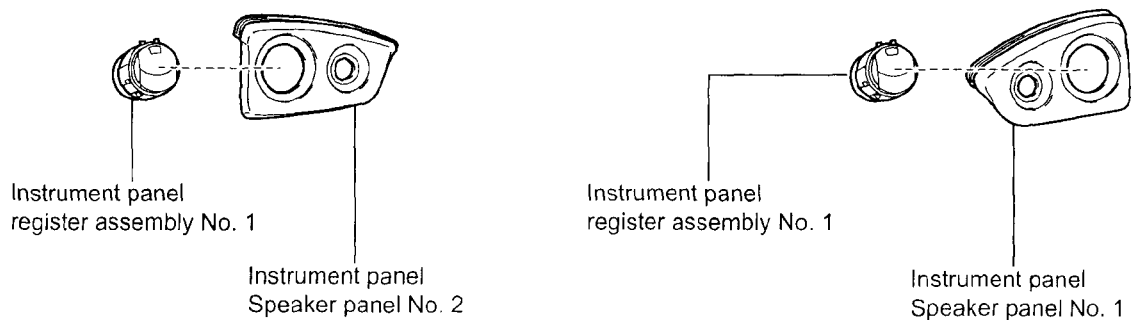
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• Non-reusable part

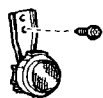


N*m {kgf*cm} : Specified torque



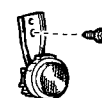
64

with 6-speakers:

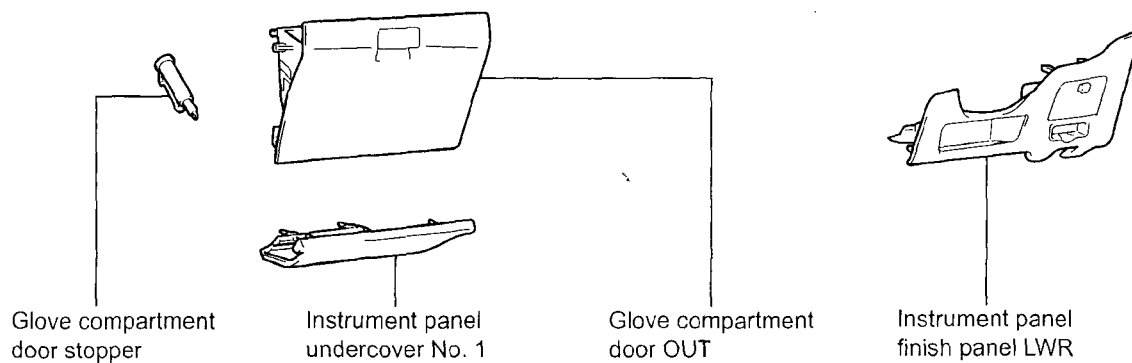


Speaker assembly FR No. 2

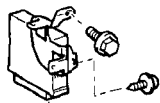
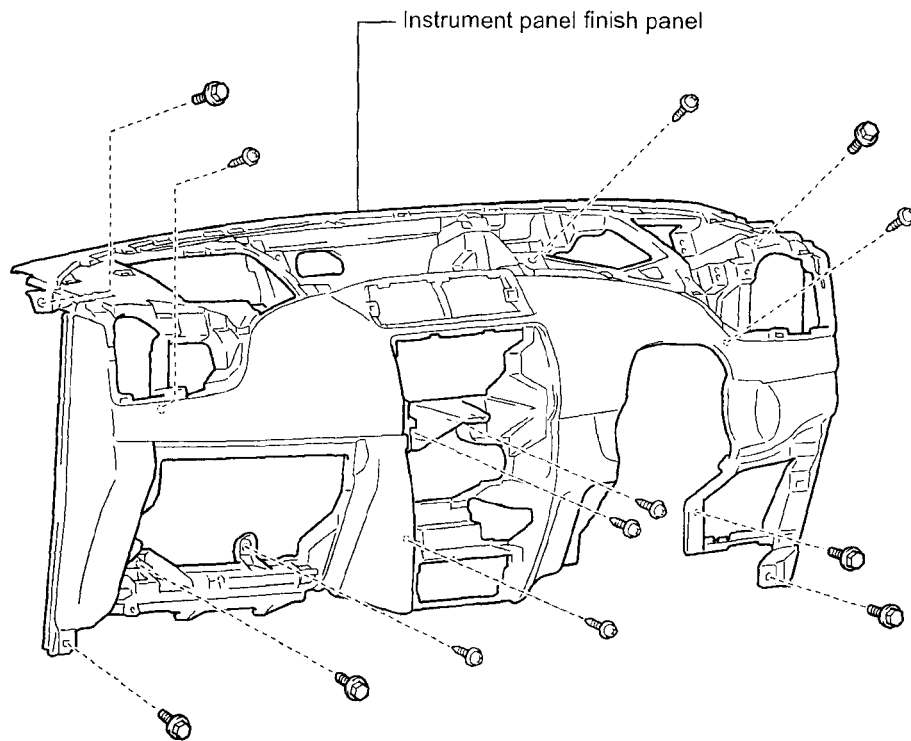
with 6-speakers:



Speaker assembly FR No. 2

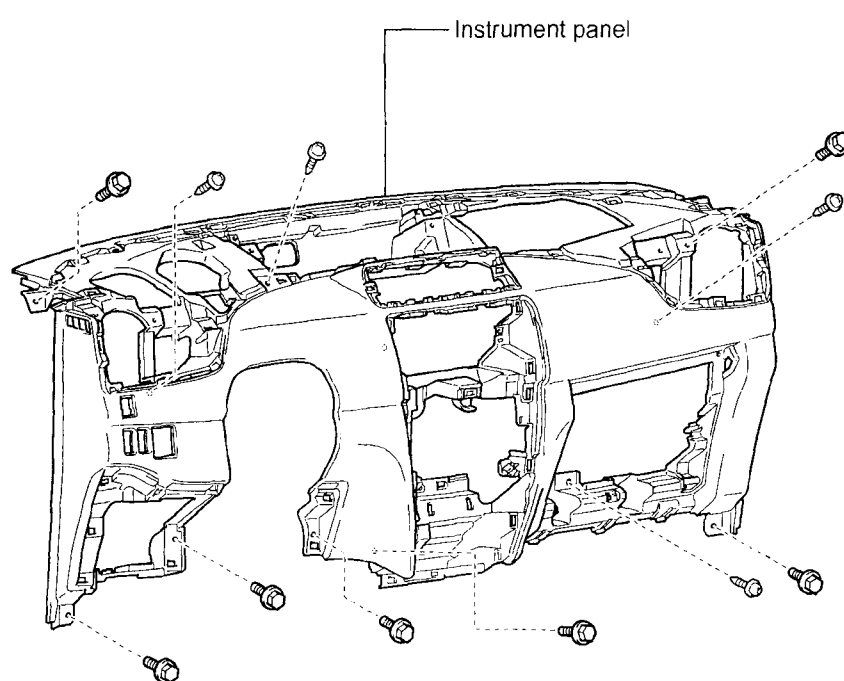


RHD:

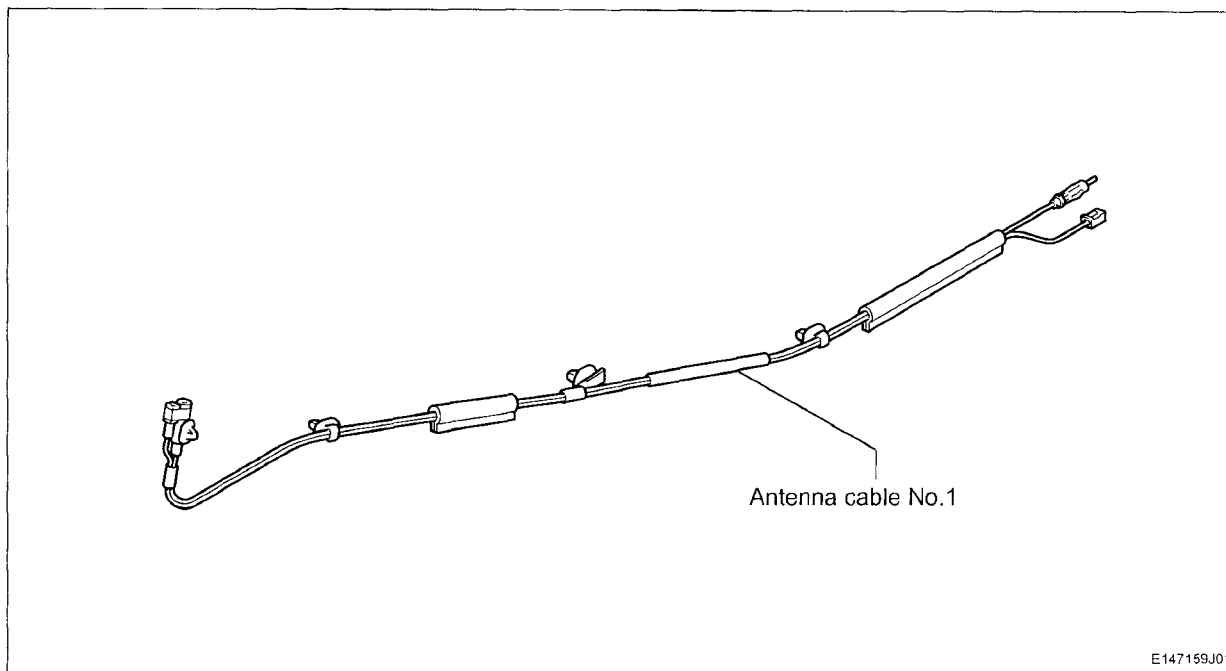


Engine control computer

LHD:



64



E147159J01

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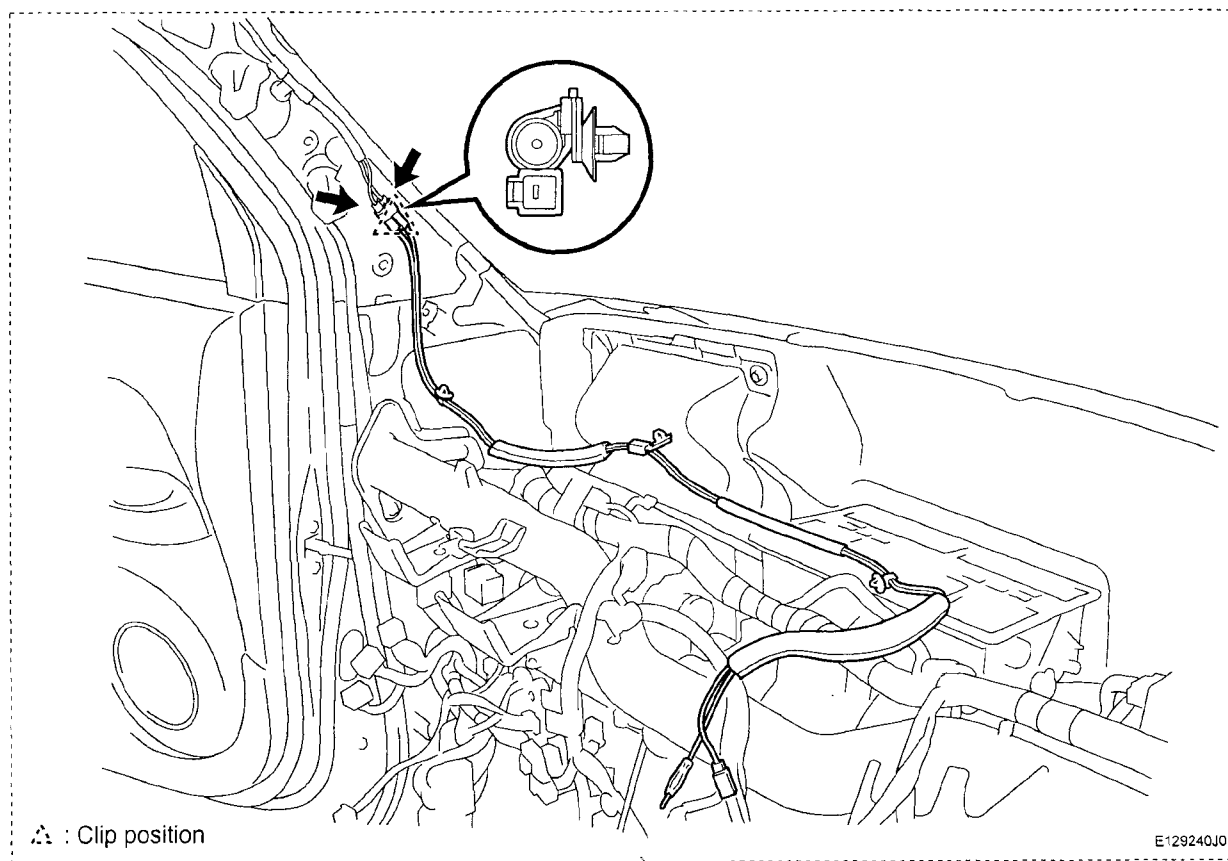
REMOVAL

<WARNING>

This maintenance operation affects the SRS airbag system. Before conducting this operation, make sure you check the SRS airbag system precaution notices (See page 55-214)

1. Battery minus terminal disconnection
2. Glove compartment door OUT removal (See page 78-15)
3. Glove compartment door stopper removal (See page 78-15)
4. Instrument panel under cover No. 1 removal (See page 78-15)
5. Instrument panel finish panel LWR CTR removal (RHD) (See page 78-17)
6. Air mix damper control cable disconnection (RHD) (See page 52-44)
7. Defroster damper control cable disconnection (RHD) (See page 52-44)
8. Air inlet damper control cable disconnection (RHD) (See page 52-45)
9. Instrument cluster finish panel LWR CTR removal (RHD) (See page 52-44)
10. Instrument cluster finish panel LWR CTR removal (LHD) (See page 52-51)
11. Radio tuner opening cover removal (without Radio receiver) (See page 78-19)
12. Stereo component tuner assembly removal (with Radio receiver) (See page 64-28)
13. Instrument panel speaker panel No. 1 removal (See page 78-19)
14. Instrument panel speaker panel No. 2 removal (See page 78-19)
15. Instrument cluster finish panel removal (See page 78-19)
16. Combination meter assembly removal (See page 63-39)
17. Front door scuff plate RH removal (See page 83-14)
18. Front door scuff plate LH removal (See page 83-14)
19. Cowl side trim board RH removal (See page 83-15)
20. Cowl side trim board LH removal (See page 83-15)
21. Front door opening trim weatherstrip assembly RH removal (See page 83-18)
22. Front door opening trim weatherstrip assembly LH removal (See page 83-19)
23. Front pillar garnish RH removal (without Curtain shield airbag) (See page 83-21)
24. Front pillar garnish LH removal (without Curtain shield airbag) (See page 83-22)

25. Front pillar garnish RH removal (with Curtain shield airbag) (See page 83-22)
26. Front pillar garnish LH removal (with Curtain shield airbag) (See page 83-23)
27. Instrument panel UPR removal (RH) (See page 78-20)
28. Instrument panel UPR removal (LH) (See page 78-20)
29. Instrument panel finish panel LWR removal (See page 78-22)
30. Bonnet (hood) lock control lever detachment (See page 78-22)
31. Horn button assembly removal (See page 78-22)
32. Steering wheel assembly removal (See page 48-5)
33. Steering column lower cover removal (See page 48-5)
34. Steering column upper cover removal (See page 78-22)
35. Head lamp dimmer switch assembly removal (See page 60-60)
36. Window shield wiper switch assembly removal (See page 61-28)
37. Engine control computer removal (RHD) (See page 06-164)
38. Instrument panel removal (RHD) (See page 78-23)
39. Instrument panel removal (LHD) (See page 78-24)
40. Antenna cable No. 1 removal



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- (1) Disconnect each connector.
- (2) Remove the clip by using a clip remover and remove the antenna cable No. 1.

INSTALLATION

1. Antenna cable No. 1 installation



(1) Attach the clip.

(2) Connect each connector and attach the antenna cable No. 1.

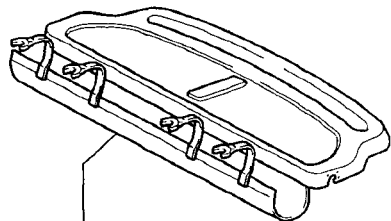
2. Instrument panel installation (RHD) (See page 78-29)
3. Instrument panel installation (LHD) (See page 78-30)
4. Engine control computer installation (RHD) (See page 06-164)
5. Windshield wiper switch assembly installation (See page 61-28)
6. Head lamp dimmer switch assembly installation (See page 60-61)
7. Steering column lower cover installation (See page 48-11)
8. Steering column upper cover installation (See page 48-10)
9. Steering wheel assembly installation (See page 78-30)
10. Horn button assembly installation (See page 78-30)
11. Bonnet (hood) lock control lever installation (See page 78-30)
12. Instrument panel finish panel LWR installation (See page 78-31)
13. Instrument panel UPR installation (RH) (See page 78-31)
14. Instrument panel UPR installation (LH) (See page 78-32)
15. Front pillar garnish RH installation (without Curtain shield airbag) (See page 83-30)
16. Front pillar garnish LH installation (without Curtain shield airbag) (See page 83-31)
17. Front pillar garnish RH installation (with Curtain shield airbag) (See page 83-31)
18. Front pillar garnish LH installation (with Curtain shield airbag) (See page 83-32)
19. Front door opening trim weatherstrip assembly RH installation (See page 83-35)
20. Front door opening trim weatherstrip assembly LH installation (See page 83-35)
21. Cowl side trim board RH installation (See page 83-38)

22. Cowl side trim LH installation (See page 83-39)
23. Front door scuff plate RH installation (See page 83-39)
24. Front door scuff plate LH installation (See page 83-39)
25. Combination meter assembly installation (See page 63-40)
26. Instrument cluster finish panel installation (See page 78-33)
27. Instrument panel speaker panel No. 1 installation (See page 78-33)
28. Instrument panel speaker panel No. 2 installation (See page 78-33)
29. Radio tuner opening cover installation (without Radio receiver) (See page 78-33)
30. Stereo component tuner assembly installation (with Radio receiver) (See page 64-29)
31. Air inlet damper control cable connection (RHD) (See page 52-48)
32. Defroster damper control cable connection (RHD) (See page 52-48)
33. Air mix damper control cable connection (RHD) (See page 52-48)
34. Instrument cluster finish panel LWR CTR installation (RHD) (See page 52-48)
35. Instrument cluster finish panel LWR CTR installation (LHD) (See page 78-35)
36. Instrument panel finish panel LWR CTR installation (See page 78-35)
37. Instrument panel under cover No.1 installation (See page 78-37)
38. Glove compartment door stopper installation (See page 78-37)
39. Glove compartment door OUT installation (See page 78-37)
40. Battery minus terminal connection
Specified value: $T=6.4N \cdot m$ {65kgf*cm}
41. Airbag warning lamp check (See page 55-1)

