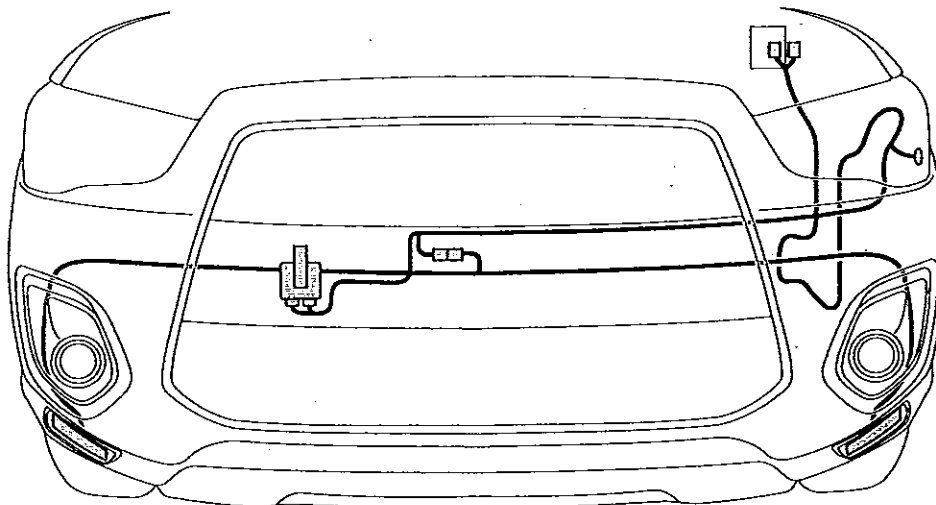


MITSUBISHI MOTORS  
**GENUINE PARTS**

## ASX / OUTLANDER SPORT DAYTIME RUNNING LIGHTS MZ583015EX INSTALLATION INSTRUCTIONS





The front corner extension (sold separately) is required for installation of this product.

Make sure to follow the instructions in this manual for proper installation.

### Attention

- This manual gives precautionary instructions with the following symbols:

 **Warning** /  **Caution** These symbols indicate a particularly important safety instruction. Read and follow carefully for your safety.  
Failure to heed the caution may result in human injuries or accidents.

 **Note** This symbol indicates an advisory instruction to follow during installation.

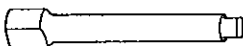
- The initial installation quality determines the level of performance, durability, and trouble occurrence in the future. Make sure to read the following instructions carefully beforehand for proper installation.
- Failure to follow these instructions not only prevents the product from working properly but may also lead to trouble with the vehicle. Do NOT attempt installation other than instructed in this manual.
- Mitsubishi Motors Corporation does not assume responsibility for any defects or difficulties caused by or resulting from failure to follow given instructions.
- We strongly recommend you to have installation performed at an authorized Mitsubishi Motors dealer.

### ● TOOLS (Make the following tools ready for use.)

Socket Wrench (10mm/12mm/13mm)



Extension Bar (Medium)



Phillips Screwdriver



Cutting Pliers



Wrench (10mm/12mm/13mm)



Trim Remover



Vinyl Tape

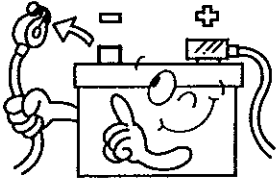


# Installation Precautions

- Make sure to refer to safety reminders (⚠ Danger ⚠ Warning ⚠ Caution) in the manual during installation. Failure to follow these instructions (⚠ Danger ⚠ Warning ⚠ Caution) could result in malfunction of the product and/or the vehicle.
- Organize removed tapping screws, bolts, nuts, etc. part by part to avoid loss when disassembling vehicle parts and make sure that all the parts are restored to their original position after installation work. Treat the vehicle and removed parts with special care to keep them from damage.

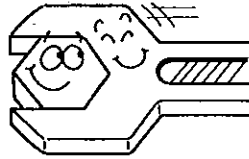
## Before Installation

- Be sure to disconnect the negative terminal cable from the battery.



## When Installing or Removing Parts

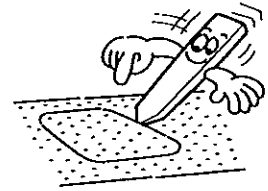
- Loosen or tighten bolts and nuts with a tool that matches their size.



- Use a Phillips screwdriver that matches the recess in the screw head.

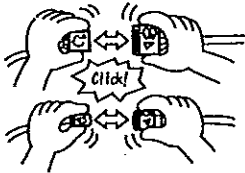


- To remove plastic parts, use a trim remover.

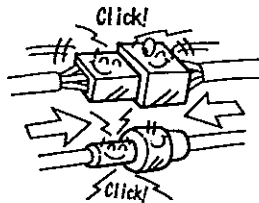


## Wiring

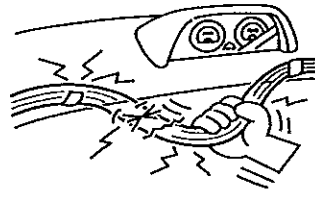
- When disconnecting connectors, first unlock them. Then separate the connectors by pulling on them, not on cables.



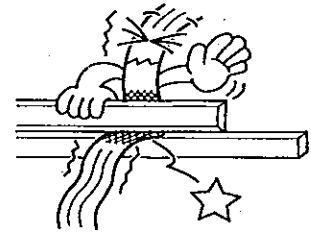
- When connecting connectors, push them against each other until the lock clicks.



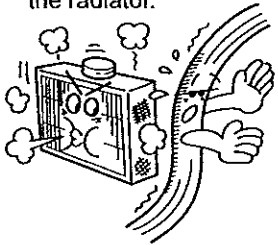
- Do not pull on wiring harnesses strongly.



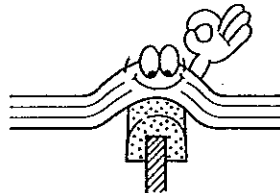
- Do not let harnesses be pinched between parts.



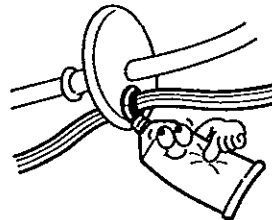
- Route harnesses away from hot components such as the engine and the radiator.



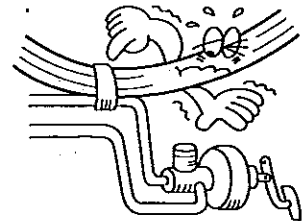
- Protect harnesses from sharp edges by covering the edges with tape or other suitable materials.



- Apply sealant to grommets at portions where harnesses run through.

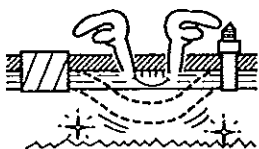


- Do not fasten harnesses to brake pipes or high pressure air conditioner pipes.



## Clamping Harness

- Fasten excessive harnesses to existing vehicle harnesses with tape or cable ties.



- For harness protection, cover bare harnesses with vinyl tape before

- Bind up extra length of harnesses using a cable tie.

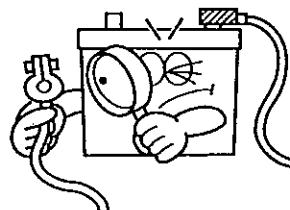


- If one cable tie is too short, use two cables connected together.

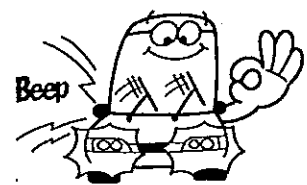


## After Installation


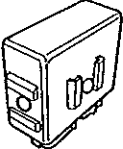
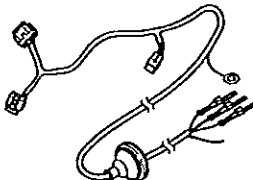
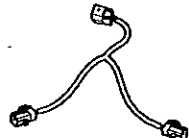
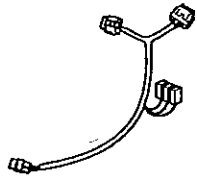

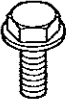


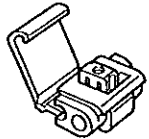


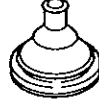
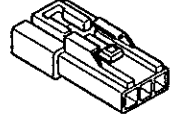
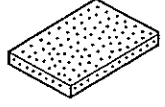
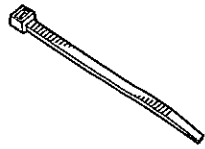
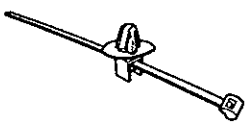
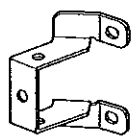
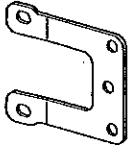
- Check the product and wiring for installed condition before connecting the cable back to the battery.




