

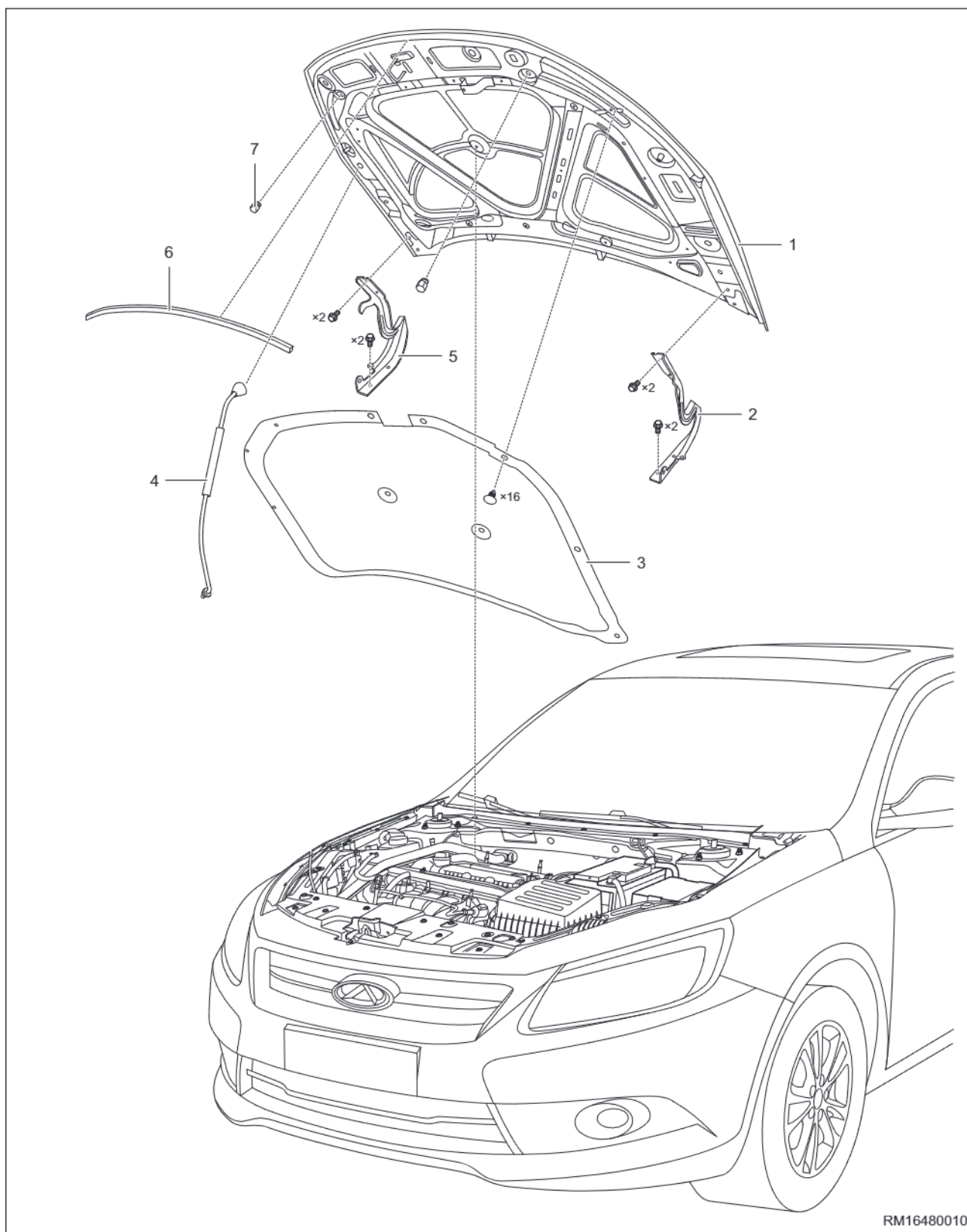
ENGINE HOOD/DOOR

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GENERAL INFORMATION

Description

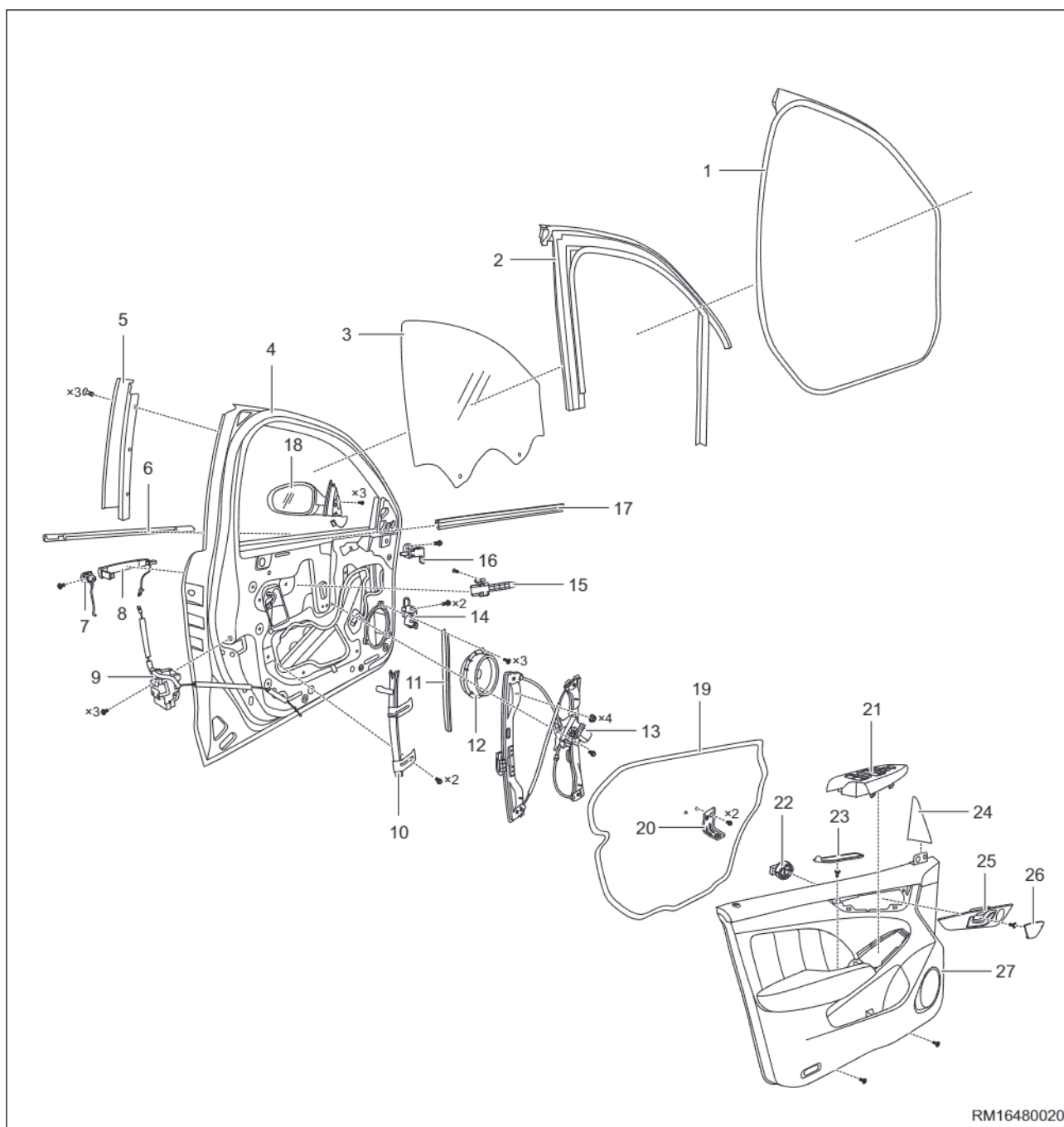
Hood Assembly



48 - ENGINE HOOD/DOOR

1 - Hood Assembly	2 - Hood Left Hinge Assembly
3 - Hood Sound-absorbing Pad	4 - Hood Support Rod
5 - Hood Right Hinge Assembly	6 - Engine Weatherstrip
7 - Hood Adjustment Block	

