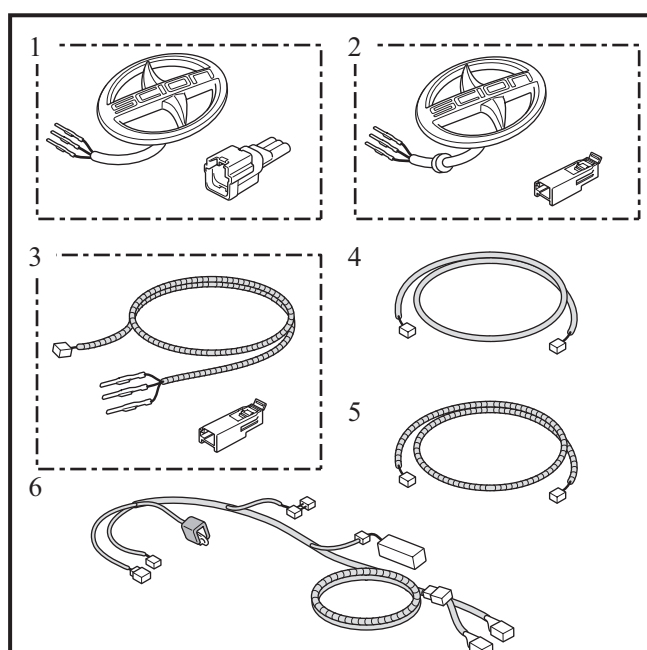


Preparation

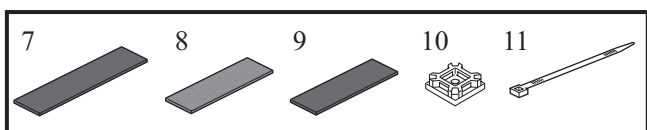
Contents

Item#	Description	Part Number	Q'ty
1	ILLUMINATION EMBLEM, FR BROWN CONNECTOR (3P)	PZ367-18103	1
			1
2	ILLUMINATION EMBLEM, RR WHITE CONNECTOR (3P)	PZ367-18104	1
			1
3	WIRE ASSY, BACK DOOR WHITE CONNECTOR (3P)	PZ367-18308	1
			1
4	WIRE ASSY, FLOOR	PZ367-18307	
5	WIRE ASSY, ENGINE ROOM	PZ367-18305	1
6	WIRE ASSY, INSTRUMENT PANEL	PZ367-18306	1



NOTE: The following basic components are not included in the supplied kit. Have these items prepared in order to complete the installation.

Item#	Description	Q'ty
7	TAPE, WIRING HARNESS (50×100mm) <Waterproof>	1
8	PACKING (80×50mm)	4
9	SHEET WIRING HARNESS PROTECTOR (80×50mm)	1
10	CLAMP	3
11	BAND (150mm)	39



Recommended Tools

Personal & Vehicle Protection	Notes
Vehicle protection	Blankets, Masking tape, Protective sheet, Packing tape, Vinyl tape, Magnet pickup tool, Vacuum cleaner, Butyl tape
Installation Tools	Notes
Plastic removal tool	
Wrench	Open end, 10mm
Socket	10mm
Ratchet	
Extension	
Torque wrench	
Pliers	
Scissors	
Nipper	
Push tack	
Center punch	
Files	
Electric drill	
Electric drill bit	φ3mm
Hole saw	φ10mm, φ12mm, φ13mm
Special Chemicals	Notes
Soapy Water	
White Gasoline	
Rust preventive agent	

Legend



STOP: Damage to the vehicle may occur. Do not proceed to the next step until this step is completed.



OPERATOR SAFETY: Use caution to avoid risk of injury.



CAUTION: Damage to the accessory or vehicle may occur. Carefully read the instruction to prevent damage and to ensure a quality installation.



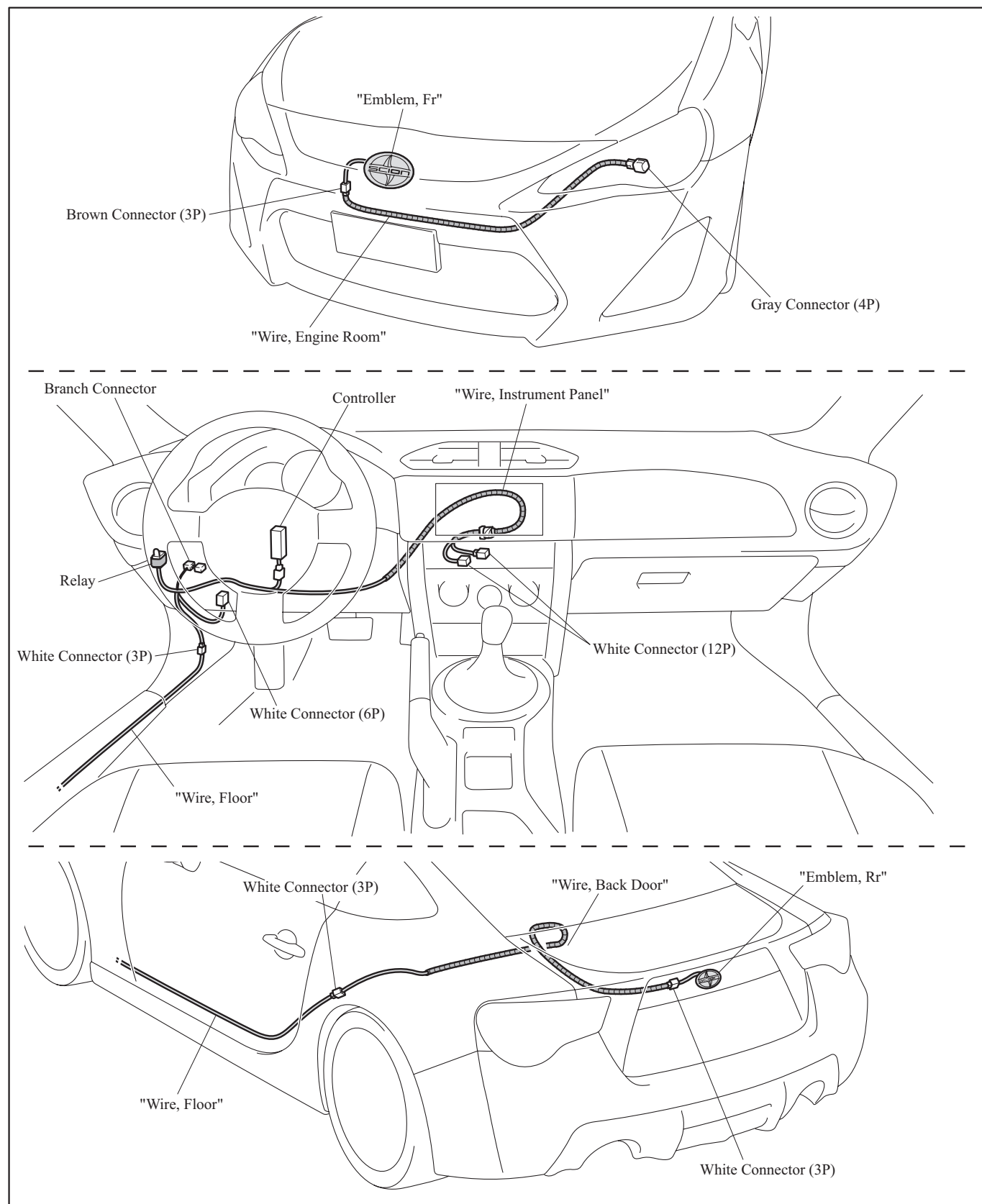
TOOLS & EQUIPMENT: Used in procedures to call out specific tools and equipment, recommended for this step.



REVISION MARK: Highlights a change in installation procedures with respect to previous revision.

Procedure

Installation Overview



JT-AC-001

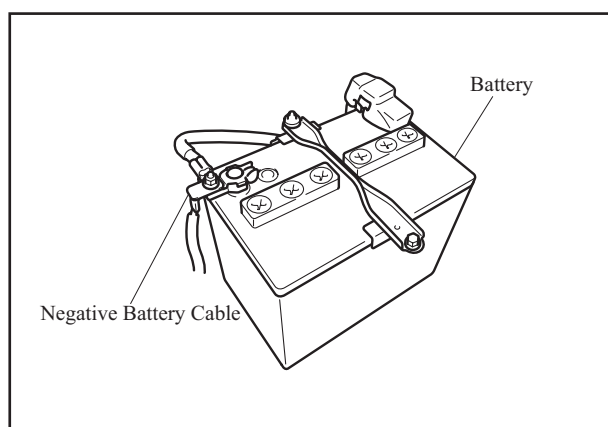
Procedure

Care must be taken when installing this accessory to prevent damage to the vehicle. Follow the instructions in this manual to ensure a quality installation.

This document covers such items as:

- Vehicle Protection (use of protective sheets, blankets, etc.).
- Safety (eye protection, torque confirmation, etc.).
- Vehicle Disassembly/Reassembly (panel removal, part storage, etc.).
- Electrical Component Disassembly/Reassembly (battery disconnection, connector removal, etc.).

Please see your Toyota dealer for a copy of this document.



1. Protect Vehicle

(a) Disconnect the negative battery cable.



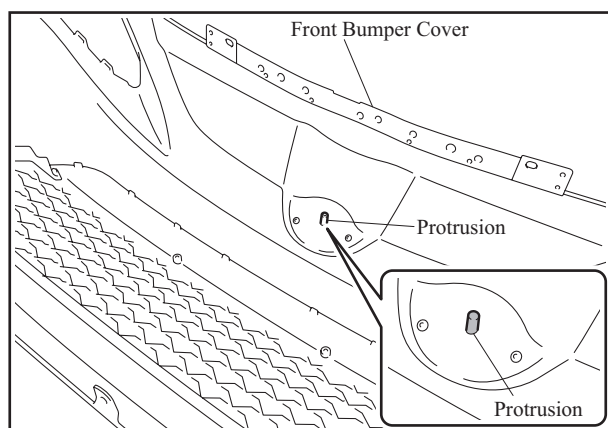
(1) Protect the fender before disconnection.



(2) Do not touch the positive terminal with any tools when disconnecting the cable.



10mm socket wrench

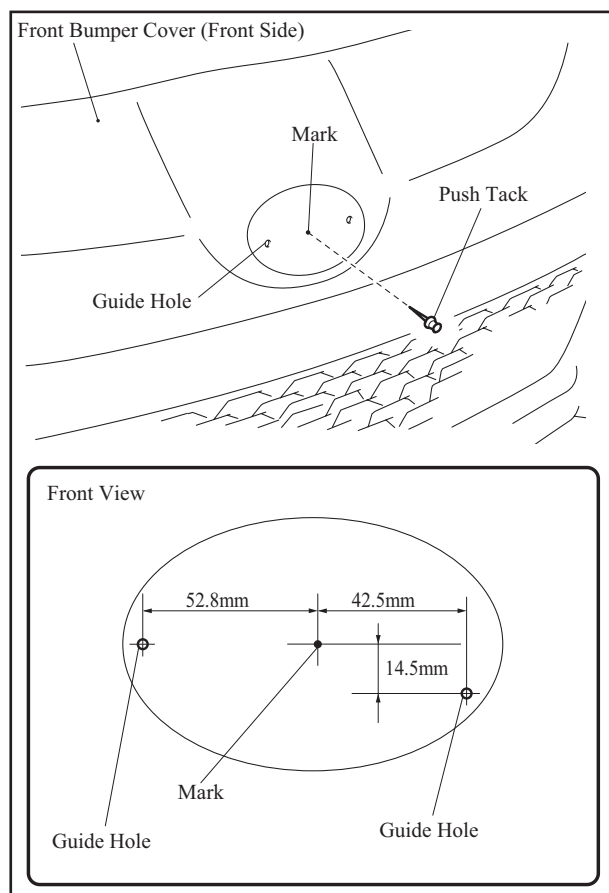


2. Install "Emblem, Fr"

(a) Drill a hole in the front bumper cover.