ANTENNA CABLE NO. 2

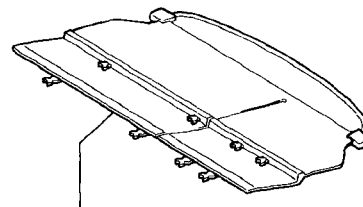
COMPONENTS

with Package tray trim panel:



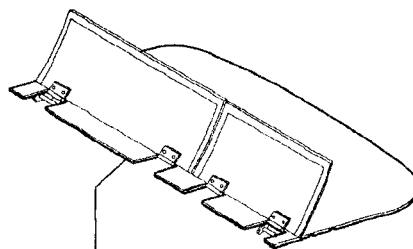
Package tray trim panel assembly

with Tonneau cover:



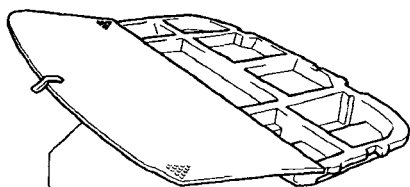
Tonneau cover assembly

with Deck board:



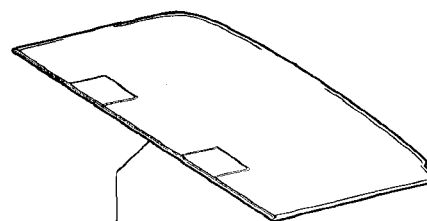
Deck board assembly

with Spare tire (temporary tire):



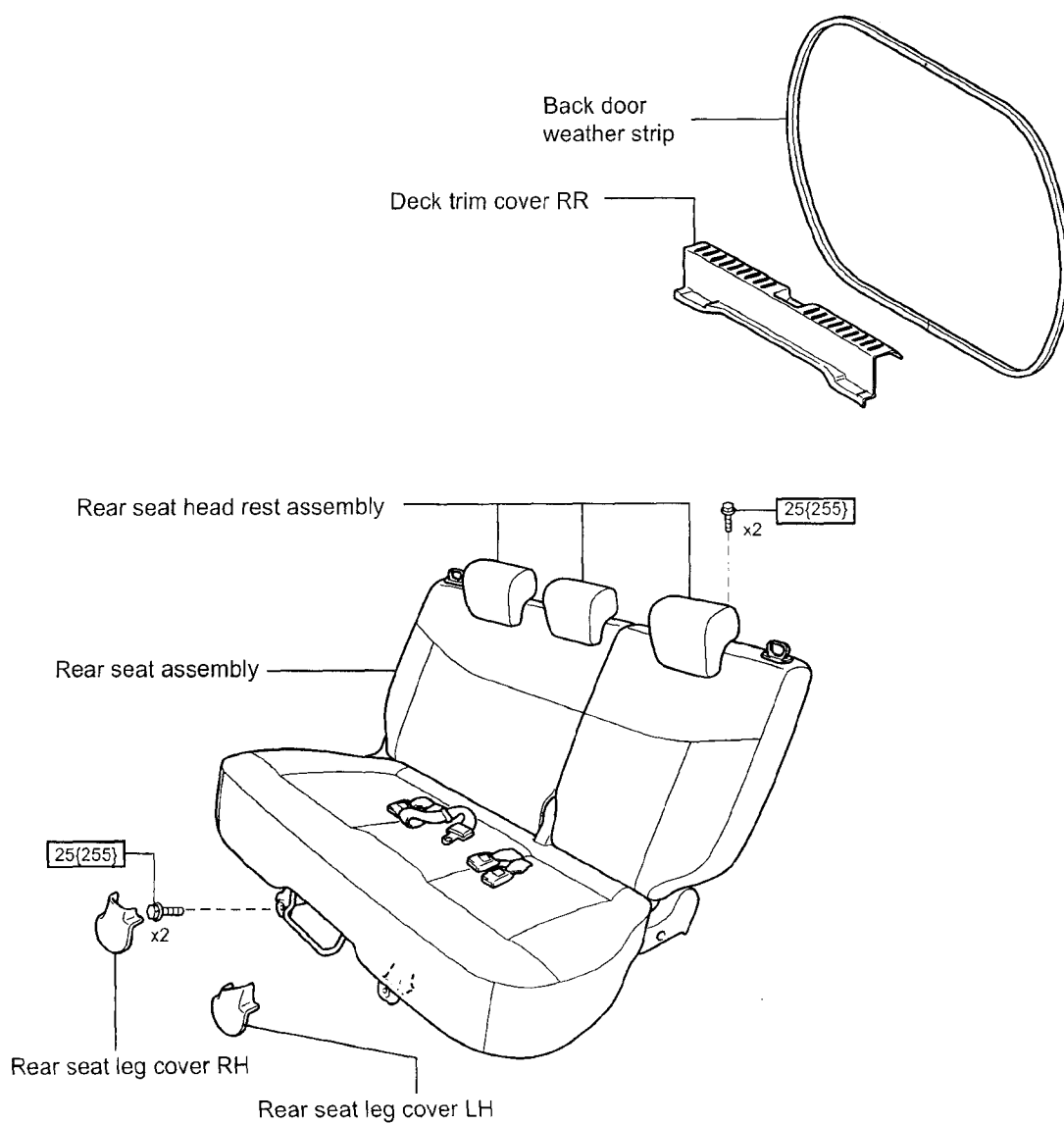
Rear floor board No. 1

with Spare tire (ground tire):



Rear floor board No. 1

Sliding seat:

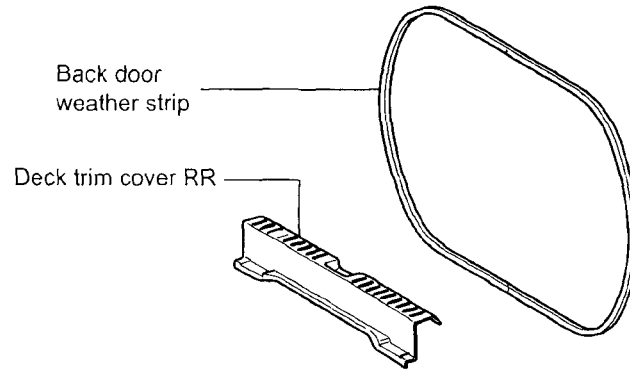


64

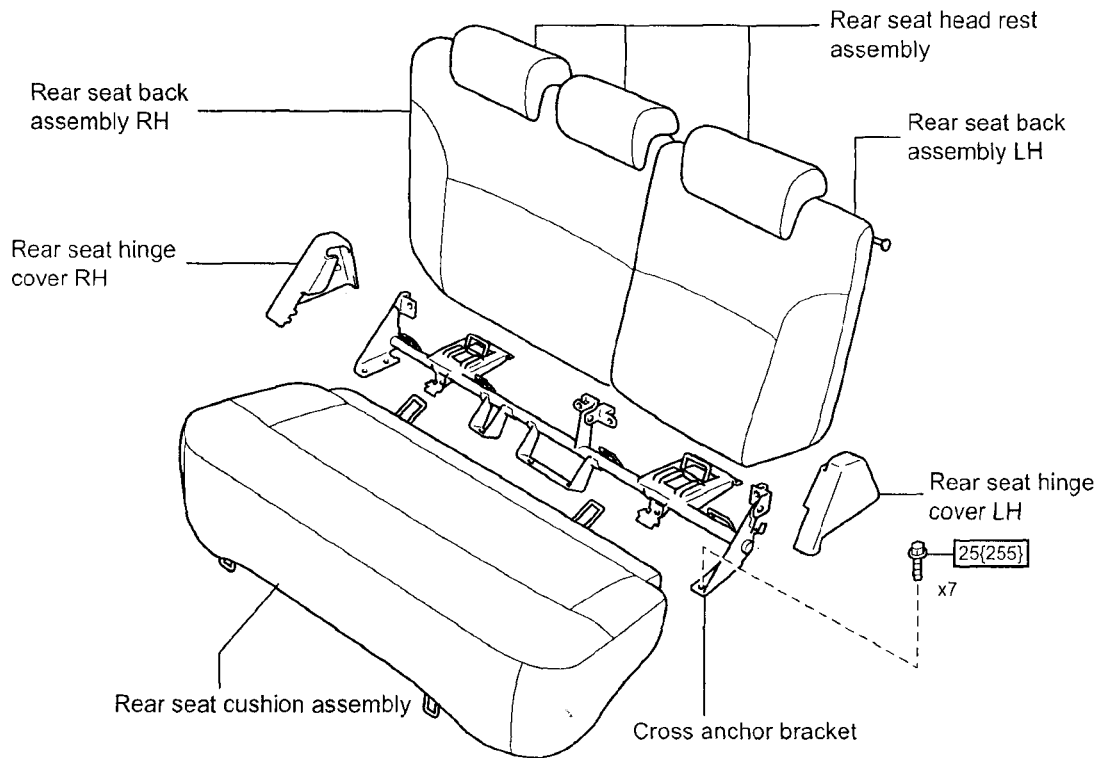
N*m {kgf*cm} : Specified torque

B163187J01

Fixed seat:

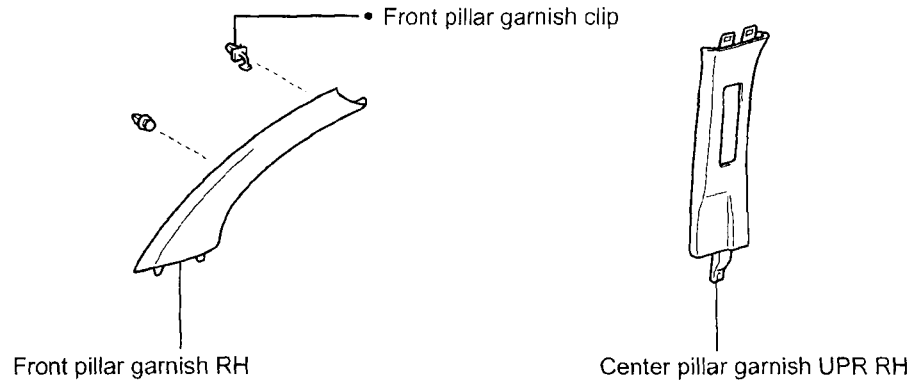


64



$\text{N}\cdot\text{m}$ { $\text{kgf}\cdot\text{cm}$ } : Specified torque

with Curtain shield airbag:



Front door opening trim
weather strip assembly RH

Front pillar garnish RH

Center pillar garnish UPR RH

Front seat outer belt assembly RH

42(428)

Seat belt anchor cover

42(428)

Cowl side trim board RH

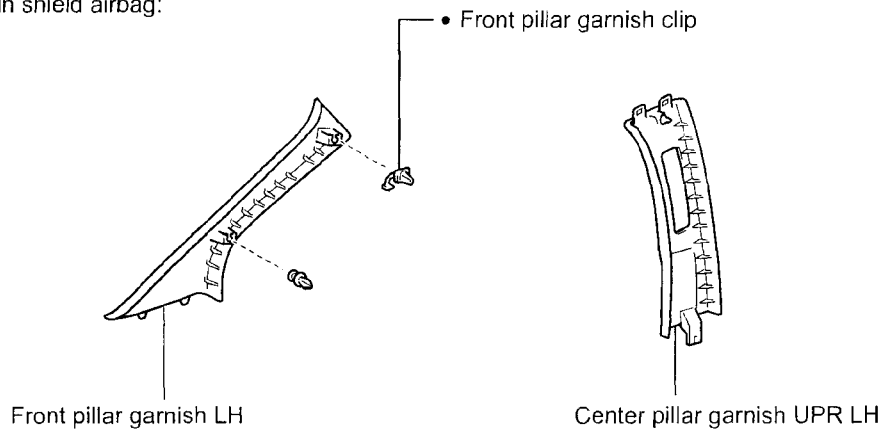
Front door scuff plate RH

Center pillar garnish LWR RH

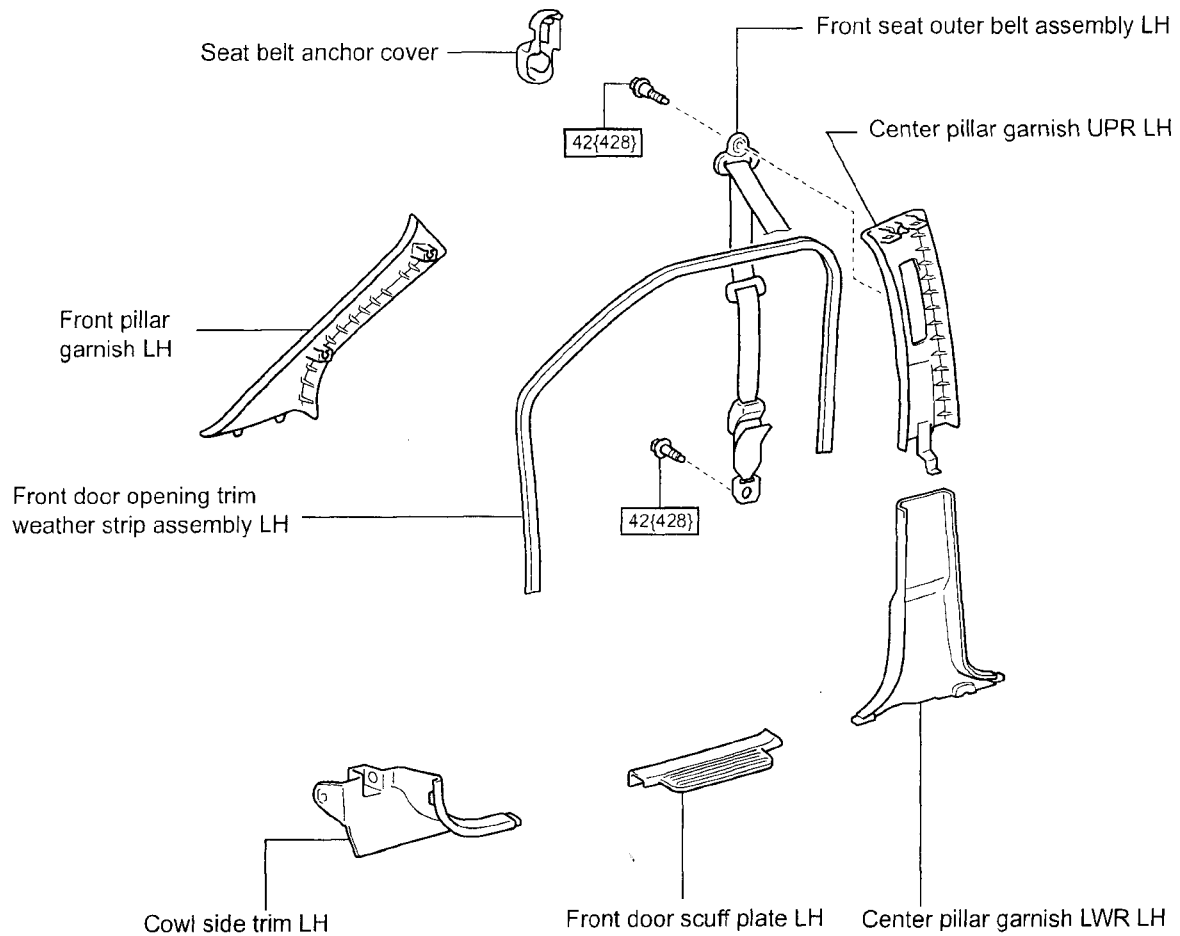
$N \cdot m$ { $kgf \cdot cm$ } : Specified torque

• Non-reusable part

with Curtain shield airbag:



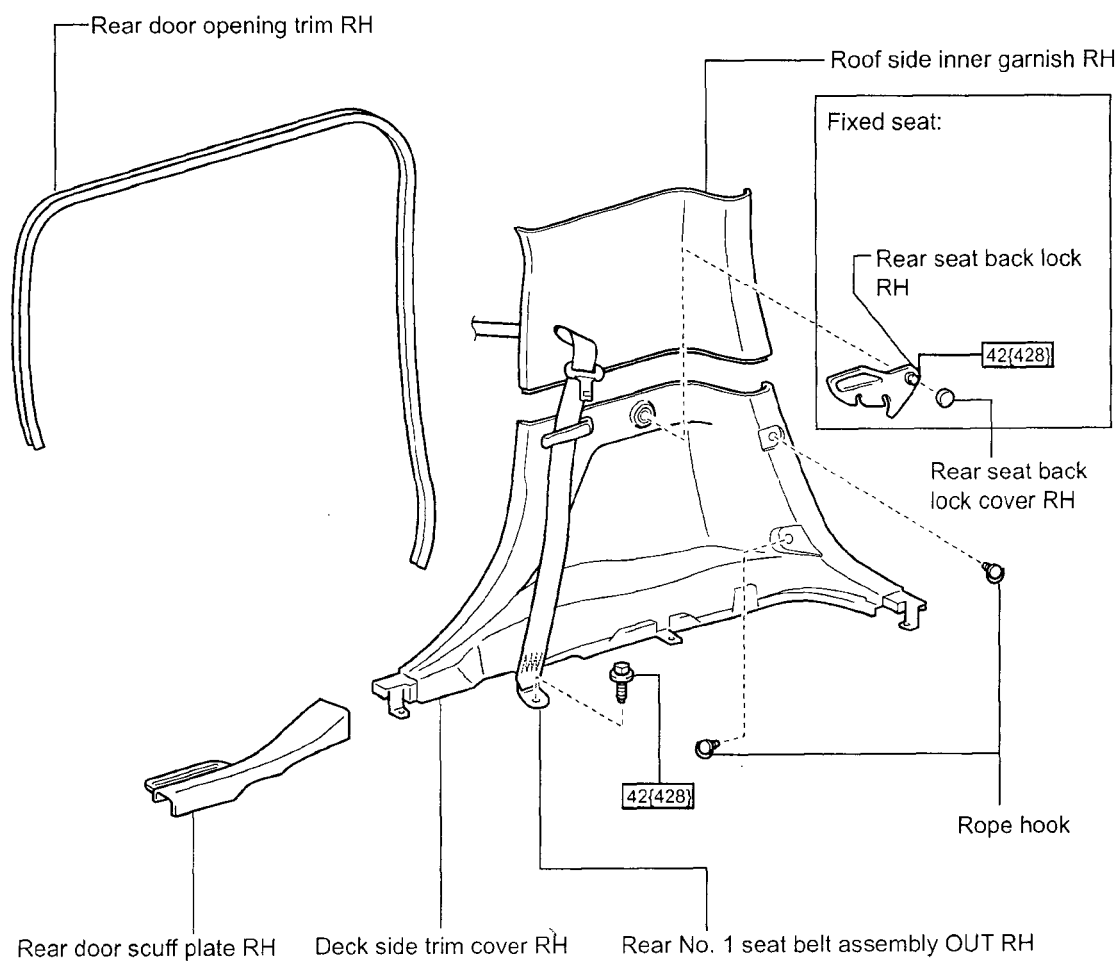
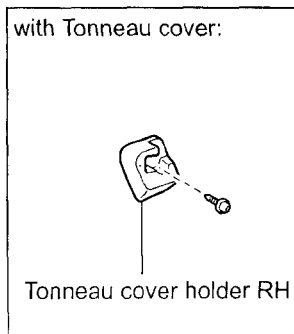
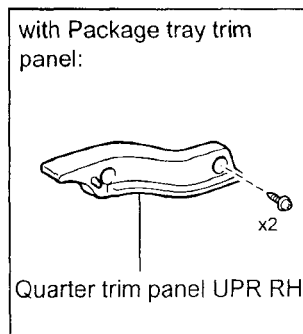
64