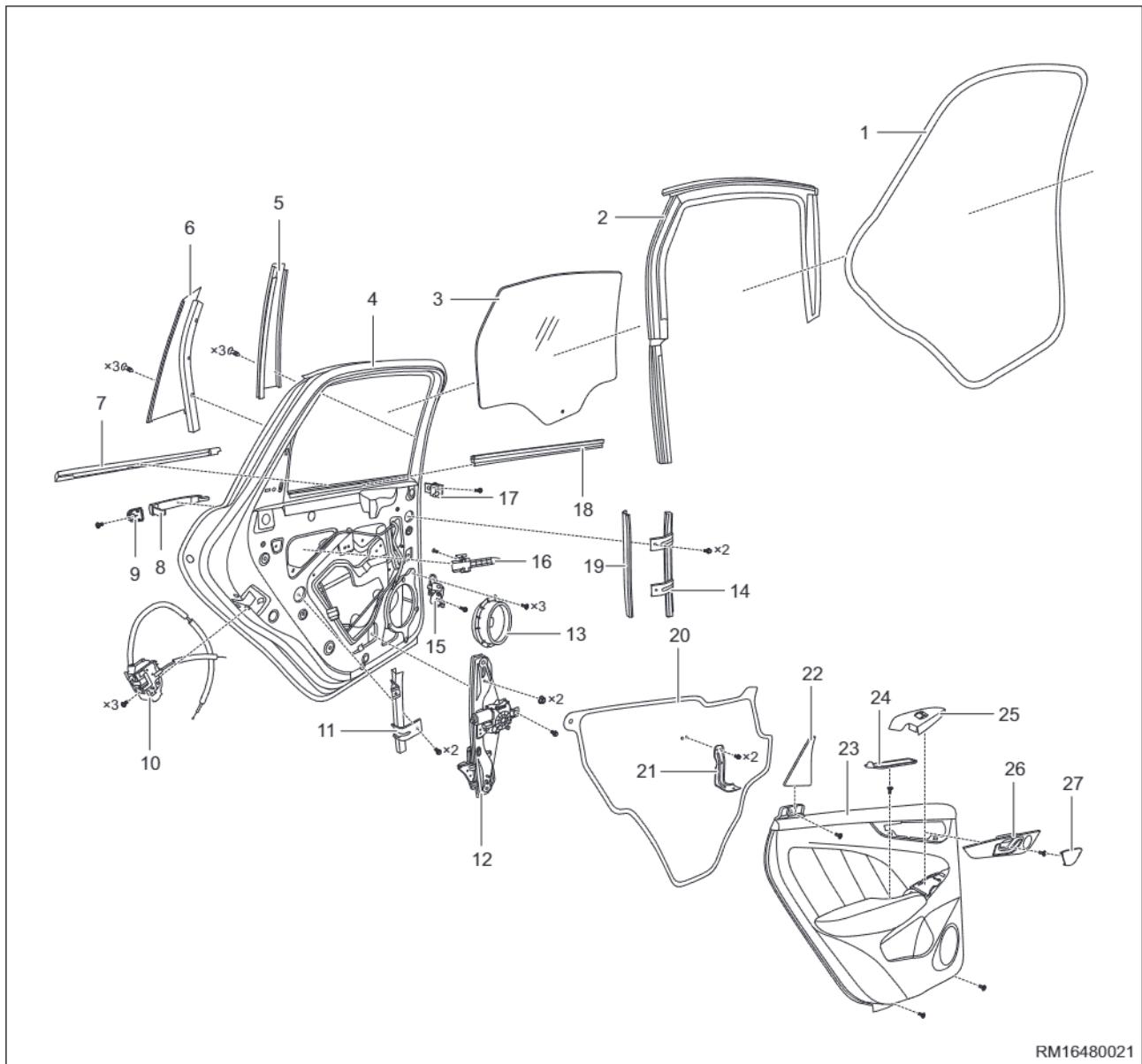
Front Left Door Assembly



RM16480020

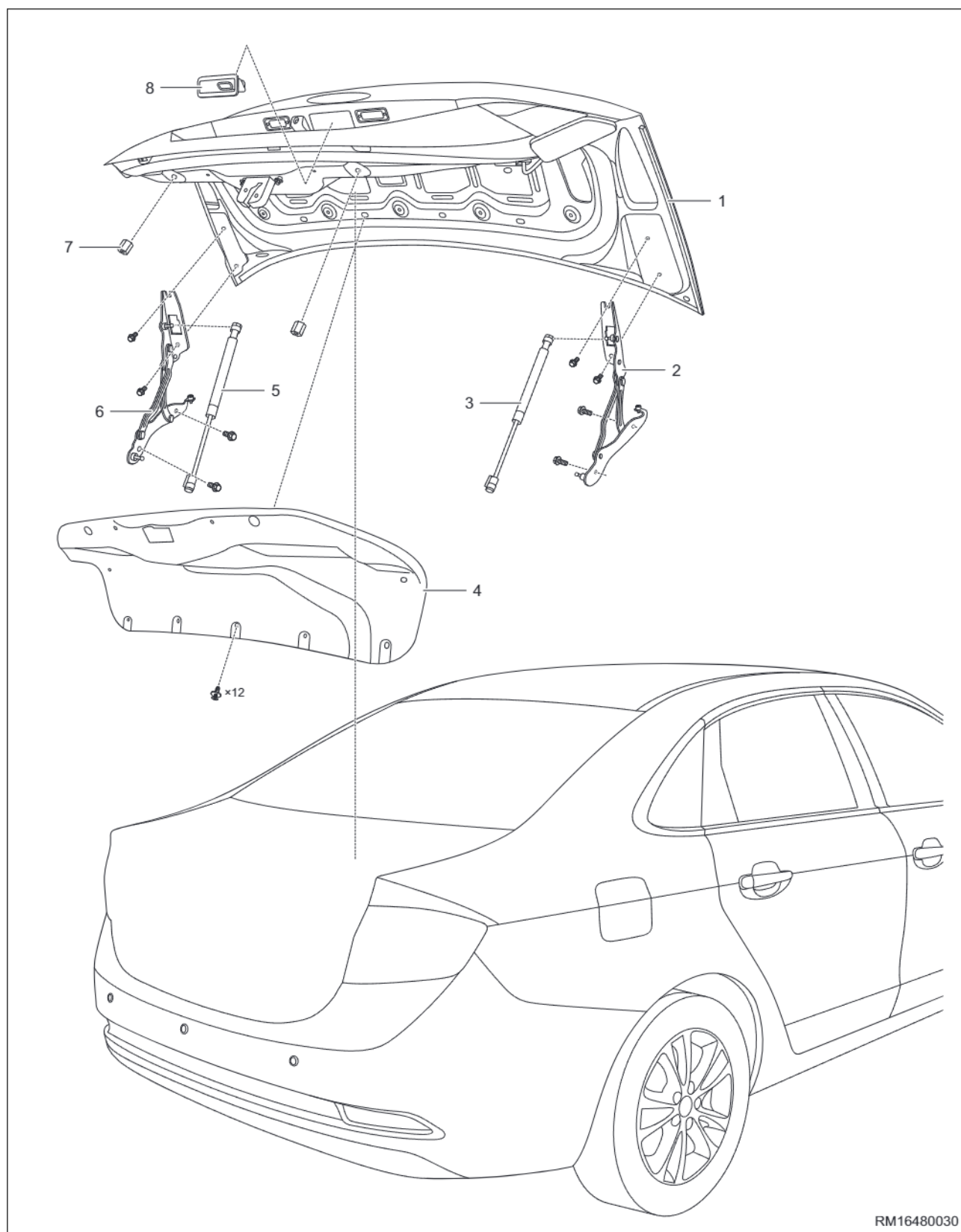
1 - Front Door Frame Weatherstrip	2 - Front Door Upper Glass Guide
3 - Front Door Glass Assembly	4 - Front Door Assembly
5 - Front Door Cover Plate	6 - Front Door Outer Weather Bar
7 - Front Door Outside Handle Cover	8 - Front Door Outside Handle
9 - Front Door Lock Assembly	10 - Front Door Rear Glass Guide Rail Assembly
11 - Front Door B-pillar Lower Glass Guide	12 - Front Door Full-range Speaker
13 - Front Door Power Glass Regulator	14 - Front Door Lower Hinge Assembly
15 - Front Door Outside Handle Base Assembly	16 - Front Door Upper Hinge Assembly
17 - Front Door Inner Weather Bar	18 - Outside Rear View Mirror Assembly
19 - Front Door Protective Film Assembly	20 - Front Door Metal Bracket
21 - Power Glass Regulating Control Master Switch Assembly	22 - Tweeter Assembly
23 - Front Door Inside Handle Trim Cover Gasket	24 - Outside Rear View Mirror Inner Triangular Block
25 - Front Door Inside Handle	26 - Front Door Inside Handle Screw Block Cover
27 - Front Door Inner Protector Assembly	