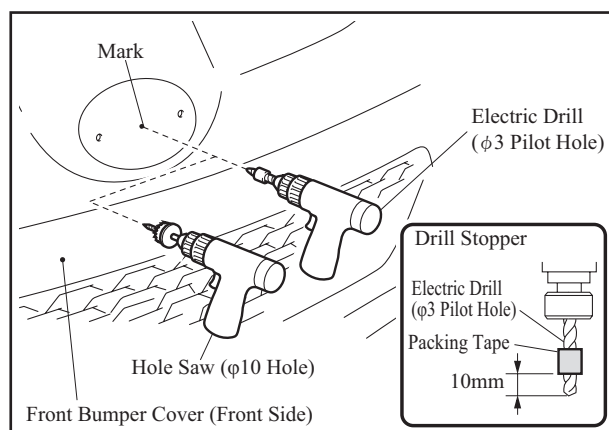
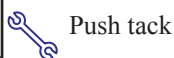
(1) Cut away the protrusion from the front bumper cover.

Procedure



JT-AC-A01

- (2) According to the dimensions shown in the illustration, apply a mark using a push tack.



JT-AC-A02

- (3) Wrap packing tape around a $\phi 3$ drill bit to act as a stopper.
- (4) Drill a $\phi 3$ pilot hole in the marked portion.
- (5) Drill a $\phi 10$ hole in the pilot hole.

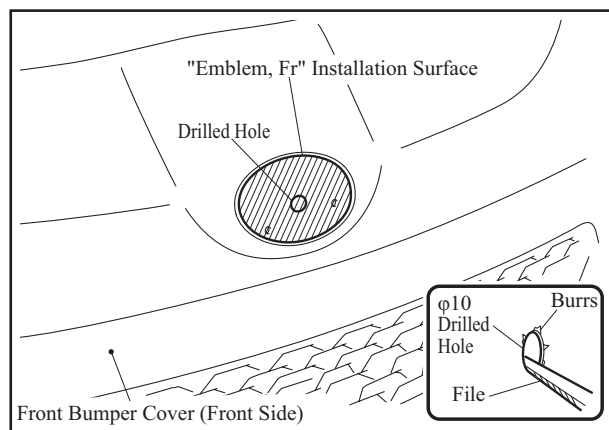


Wear protective glasses when using an electric drill or hole saw.



Hold the electric drill and hole saw perpendicular to the drilling surface.

Electric drill ($\phi 3$ mm), Hole saw ($\phi 10$ mm)



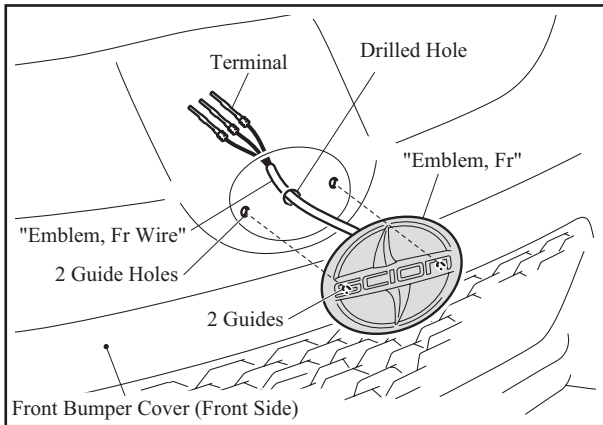
JT-AC-A15

(b) Install the "Emblem, Fr".

- (1) Remove any burrs from the drilled hole.
- (2) Wipe off any foreign material from the "Emblem, Fr" installation surface shown in the illustration.



Procedure



JT-AC-A03

- (2) Remove release paper from the "Emblem, Fr".
- (3) Pass the "Emblem, Fr Wire" of the "Emblem, Fr" through the drilled hole on the front bumper cover.
- (4) Using the front bumper cover guide holes, attach the "Emblem, Fr" onto the front bumper cover.



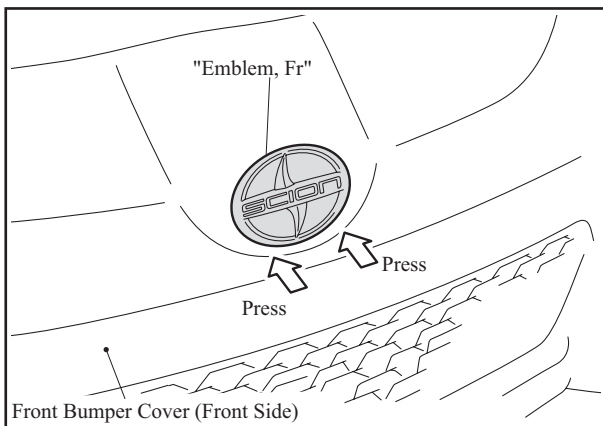
Do not deform the terminals when routing the "Emblem, Fr Wire".



When installing the "Emblem, Fr", pay careful attention to prevent the Wire from being caught.

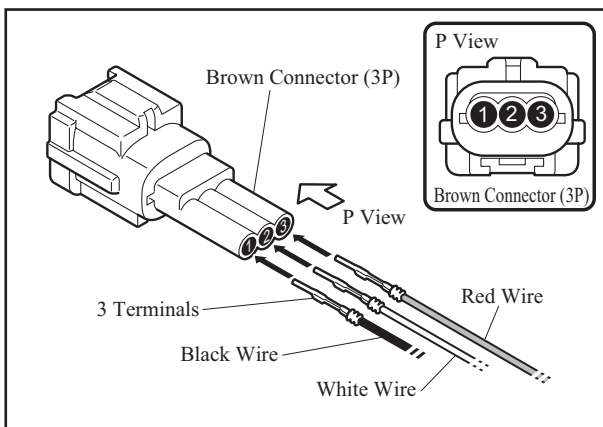


When the temperature is 15°C or below, using a dryer, warm up the double adhesive tape and installation surface to about human body temperature before attaching the product.



JT-AC-A16

- (5) Press the entire double adhesive tape with a force of 49N (5kgf) or more to attach it securely.

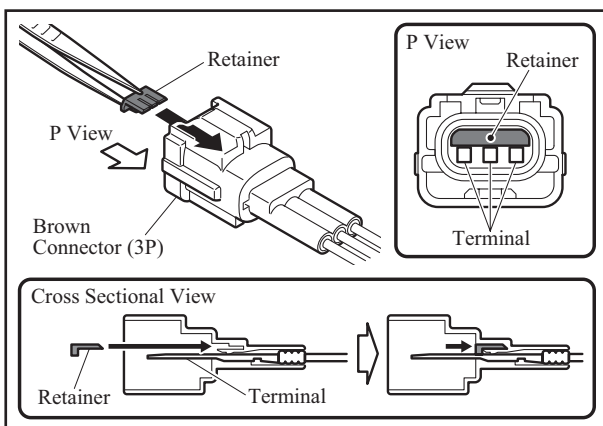


J-AE-A05

- (6) Insert the terminal of the "Emblem, Fr Wire" Black wire to terminal No. 1 of the Brown Connector (3P).
- (7) Insert the terminal of the "Emblem, Fr Wire" White wire to terminal No. 2 of the Brown Connector (3P).
- (8) Insert the terminal of the "Emblem, Fr Wire" Red wire to terminal No. 3 of the Brown Connector (3P).



To avoid errors, insert each terminal until an engagement sound is heard and then pull the wire lightly to confirm that the terminal is securely inserted.



J-AE-A06

- (9) Insert the retainer provided with the Brown Connector (3P) in the proper direction until it comes in contact with the end as shown in the illustration.



Check the direction of the retainer to properly insert it.

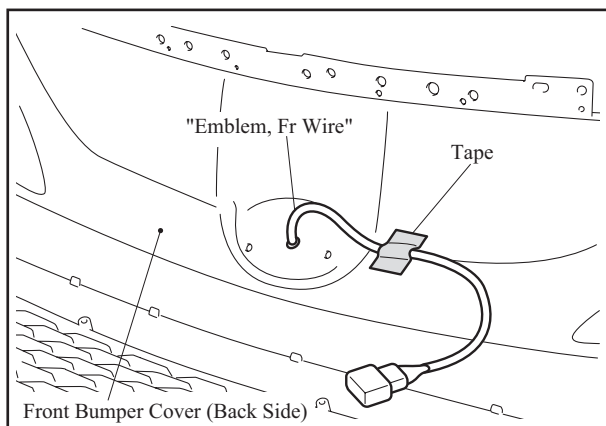


Securely insert the retainer to the end to avoid errors.



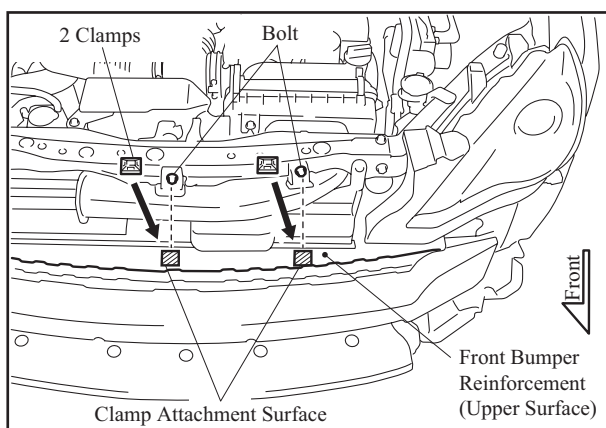
Tweezers

Procedure



JT-AC-A17

(10) Bundle the excess "Emblem, Fr Wire" and fix it with a piece of tape.

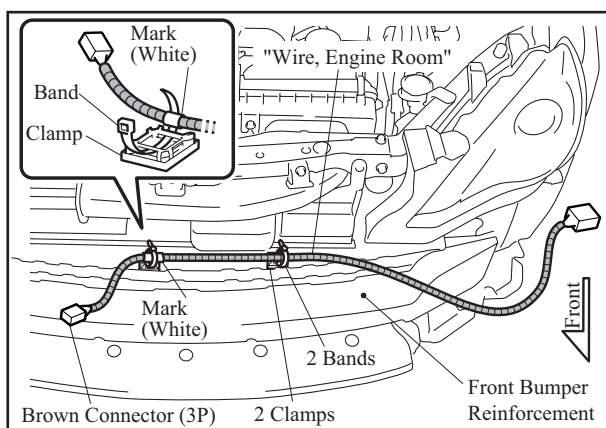


JT-AC-A10

3. Route "Wire, Engine Room"

(a) Install the Clamps.

