

GENUINE SATELLITE RADIO KIT

INSTALLATION INSTRUCTIONS

Thank you for purchasing a genuine Mazda accessory.

Before removal and installation, be sure to thoroughly read these instructions.

Please read the contents of this booklet in order to properly install and use the satellite radio kit. Your safety depends on it.

Keep these instructions with your vehicle records for future reference.

WARNING

- There are several  **WARNING** and  **CAUTION** sections in this booklet concerning safety when installing. Always read and follow them in order to prevent injuries, accidents, and possible damage to the vehicle.

 **WARNING:** Indicates a situation in which serious injury or death could result if the warning is ignored.

 **CAUTION:** Indicates a situation in which bodily injury or damage to the vehicle could result if the caution is ignored.

- If in any doubt, please ask your Mazda dealer to install the accessory in order to prevent errors in installation.
- If you have any questions about the use of the accessory, ask your Mazda dealer for proper advice before using it.
- Mazda and its suppliers are not responsible for injuries, accidents, and damage to persons and property that arise from the failure of the dealer or installer to follow these instructions.
- To ensure safety and reliability of the work, installation, removal and disposal work done by an Authorized Mazda Dealership is recommended.
- Be careful not to lose removed parts, and be sure that they are kept free from scratches, grease or other dirt.

PART NAME: SATELLITE RADIO KIT
PART NUMBER: 0000 81 N01
VEHICLE: CX-9

NOTE

To the dealer

- Please turn over these instructions to the customer after installation.

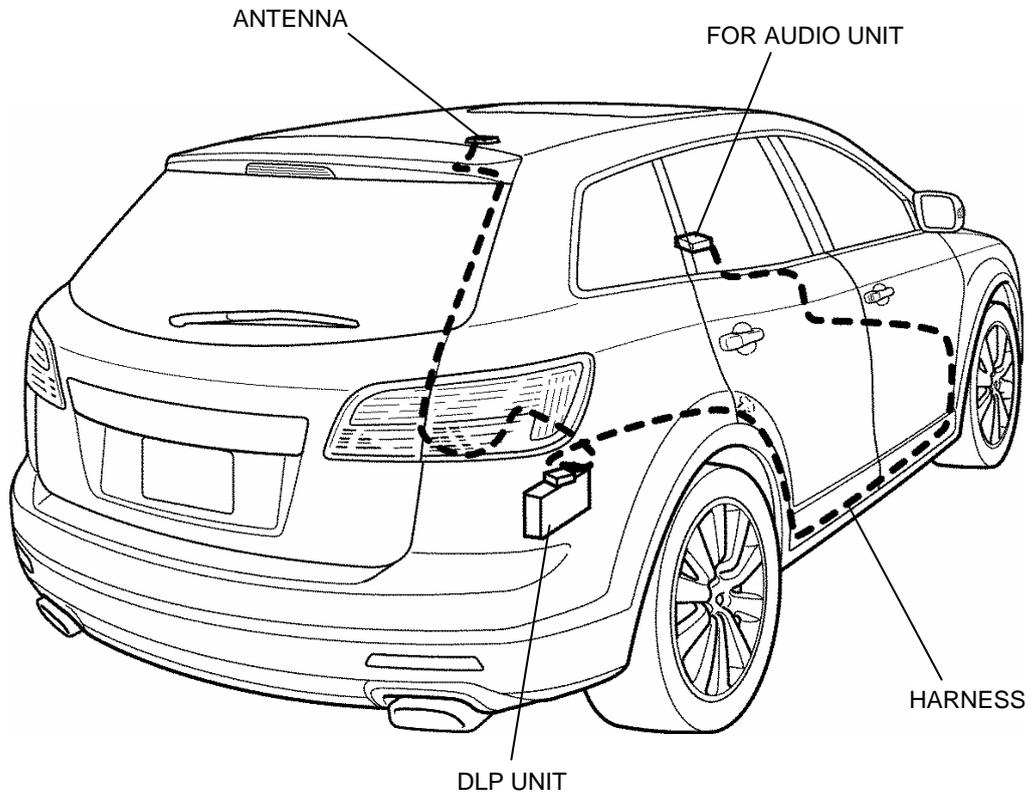
To the customer

- Keep these instructions after installation. The instructions may be necessary for installing other optional parts or removal of this accessory.
- Should the vehicle or this accessory be resold, always leave these instructions with it for the next owner.

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1

INSTALLATION VIEW

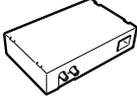
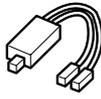
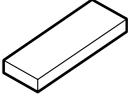
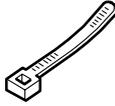
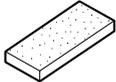
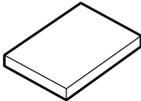
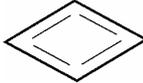


2 PARTS

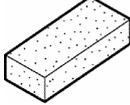
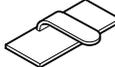
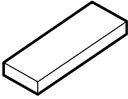
Note

- Verify that the kit includes all the following parts and that they are free of dirt, scratches or damage.

Basic kit (0000 81 G01B)

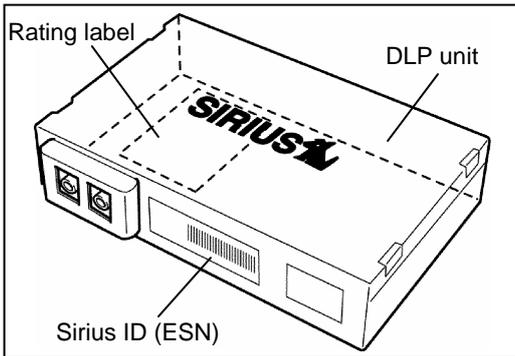
Part	Part name	Qty.	Part	Part name	Qty.	Part	Part name	Qty.
	Antenna 0000 81 Z02A	1		DLP unit 0000 81 Z01	1		Splitter 0000 81 Z13	1
	Cable 0000 81 Z03	1		Double-sided adhesive tape (For antenna)	1		Double-sided adhesive tape (For splitter)	1
	Double-sided adhesive tape	2		Tie wrap	7		Tie wrap (Long)	6
	Pad protector	9		Butyl tape	1		Clip	8
	Protector cushion	1		Alcohol wipe	1		Owner's Manual	1
	Installation instructions	1						

0000 81 N01 (For CX-9)

Part	Part name	Qty.	Part	Part name	Qty.	Part	Part name	Qty.
	Tie wrap (Long)	14		Sponge	3		Clip	2
	Double-sided adhesive tape	8		Urethane	1		Label	1
	Owner's Manual	1		Installation instructions	1			

Due to installation of Satellite Radio on this vehicle, the Auxiliary jack is disabled. To activate the Auxiliary jack, part number TD15-28-C2Z (Speaking Box) can be installed. Please see your Mazda dealer for further information.

3 BEFORE INSTALLATION



Rating Label Removal

1. Tear off lower part of the rating label on the bottom of DLP unit.
2. If there is nothing written in the Sirius ID (ESN) space of the rating label, write down the 12-digit number printed in the location shown in the figure.
3. Affix one rating label in the last page of the **Owner's Manual**.

Note

- The other rating label is for the dealer (port) records.
- Do not fail to submit the record.

The diagram shows a 'Rating label' with the following text:

SANYO Automedia
 MODEL NO. 14760850
 PART NO. 0000 81 Z01
 TDM1: 2322.293MHz
 TDM2: 2330.207MHz
 GDFDM: 2326.250MHz
DC 12 VOLTS NEGATIVE GROUND
 SANYO Automedia 333, 212 MADE IN MALAYSIA
 SERIAL NO. []
 THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE CONDITION THAT THIS DEVICE DOES NOT CAUSE HARMFUL INTERFERENCE.