- Check the installed product for function. Also check lamps, horn, wipers, etc. for proper operation.



● **COMPONENTS** (Make sure that all of the following components are included in the kit.)

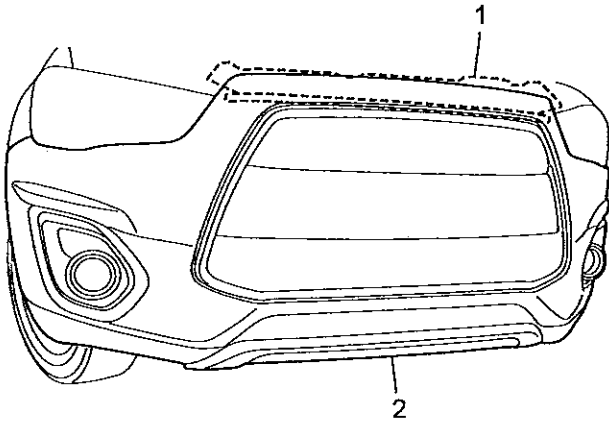
① LED Daylight Lamp: 2 	② Driver Unit: 1 	③ Main Harness: 1 	④ Bumper Harness: 1 	⑤ Interior Harness: 1 
⑥ Drive Bracket: 1 	⑦ Hexagon Bolt (M6x25): 1 	⑧ Flange Nut (M6): 2 	⑨ Washer (M6): 2 	⑩ Electrotap: 1 
⑪ Hexagon Bolt (M6x16): 4 	⑫ Screw (M6x16): 8 	⑬ Grommet: 1 	⑭ 3-pin Male Housing: 1 	⑮ Foam Tape: 3 
⑯ Cable Tie: 23 	⑰ Cable Tie with Clip: 12 	⑱ Bracket A: 2 	⑲ Bracket B: 2 	

⚠ **PRECAUTIONS**

- Make sure to refer to statements in a circular box (  ) in the installation instructions as they highlight particularly important points.
- Disconnect the negative terminal cable from the battery before installation. (The engine switch and the lighting switch have to be turned off whenever the negative terminal cable is connected to/disconnected from the battery.)  
Because disconnecting the negative terminal cable from the battery will result in loss of the memory of such devices as the radio and the audio, back up the memory before disconnecting the cable and restore it when installation work completes. (For the memory restoring procedure, refer to the owner's manual.)
- Take special care not to damage the vehicle during installation.
- Make sure to connect harnesses securely.
- Fix harnesses with vinyl tape or cable ties at locations where they may contact other vehicle parts in order to protect them from damage and dangling.
- When cutting cable ties short, pay attention to the following points in order not to get injured by cut edges:
  - (1) Cut off the excess cable tie as close to the head as possible and avoid acute cutting angle.
  - (2) Cut a cable tie in a way the cut edge points downward.
- Tighten each bolt/nut securely. Retighten them if they loosen after test driving.

# INSTALLATION PROCEDURES

## A. Removal of Vehicle Parts



Remove the following parts from the vehicle as specified in the left-hand illustrations:

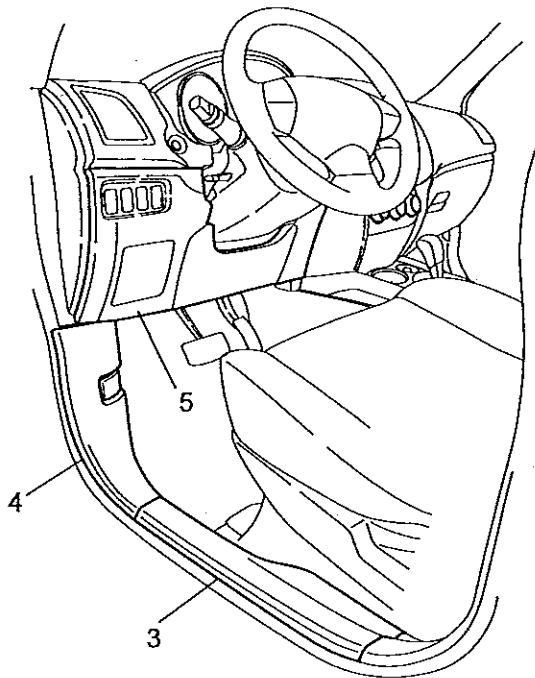
1. Head Lamp Support Upper Panel Cover
2. Front Bumper Assembly

### Note

Refer to the workshop manual for how to remove vehicle parts.

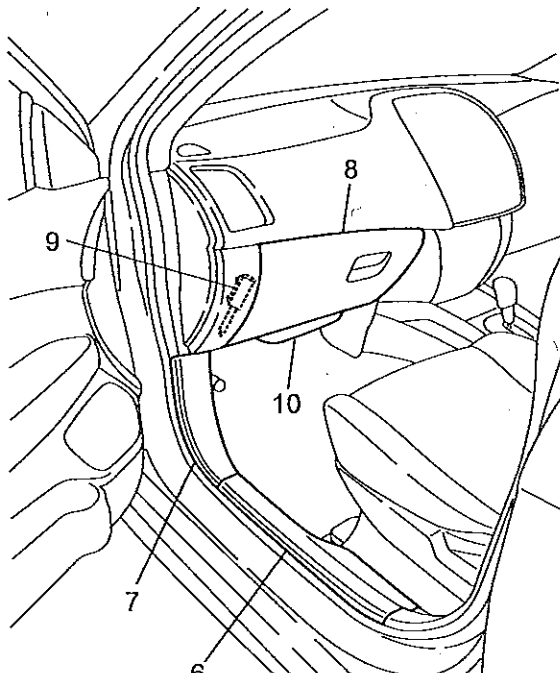
### Caution

- Install Front Corner Extension (MZ575709EX) prior to installation of LED Daytime Running Lights. For installation procedures, refer to the installation instructions included with the product.



[LHD Vehicle]

3. Front Scuff Plate (LH)
4. Cowl Side Trim (LH)
5. Instrument Panel Cover Lower Assembly

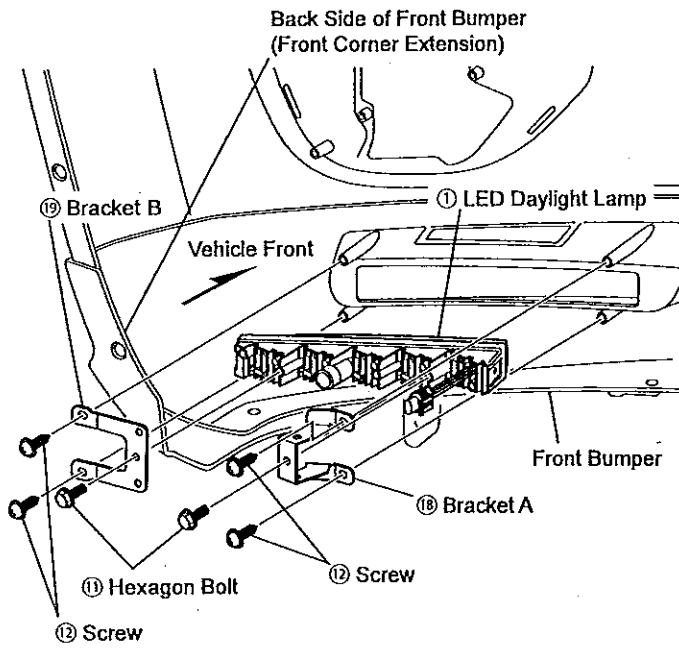


[RHD Vehicle]

6. Front Scuff Plate (LH)
7. Cowl Side Trim (LH)
8. Glove Box
9. Glove Box Damper
10. Instrument Panel Under Cover

Checked

## B. Installation of LED Daylight Lamps



※ Install the front corner extension to the front bumper prior to installation of LED daylight lamps (①).