- (1) Wipe off any foreign material from the 2 Clamp attachment surfaces shown in the illustration.
- (2) Align the 2 Clamps with the bolts and attach them onto the bumper reinforcement.

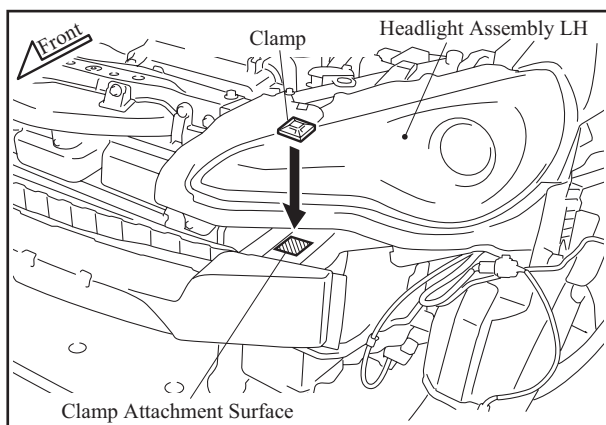


JT-AC-A11

(b) Fasten the "Wire, Engine Room".

- (1) Align the mark (white) of the "Wire, Engine Room" with the Clamp and fix them with a Band.
- (2) Route the "Wire, Engine Room" and fix it onto the Clamp with the Band.

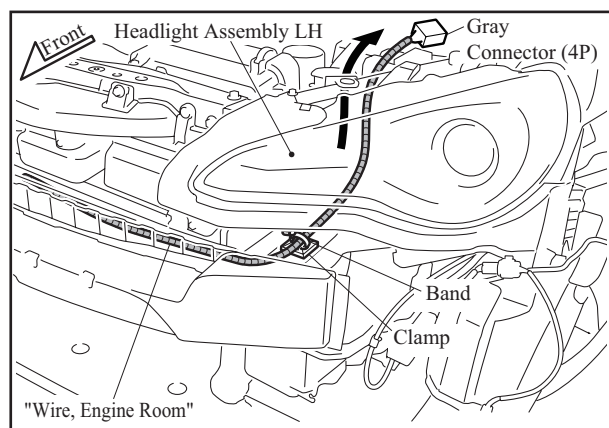
 Nipper



JT-AC-A12

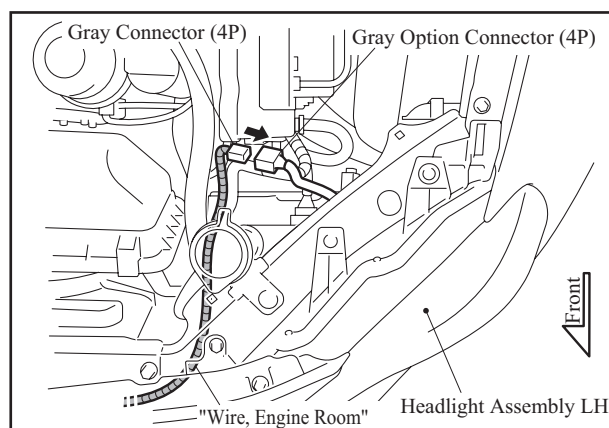
- (3) Wipe off any foreign material from the Clamp attachment surfaces shown in the illustration.
- (4) Attach the Clamp onto the front bumper reinforcement as shown in the illustration.

Procedure



JT-AC-A13

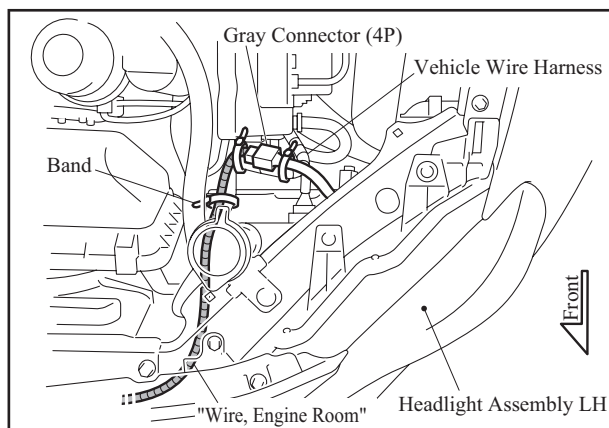
- (5) Route the "Wire, Engine Room" Gray Connector (4P) in the direction indicated by the arrow mark in the illustration, and fix it onto the Clamp with the Band.



JT-AC-A14

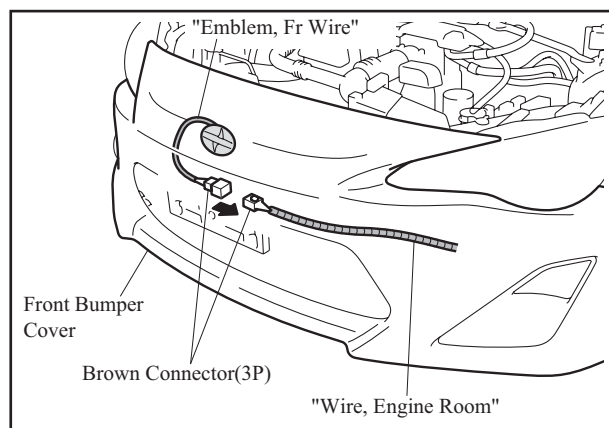
(c) Connect the gray option connector (4P).

- (1) Connect the Gray Connector (4P) of the "Wire, Engine Room" to the gray option connector (4P).



JT-AC-A14

- (2) Route the "Wire, Engine Room" and fix it to the vehicle wire harness with 3 Bands.



JT-AC-A18

(d) Connect the "Emblem, Fr".

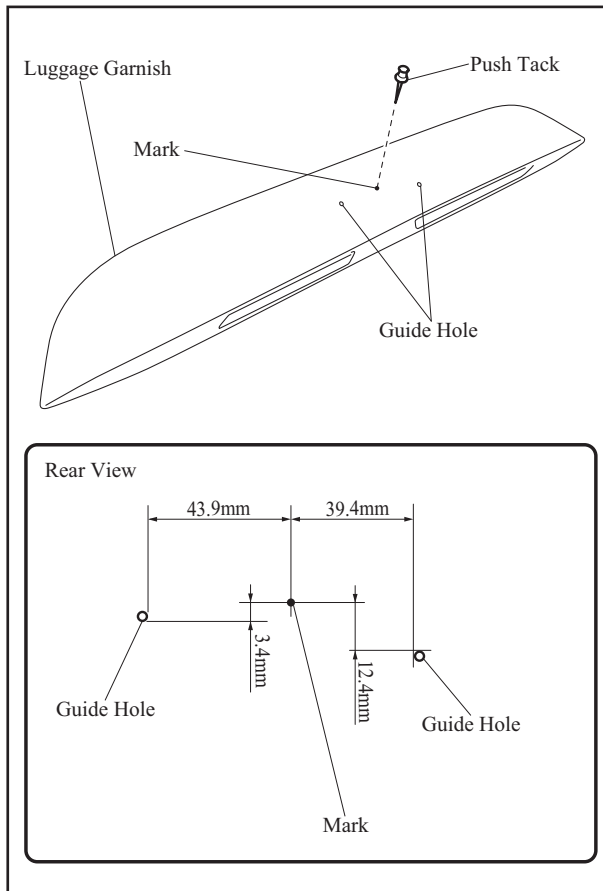
- (1) Place the front bumper cover to the installation position, and then connect the Brown Connector (3P).
 (2) Temporarily install the front bumper cover.

Procedure

4. Install "Emblem, Rr"

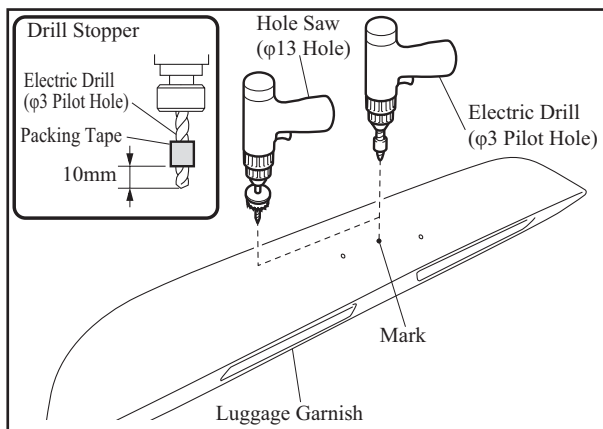
(a) Drill a hole in the luggage garnish.

- (1) According to the dimensions shown in the illustration, apply a mark using a push tack.



JT-AC-B01

Push tack



JT-AC-B02

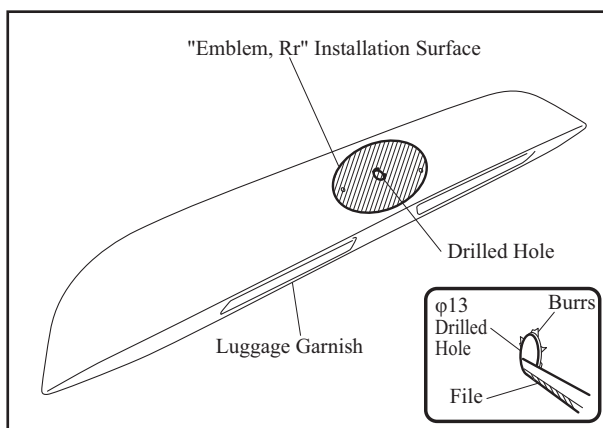
- (2) Wrap packing tape around a $\phi 3$ drill bit to act as a stopper.
- (3) Drill a $\phi 3$ pilot hole in the marked portion.
- (4) Drill a $\phi 13$ hole in the pilot hole.



Wear protective glasses when using the electric drill or hole saw.



Hold an electric drill and hole saw perpendicular to the drilling surface.

 Electric drill ($\phi 3$ mm), Hole saw ($\phi 13$ mm)


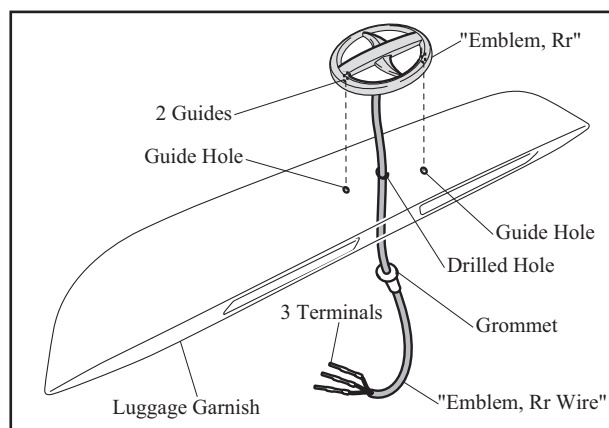
JT-AC-B03

(b) Install the "Emblem, Rr".

- (1) Remove any burrs from the drilled hole.
- (2) Wipe off any foreign material from the "Emblem, Rr" installation surface shown in the illustration.