Below the label is a barcode with a '2' in a box below it. To the left of the label are three numbered circles: ①, ②, and ③.

Below the label are two sets of fields for recording information:

① SERIAL NO. _____
 ② ESN _____
 ③ VIN _____

① SERIAL NO. _____
 ② ESN _____
 ③ VIN _____

Arrows indicate the following actions:

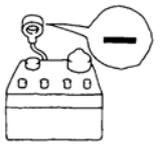
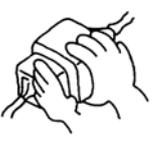
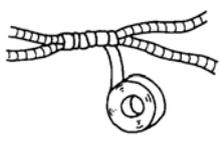
- ← Tear off (pointing to the top of the label)
- Affix to the back of the Owner's Manual. (pointing to the first set of fields)
- ← Tear off (pointing to the bottom of the label)
- Submit to the manager of installation department. (pointing to the second set of fields)

REQUIRED TOOLS

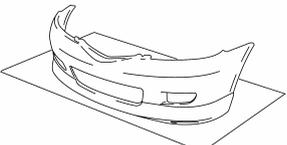
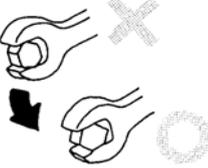
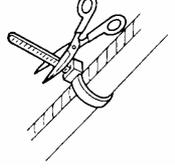
Prepare the following tools or items before installation.

- Electrical vinyl tape ● Mat ● Scissors ● Scale ● Touch-up paint or Zinc primer ● Phillips screwdriver
- Socket driver (8 mm, 10 mm, 14 mm) ● File ● Fiber stick ● Wrench ● ISP alcohol ● Torx wrench

⚠ WARNING

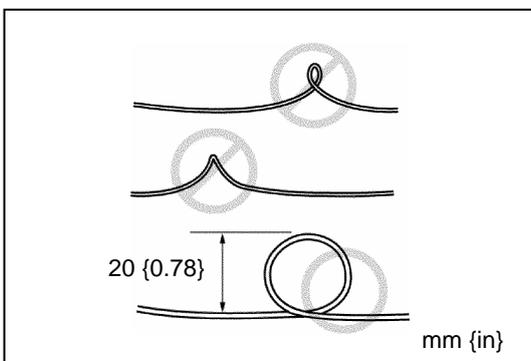
<p>When the negative battery cable is connected during operation, it may cause electric shock or other personal injuries. Disconnect the negative battery cable before removal/installation.</p>	<p>When connecting/disconnecting connectors, grasp the connectors, not the wires. Otherwise a short, an accident from poor contact or fire may occur.</p>	<p>Do not pull the harness with excessive force. Doing so can cause a breakage or a short-related accident, as well as an electrical short or fire.</p>	<p>Secure the harness with the band (part included) so it doesn't dangle. If not, it may cause a short, accident, or fire.</p>
			

⚠ CAUTION

<p>Put the removed parts and the parts in the kit on the protective sheet to prevent scratches.</p>	<p>Using improper tools may cause damage and or broken parts. Use the correct tool for the job.</p>	<p>Be sure to cover the vehicle body with protectors or mats to prevent stains, scratches and damage when removing/installing the vehicle parts.</p>	<p>Excessive length of tie wrap may interfere with other parts and cause damage. Cut unnecessary part up to about 5 mm {0.19 in} from the fixed point.</p>
			

⚠ WARNING

- When removing/installing the parts, park the vehicle on level ground and apply the side brake securely. Be sure to turn the ignition switch off, otherwise the vehicle can move, causing personal injury or vehicle damage.



⚠ CAUTION

- During the installation of the antenna cable make sure the cable is not pinched, knotted "kinked" or coiled too tightly. It is recommended that a coil of less than 20 mm {0.78 in} be avoided if possible.
- If this wiring procedure is not followed, the performance of the antenna will be affected and could result in increased audio muting.

Note

- When the negative battery cable is removed, the clock, radio, trip meters and other memories will be erased. Before performing work, record the content of the memory. **(See Note page 6)**

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PART REMOVAL

Negative battery cable disconnection

1. Set the selector lever to D range.
2. Disconnect the negative battery cable and wrap tape around it to insulate.

⚠ CAUTION

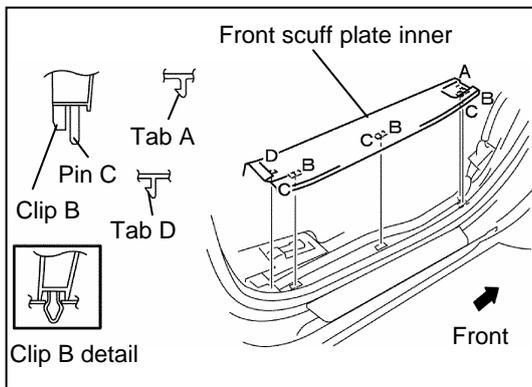
- When the negative battery cable is connected during operation, it may cause electric shock or other personal injuries. Disconnect the negative battery cable before removal/installation.

⚠ CAUTION

- Be careful not to damage or lose removed parts during removal.

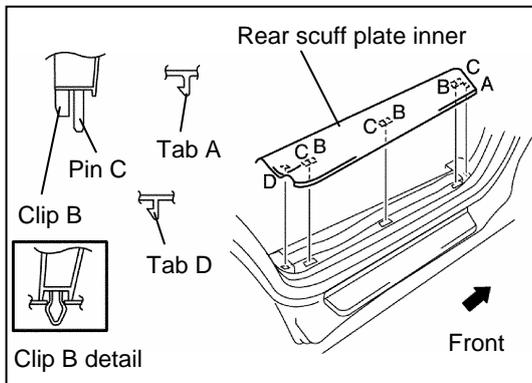
⚠ CAUTION

- Be careful not to damage the scuff plate during removal.



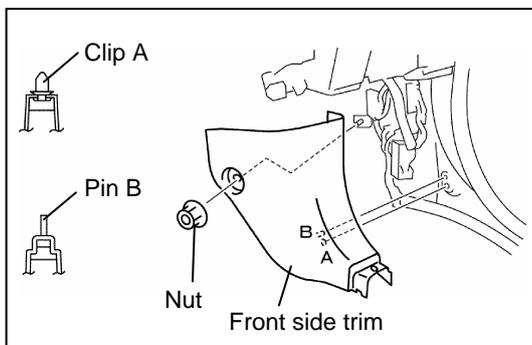
Front scuff plate inner (passenger's side) removal

1. Pull the front scuff plate inner upward while detaching tab A, detach clips B, pins C and tab D, from the body, and then remove the front scuff plate inner.



Rear scuff plate inner (passenger's side) removal

1. Pull the rear scuff plate inner upward while detaching tab A, detach clips B, pins C and tab D, from the body, and then remove the rear scuff plate inner.



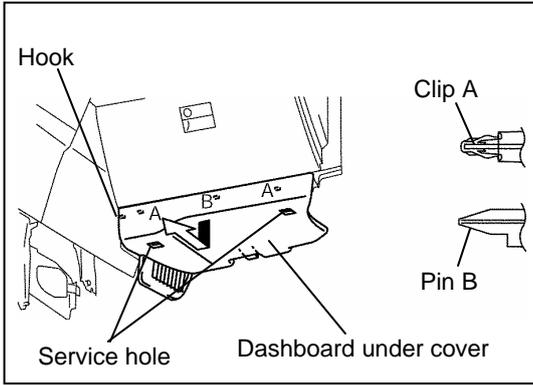
Front side trim (passenger's side) removal

1. Remove the nut.

⚠ CAUTION

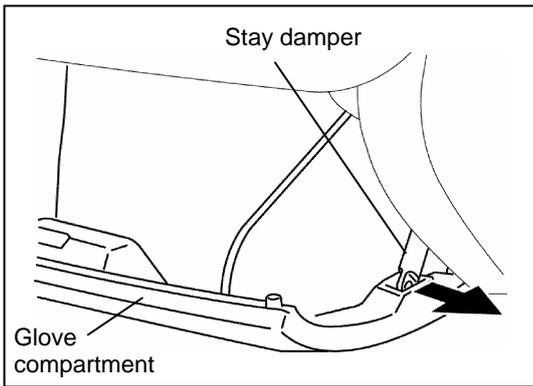
- Be careful not to tear the seaming welt when pulling it out.