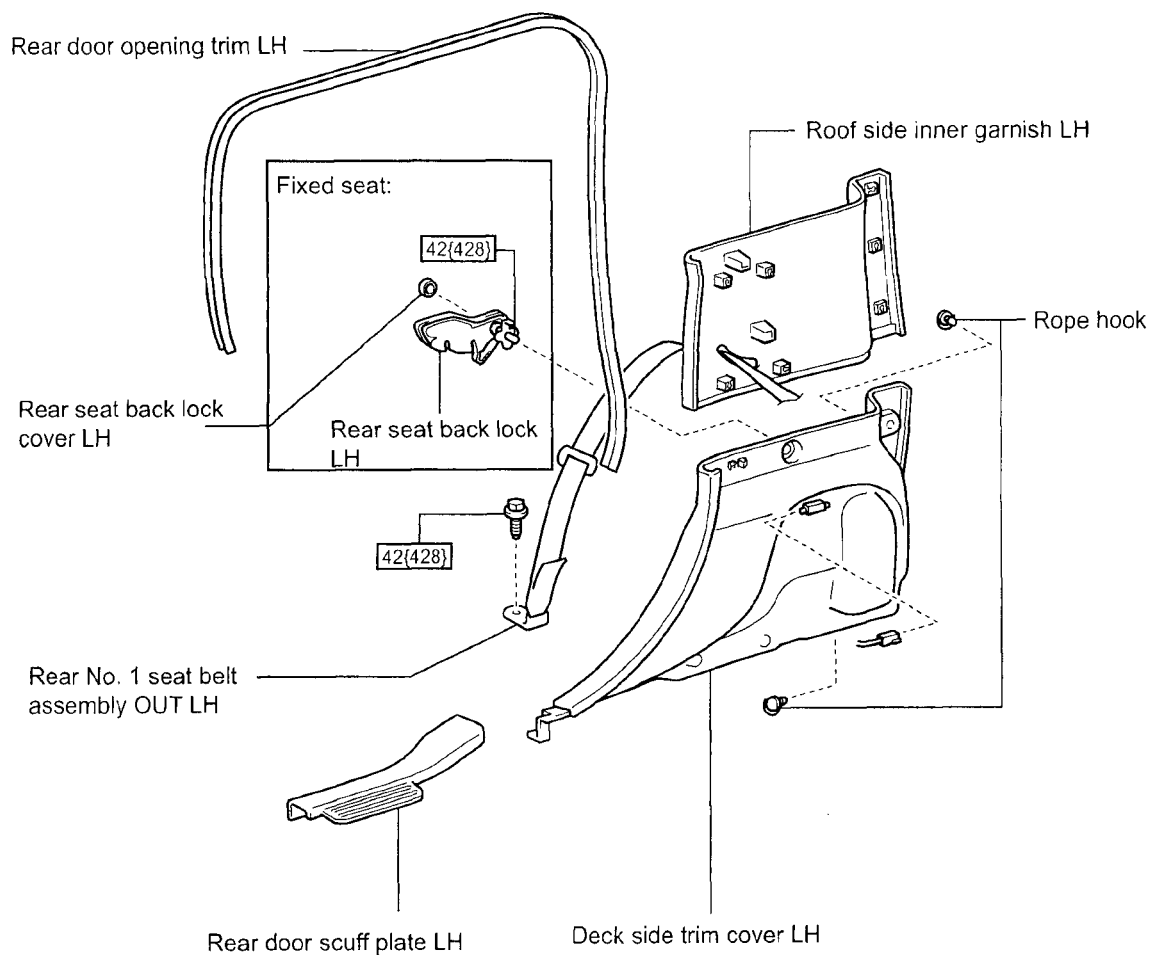
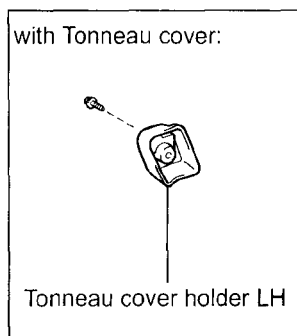
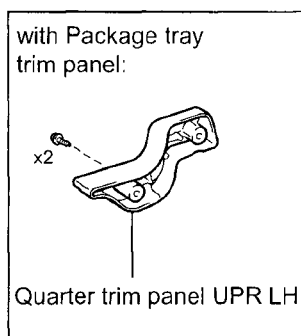
N*m {kgf*cm}: Specified torque