Files

Procedure



JT-AC-B04

- (2) Remove release paper from the "Emblem, Rr".
- (3) Pass the "Emblem, Rr Wire" and the grommet through the drilled hole.
- (4) Using the guide holes, attach the "Emblem, Rr" onto the luggage garnish.



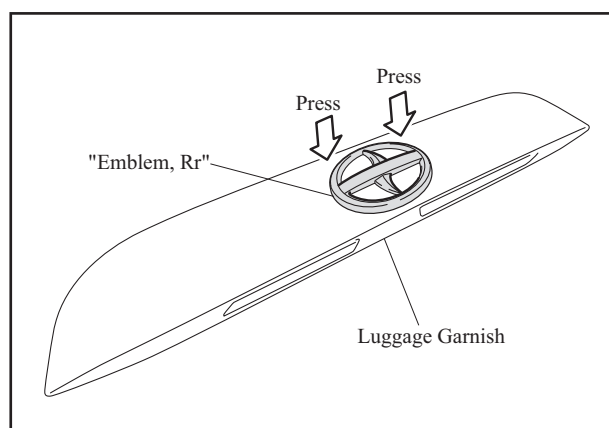
Do not deform the terminals when routing the "Emblem, Rr Wire".



When installing the "Emblem, Rr", pay careful attention to prevent the Wire from being caught.

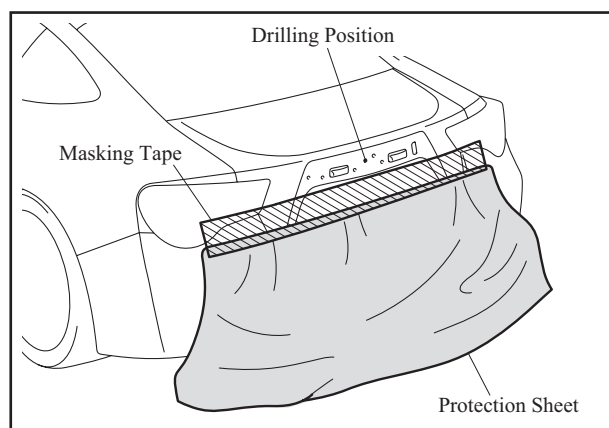


When the temperature is 15°C or below, using a dryer, warm up the double adhesive tape and installation surface to about human body temperature before attaching the product.



JT-AC-B04

- (5) Press the entire double adhesive tape with a force of 49N (5kgf) or more to attach it securely.



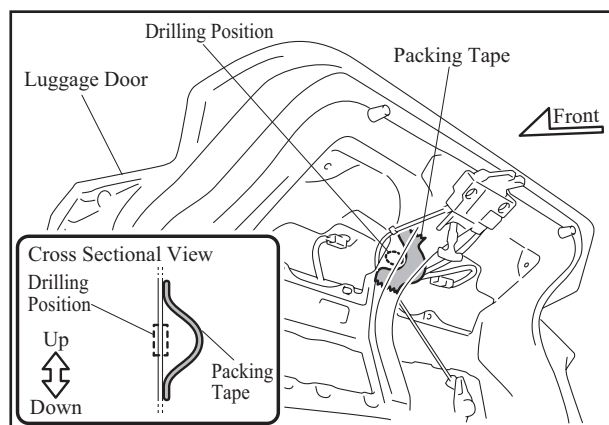
JT-AC-B11

(c)Prepare for drilling a hole in the luggage door.

- (1) In order to prevent chips from scattering when drilling hole, attach a protection sheet onto the luggage door from the front side with masking tape.



Protection sheet, Masking tape



JT-AC-B06

- (2) Open the luggage door.
- (3) Apply packing tape to the back side of the luggage door as shown in the illustration to prevent chips from scattering when drilling holes.

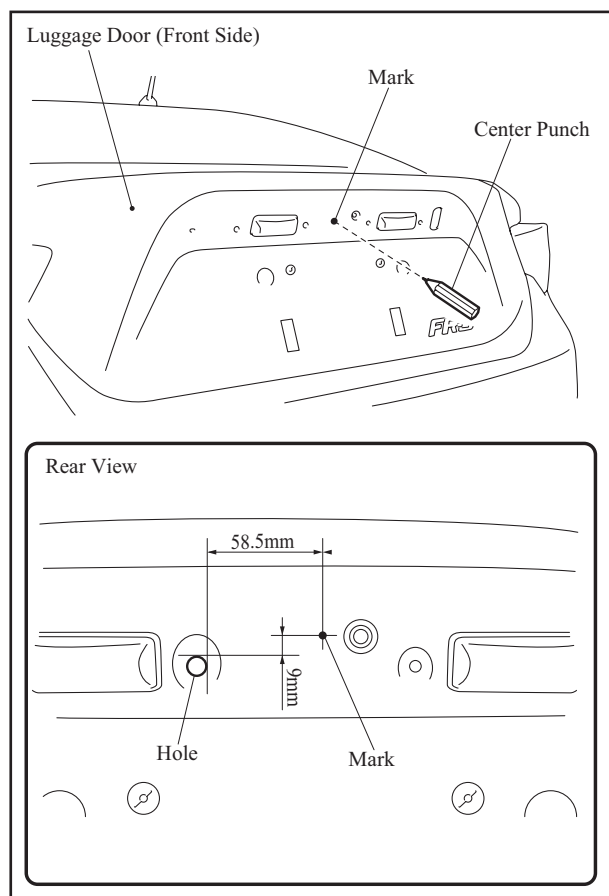


Apply packing tape so that it can receive the chips scattered when drilling holes.



Packing tape

Procedure

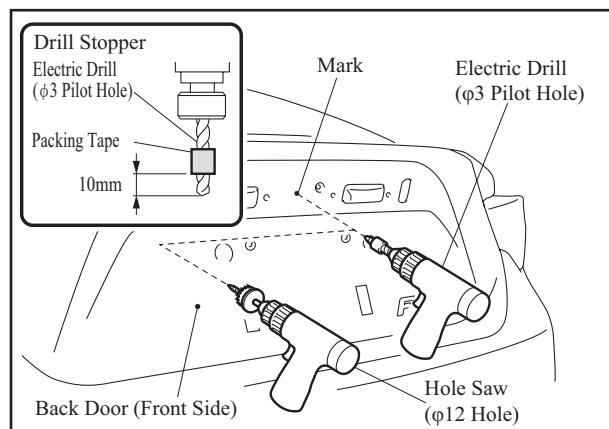


JT-AC-B10

(d) Drill a hole in the luggage door.

- (1) According to the dimensions shown in the illustration, apply a mark using a center punch.

Center punch

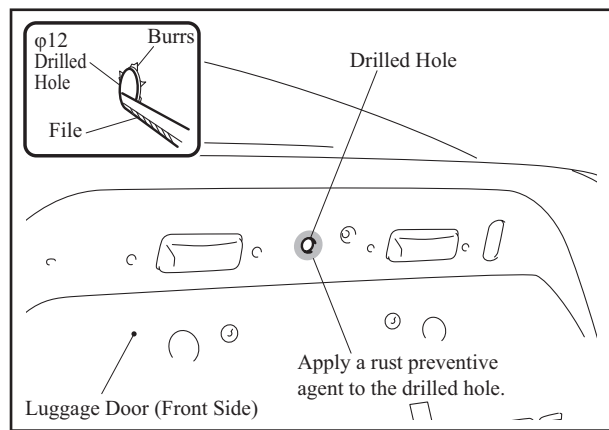


JT-AC-B12

- (2) Wrap packing tape around a φ3 drill bit act to as a stopper.
- (3) Drill a φ3 pilot hole in the marked portion.
- (4) Drill a φ12 hole in the pilot hole.

- Wear protective glasses when using the electric drill or hole saw.
- Hold an electric drill and hole saw perpendicular to the drilling surface.

Electric drill (φ3mm), Hole saw (φ12mm)



JT-AC-B13

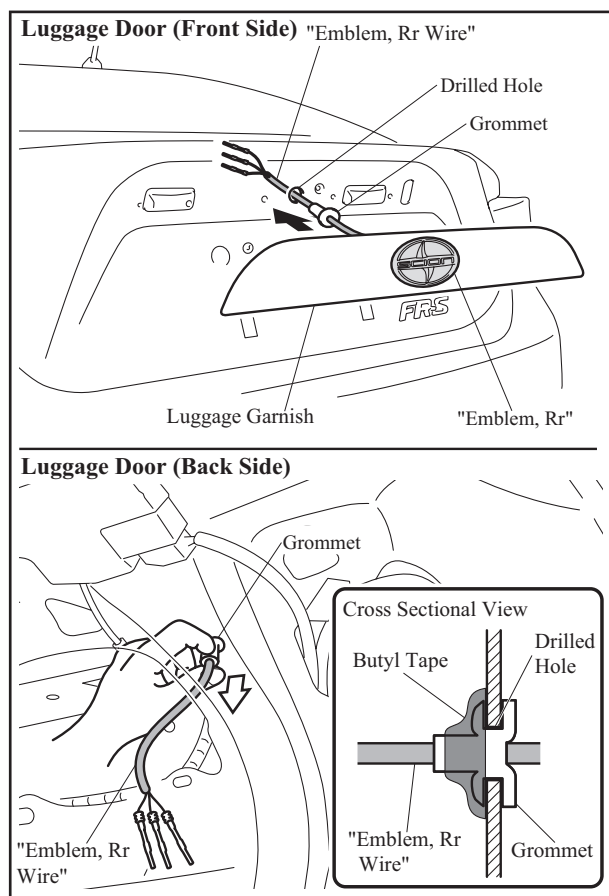
(e) Apply rust preventive agent.

- (1) Remove any burrs from the drilled hole.
- (2) Remove packing tape, protection sheet and masking tape.
- (3) Completely remove the chips from the vehicle using a magnet pickup tool and vacuum cleaner.
- (4) Apply a rust preventive agent to the drilled hole and allow it to dry.

- Proceed to the next step after the applied rust preventive agent is completely dry.

Files, Magnet pickup tool, Vacuum cleaner

Procedure



(f) Install the luggage garnish.

- (1) Pass the "Emblem, Rr Wire" of the "Emblem, Rr" through the drilled hole on the luggage door.
- (2) Temporarily install the luggage garnish.
- (3) Pull the grommet through the luggage door (back side) and install it into the drilled hole.
- (4) Cover the entire grommet with butyl tape as shown in the illustration to waterproof the drilled hole.



Do not deform the terminals when routing the "Emblem, Rr".