Rear Left Door Assembly



1 - Rear Door Frame Weatherstrip	2 - Rear Door Upper Glass Guide
3 - Rear Door Glass Assembly	4 - Rear Door Assembly
5 - Rear Door Cover Plate	6 - Rear Door C-pillar Cover Plate Assembly
7 - Rear Door Outer Weather Bar	8 - Rear Door Outside Handle
9 - Rear Door Outside Handle Cover	10 - Rear Door Lock Assembly
11 - Rear Door Rear Glass Guide Rail Assembly	12 - Rear Door Power Glass Regulator
13 - Rear Door Full-range Speaker	14 - Rear Door Front Glass Guide Rail Assembly
15 - Rear Door Lower Hinge Assembly	16 - Rear Door Outside Handle Base Assembly
17 - Rear Door Upper Hinge Assembly	18 - Rear Door Inner Weather Bar
19 - Rear Door B-pillar Lower Glass Guide	20 - Rear Door Protective Film Assembly
21 - Rear Door Metal Bracket	22 - Rear Door Inner Triangular Block
23 - Rear Door Inner Protector Assembly	24 - Rear Door Inside Handle Trim Cover Gasket
25 - Power Glass Regulator Switch	26 - Rear Door Inside Handle
27 - Rear Door Inside Handle Screw Block Cover	

Luggage Compartment Door Assembly



1 - Luggage Compartment Door Assembly	2 - Luggage Compartment Door Right Hinge Assembly
3 - Luggage Compartment Door Right Air Spring	4 - Luggage Compartment Door Trim Board Assembly
5 - Luggage Compartment Door Left Air Spring	6 - Luggage Compartment Door Left Hinge Assembly
7 - Luggage Compartment Door Adjustment Block	8 - Luggage Compartment Door Opener Switch Assembly

The vehicle is designed as a structure with four doors & two covers (front left door, rear left door, front right door, rear right door, luggage compartment door and hood).