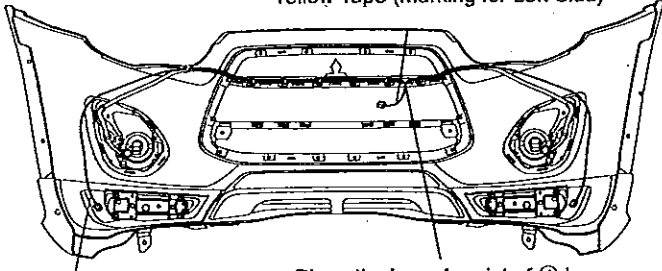
- 1) Use hexagon bolts (M6x16) (①) to fix brackets A (⑧) and B (⑨) to the LED daylight lamps (①) tentatively.
- 2) Fix the LED daylight lamps (①) to the front corner extension with 4 screws (M6) (⑫).
- 3) Fix the brackets A (⑧) and B (⑨) to the LED daylight lamps (①) by fully tightening the loosely fastened hexagon bolts (M6x16) (①).

Checked	
---------	--

## C. Wiring of Bumper Harness

### Back Side of Front Bumper

Yellow Tape (Marking for Left Side)



Yellow Tape  
(Marking for Left Side)

Place the branch point of ④ bumper harness at the midpoint of line between clips.

LH

RH

### Note

Your vehicle may be equipped with the intercooler, but the wiring procedure does not differ.

- 1) Route the bumper harness (④) behind the bumper as shown in the left-hand illustration.
  - The branch marked by yellow tape comes to the left side.

### 2) For Vehicle with Clips

Route the bumper harness (④) through seven harness clips on the bumper to fix it.

### For Vehicle without Clips

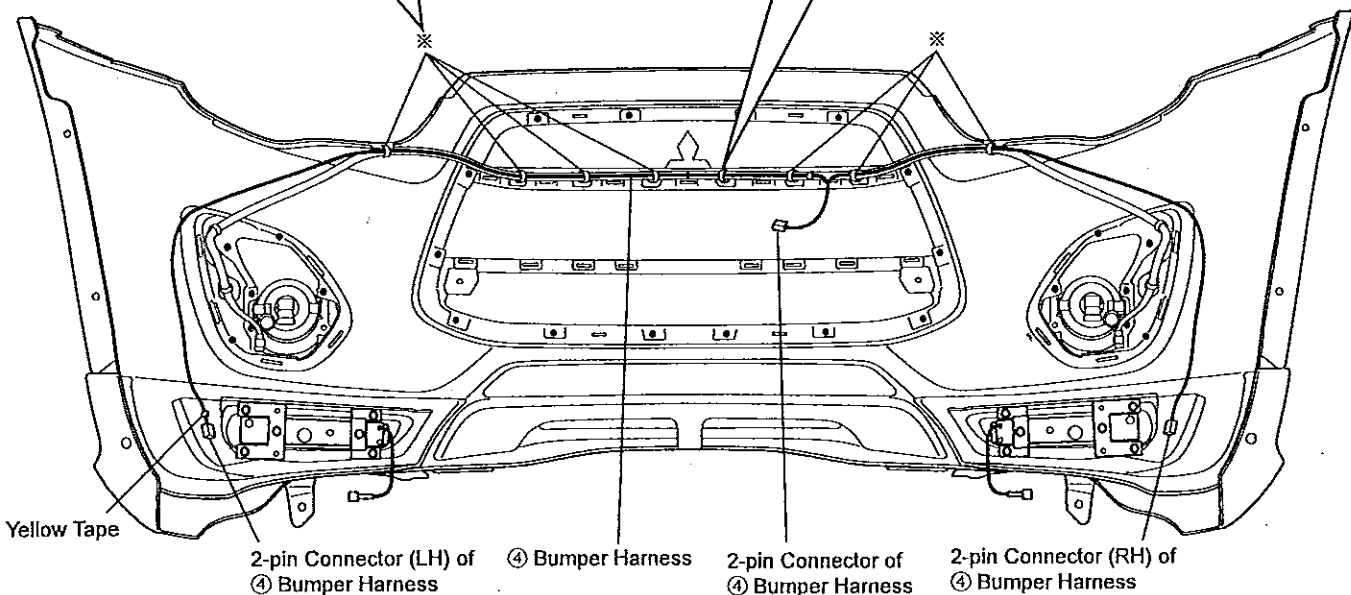
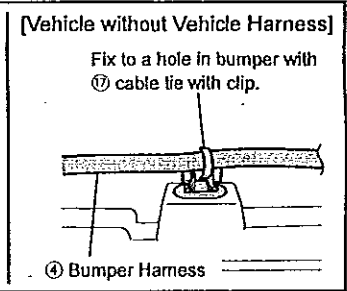
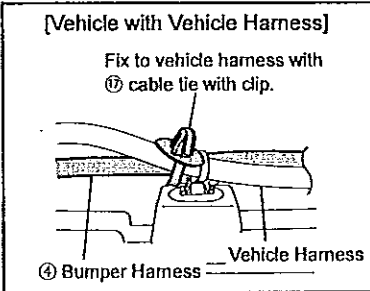
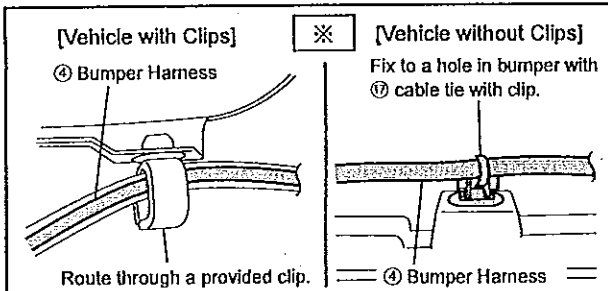
Use seven cable ties with clip (⑰) and fix the bumper harness (④) to holes in the bumper.

### 3) For Vehicle with Vehicle Harness

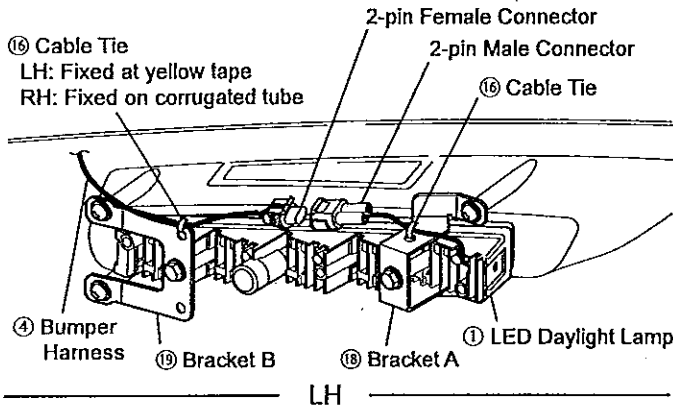
Use a cable tie with clip (⑰) and fix the bumper harness (④) near a vehicle harness clip in the bumper center area.

### For Vehicle without Vehicle Harness

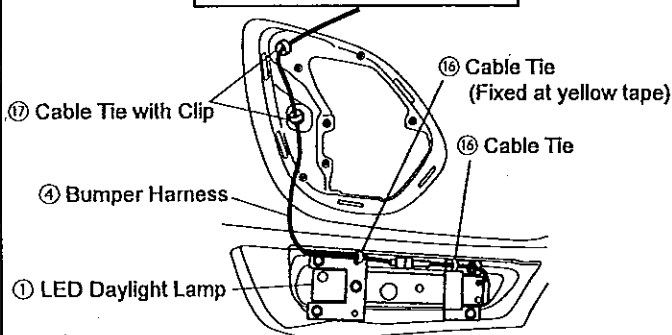
Use a cable tie with clip (⑰) and fix the bumper harness (④) to a hole in the bumper center area.