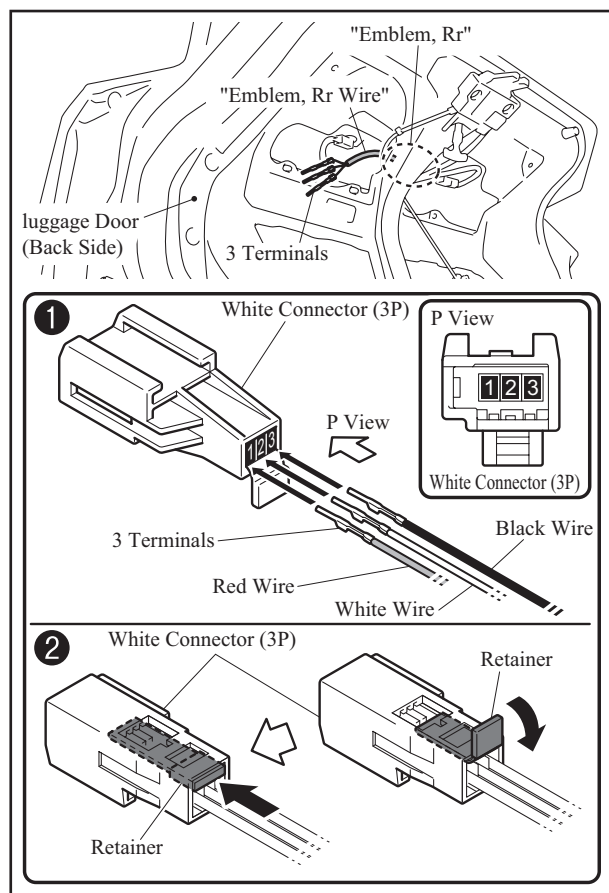
When installing the luggage garnish, pay careful attention to prevent the Wire from being caught.



Check that the grommet is securely installed in the drilled hole.



Butyl tape



- (5) Insert the terminal of the "Emblem, Rr Wire" Red wire to terminal No.1 of the White Connector (3P). (Fig. ①)
- (6) Insert the terminal of the "Emblem, Rr Wire" White wire to terminal No.2 of the White Connector (3P). (Fig. ①)
- (7) Insert the terminal of the "Emblem, Rr Wire" Black wire to terminal No.3 of the White Connector (3P). (Fig. ①)



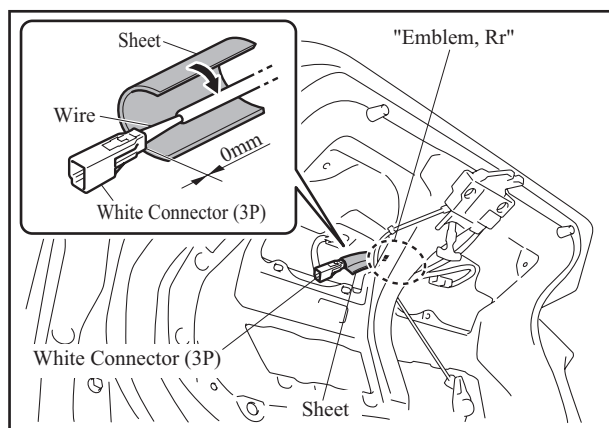
To avoid errors, insert each terminal until an engagement sound is heard and then pull the wire lightly to confirm that the terminal is securely inserted.

- (8) Insert the retainer of the White Connector (3P) until it comes into contact with the end. (Fig. ②)



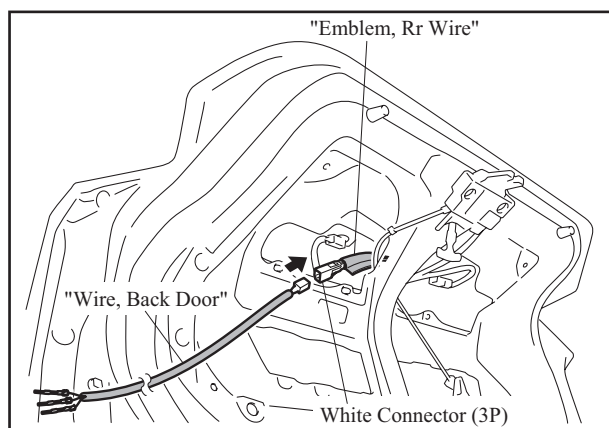
Securely insert the retainer to the end to avoid errors.

Procedure



JT-AC-C03

- (9) According to the dimensions in the illustration, wrap a piece of Sheet (80×50mm) around the wire of "Emblem, Rr Wire".

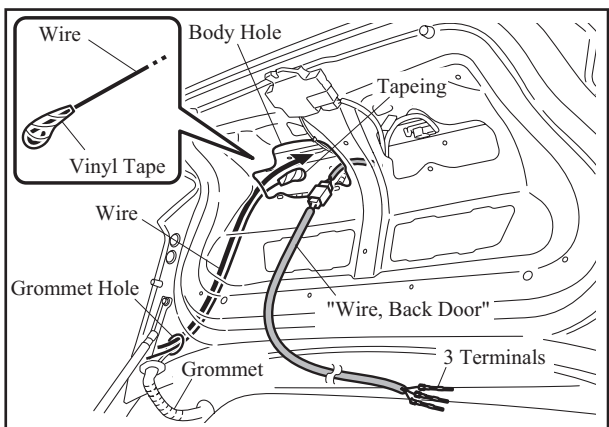


JT-AC-C04

5. Route "Wire, Back Door"

- (a) Route the "Wire, Back Door".

- (1) Connect the "Wire, Back Door" to the White Connector (3P) of the "Emblem, Rr Wire".



JT-AC-C05

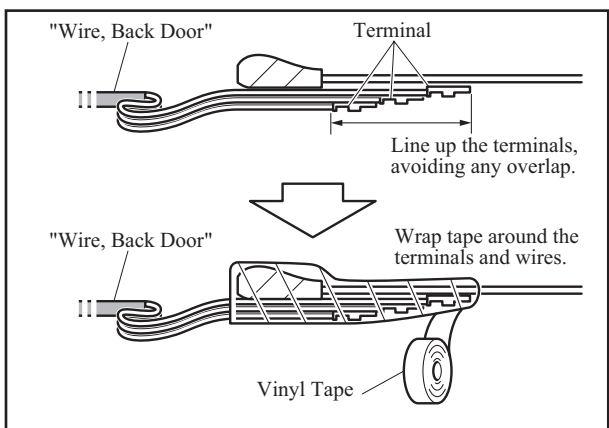
- (2) Remove the grommet from the luggage door.
(3) Fold back the tip of the wire and wrap vinyl tape around the bent area.
(4) Insert the wire to the body hole through the grommet hole.



- Wrap vinyl tape around the tip of the wire to protect the luggage door.



Wire, Vinyl tape



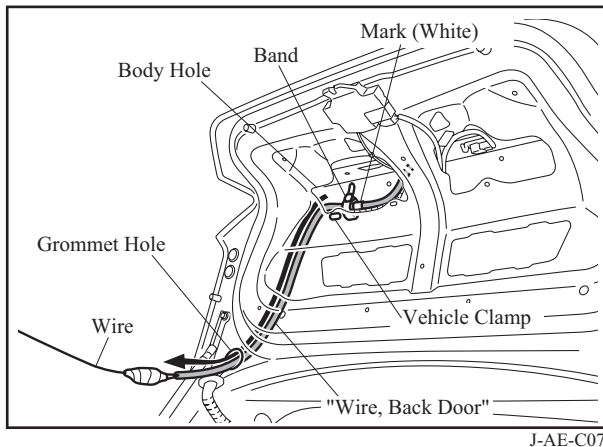
J-AE-C06

- (5) Line up the 3 terminals of the "Wire, Back Door", avoiding any overlap, and fix them onto the wire with vinyl tape.



Vinyl tape

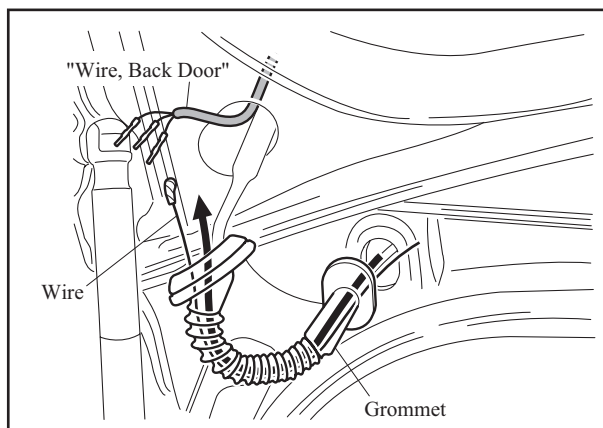
Procedure



J-AE-C07

- (6) Align the mark (white) of the "Wire, Back Door" with the vehicle clamp and fix them with the Band.
- (7) Pull the wire to extract the "Wire, Back Door" through the grommet hole.
- (8) Remove the wire from the "Wire, Back Door".


 Nipper

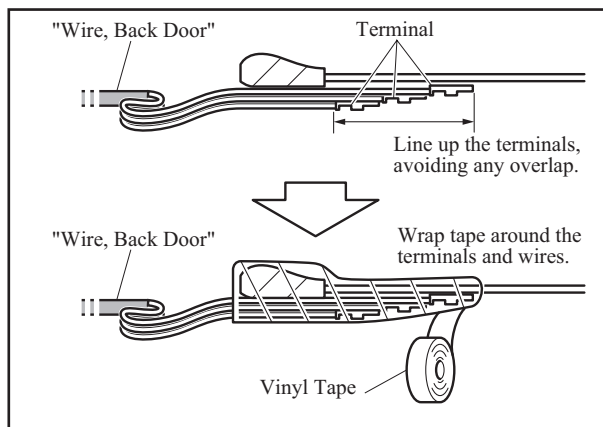


JT-AC-C08

(b)Route the grommet.

- (1) Pass the wire through the grommet in the direction shown in the illustration.

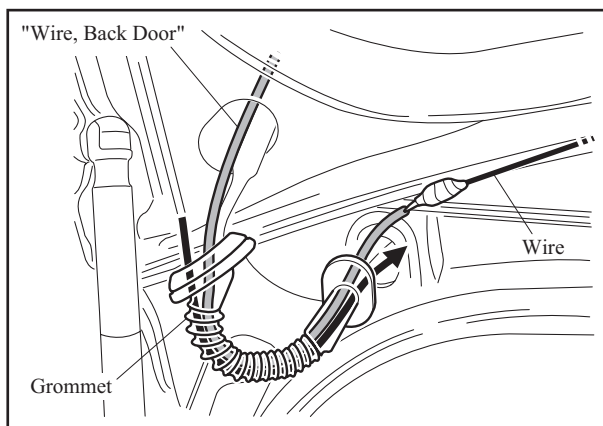
 When it is difficult to pass the wires through the grommet, apply soapy water to the wires before insertion.



J-AE-C06

- (2) Line up the 3 terminals of the "Wire, Back Door", avoiding any overlap, and fix them onto the wire with vinyl tape.


 Vinyl tape



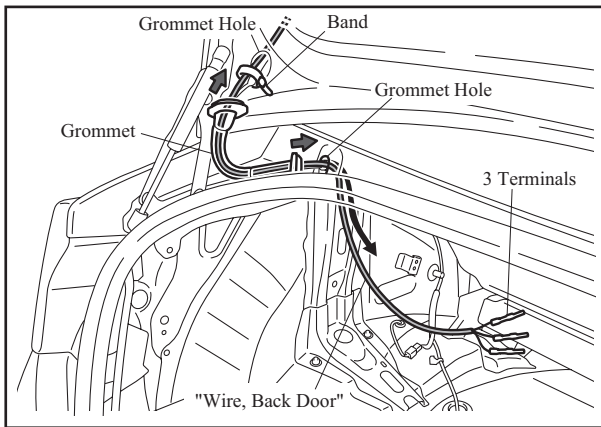
JT-AC-C09

- (3) Pass the wire and "Wire, Back Door" through the grommet in the direction shown in the illustration.