Specifications

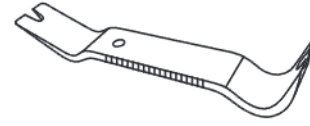
Torque Specifications

Description	Torque (N·m)
Fixing Bolt Between Hood Assembly and Hood Hinge Assembly	25 ± 2
Fixing Bolt Between Hood Hinge Assembly and Body	25 ± 2
Hood Lock Assembly Fixing Bolt	9 ± 1
Fixing Bolt Between Hood Hinge Assembly and Wing Assembly	10 ± 1
Front Door Inner Protector Assembly Fixing Screw	1.5 ± 0.5
Front Door Inside Handle Fixing Screw	1.5 ± 0.5
Front Door Metal Bracket Fixing Bolt	5 ± 1
Front Door Outside Handle Base Assembly Fixing Screw	7 ± 1
Fixing Bolt Between Front Door Hinge Assembly and Front Door Assembly	55 ± 5
Fixing Bolt Between Front Door Hinge Assembly and Body	55 ± 5
Front Door Lock Striker Fixing Screw	23 ± 1
Rear Door Inner Protector Assembly Fixing Screw	1.5 ± 0.5
Rear Door Inside Handle Fixing Screw	1.5 ± 0.5
Rear Door Metal Bracket Fixing Bolt	5 ± 1
Rear Door Outside Handle Cover Fixing Screw	7 ± 1
Rear Door Outside Handle Base Assembly Fixing Screw	7 ± 1
Fixing Bolt Between Rear Door Hinge Assembly and Rear Door Assembly	55 ± 5
Fixing Bolt Between Rear Door Hinge Assembly and Body	55 ± 5
Rear Door Lock Striker Fixing Screw	23 ± 1
Fixing Bolt Between Luggage Compartment Door Hinge Assembly and Luggage Compartment Door Assembly	25 ± 2
Fixing Bolt Between Luggage Compartment Door Hinge Assembly and Body	25 ± 2
Luggage Compartment Lock Striker Assembly Fixing Screw	23 ± 1

Tool

General Tool

Interior Crow Plate



RCH0000025

ON-VEHICLE SERVICE

Hood Assembly

Removal

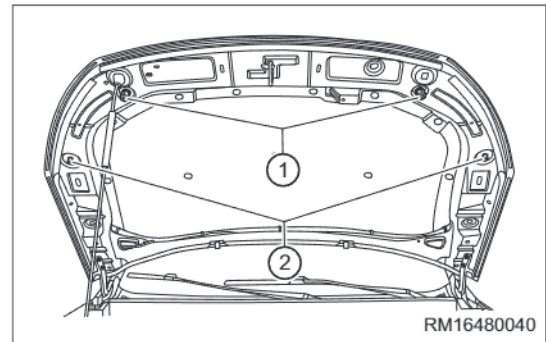
WARNING

- When removing hood assembly, an assistant is needed to hold hood. Try to prevent hood from dropping or suddenly closing to cause accidents during operation.

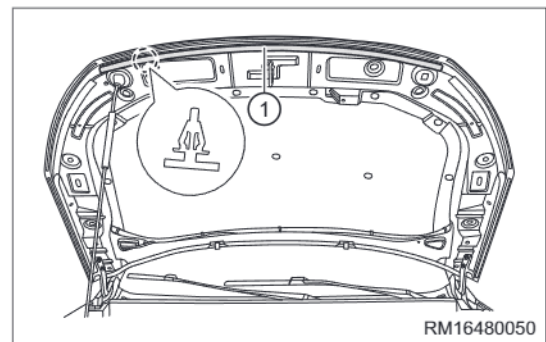
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing hood assembly.
- When removing hood assembly, try to prevent hood from dropping, otherwise, body or front windshield may be damaged.

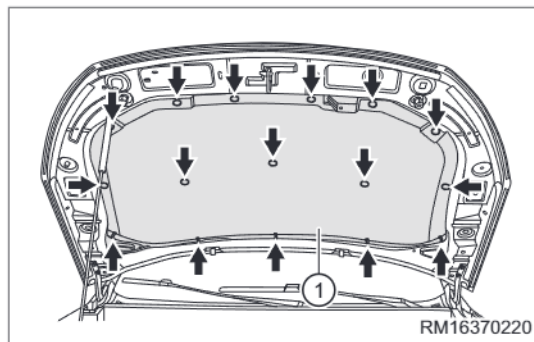
- Remove the hood adjustment blocks.
 - Turn the hood adjustment blocks counterclockwise, and remove the hood adjustment blocks (1).
- Remove the hood buffer blocks.
 - Using a screwdriver wrapped with protective tape, pry off the hood buffer blocks (2).



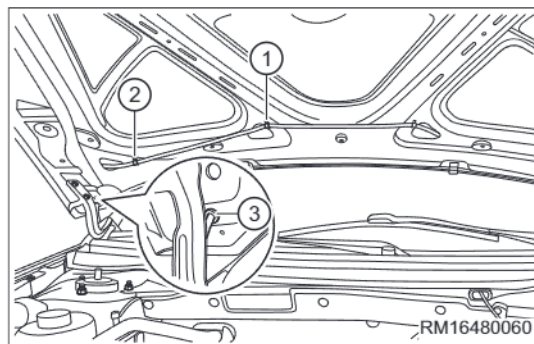
- Remove the engine weatherstrip.
 - Disengage the clips from engine weatherstrip, and remove the engine weatherstrip (1).