2. Pull the front side trim upward, then detach clip A, pin B.



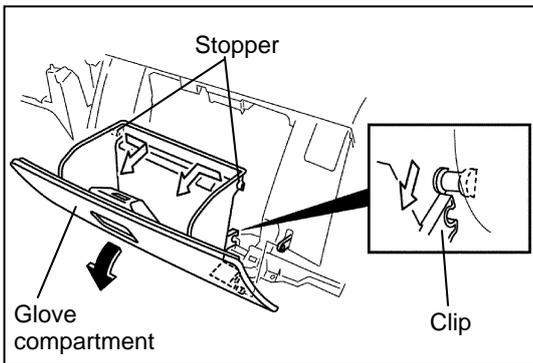
Dashboard under (passenger's side) cover removal

1. Insert fingers into the service hole and detach clips A and pin B and hooks by pulling in the direction of the arrow.
2. Remove the dashboard under cover.

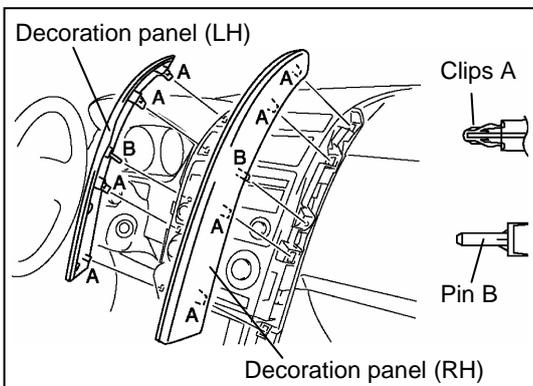


Glove compartment removal

3. Pull the stay damper in the direction shown in the figure, and detach the connecting part between the glove compartment and the stay damper.

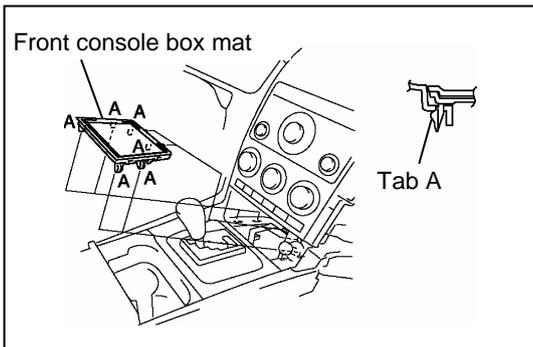


4. Press the stopper in and remove it.
5. Lower the glove compartment.
6. Detach the clips from the dashboard and remove the glove compartment.



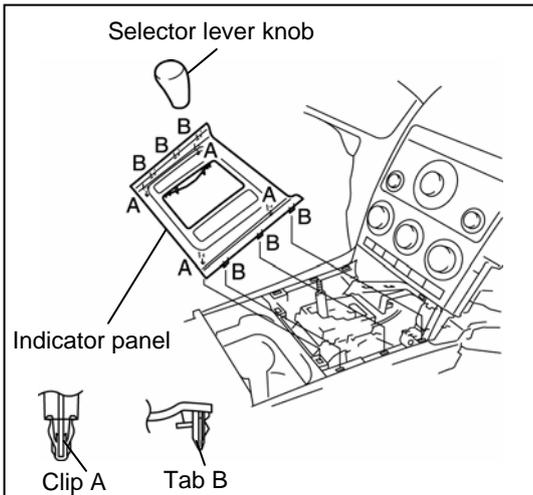
Decoration panel removal

1. Pull the decoration panel outward and detach clips A (4 locations) and pin B (1 location).
2. Remove the decoration panel.



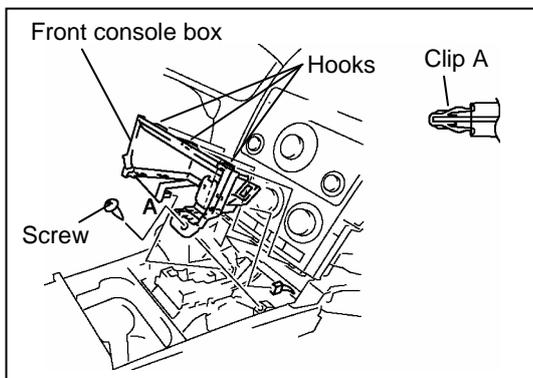
Front console box mat removal

1. Pull the front console box mat outward and detach tabs A (6 locations), then remove the front console box mat.



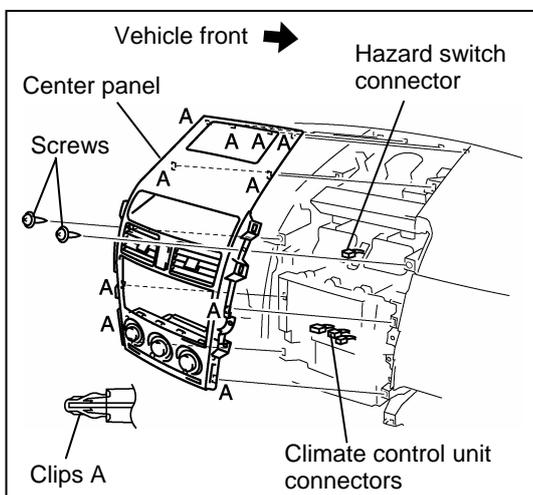
Indicator panel removal

1. Remove the selector lever knob.
2. Pull the indicator panel upward and detach clips A (4 locations) and tabs B (6 locations).
3. Remove the shift indicator illumination, and then remove the indicator panel.



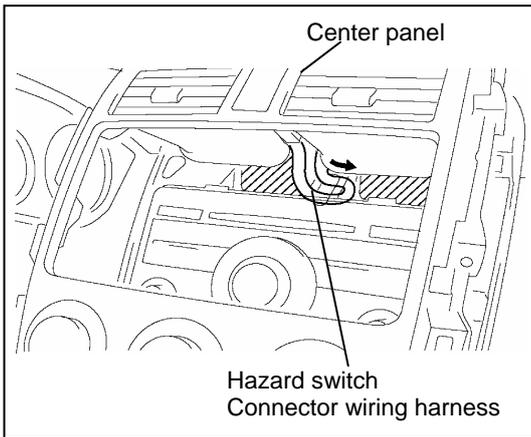
Front console box removal

1. Remove a screw (1 location).
2. Pull the front console box outward and detach clip A (1 location) and hooks (3 locations).
3. Disconnect the accessory socket connector.
4. Remove the front console box.