- (4) Remove the wire from the "Wire, Back Door".

 When it is difficult to pass the wire and the "Wire, Back Door" through the grommet, apply soapy water to the wires before insertion. Completely wipe off any soapy water from the "Wire, Back Door".

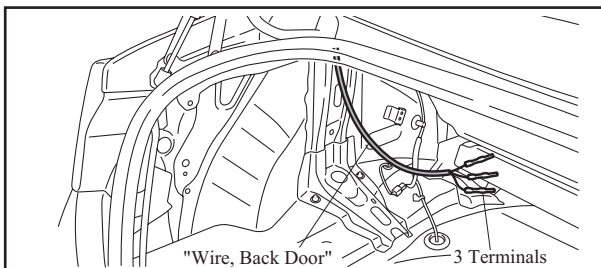
Procedure



J-AE-C06

- (5) Pass the "Wire, Back Door" through the grommet hole to inside the luggage compartment.
- (6) Route the "Wire, Back Door" and fix it to the vehicle harness with the Band.
- (7) Reinstall the grommet.

Nipper

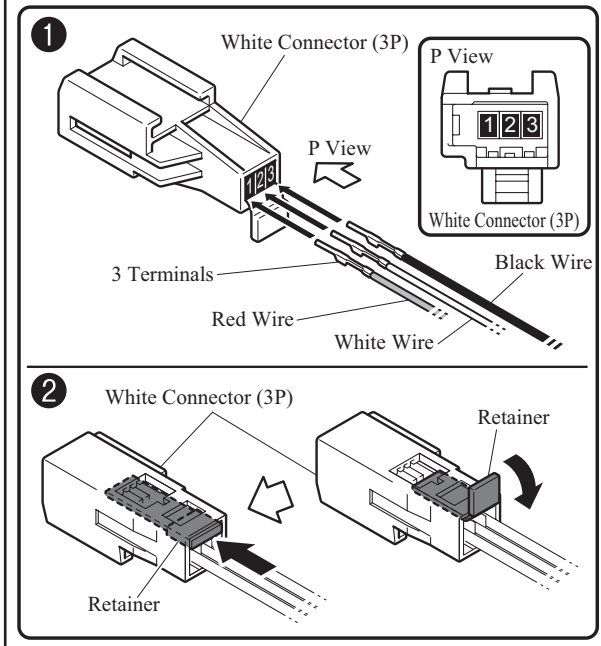


- (8) Insert the terminal of the "Wire, Back Door" Red wire to terminal No.1 of the White Connector (3P). (Fig. ①)
- (9) Insert the terminal of the "Wire, Back Door" White wire to terminal No.2 of the White Connector (3P). (Fig. ①)
- (10) Insert the terminal of the "Wire, Back Door" Black wire to terminal No.3 of the White Connector (3P). (Fig. ①)

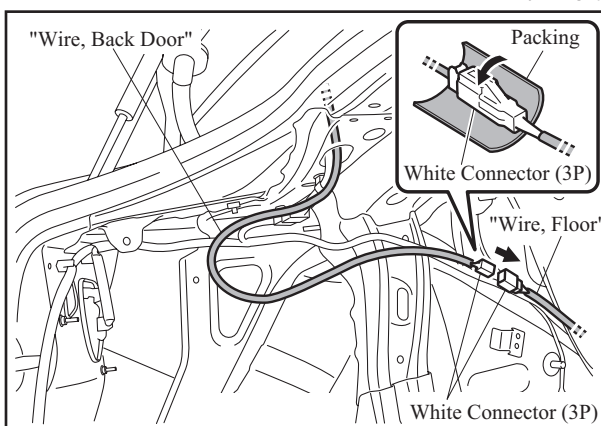
To avoid errors, insert each terminal until an engagement sound is heard and then pull the wire lightly to confirm that the terminal is securely inserted.

- (11) Insert the retainer of the White Connector (3P) until it comes into contact with the end. (Fig. ②)

Securely insert the retainer to the end to avoid errors.



J-AE-C10



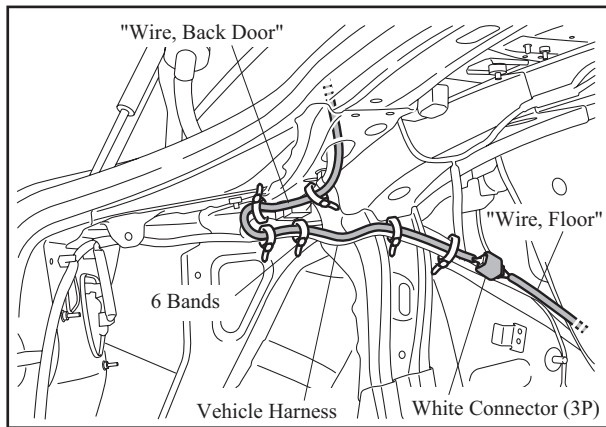
JT-AC-C14

6. Route "Wire, Floor"

(a) Route the "Wire, Floor".

- (1) Connect the "Wire, Floor" to the White Connector (3P) of the "Wire, Back Door".
- (2) Wrap a piece of Packing (80×50mm) around the White Connector (3P) to prevent abnormal noise.

Procedure

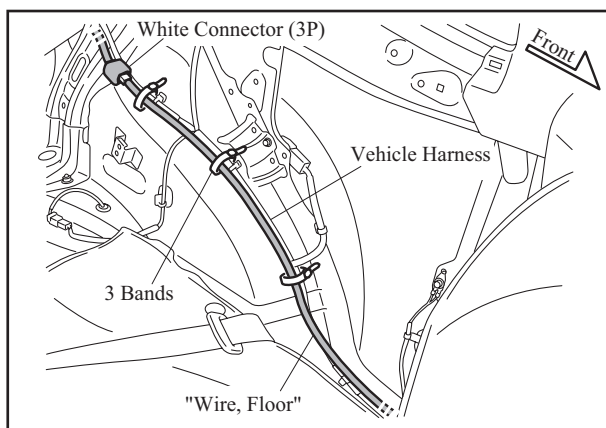


JT-AC-C12

- (3) Route the "Wire, Floor" along the vehicle harness and fix the "Wire, Floor" to the vehicle harness with 6 Bands.



Nipper

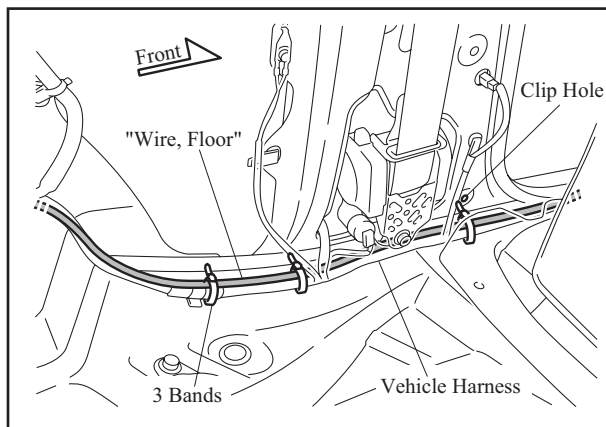


JT-AC-C13

- (4) Route the "Wire, Floor" along the vehicle harness and fix it to the vehicle harness with 3 Bands.



Nipper



JT-AC-C15

- (5) Route the "Wire, Floor" along the vehicle harness and fix it to the vehicle harness with 4 Bands.



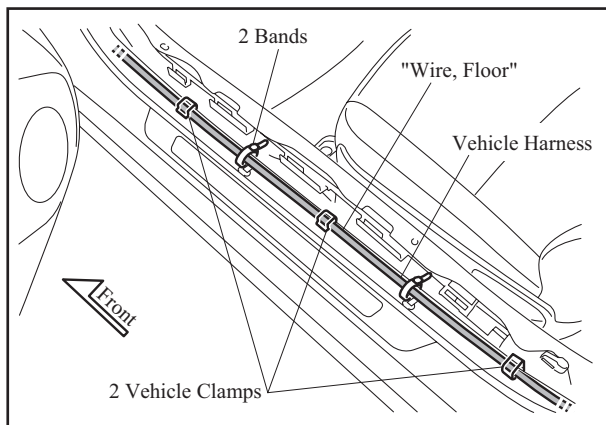
When reinstalling the luggage compartment trim cover LH, fix it in place where no harness is caught in the clip hole.



Fix the "Wire, Floor" in place where it does not interfere with the edge of the vehicle body.



Nipper



JT-AC-C16

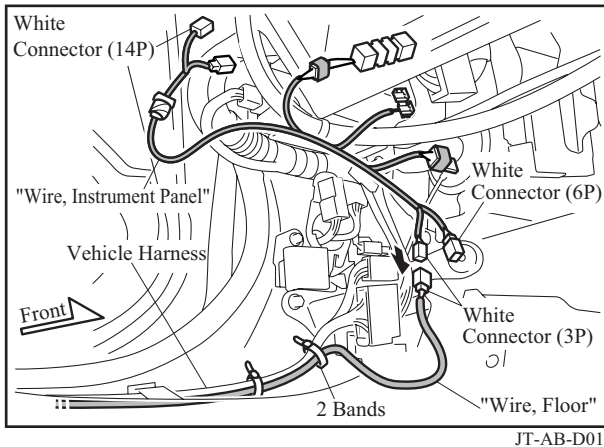
- (6) Route the "Wire, Floor" along the vehicle harness and insert it through the 2 vehicle clamps.

- (7) Fix the "Wire, Floor" to the vehicle harness with 2 Bands.



Nipper

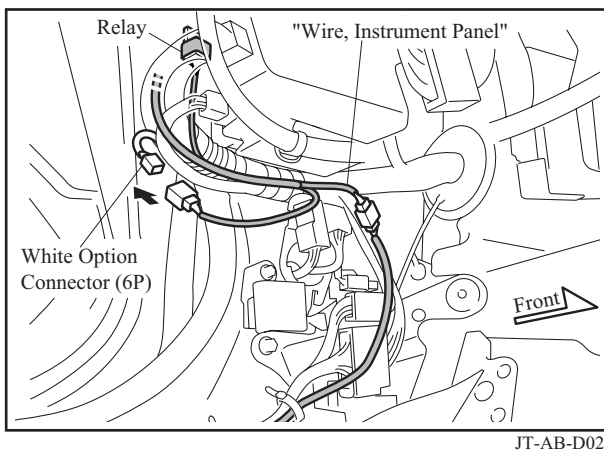
Procedure



7. Route "Wire, Instrument Panel".

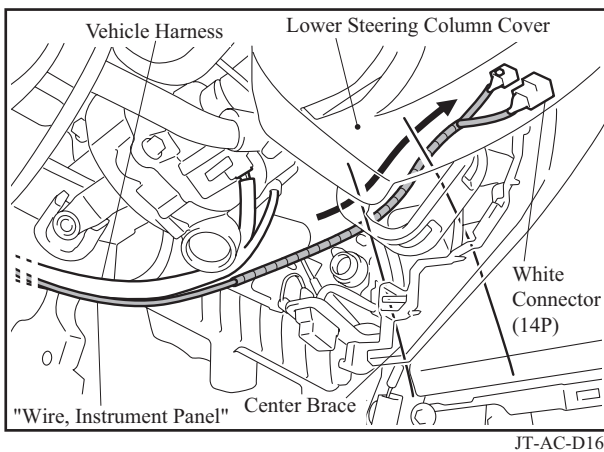
(a) Connect the "Wire, Instrument Panel".