• Non-reusable part

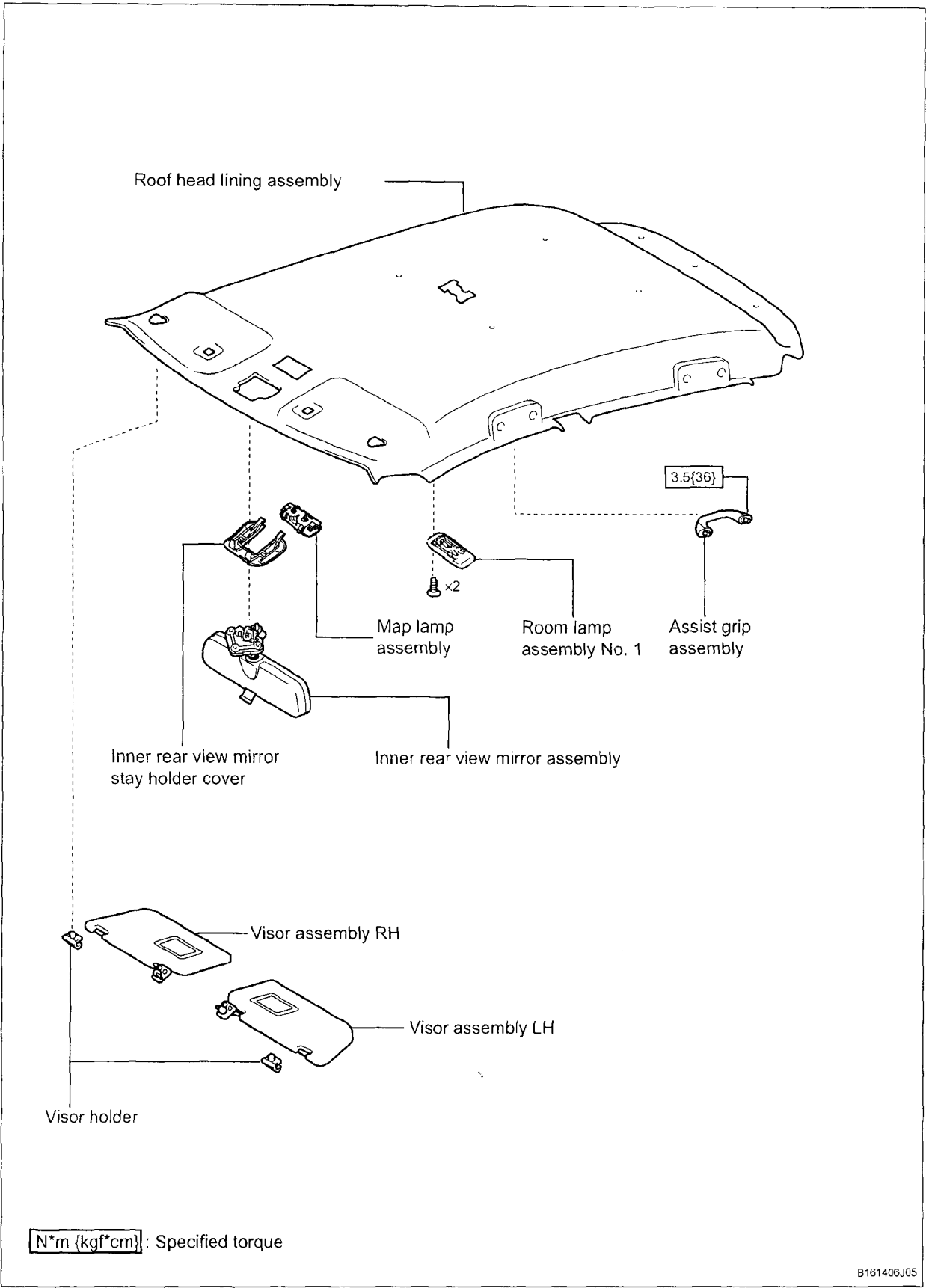
B161403J06



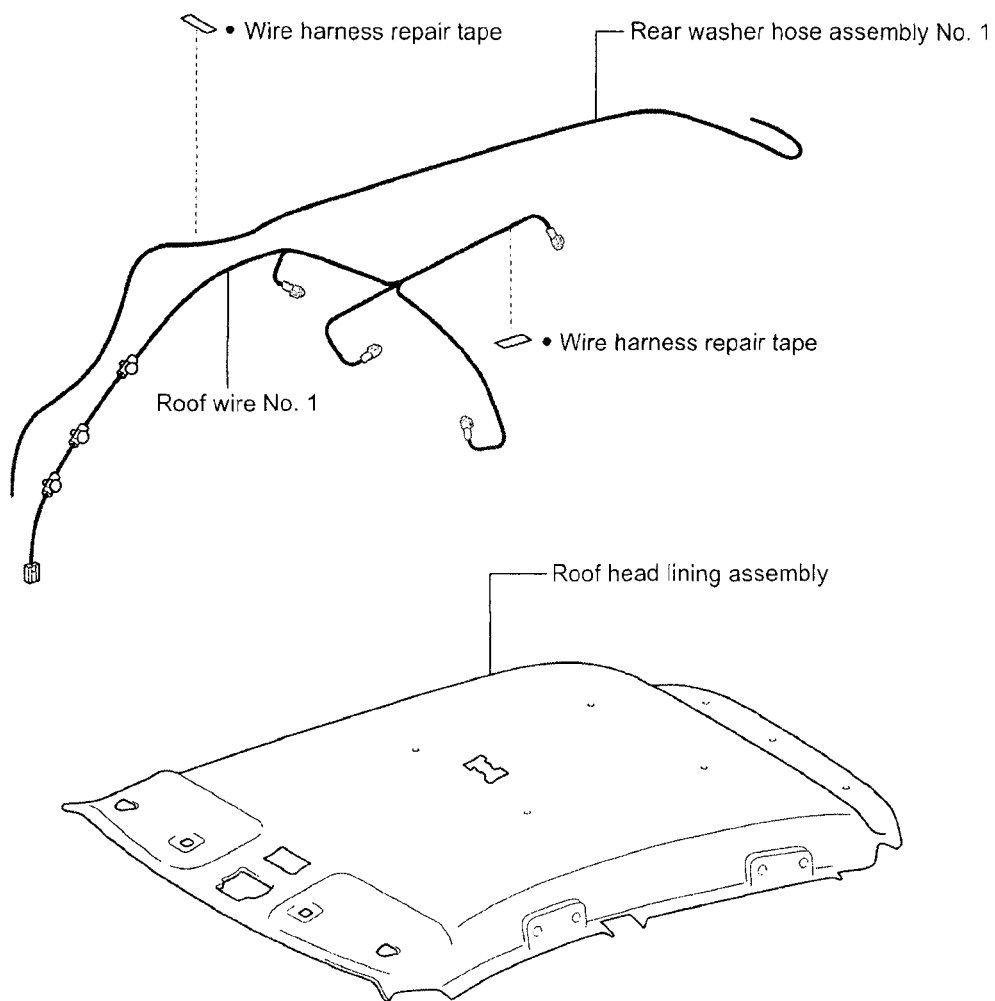
[N*m {kgf*cm}]: Specified torque



N*m {kgf*cm} : Specified torque



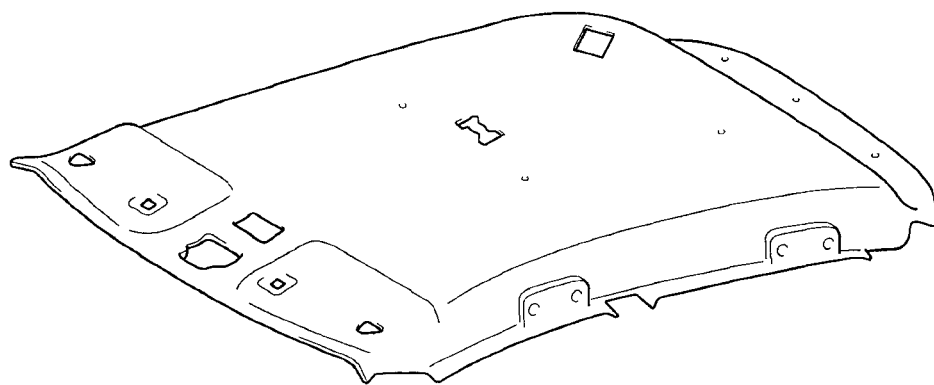
64



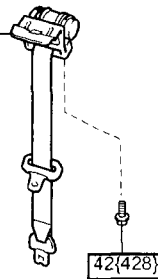
• Nonreusable part

B161407J01

with Rear seat outer belt assembly center:



Rear seat outer
belt assembly center

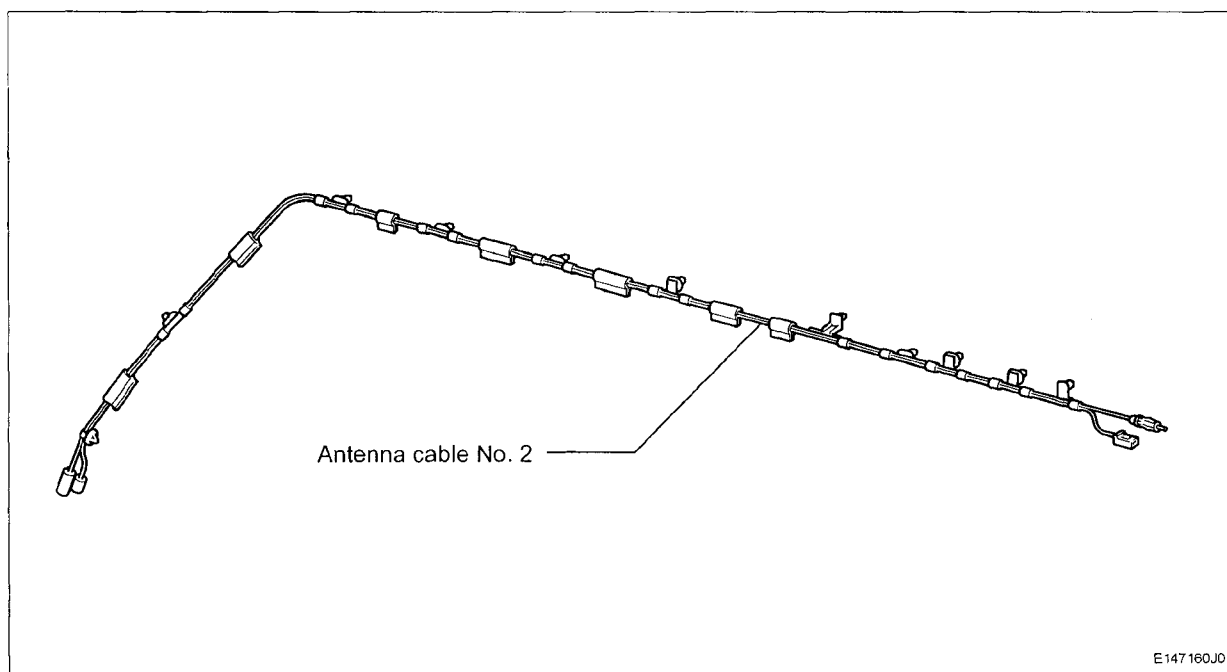


42{428}

Seat belt
retractor cover



$\text{N}\cdot\text{m}$ { $\text{kgf}\cdot\text{cm}$ } : Specified torque



E147160J01

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REMOVAL

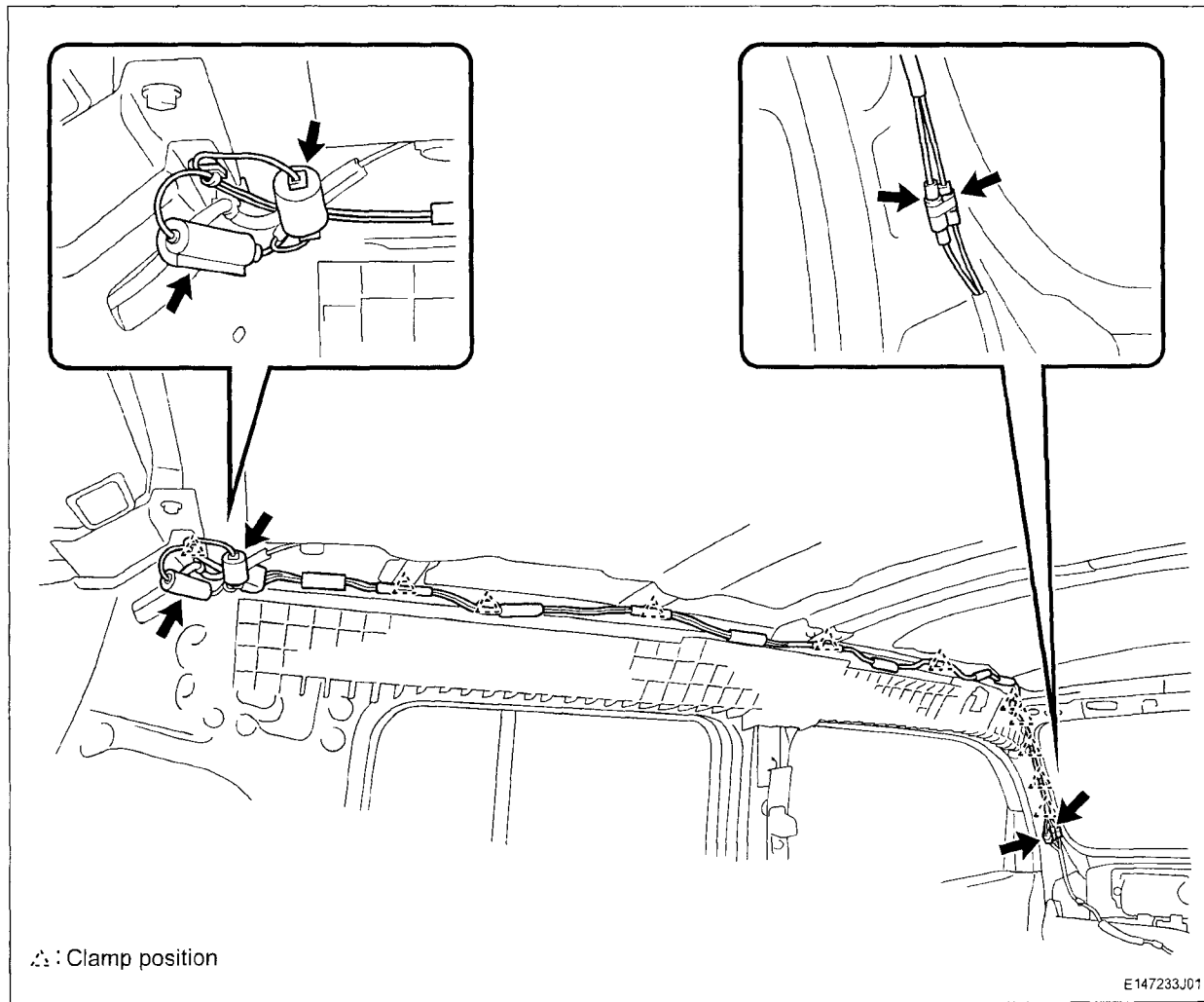
<WARNING>

This maintenance operation affects the SRS airbag system. Before conducting this operation, make sure you check the SRS airbag system precaution notices (See page 55-214)