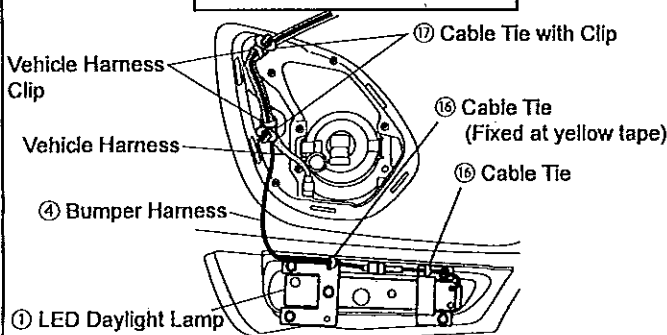
Checked



**Without Vehicle Harness**

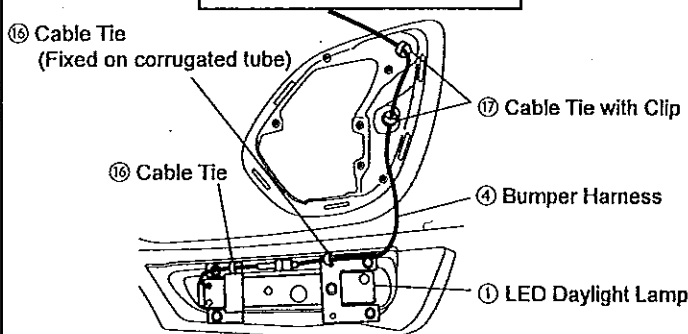


**With Vehicle Harness**

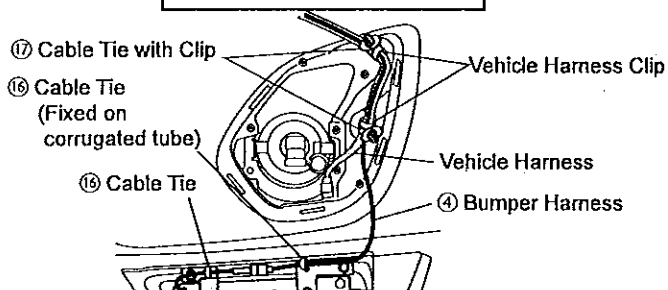


RH

**Without Vehicle Harness**



**With Vehicle Harness**



4) Connect the 2-pin female connector of the bumper harness (4) with the 2-pin male connector of the LED daylight lamp (1).

5) Using holes on the brackets A (18) and B (19), fix the harness of the LED daylight lamp (1) and the bumper harness (4) with cable ties (16).

**! Caution**

Fix the connectors at the following locations:

- Fixation of Bumper Harness (4)
  - LH: Fix to the bracket B (19) with a cable tie (16) at yellow tape.
  - RH: Fix to the bracket B (19) with a cable tie (16) on the corrugated tube.
- Fixation of harness of LED Daylight Lamp (1)
  - LH/RH: Fix to the bracket A (18) with a cable tie (16) so that the harness is not loose.

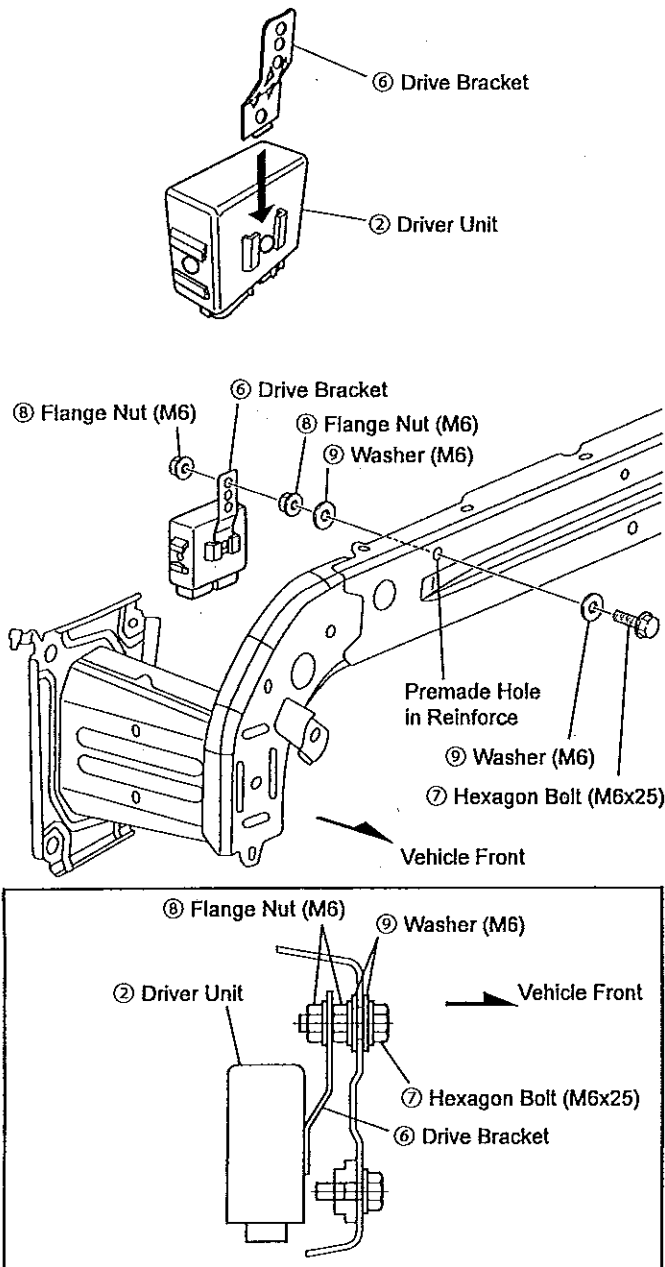
6) Fix the bumper harness (4) with cable ties with clip (17) at two locations on both left and right sides.

\* On a vehicle without vehicle harness, fix the bumper harness (4) to a slotted hole on the bumper.

\* On a vehicle with vehicle harness, fix the bumper harness (4) to the vehicle harness near harness clips.

Checked

## D. Fixation of Driver Unit



1) Attach a drive bracket (6) to the driver unit (2).

2) Insert a hexagon bolt (M6x25) (7) through a pre-made hole in the reinforce and attach washers (M6) (9) and flange nuts (M6) (8) to it as shown in the left-hand illustration.

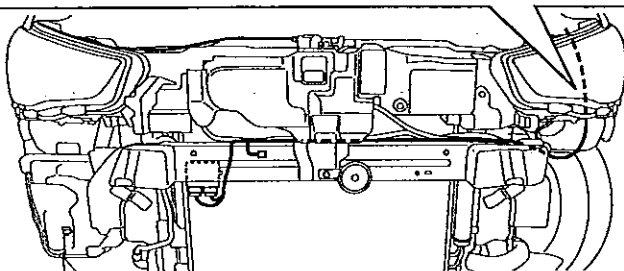
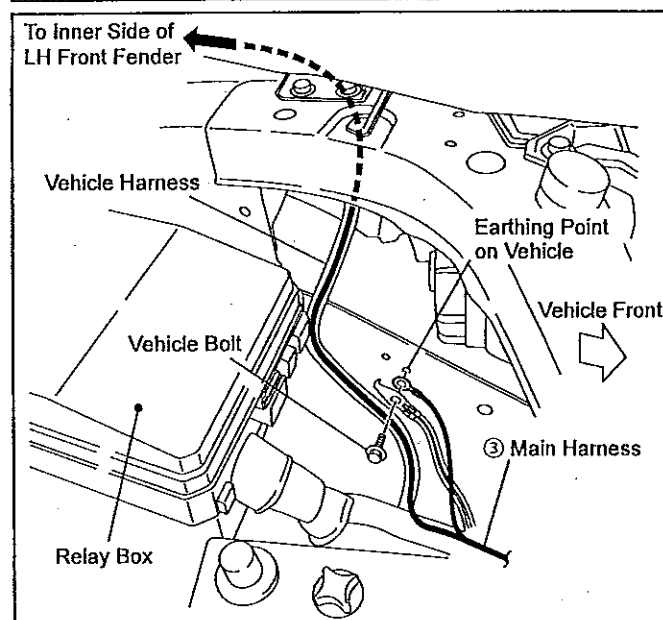
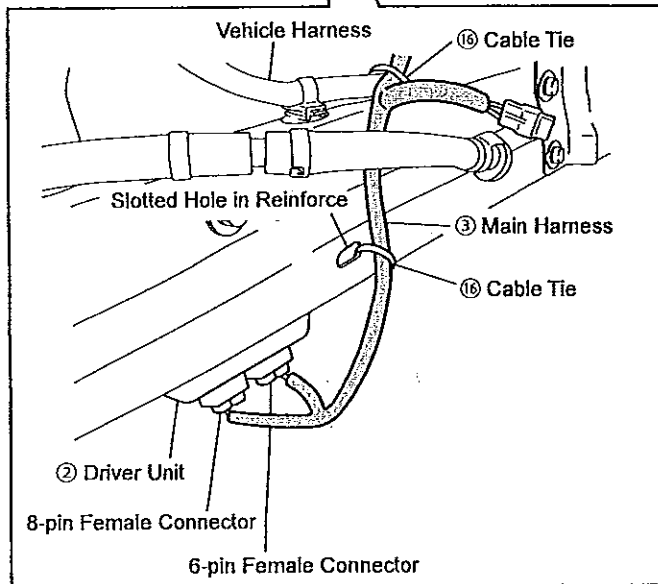
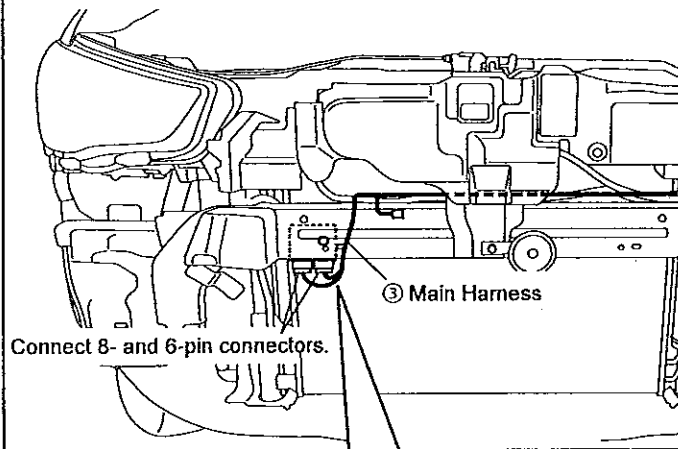
3) Insert the hexagon bolt (M6x25) (7), attached to the reinforce, through the drive bracket (6) and fix it with flange nuts (M6) (8).