- (1) Connect the "Wire, Instrument Panel" to the White Connector (3P) of the "Wire, Floor".
- (2) Route the "Wire, Floor" along the vehicle harness and fix it to the vehicle harness with 2 Bands.



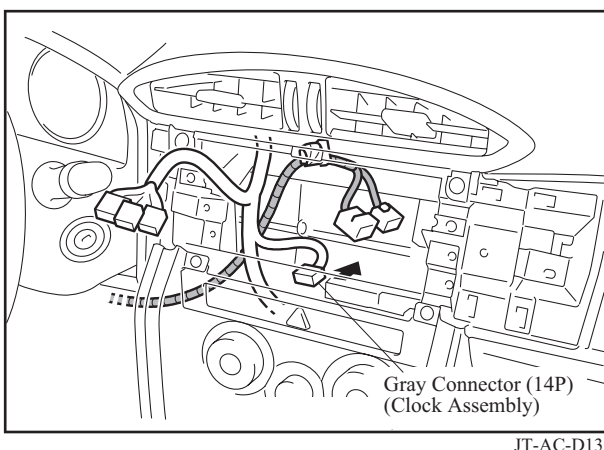
(b) Connect the white option connector (6P).

- (1) Connect the White Connector (6P) of the "Wire, Instrument Panel" to the white option connector (6P).
- (2) Temporarily route the Relay of the "Wire, Instrument Panel" along the vehicle harness.



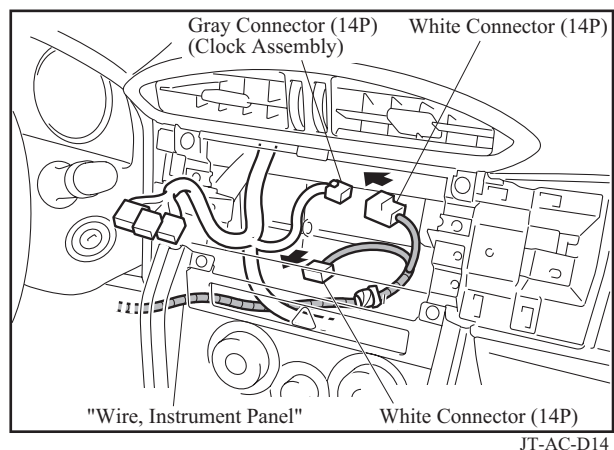
(c) Connect the clock assembly.

- (1) Pass the White Connector (14P) of the "Wire, Instrument Panel" to the vehicle front of the center brace and then route it to the audio unit installation location.



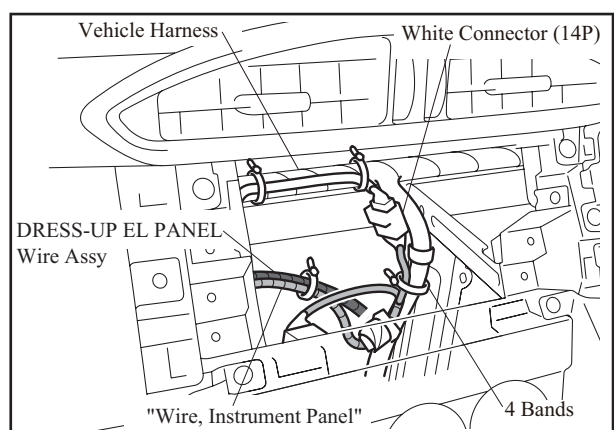
- (2) Disconnect the gray connector (14P) from the clock assembly.

Procedure



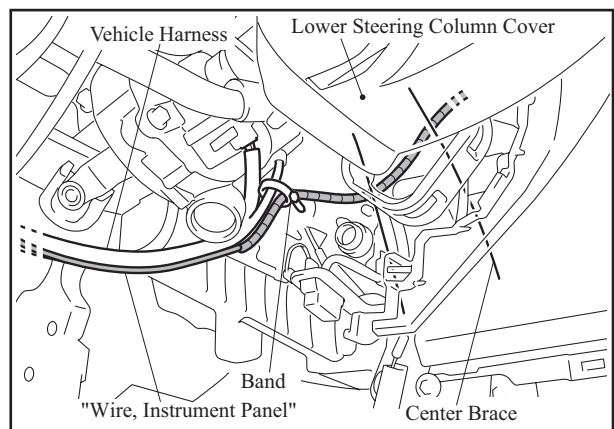
JT-AC-D14

- (3) Connect the White Connectors (14P) of the "Wire, Instrument Panel" to the gray connector (14P) disconnected in step.



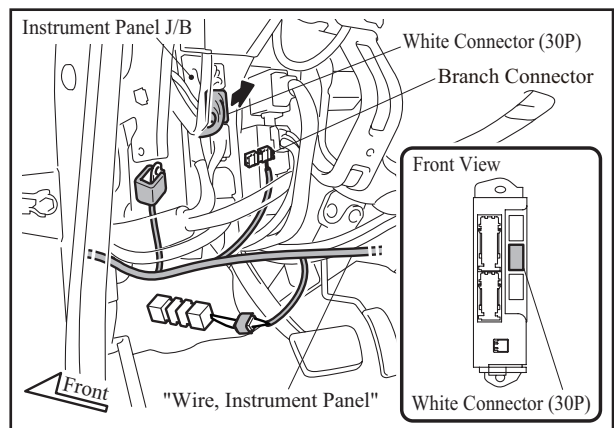
JT-AC-D15

- (4) Fix the "Wire, Instrument Panel" and vehicle harness onto the Dress-up EL Panel Wire Assy with 4 Bands.



JT-AC-D10

- (5) Route the "Wire, Instrument Panel" and fix it to the vehicle harness with a Band.

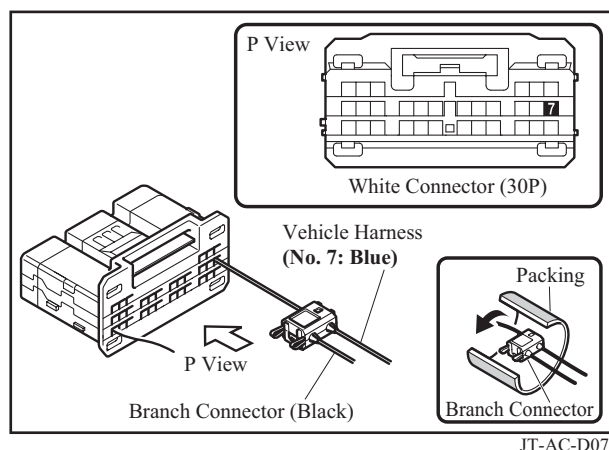


JT-AC-D05

- (d) Connect the Instrument Panel J/B.

- (1) Disconnect the white connector (30P) from the instrument panel J/B.

Procedure



(2) Connect the Branch Connector (black) of the "Wire, Instrument Panel" to wire **No. 7 (Blue)** of the white connector (30P).

(3) Wrap a piece of Packing (80×50mm) around the Branch Connector to prevent abnormal noise.

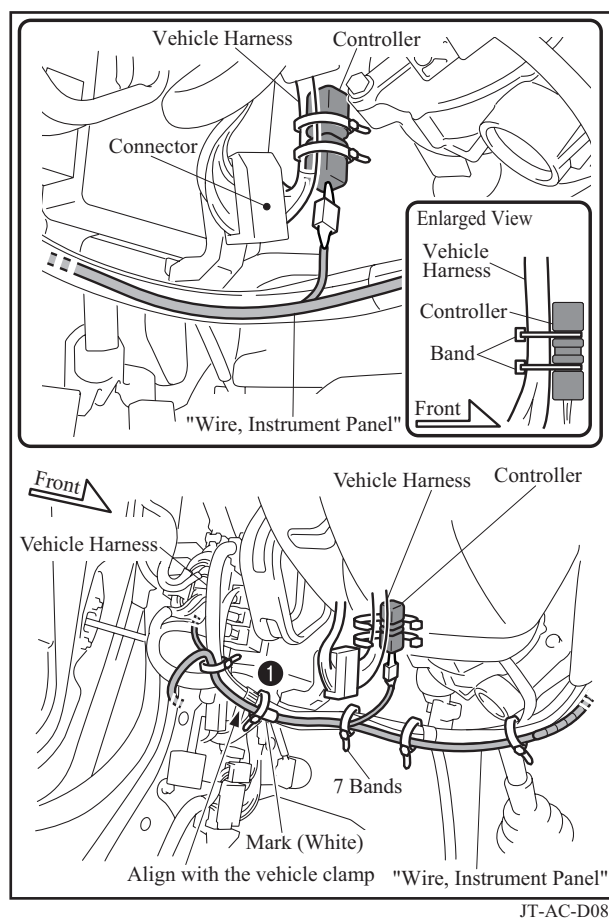
(4) Reconnect the white connector (30P).



Check the terminal number and color and be sure to connect the correct wire because there are wires with the same colors within the connector.



Pliers



(f) Fasten the "Wire, Instrument Panel".

(1) Align the Mark (white) of the "Wire, Instrument Panel" with the vehicle clamp and fix them with the Band. (Fig. ①)

(2) Fix the Controller of the "Wire, Instrument Panel" to the vehicle harness with 2 Bands as shown in the illustration.

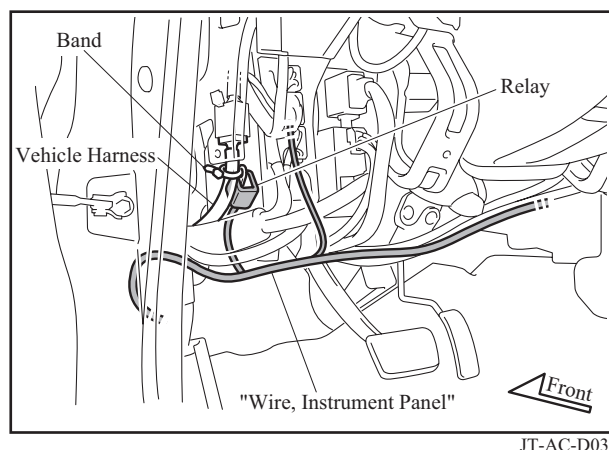
(3) Fix the "Wire, Instrument Panel" to the vehicle harness with 4 Bands.



Fix the Controller on the rear side of the vehicle harness.