1. Battery minus terminal disconnection
2. Tonneau cover assembly removal (with Tonneau cover) (See page 83-13)
3. Package tray trim panel assembly removal (with Package tray trim panel) (See page 83-13)
4. Deck board assembly removal (with Deck board) (See page 83-13)
5. Rear floor board No. 1 removal (with Spare tire (Temporary tire)) (See page 83-13)
6. Rear floor board No. 1 removal (with Spare tire (Ground tire)) (See page 83-13)
7. Back door weatherstrip removal (See page 83-14)
8. Deck trim cover RR removal (See page 83-14)
9. Rear seat leg cover RH removal (Sliding Seat) (See page 79-32)
10. Rear seat leg cover LH removal (Sliding Seat) (See page 79-32)
11. Rear seat assembly removal (Sliding Seat) (See page 79-32)
12. Rear seat cushion assembly removal (Fixed Seat) (See page 79-19)
13. Rear seat back assembly RH removal (Fixed Seat) (See page 79-19)
14. Rear seat back assembly LH removal (Fixed Seat) (See page 79-19)
15. Rear seat hinge cover RH removal (Fixed Seat) (See page 79-20)
16. Rear seat hinge cover LH removal (Fixed Seat) (See page 79-20)
17. Cross anchor bracket removal (Fixed Seat) (See page 79-20)
18. Front door scuff plate RH removal (See page 83-14)
19. Front door scuff plate LH removal (See page 83-14)
20. Cowl side trim board RH removal (See page 83-15)
21. Cowl side trim LH removal (See page 83-15)
22. Rear door scuff plate RH removal (See page 83-15)
23. Rear door scuff plate LH removal (See page 83-15)
24. Rear No. 1 seat belt assembly OUT RH removal (See page 83-15)

25. Rear seat No. 1 belt assembly OUT LH removal (See page 83-15)
26. Rope hook removal (See page 83-16)
27. Rear seat back lock cover RH removal (Fixed Seat) (See page 83-16)
28. Rear seat back lock RH removal (Fixed Seat) (See page 83-16)
29. Tonneau cover holder RH removal (with Tonneau cover) (See page 83-16)
30. Quarter trim panel UPR RH removal (with Package tray trim panel) (See page 83-17)
31. Deck side trim cover RH removal (See page 83-17)
32. Rear seat back lock cover LH removal (Fixed Seat) (See page 83-17)
33. Rear seat back lock LH removal (Fixed Seat) (See page 83-18)
34. Tonneau cover holder LH removal (with Tonneau cover) (See page 83-17)
35. Quarter trim panel UPR LH removal (with Package tray trim panel) (See page 83-17)
36. Deck side trim cover LH removal (See page 83-18)
37. Center pillar garnish LWR RH removal (See page 83-18)
38. Center pillar garnish LWR LH removal (See page 83-18)
39. Front door opening trim weatherstrip assembly RH removal (See page 83-18)
40. Front door opening trim weatherstrip assembly LH removal (See page 83-19)
41. Rear door opening trim RH removal (See page 83-19)
42. Rear door opening trim No. 2 removal (See page 83-19)
43. Roof side inner garnish RH removal (See page 83-19)
44. Roof side inner garnish LH removal (See page 83-19)
45. Shoulder belt anchor cover removal (See page 56-8)
46. Front seat outer belt assembly RH removal (See page 83-19)
47. Front seat outer belt assembly LH removal (See page 83-20)
48. Center pillar garnish UPR RH removal (without Curtain shield airbag) (See page 83-20)
49. Center pillar garnish UPR LH removal (without Curtain shield airbag) (See page 83-20)
50. Center pillar garnish UPR RH removal (with Curtain shield airbag) (See page 83-21)
51. Center pillar garnish UPR LH removal (with Curtain shield airbag) (See page 83-21)
52. Front pillar garnish RH removal (without Curtain shield airbag) (See page 83-21)
53. Front pillar garnish LH removal (without Curtain shield airbag) (See page 83-22)
54. Front pillar garnish RH removal (with Curtain shield airbag) (See page 83-22)
55. Front pillar garnish LH removal (with Curtain shield airbag) (See page 83-23)
56. Assist grip assembly removal (See page 83-24)
57. Lamp assembly No. 1 removal (See page 83-24)
58. Map lamp assembly removal (See page 83-25)
59. Inner rear view mirror stay holder cover removal (See page 76-16)
60. Inner rear view mirror assembly removal (See page 76-16)
61. Visor holder removal (See page 83-25)
62. Visor assembly RH removal (See page 83-25)
63. Visor assembly LH removal (See page 83-25)
64. Seat belt retractor cover removal (with Rear seat outer belt assembly center) (See page 83-25)
65. Rear seat outer belt assembly center removal (with Rear seat outer belt assembly center) (See page 83-26)
66. Roof headlining assembly removal (See page 83-26)

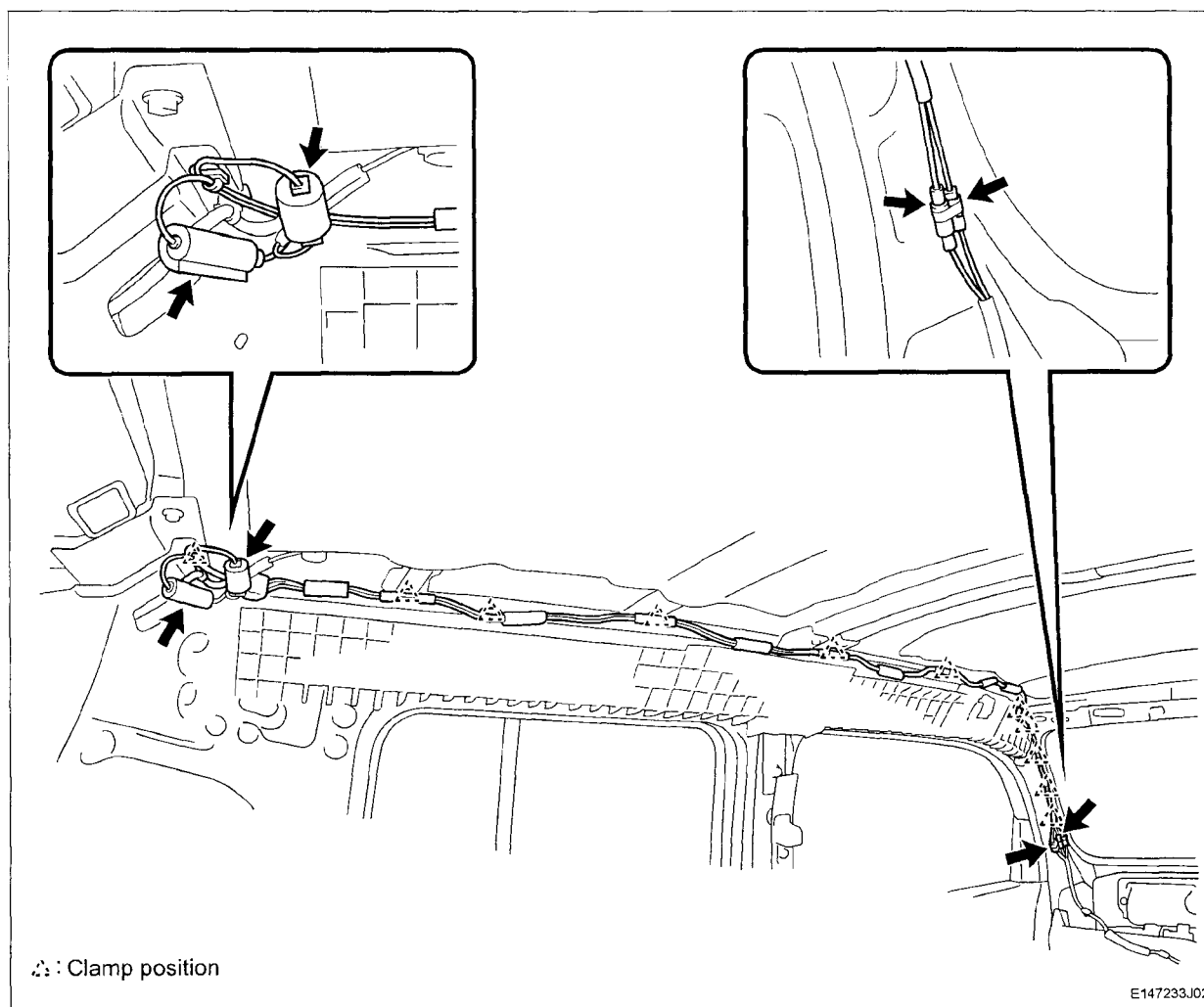
67. Antenna cable No. 2 removal



- (1) Disconnect each connector.
- (2) Remove the clips in 11 locations and remove the antenna cable No. 2.