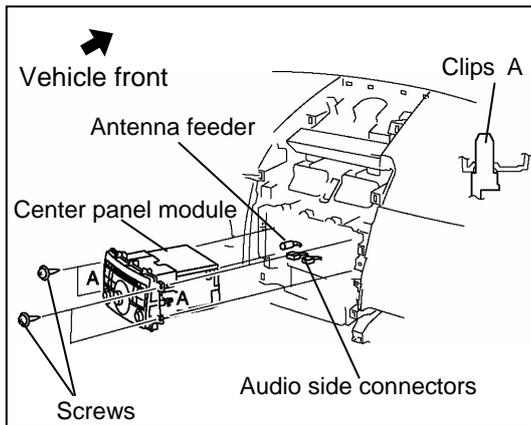
Center panel removal

1. Remove the screws (2 locations).
2. Pull the center panel outward and detach clips A (10 locations).
3. Disconnect the hazard switch connector and climate control unit connectors.
4. Remove the center panel.



CAUTION

- The ventilator grilles will be installed to the shaded areas shown in the figure. Therefore, if a wiring harness is in the areas, it could get caught and damaged. When installing the center panel, completely press in the wiring harnesses of the hazard warning switch connector in the direction of the arrow so that the wiring harnesses will not be caught.

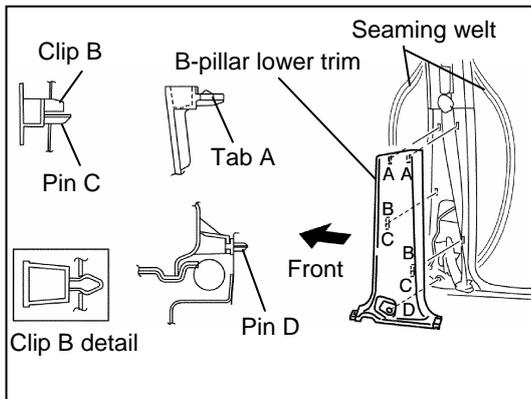


Center panel module removal

1. Remove the screws (4 locations).
2. Pull the center panel module outward slowly and detach clips A (2 locations).
3. Disconnect all the audio side connectors and antenna feeder, then remove the center panel module.

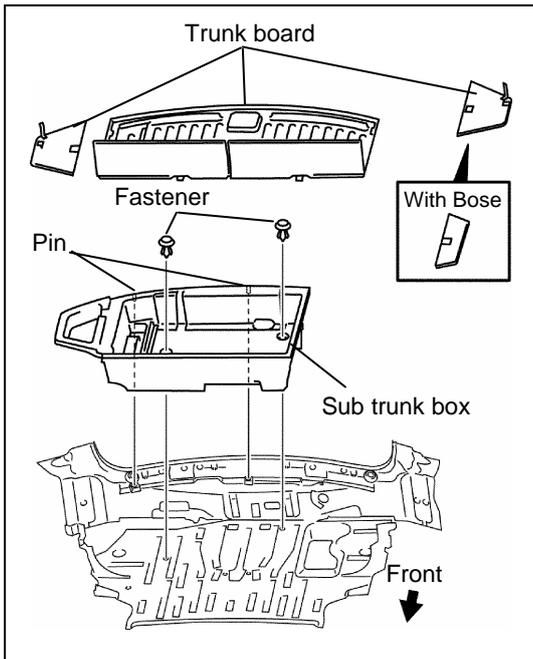
CAUTION

- When installing the center panel module, make sure that the wiring harness and antenna feeder are not caught between the module and dashboard. If the wiring harness or the antenna feeder is caught between the module and dashboard, it may cause malfunctions.



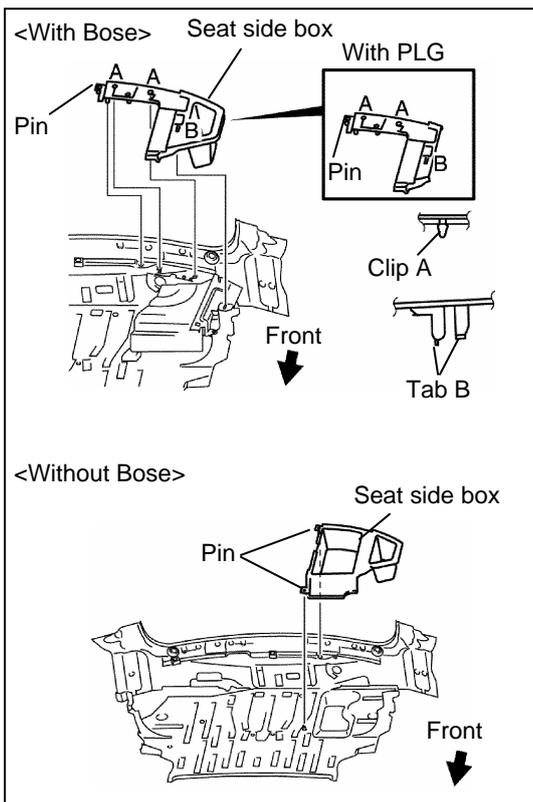
B-pillar lower trim (passenger's side) removal

1. Partially peel back the seaming welt.
2. Pull the B-pillar lower trim outward and detach tabs A, clips B, pins C and D.
3. Remove the B-pillar lower trim.