### ⚠ Caution

- Install the driver unit (2) in a way that the connectors face downward.



## E. Wiring of Main Harness



1) Connect the 6- and 8-pin female connectors of the main harness (③) to the driver unit (②).

2) Use a cable tie (⑩) to fix the main harness (③) to the vehicle harness and to a slotted hole in the reinforce.

3) Route the main harness (③) along the vehicle harness up to the back side of the left-hand head lamp.

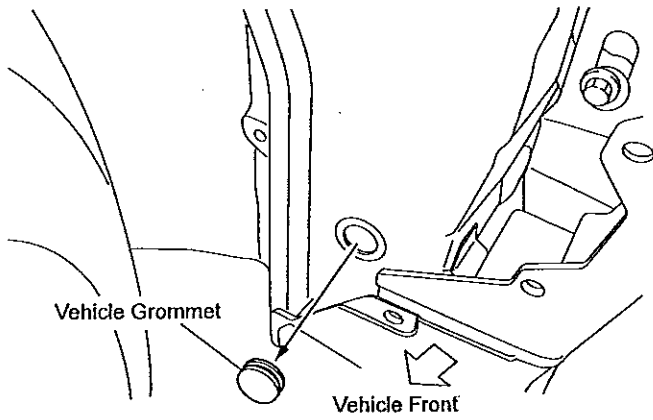
4) Fasten the eyelet terminal (black wire) of the main harness (③) jointly with the earthing point on the vehicle.

### ⚠ Caution

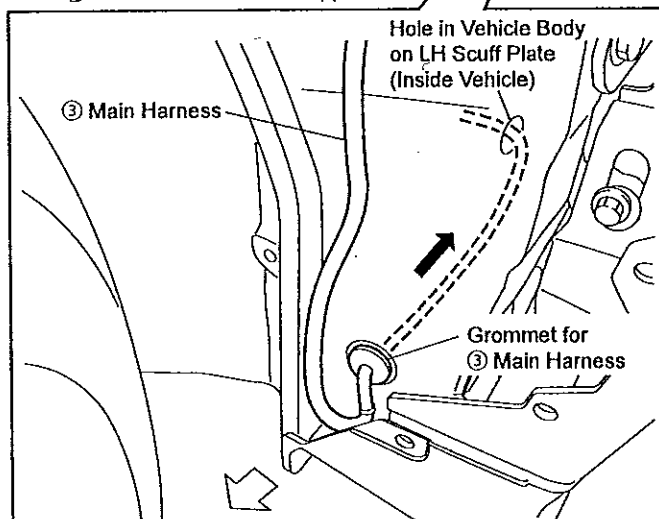
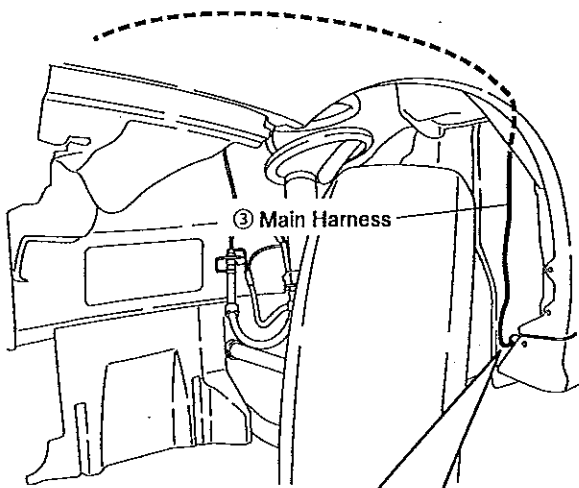
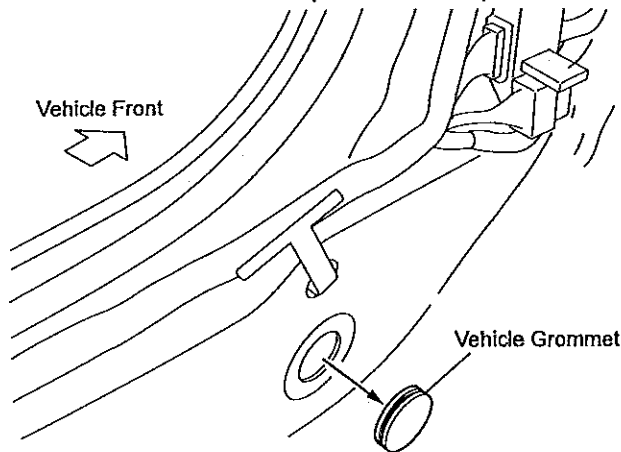
Refer to workshop manual for the tightening torque for the vehicle earthing point.

5) Route the main harness (③) along the vehicle harness up to the inner side of the left-hand front fender.

### Under Side of Left-hand Front Fender



### Left-hand Front Scuff Plate (Inside Vehicle)



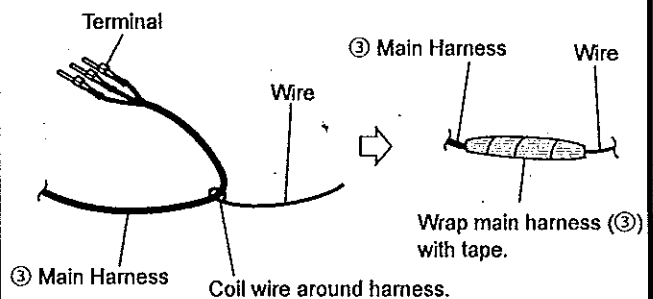
6) Remove two grommets from the following locations on the vehicle:

- Under Side of Left-hand Front Fender
- Left-hand Front Scuff Plate (Inside Vehicle)

7) Route the main harness (③) through a hole on the under side of the left-hand front fender, and pull the harness into the inside of the vehicle through a hole on the left-hand front scuff plate.