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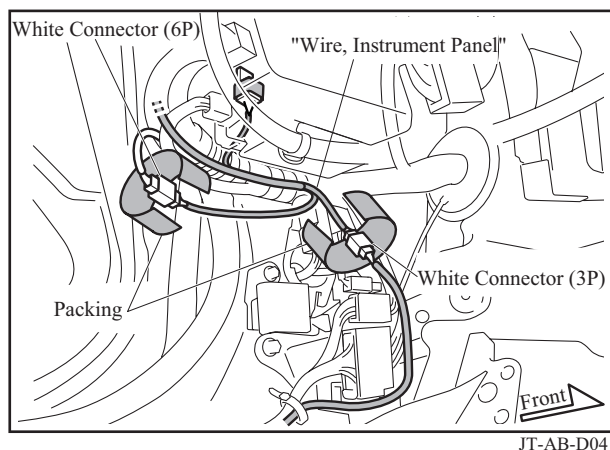


(4) Fix the Relay of the "Wire, Instrument Panel" to the vehicle harness with the Band.



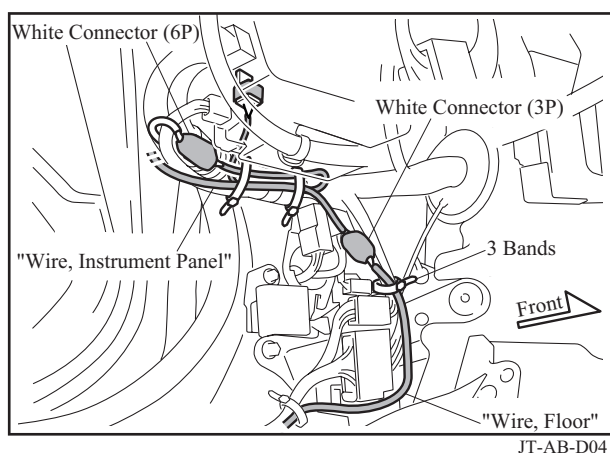
Nipper

Procedure



(5) Wrap a piece of Packing (80×50mm) around the white connector (3P) to prevent abnormal noise.

(6) Wrap a piece of Packing (80×50mm) around the white connector (6P) to prevent abnormal noise.



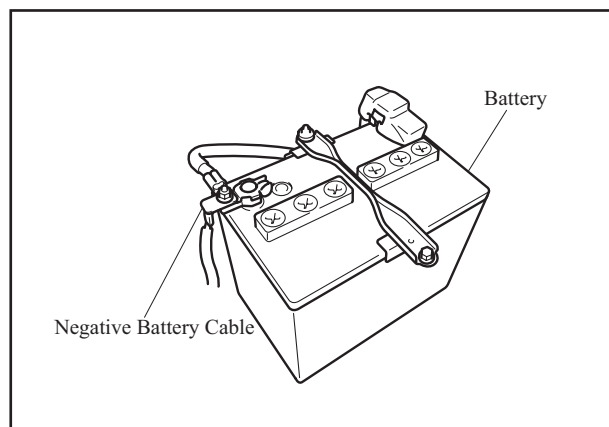
(7) Fix the "Wire, Instrument Panel" and "Wire, Floor" to the vehicle harness with 3 Bands.



Procedure

8. Check the Operations.

1. Make sure that the wire harnesses are correctly installed before checking the illumination operation.
2. Check the operation in accordance with the following procedure. Perform the inspection in accordance with the troubleshooting instructions if errors occur.



J-AD-002

(a) Reconnect the negative battery cable.

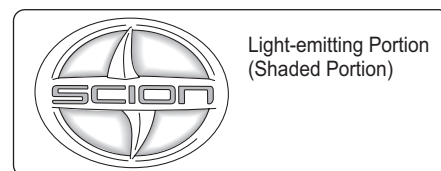
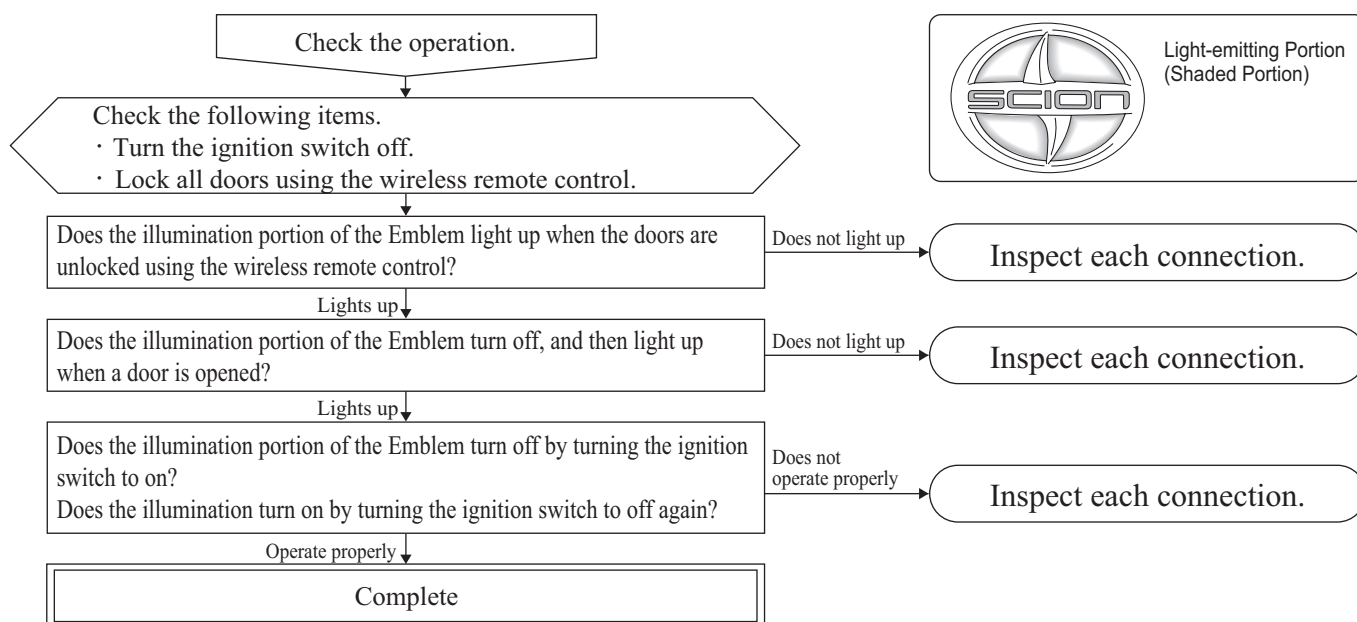
- (1) Reconnect the cable to the negative battery terminal.
- (2) Tighten the nut to 2.9 to 7.8 N•m.



- (3) Do not touch the positive terminal with any tools when reconnecting the cable.



10mm Socket wrench, Torque wrench

**9. Complete Installation****(a) Complete the reassembly of the vehicle.**

- (1) Reconnect any disconnected connectors.

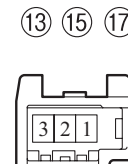
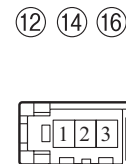
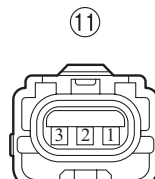
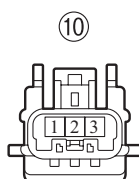
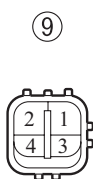
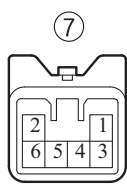
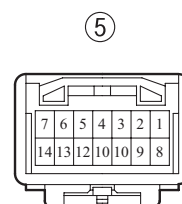
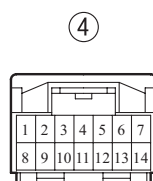
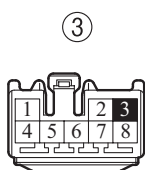
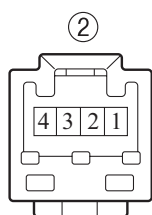
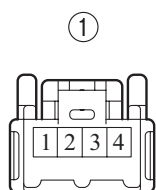
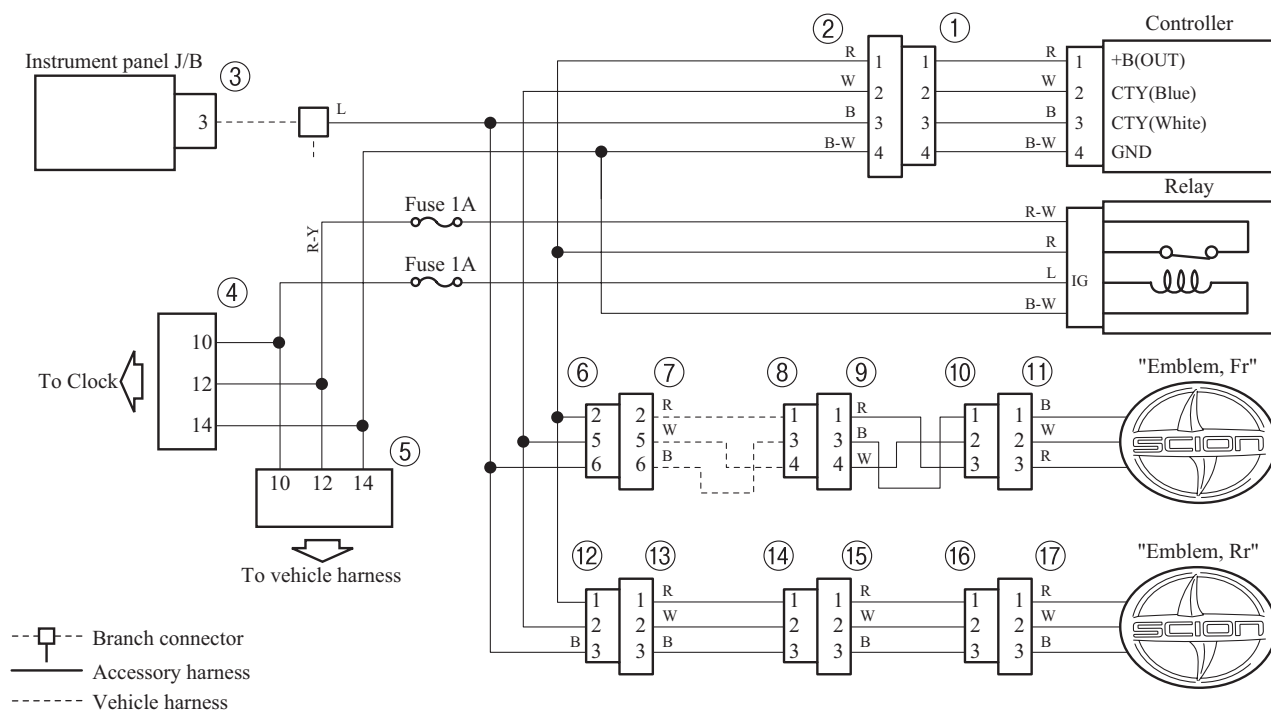


- (2) Verify that the panels fit together properly with no uneven gaps between them.

(b) Clean up and remove any unnecessary items.

Procedure

10. Diagram



Checklist - these points **MUST** be checked to ensure a quality installation.

Check:

Vehicle Function Checks

- ☐ All the exterior and interior lights
- ☐ Luggage door opener system
- ☐ Front passenger seatbelt warning light
- ☐ Remote keyless entry system
- ☐ Power window system

Look For:

All the lights operate properly.

The luggage door operates properly

The warning light operates properly

The system operates properly.

The power windows operate properly.
(If they do not operate, conduct the
initialization for the power windows by
referring to the Owner's Manual.)