Trunk box removal

1. Remove the trunk board.
2. Remove the fastener.
3. Remove the trunk box.



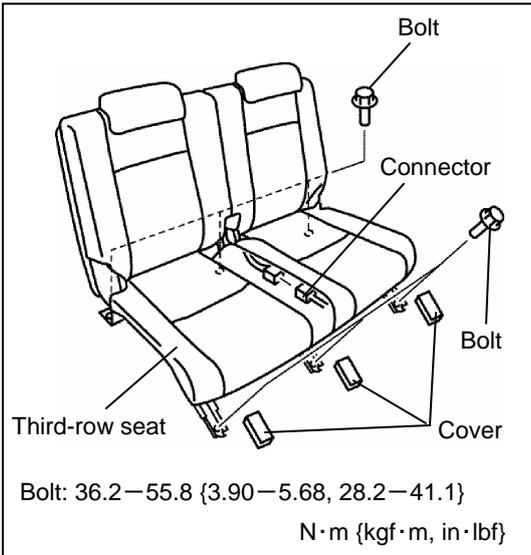
Seat side box removal

<With Bose>

1. Pull the seat side box outward and detach clips A, and tab B.
2. Remove the seat side box.

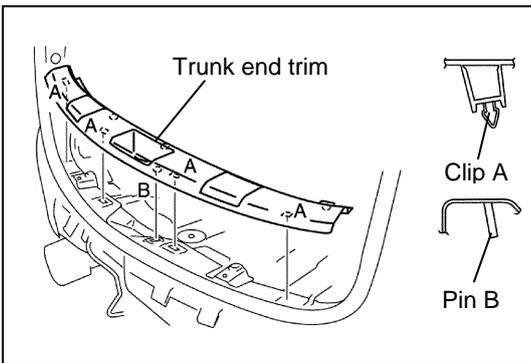
<Without Bose>

1. Remove the seat side box.



Third-row seat removal

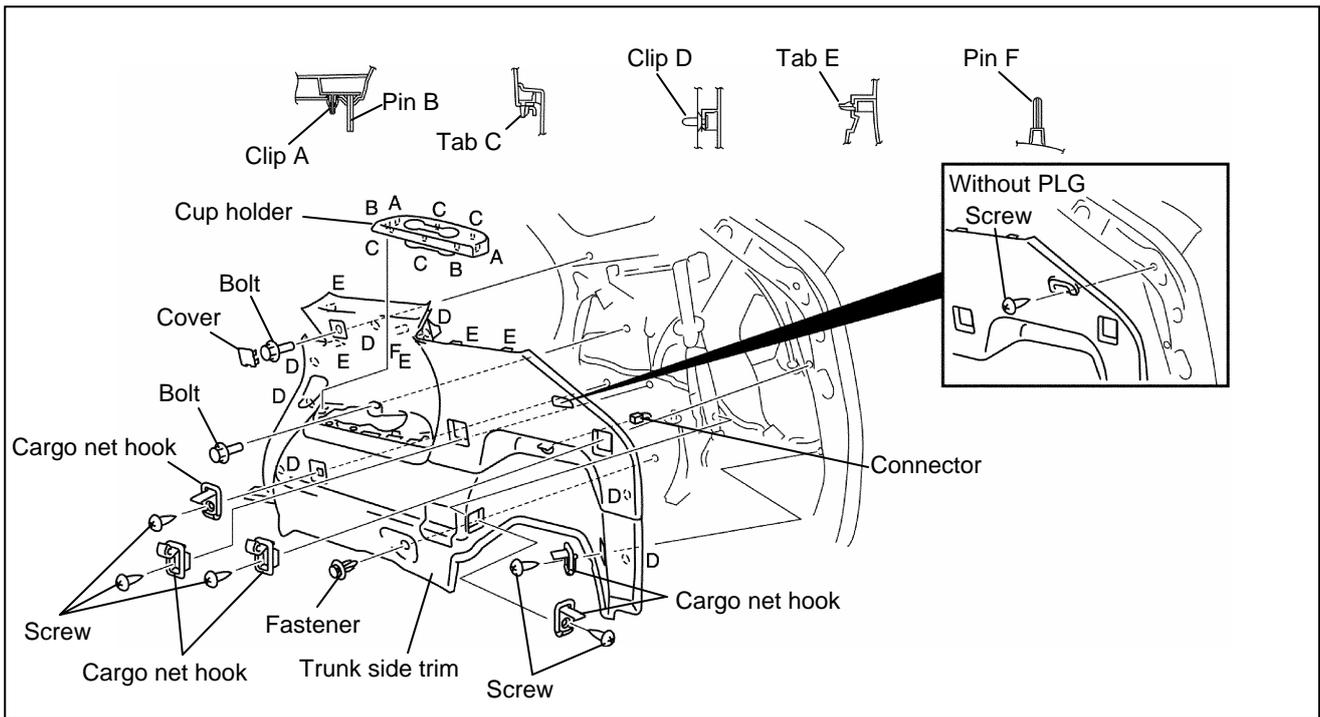
2. Remove the covers.
3. Remove the bolts.
4. Disconnect the connector. (With third-row seat back electric reversion mechanism)



Trunk end trim removal

1. Remove the fasteners.
2. Pull the trunk end trim upward, then disengage tabs A, clips B and pins C.
3. Remove the tabs D.
4. Remove the trunk end trim.

Trunk side trim (Passenger's side) removal

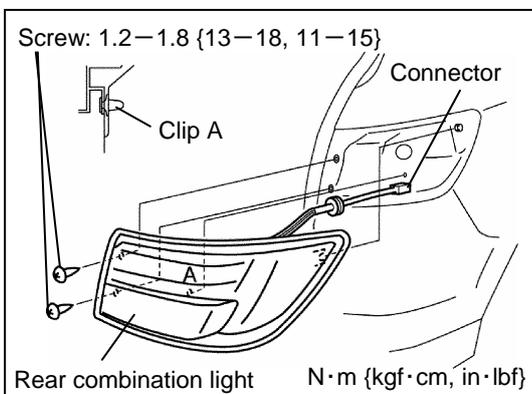


1. Remove the third-row seat belt lower anchor bolt.

Tightening torque:

Bolt : 38.2—78.4 N·m {3.90—7.99 kgf·m, 28.2—57.8 in·lbf}

2. Pull the cup holder upward and detach clips A, pins B, and tabs C.
3. Remove the cup holder.
4. Remove the screw, and remove the cargo net hook.
5. Remove the cover.
6. Remove the bolts.
7. Remove the screw. (Vehicles without PLG)
8. Pull the trunk side trim outward and detach clips D, tabs E, and pin F.
9. Disconnect the accessory socket connector.
10. Remove the trunk side trim.

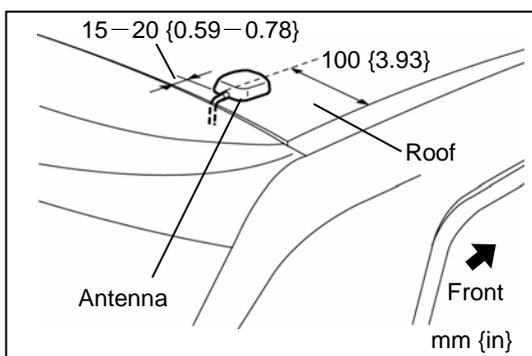
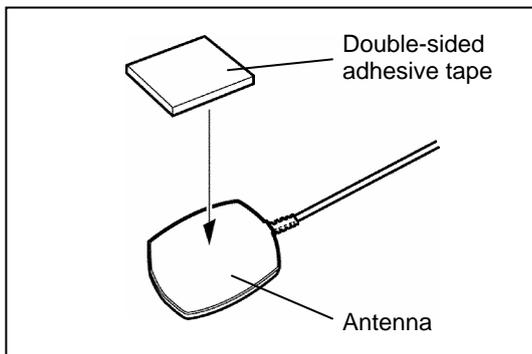
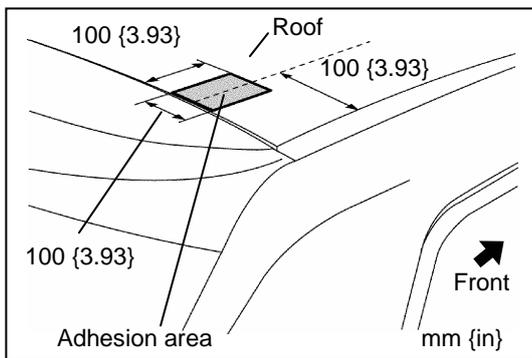
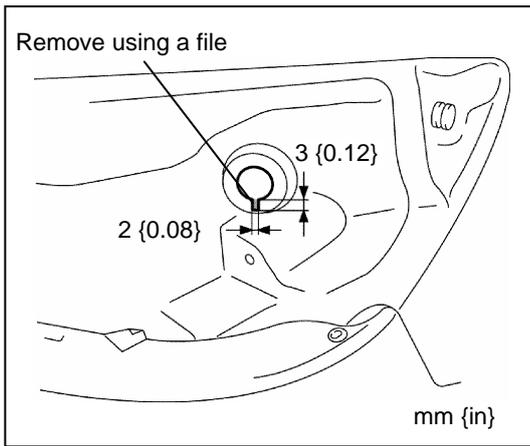


Rear combination light (Passenger's side) removal

1. Disconnect the connector.
2. Remove the screws.
3. Remove the rear combination light.

5

INSTALLING ANTENNA



1. File the hole where the rear combination light harness passes through as shown in the figure.

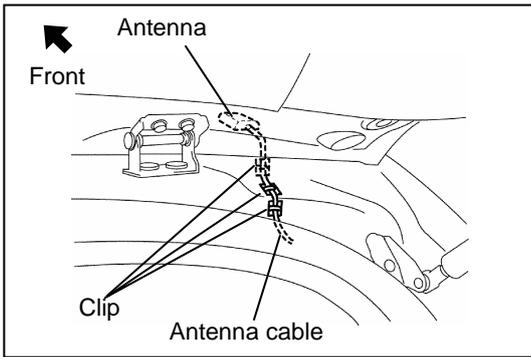
⚠ CAUTION

- When filing, always use a mat or other protection to prevent shavings from getting into the vehicle interior.
- Be sure to remove any burrs after filing.
- Remove any chips or drill filings that may have fallen in the vehicle.