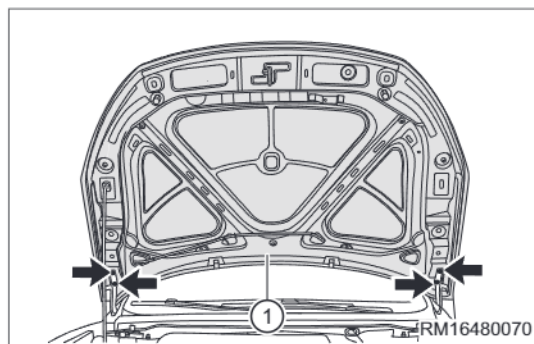
4. Remove the hood sound-absorbing pad.
 - a. Remove the clips (arrow) from hood sound-absorbing pad, and remove the hood sound-absorbing pad (1).



5. Loosen the washer line.
 - a. Disconnect the washer line joint (1).
 - b. Loosen the washer line from clip (2).
 - c. Using a screwdriver wrapped with protective tape, pry up the rubber cushion (3), and loosen the washer line.



6. Remove the hood assembly.
 - a. Remove 4 fixing bolts (arrow) between hood assembly and hood hinge assembly, and remove the hood assembly (1).
(Tightening torque: $25 \pm 2 \text{ N}\cdot\text{m}$)



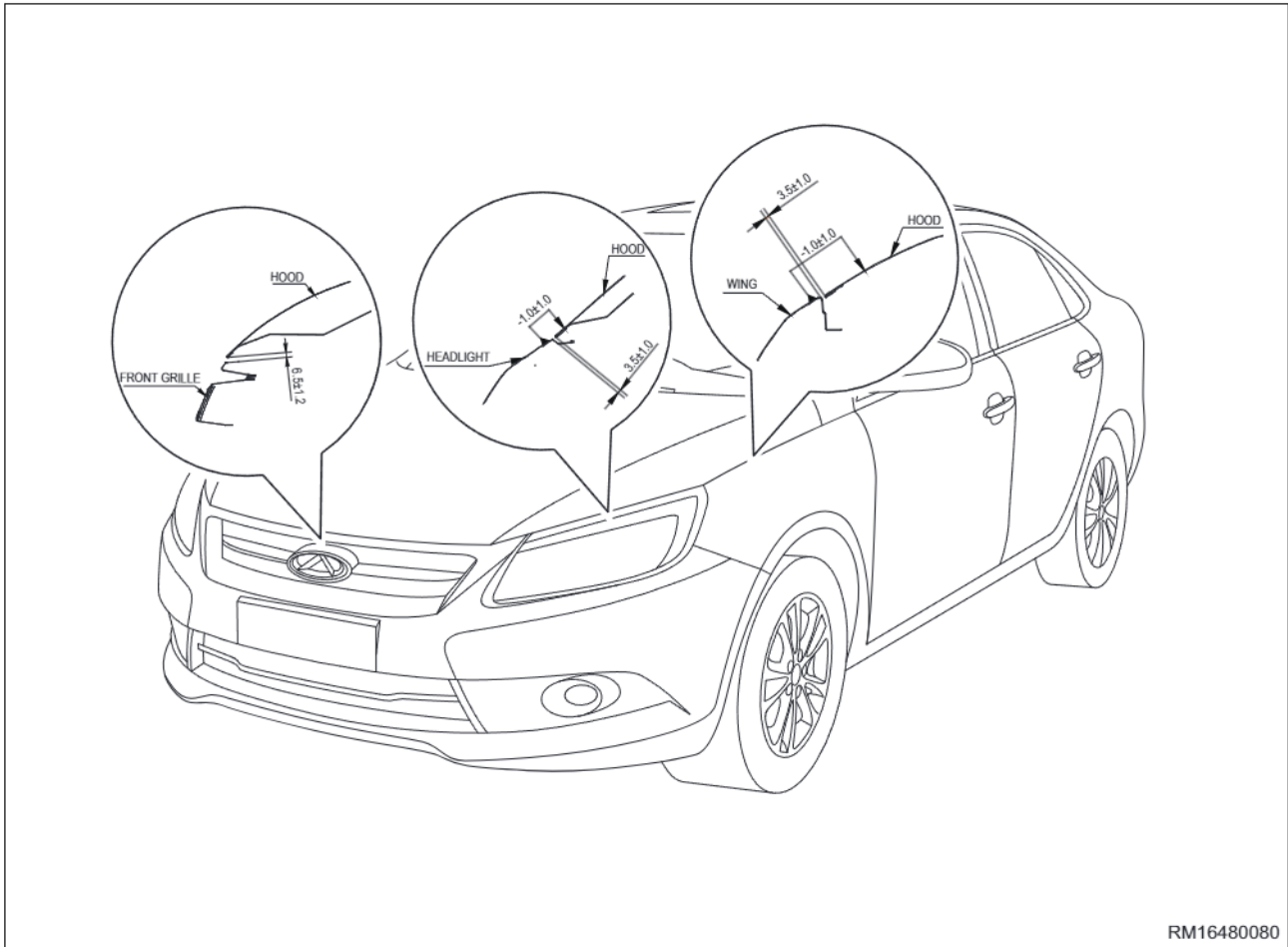
Installation

Installation is in the reverse order of removal.