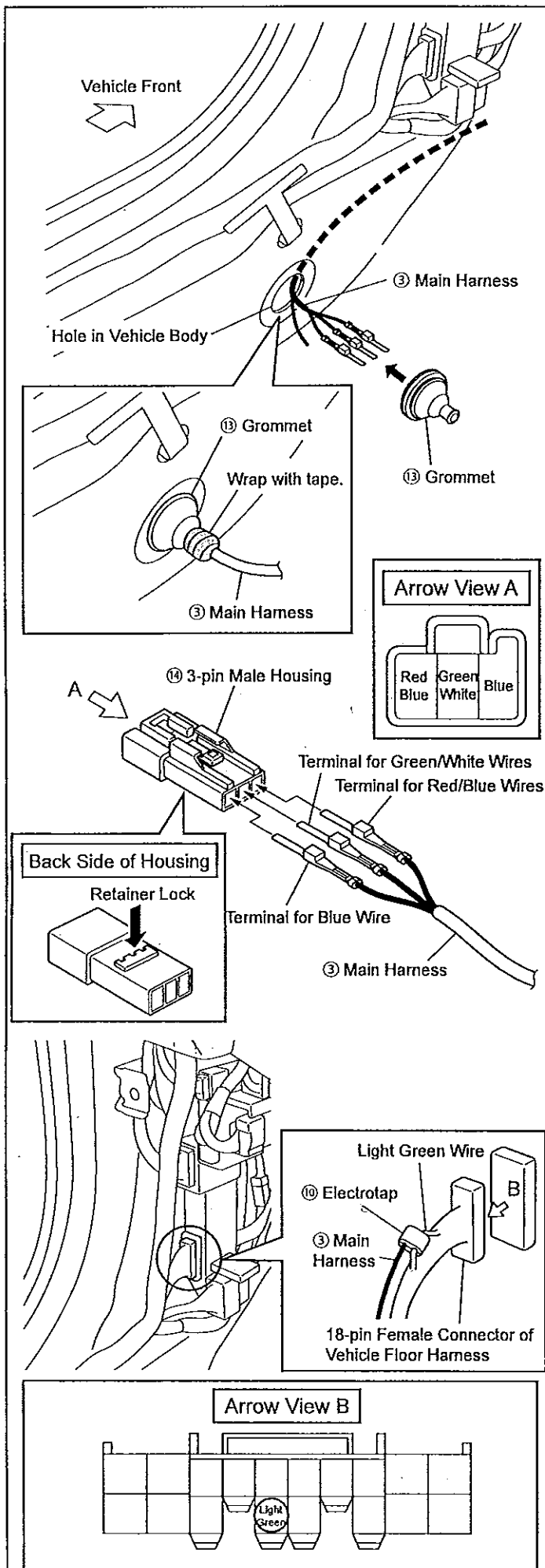
### Note

Routing of the main harness (③) with use of wire will ease the process. Refer to the following illustration.



8) Fix the grommet for the main harness (③) to the hole in the vehicle.

Checked



- 9) Insert the main harness (③) inside the vehicle through the grommet (⑬), fix the grommet to the hole in the vehicle body, and wrap it with tape.

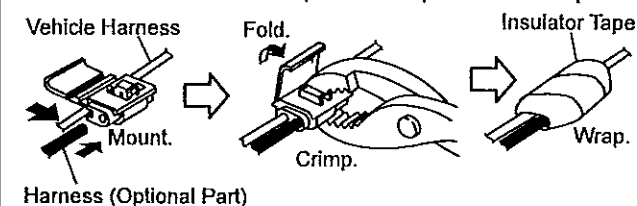
- 10) Insert three terminals of the main harness (③) into the 3-pin male housing (⑭), then lock the retainer behind the housing.

### ⚠ Caution

Make sure to insert terminals securely into the appropriate slot until the lock clicks.

- 11) Disconnect the 18-pin female connector of the vehicle floor harness on the left-hand cowl side trim.
- 12) Connect the light green wire of the main harness (③) to the light green wire of the 18-pin female connector of the vehicle floor harness via an electrotap (⑩).

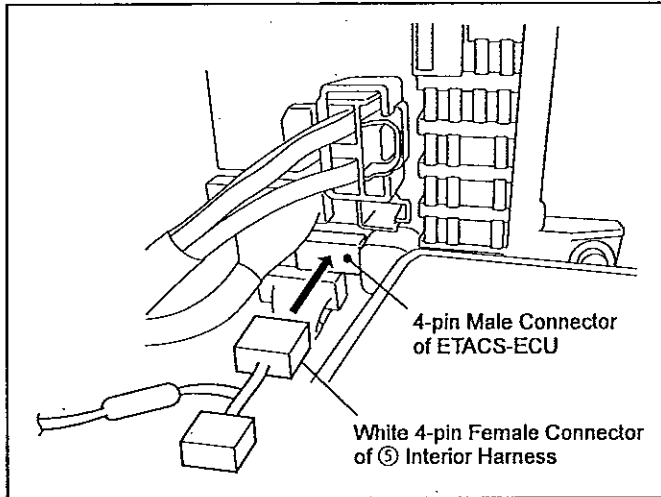
#### How to connect electrotap and wrap insulator tape



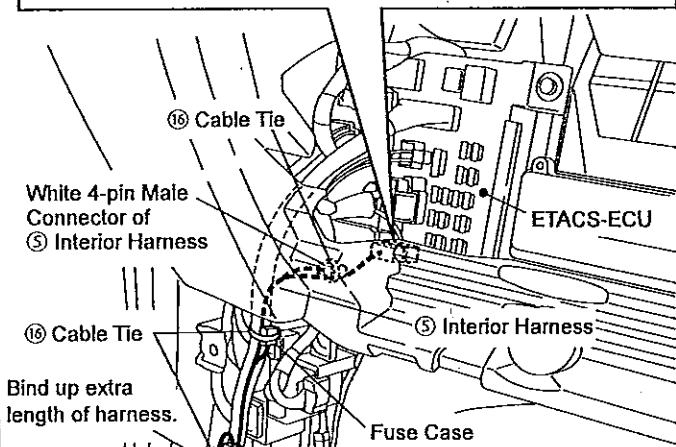
- 13) Reconnect the 18-pin female connector of the vehicle floor harness.

Checked

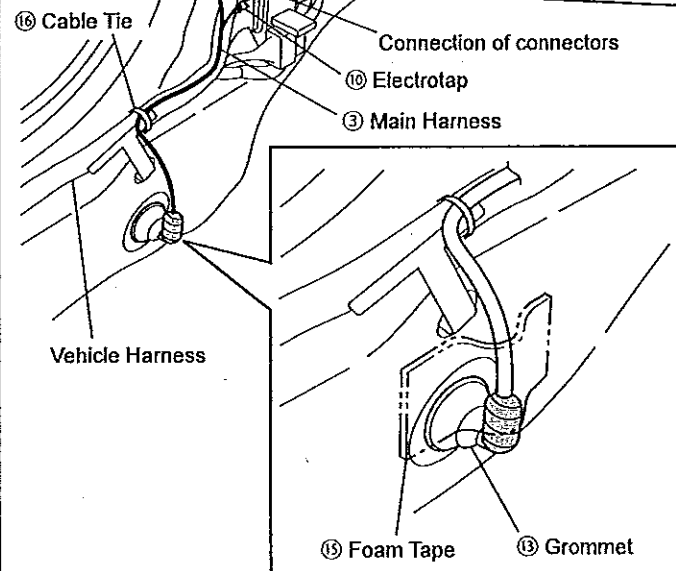
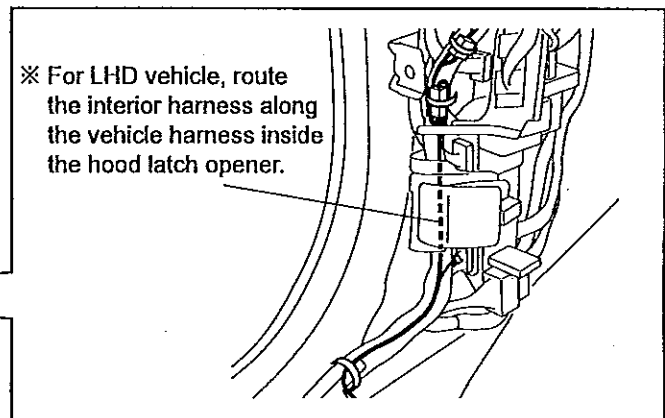
## F. Wiring of Interior Harness



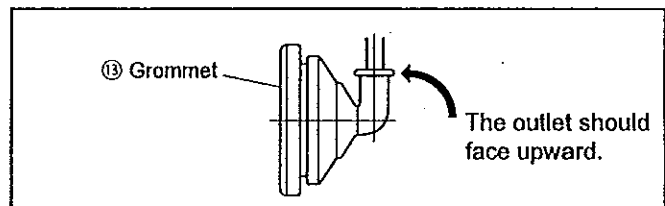
- 1) Connect the white 4-pin female connector of the interior harness (⑤) to ETACS-ECU.