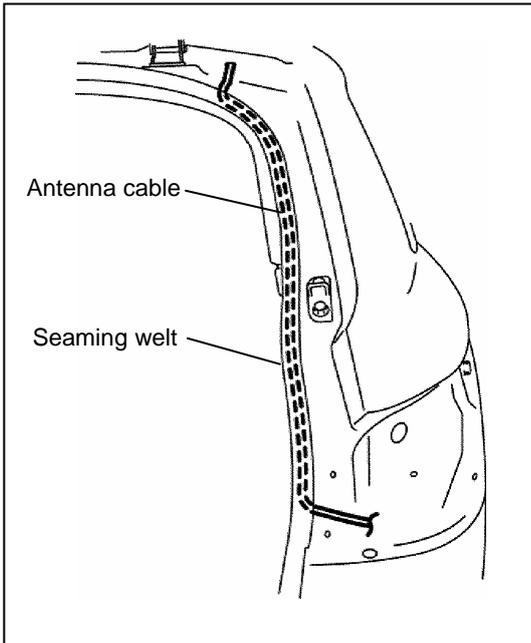
2. Using ISP alcohol, remove grease from around the holes and apply touch-up paint or zinc primer for rust prevention.
3. Clean the adhesion area on the roof with ISP alcohol.

4. Affix the double-sided adhesive tape to the antenna.

5. Install the antenna in the position shown in the figure.



6. Clean the adhesion area of the clip with ISP alcohol.
7. Attach the clip to the vehicle as shown in the figure.
8. Install the antenna cable to the clips.

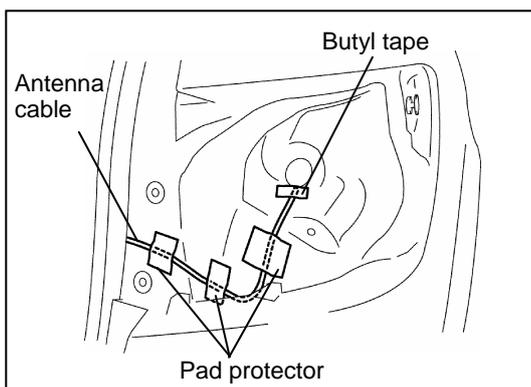


9. Pull the seam upward and route the antenna cable in the seaming welt. (Does not need to be completely removed)

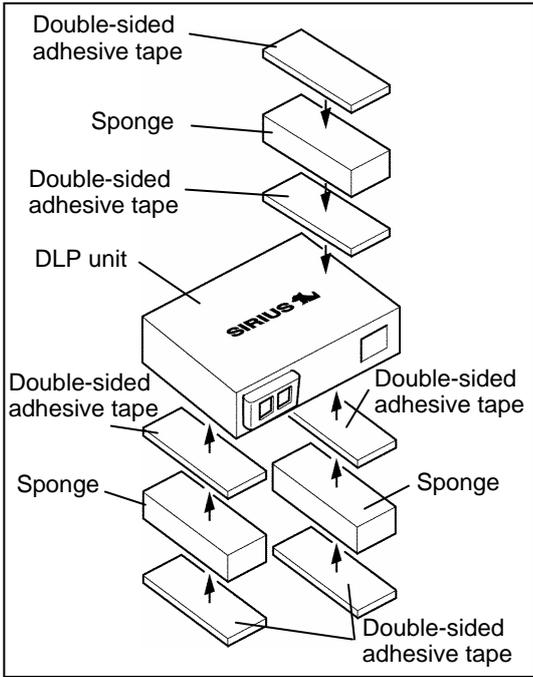
CAUTION

- Be careful not to tear the seaming welt when pulling it up.

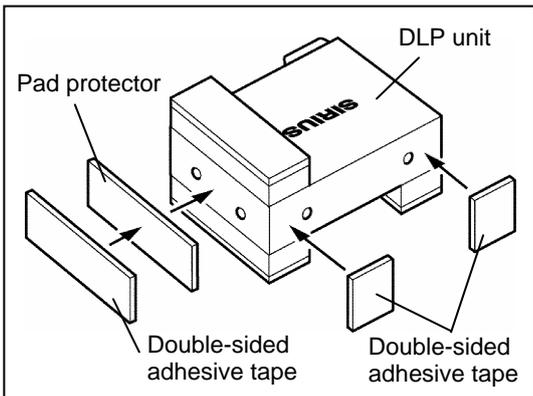
10. Reinstall the rubber seaming welt to its original position.



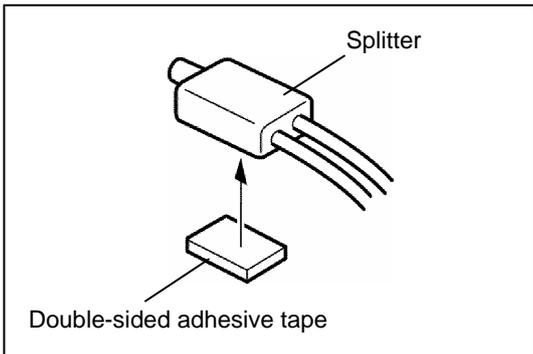
11. Clean the adhesion area with ISP alcohol.
12. Secure the antenna cable in place with the butyl tape and pad protector halves.



13. Affix sponges and double-sided adhesive tape to the DLP unit.



14. Affix pad protectors and double-sided adhesive tape to the DLP unit.

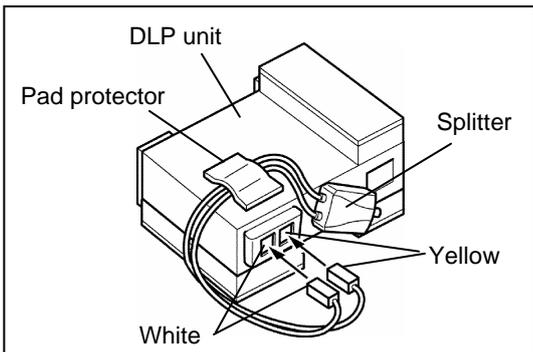


15. Clean the adhesion area of the clip with ISP alcohol.

16. Affix the double-sided adhesive tape to the splitter.

Note

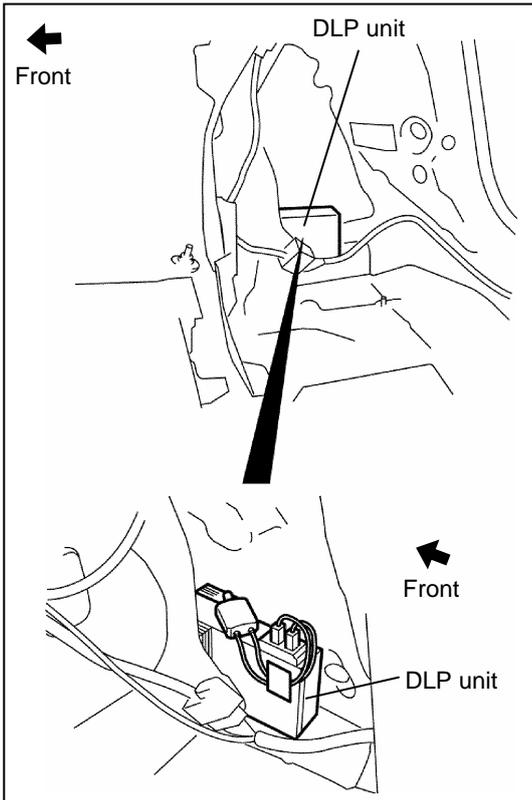
- Match the size of double-sided adhesive tape to the size of the splitter before cutting.