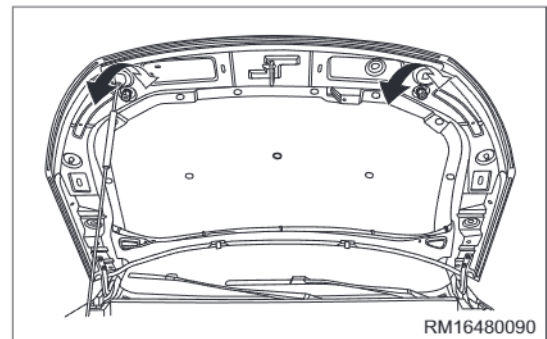
Adjustment

1. Adjust the hood assembly.
 - a. Loosen the fixing bolts on hood hinge assembly.
 - b. Adjust clearance of hood assembly to the standard range and pre-tighten fixing bolts on hood hinge assembly.

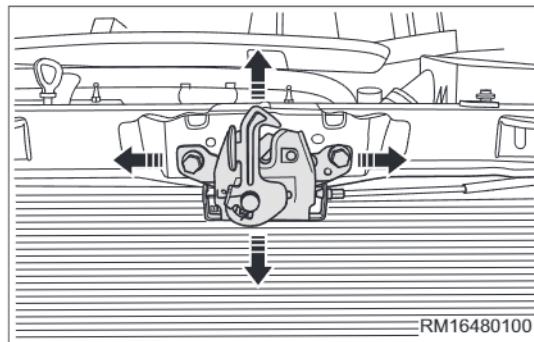
Standard ranges of clearance between installation position of hood assembly and each part are as follows:



- c. After adjustment, tighten fixing bolts between hood hinge assembly and hood assembly to specified torque.
(Tightening torque: 25 ± 2 N·m)
 - d. After adjustment, tighten fixing bolts between hood hinge assembly and body to specified torque.
(Tightening torque: 25 ± 2 N·m)
2. Adjust the height of hood front end with adjustment blocks.
 - a. Raise or lower the hood front end by rotating the adjustment blocks clockwise or counterclockwise.



- b. After adjustment, make sure that alignment between hood assembly and wing assembly is within the standard range.
Standard alignment: -1.0 ± 1.0 mm
- c. After adjustment, make sure that alignment between hood assembly and front combination light is within the standard range.
Standard alignment: -1.0 ± 1.0 mm
3. Adjust the hood lock assembly.
 - a. Slightly loosen the fixing bolts of hood lock assembly, and adjust the hood lock assembly in direction of arrow.



- b. Tighten the hood lock assembly fixing bolts to specified torque after adjustment.
(Tightening torque: 9 ± 1 N·m)

Inspection

After hood assembly is adjusted, perform inspection as follows:

1. Check hood for wear or deformation during installation, and repair as necessary.
2. Check if fixing bolts are set in position. Tighten them to specified torque as necessary.
3. Check if clearance and alignment between hood assembly installation position and each part are within the specified range. Adjust as necessary.

Hood Hinge Assembly

Removal

HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

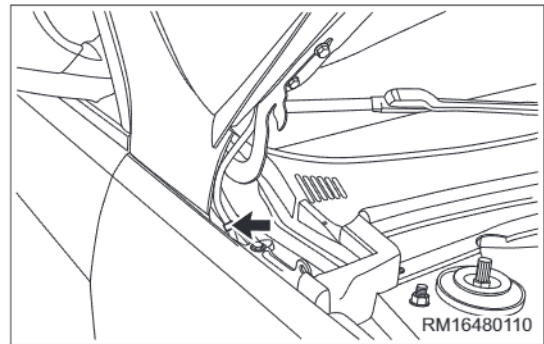
WARNING

- When removing hood hinge assembly, an assistant is needed to hold hood. Try to prevent hood from dropping or suddenly closing to cause accidents during operation.

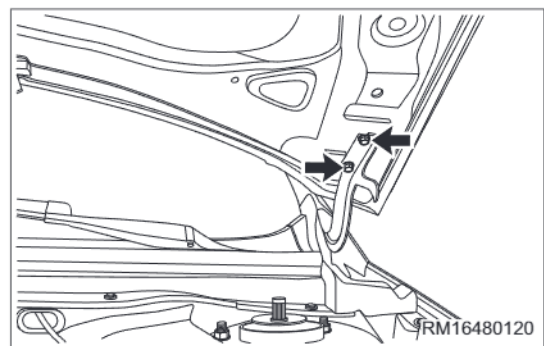
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing hood hinge assembly.
- When removing hood hinge assembly, try to prevent hood from dropping, otherwise, body or front windshield may be damaged.