- 2) Route the interior harness (⑤) along the vehicle harness and connect it to the 3-pin male housing (⑭) of the main harness (③).



- 3) Use foam tape (⑮) to fix the grommet (⑬) with its outlet facing upward.



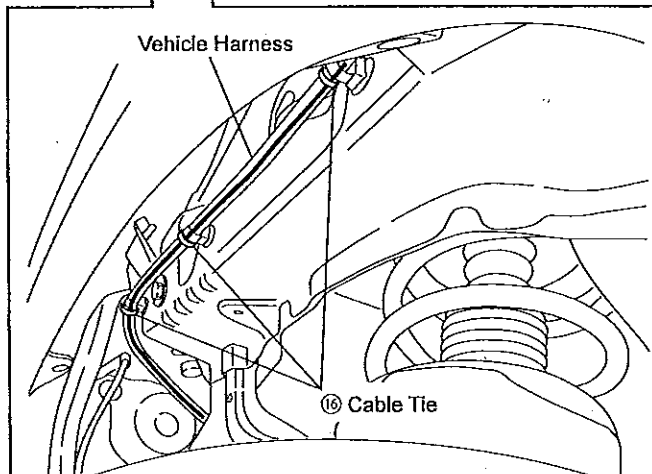
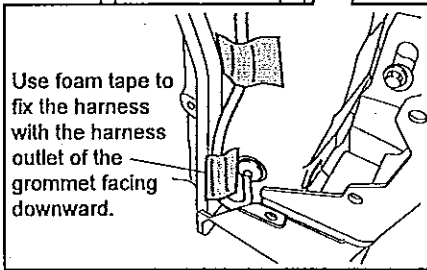
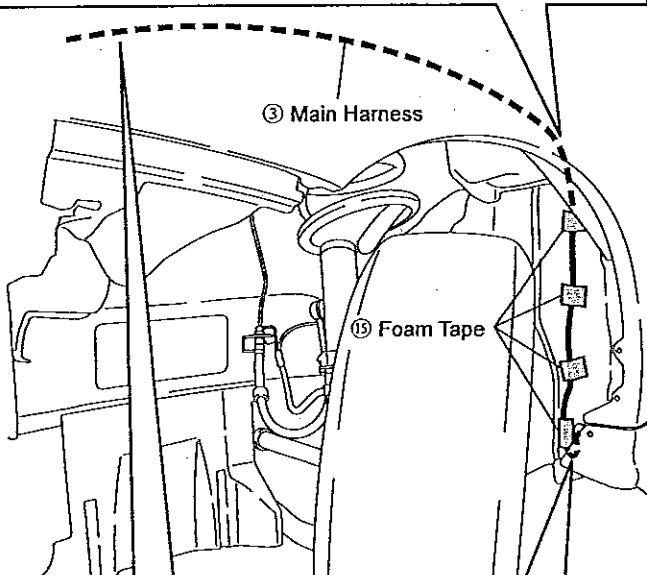
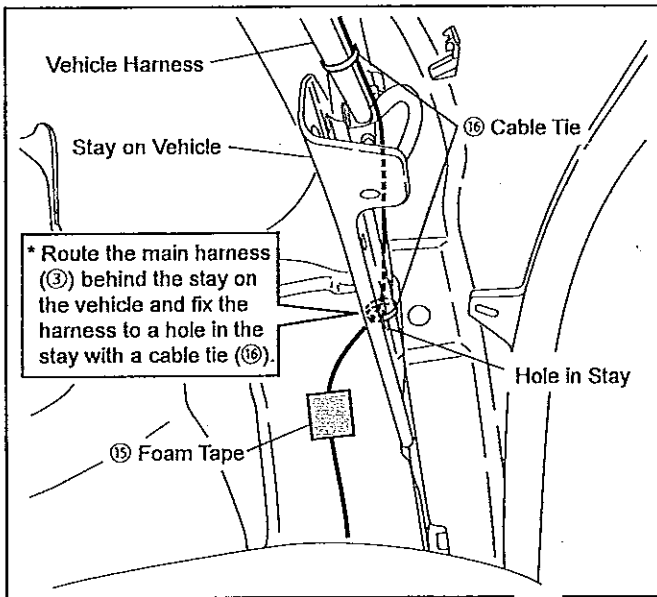
### ⚠ Caution

Apply degreasing treatment to the foam tape (⑮) application area with white gasoline or degreaser.

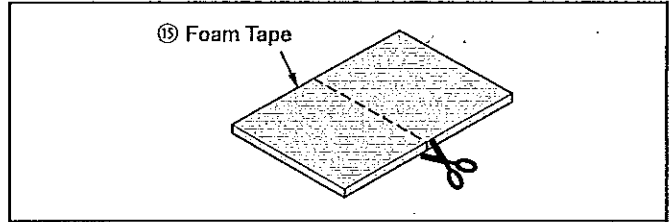
- 4) Fix the interior harness (⑤) to the vehicle harness with three cable ties (⑩).
- 5) Fix the white 4-pin male connector of the interior harness (⑤) to the interior harness (⑤) with a cable tie (⑩).

Checked

## G. Fixation of Main Harness



- 1) Cut two sheets of foam tape (⑮) into halves.



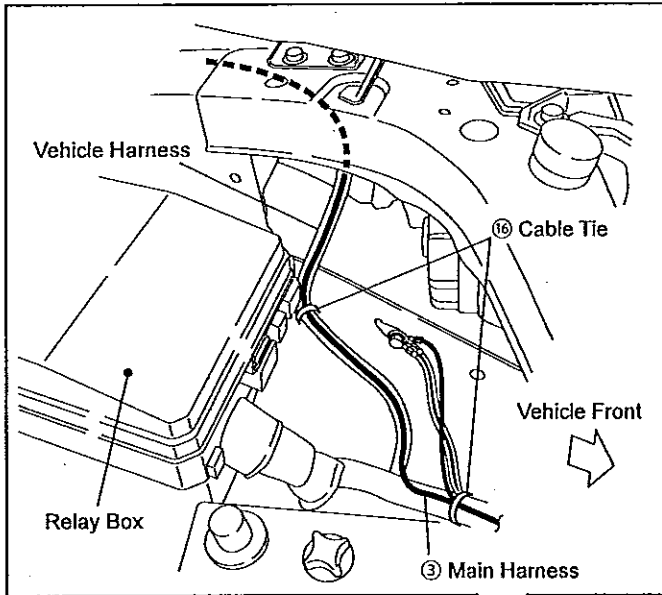
- 2) Use four sheets of half-cut foam tape (⑮) to fix the main harness (③) behind the left-hand front fender.

### ⚠ Caution

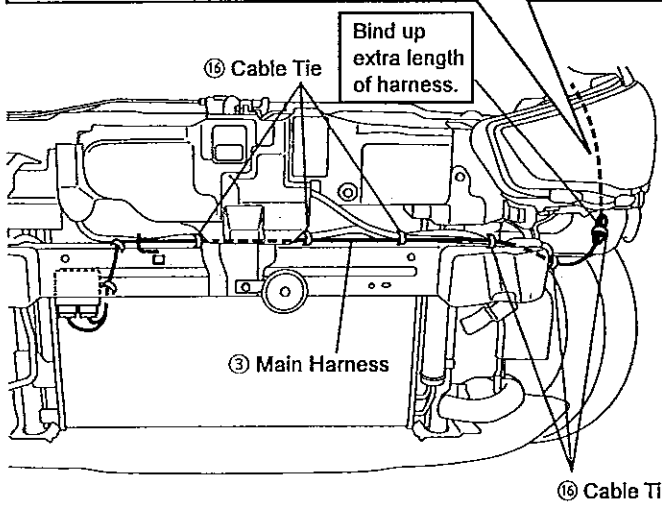
Degrease the foam tape (⑮) application area with white gasoline or degreaser.

- 3) Fix the main harness (③) behind the left-hand front fender to the stay on the vehicle and the vehicle harness with five cable ties (⑩).