17. Connect the splitter cable to the DLP unit.

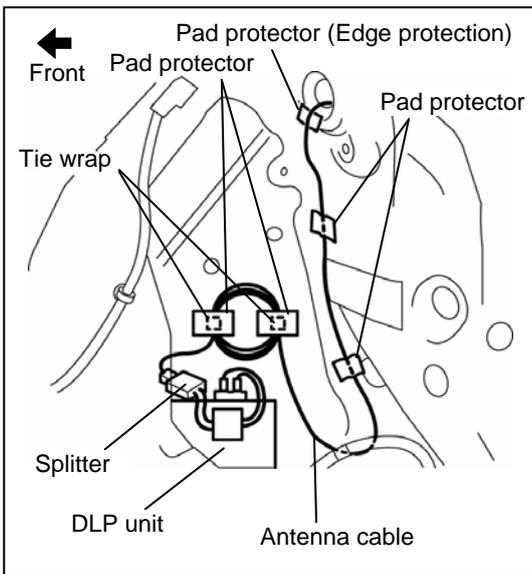
18. Secure the splitter to the side of the DLP unit with double-sided adhesive tape.

19. Secure the splitter cable with pad protector halves.



20. Clean the adhesion area with ISP alcohol.

21. Secure the DLP unit between the panels in the trunk side trim.



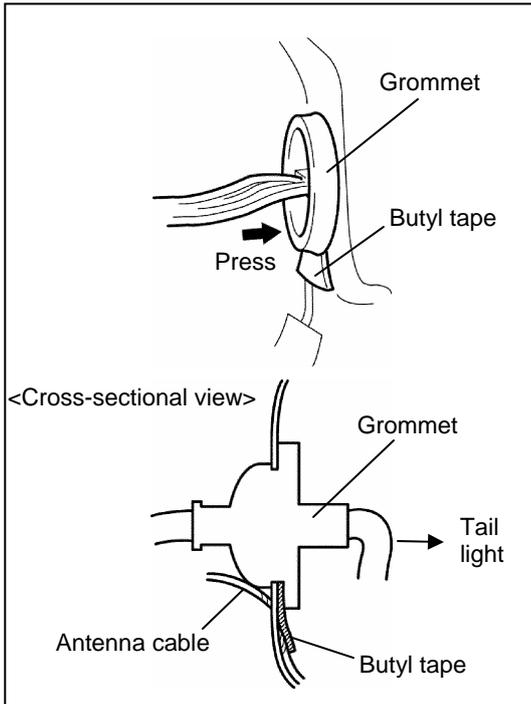
22. Route the antenna cable as shown in the figure and secure it with pad protector halves.

23. Bundle up the antenna cable into a loop using a tie wrap (short), and secure it to the vehicle panel with pad protector halves.

CAUTION

- Be sure to bundle the antenna cable into a loop.

24. Connect the antenna cable connector to the splitter.



25. Install the rear combination light grommet.

CAUTION

- Press the rear combination light grommet firmly against the butyl tape when installing.

26. Install the rear combination light.

27. Reconnect the rear combination light connector.

⚠ CAUTION

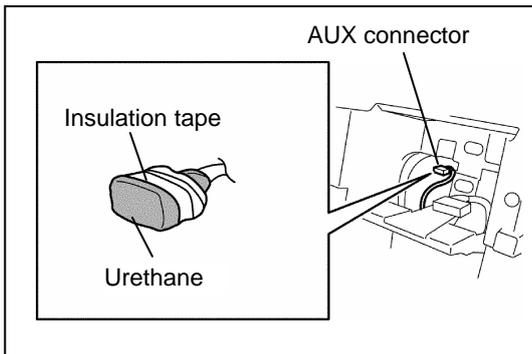
- There are three different procedures to install the Satellite Radio Kit to the CX-9. Refer to the following procedures.

<Vehicles without AUX>: Go to "7.INSTALLING THE CABLE"

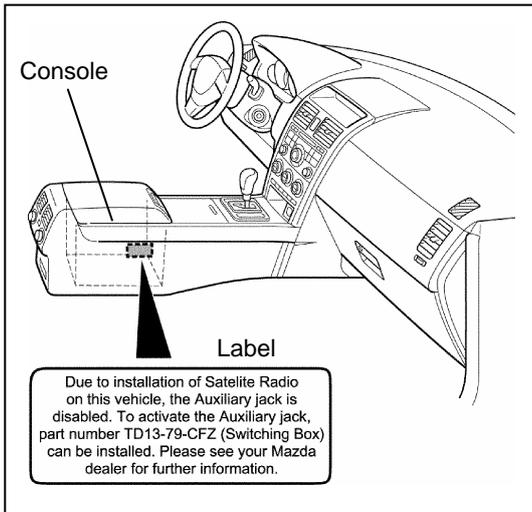
<Vehicles with AUX>:

- Go to "6. INSTALLATION WITHOUT ENABLING AUXILIARY JACK". The satellite radio installation disables the auxiliary jack.
- A switching box (selector box) is to be purchased and both the SIRIUS and AUX are to be enabled: Refer to the switching box (selector box) Installation instructions for CX-9 included with that part.

6 INSTALLATION WITHOUT ENABLING AUXILIARY JACK



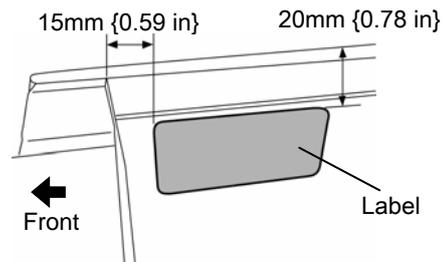
1. Wrap the AUX connector connected to the center panel module with urethane and secure with insulation tape.



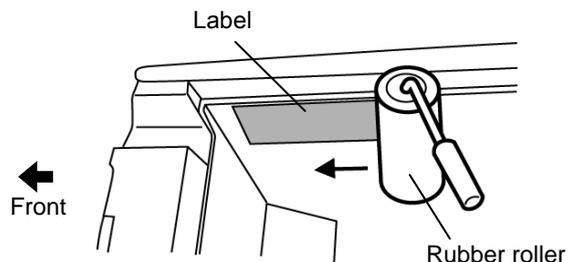
2. Adhere the label to the console.

⚠ CAUTION

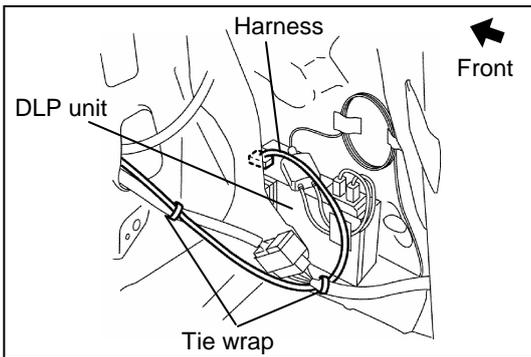
1. Clean installation area with a light mist of 50/50 alcohol and water.
2. Place the sticker 15mm {0.59 in} from the front edge and 20 mm {0.78 in} from the top of the console. (note, use the edge of the inset in the console for a guide. The label should be placed as straight as possible)



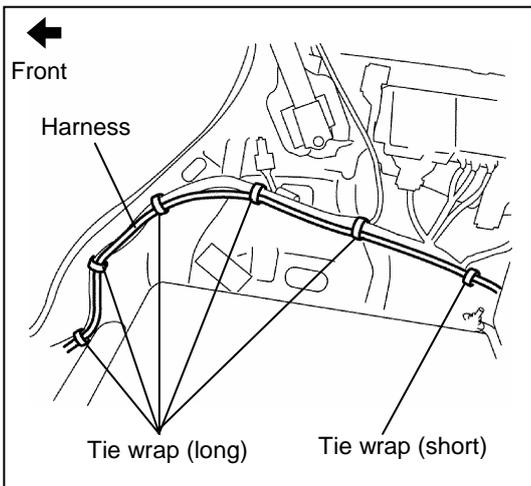
3. Use a hard rubber roller to apply equal pressure against to the label to assure it is completely adhered to the side of the console.
4. Inspect the label, and make sure it is straight in appearance.