INSTALLATION

1. Antenna cable No. 2 installation



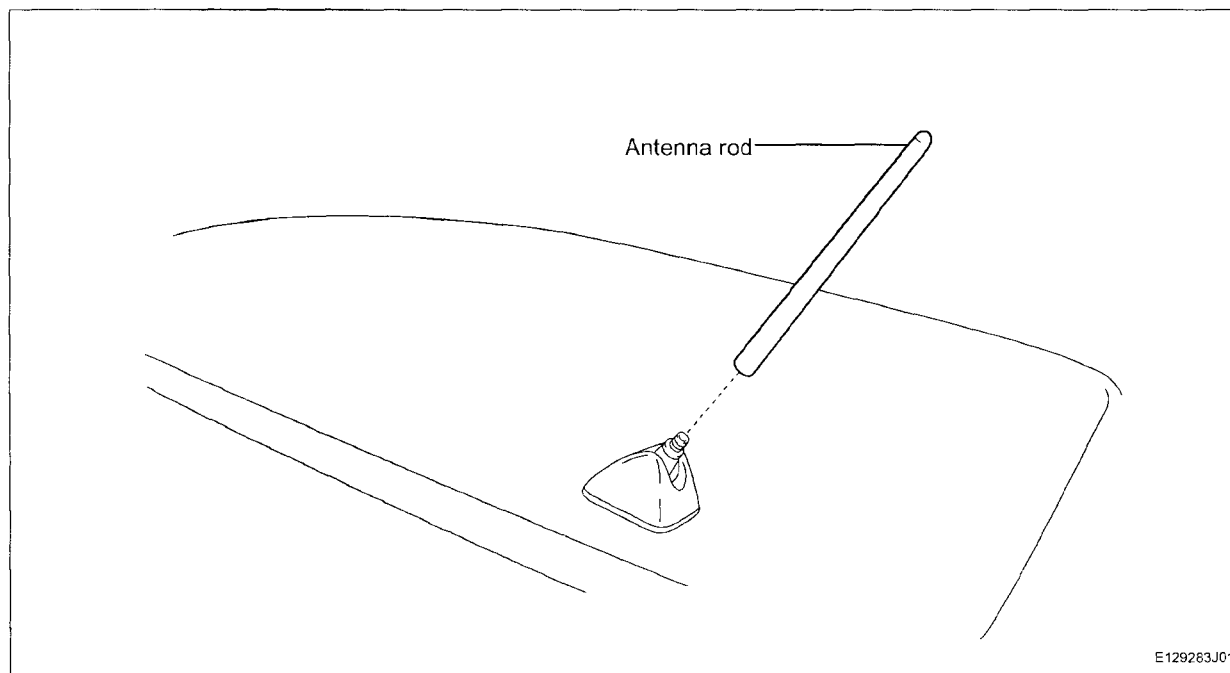
64

- (1) Attach the 11 clips.
- (2) Connect each connector and attach the antenna cable No. 1.
2. Roof headlining assembly installation (See page 83-28)
3. Rear seat outer belt assembly center installation (with Rear seat outer belt assembly center) (See page 83-29)
4. Seat belt retractor cover installation (with Rear seat outer belt assembly center) (See page 83-29)
5. Visor holder installation (See page 83-29)
6. Visor assembly RH installation (See page 83-29)
7. Visor assembly LH installation (See page 83-29)
8. Inner rear view mirror assembly installation (See page 76-17)
9. Inner rear view mirror stay holder cover installation (See page 76-17)
10. Room lamp assembly No. 1 installation (See page 83-29)
11. Map lamp assembly installation (See page 83-30)
12. Assist grip assembly installation (See page 83-30)
13. Front pillar garnish RH installation (without Curtain shield airbag) (See page 83-30)
14. Front pillar garnish LH installation (without Curtain shield airbag) (See page 83-31)
15. Front pillar garnish RH installation (with Curtain shield airbag) (See page 83-31)
16. Front pillar garnish LH installation (with Curtain shield airbag) (See page 83-32)

17. Center pillar garnish UPR RH installation (without Curtain shield airbag) (See page 83-33)
18. Center pillar garnish UPR LH installation (without Curtain shield airbag) (See page 83-33)
19. Center pillar garnish UPR RH installation (with Curtain shield airbag) (See page 83-33)
20. Center pillar garnish UPR LH installation (with Curtain shield airbag) (See page 83-33)
21. Front seat outer belt assembly RH installation (See page 83-33)
22. Front seat outer belt assembly LH installation (See page 83-34)
23. Shoulder belt anchor cover installation (See page 56-11)
24. Roof side inner garnish RH installation (See page 83-34)
25. Roof side inner garnish LH installation (See page 83-34)
26. Rear door opening trim RH installation (See page 83-35)
27. Rear door opening trim No. 2 LH installation (See page 83-35)
28. Front door opening trim weatherstrip assembly RH installation (See page 83-35)
29. Front door opening trim weatherstrip assembly LH installation (See page 83-35)
30. Center pillar garnish LWR RH installation (See page 83-35)
31. Center pillar garnish LWR LH installation (See page 83-35)
32. Deck side trim cover RH installation (See page 83-36)
33. Rear seat back lock RH installation (Fixed Seat) (See page 83-36)
34. Rear seat back lock cover RH installation (Fixed Seat) (See page 83-36)
35. Tonneau cover holder RH installation (with Tonneau cover) (See page 83-37)
36. Quarter trim panel UPR RH installation (with Package tray trim panel) (See page 83-37)
37. Deck side trim cover LH installation (See page 83-37)
38. Rear seat back lock LH installation (Fixed Seat) (See page 83-37)
39. Rear seat back lock cover LH installation (Fixed Seat) (See page 83-37)
40. Tonneau cover holder LH installation (with Tonneau cover) (See page 83-38)
41. Quarter trim panel UPR LH installation (with Package tray trim panel) (See page 83-38)
42. Rope hook installation (See page 83-38)
43. Rear No. 1 seat belt assembly OUT RH installation (See page 83-34)
44. Rear seat No. 1 belt assembly OUT LH installation (See page 83-34)
45. Rear door scuff plate RH installation (See page 83-38)
46. Rear door scuff plate LH installation (See page 83-38)
47. Cowl side trim board RH installation (See page 83-38)
48. Cowl side trim LH installation (See page 83-39)
49. Front door scuff plate RH installation (See page 83-39)
50. Front door scuff plate LH installation (See page 83-39)
51. Rear seat assembly installation (Sliding Seat) (See page 79-41)
52. Rear seat leg cover RH installation (Sliding Seat) (See page 79-42)
53. Rear seat leg cover LH installation (Sliding Seat) (See page 79-42)
54. Cross anchor bracket installation (Fixed Seat) (See page 79-25)
55. Rear seat hinge cover RH installation (Fixed Seat) (See page 79-25)
56. Rear seat hinge cover LH installation (Fixed Seat) (See page 79-26)
57. Rear seat back assembly RH installation (Fixed Seat) (See page 79-26)
58. Rear seat back assembly LH installation (Fixed Seat) (See page 79-26)
59. Rear seat cushion assembly installation (Fixed Seat) (See page 79-26)
60. Deck trim cover RR installation (See page 83-39)
61. Back door weather strip installation (See page 83-39)
62. Rear floor board No. 1 installation (with Spare tire (Temporary tire)) (See page 83-40)
63. Rear floor board No. 1 installation (with Spare tire (Ground tire)) (See page 83-40)

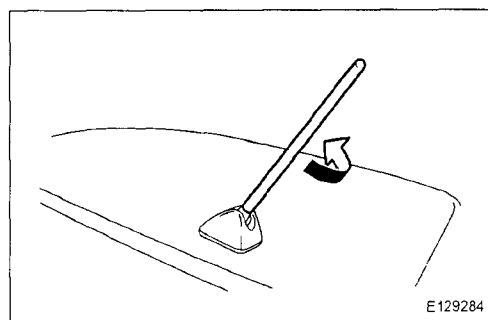
-
64. Deck board assembly installation (with Deck board) (See page 83-40)
 65. Tonneau cover assembly installation (with Tonneau cover) (See page 83-40)
 66. Package tray trim panel assembly installation (with Package tray trim panel) (See page 83-40)
 67. Battery minus terminal connection
Specified value: $T=6.4\text{N}\cdot\text{m}$ {65kgf*cm}

ANTENNA ROD COMPONENTS



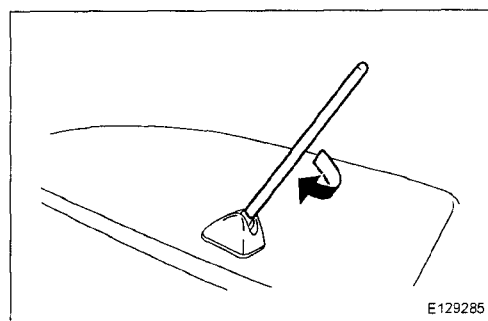
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REMOVAL



1. Antenna rod removal
(1) Rotate according to the arrow on the diagram and remove the antenna rod.

INSTALLATION



1. Antenna rod installation
(1) Rotate according to the arrow on the diagram and attach the antenna rod.