Checked



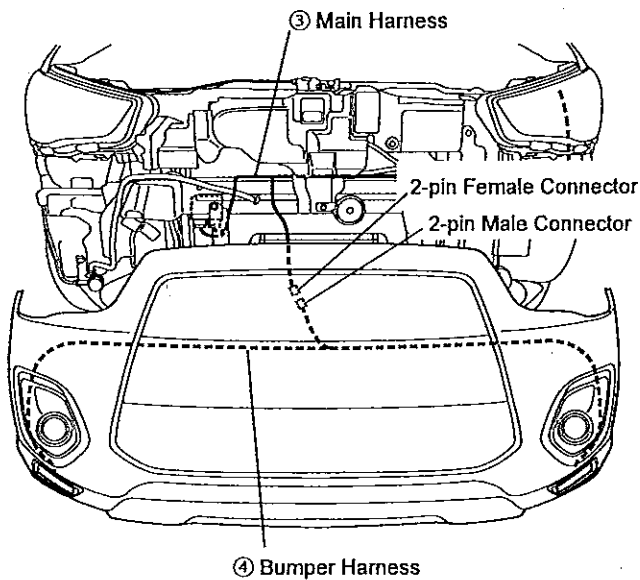
- 4) Fix the main harness (3) behind the left-hand head lamp to the vehicle harness with two cable ties (16).



- 5) Fix the main harness (3) to the vehicle harness with six cable ties (16).

Checked	
---------	--

### H. Connection of Main Harness and Bumper Harness



- 1) Restore the front bumper tentatively.
- 2) Connect the 2-pin female connector of the main harness (3) to the 2-pin male connector of the bumper harness (4).

Checked	
---------	--

### I. Operation Confirmation

- 1) Make sure that all the harness connectors are connected securely.
- 2) Connect the negative terminal cable to the battery.
- 3) Turn the ignition switch to the ON position and start the engine.
- 4) Confirm that the daytime running lights turn on.
- 5) Confirm that the daytime running lights go off when the position lamps and the head lamps are turned on.
- 6) Confirm that the daytime running lights go off when the parking brake is applied.

Checked	
---------	--

### J. Reinstallation of Vehicle Parts

- 1) Restore all the removed vehicle parts properly after operation confirmation.
- 2) Reprogram memories of such devices as the clock and the audio.

#### Note

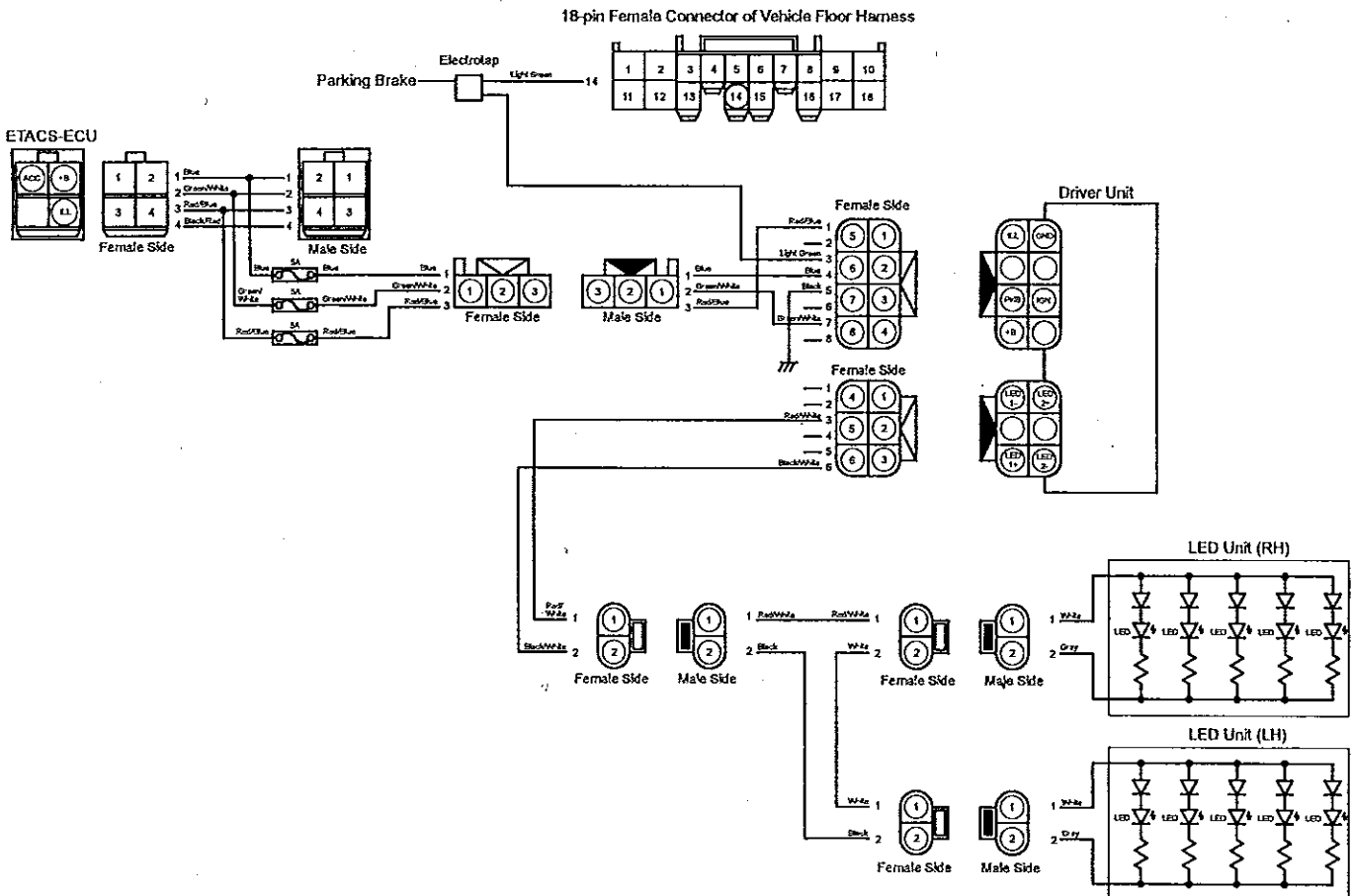
- Refer to the workshop manual for how to restore vehicle parts.

#### Caution

- Be careful not to let vehicle harnesses be pinched between parts or damage vehicle parts during parts reinstallation.

Checked	
---------	--

### Connecting Diagram



Checked	
---------	--

Dear Customers

**Daytime Running Lights**  
**MZ583015EX**  
**ASX / OUTLANDER SPORT**

**Handling Instructions**

Thank you for purchasing the Mitsubishi genuine Daytime Running Lights. To always make the best use of the product, read this publication thoroughly and use the product properly with good knowledge of it. Keep this publication at hand for future reference.

**Attention**

1. This publication gives precautionary instructions with the following symbols for safe use of the product.



**Caution**  
This symbol indicates a particularly important safety instruction. Read and follow it carefully for your safety. Failure to follow it can result in bodily injuries or accidents.



**Note**  
This symbol indicates an advisory instruction that facilitates installation work.

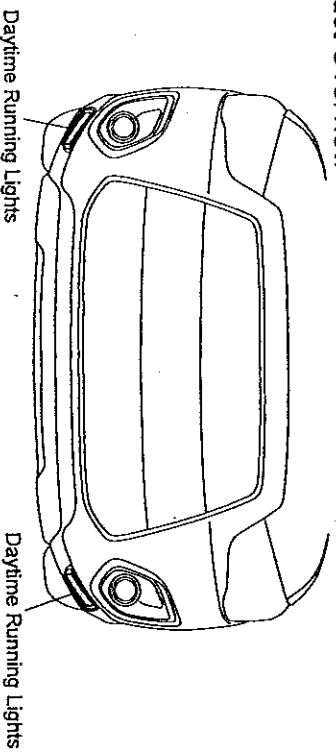
2. If there is anything unclear about handling and/or usage of the product, contact your Mitsubishi Motors dealer for clarification.



**Caution**

- Do NOT attempt to install this product when it is altered.
- Mitsubishi Motors Corporation does not assume responsibility for any defects or difficulties caused by or resulting from failure to follow given instructions.

**Product Overview**



 **MITSUBISHI MOTORS**

**1. Product Outline**

- No switch operation is necessary to turn on/off this product.

**2. Lighting/Extinction Mode**

- Daytime Running Lights turn on when the ignition key is turned to the ACC or ON position.
- Daytime Running Lights go off when the position lamps and the head lamps are turned on.
- Daytime Running Lights go off when the parking brake is applied.

**3. Compliance with Regulations**

Daytime Running Lights comply with the following regulations:

- USA: FMVSS 108
- Australia: ADR76 (ECE R87)