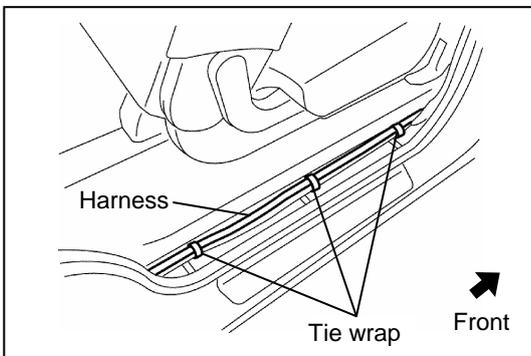
7 INSTALLING THE CABLE



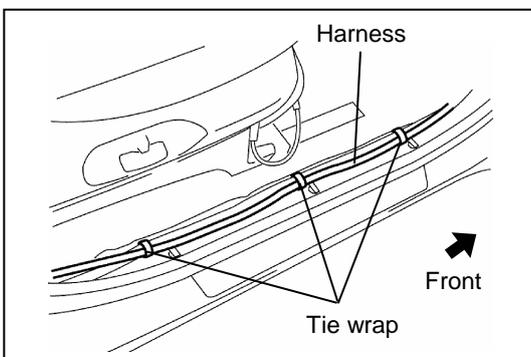
1. Connect the harness connector (black) to the DLP unit.
2. Route the harness through the inside of the trunk side trim and secure it with tie wraps (short).



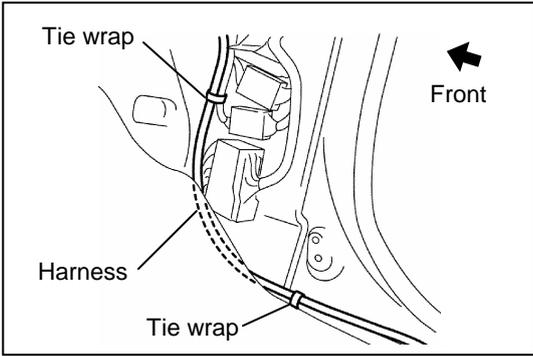
3. Route the harness through the inside of the trunk side trim and secure it with tie wraps.



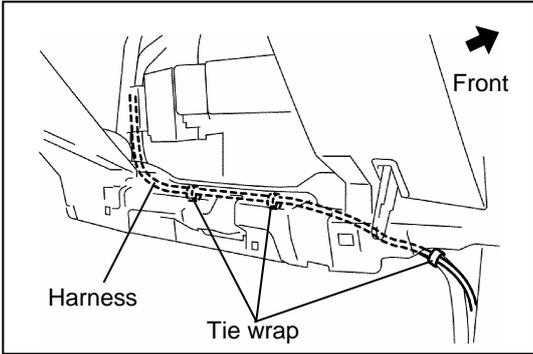
4. Route the harness through the inside of the rear scuff plate inner and secure it with tie wraps (long).



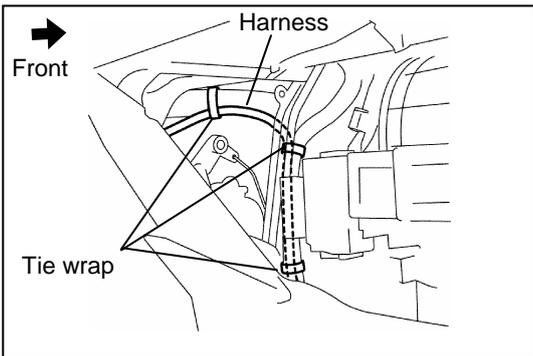
5. Route the harness through the inside of the front scuff plate inner and secure it with tie wraps (long).



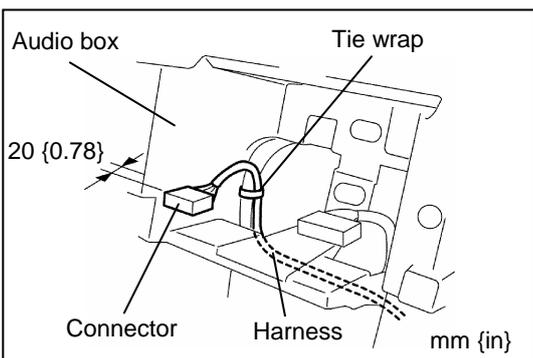
6. Secure the harness to the vehicle wiring harness inside of the front side trim with tie wraps (short).



7. Secure the harness to the vehicle wiring harness inside of the glove compartment with tie wraps (long).



8. Secure the harness to the vehicle wiring harness inside of the glove compartment with tie wraps (long).



9. Pull the 16-pin connector (white) 20 mm {0.78 in} out from the audio box.

10. Secure the harness to the vehicle wiring harness inside of the audio box with tie wrap (long).

8

REINSTALLATION OF VEHICLE PARTS

- Disconnect the negative battery cable and wrap tape around it to insulate

CAUTION

- When the negative battery cable is connected during operation, it may cause electric shock or other personal injuries. Disconnect the negative battery cable before removal/installation.

- Install in the reverse order of “4. Part removal”.

CAUTION

- After installing the vehicle parts, check for dirt. Clean any dirty parts.

- Perform the Inspection indicated on the last page of these installation instructions.

Note

- After completing the installation, refer to the owner’s manual for instructions on how to reset the clock and preset radio stations, and record the trip meter numbers on the check sheet.

CAUTION

- When the battery is disconnected, the windows will not fully open and close automatically. Perform the following procedure to resume operation:
 1. Turn the ignition switch to the ON position.
 2. Press the switch and fully open the window.
 3. Pull up the switch and continue holding for about 2 seconds to fully close the window.
 4. If the function does not operate even after the ignition switch is turned off, contact an Authorized Mazda Dealer.

9

INSPECTION

- Inspect the installed / reinstalled parts for the following items.
- Inspection parts differ depending on the vehicle.

Inspection Parts	Inspection Items (○)			
	Clearance/Fit	Scratches/ Dirt/ Harness interference	Installation/ Tightening/ Engagement	Operation check
Rear combination light	○	○	○	○
Trunk side trim	○	○	○	
Trunk end trim	○	○	○	
Third-row seat	○	○	○	○
Seat side box	○	○	○	
Trunk box	○	○	○	
B-pillar lower trim	○	○	○	
Center panel module	○	○	○	*1 ○
Center panel	○	○	○	
Front console box	○	○	○	
Indicator panel	○	○	○	
Front console box mat	○	○	○	
Decoration panel	○	○	○	
Glove compartment	○	○	○	
Front side trim	○	○	○	
Rear scuff plate inner	○	○	○	
Front scuff plate inner	○	○	○	
FM/AM Radio				○
Navigation				○
Rear camera				○
Window automatic				○

○ : Applicable

*1: Refer to the Owner's Manual and the SATELLITE RADIO instruction manual, and verify that the system operates correctly.

Ex.: Turn the power ON, increase the volume, and press the SAT button.

- Direct access channel 184 is a test channel provided by Sirius.
Press the SAT button on the radio, and if properly installed you will receive a signal from the Sirius broadcast.

Note: Sirius broadcasts can only be received in an open area, enclosed spaces such as garages or work buildings block the satellite reception.

Date _____, _____, _____					
Vehicle. _____					
VIN. _____					
Approved		Checked		Person in charge	

The term of validity for this sheet: 3 months