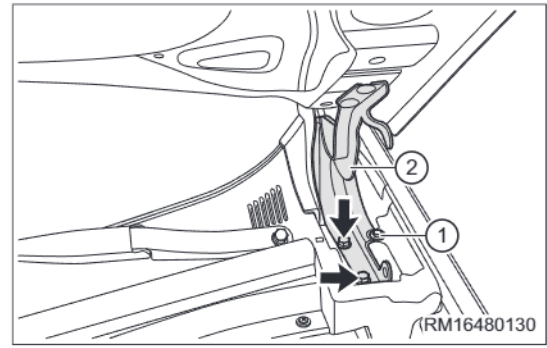
1. Remove the hood left hinge assembly.
 - a. Disengage the clip (arrow) from hood right hinge assembly (for right side).



- b. Remove 2 fixing bolts (arrow) between hood left hinge assembly and hood assembly. (Tightening torque: 25 ± 2 N·m)



- c. Remove the fixing bolt (1) between hood left hinge assembly and wing assembly.
(Tightening torque: 10 ± 1 N·m)
- d. Remove 2 fixing bolts (arrow) between hood left hinge assembly and body, and remove the hood left hinge assembly (2).
(Tightening torque: 25 ± 2 N·m)



Installation

Installation is in the reverse order of removal.

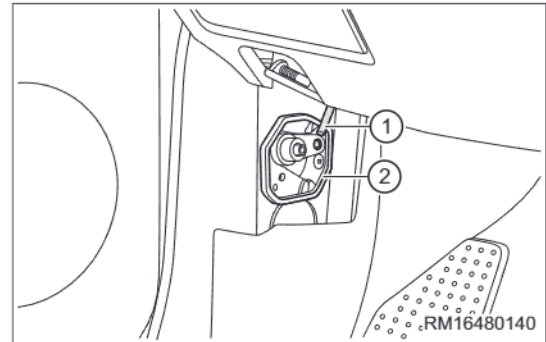
Hood Cable Assembly

Removal

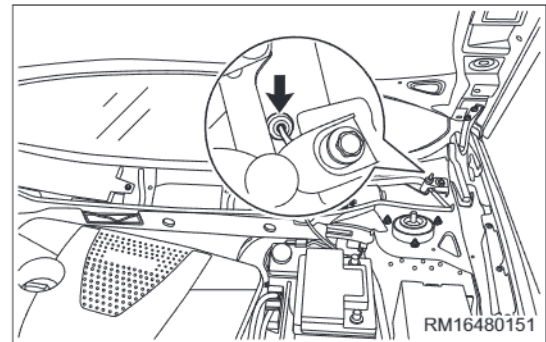
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing hood cable assembly.
- Try to prevent interior and body paint surface from being scratched, when removing hood cable assembly.

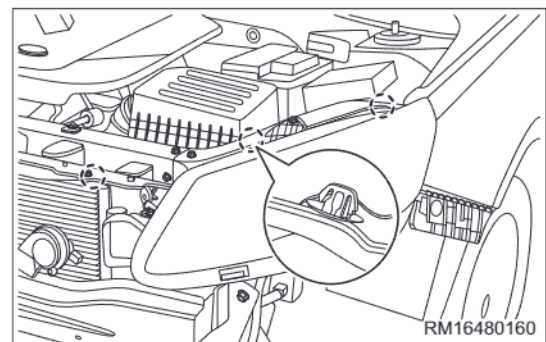
1. Turn off all electrical equipment and the ignition switch.
2. Disconnect the negative battery cable.
3. Remove the front bumper assembly (See page 49-8).
4. Remove the engine hood lock assembly (See page 38-52).
5. Remove the A-pillar lower protector assembly (See page 50-17).
6. Remove the front windshield lower garnish assembly (See page 49-33).
7. Remove the hood cable assembly.
 - a. Disengage the hood cable assembly (1) from hood grip drive block (2).



- b. Using a screwdriver wrapped with protective tape, pry up the rubber cushion (arrow).



- c. Disengage the clips from hood cable assembly, and remove the hood cable assembly.



Installation

Installation is in the reverse order of removal.

CAUTION

- After installing hood cable assembly, make sure that hood can be opened smoothly without seizing.

Hood Support Rod

Removal

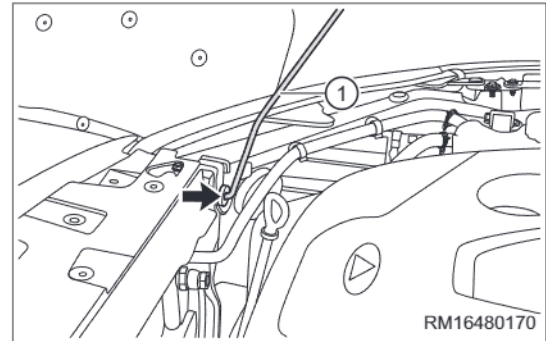
WARNING

- When removing hood support rod, an assistant is needed to hold hood. Try to prevent hood from dropping or suddenly closing to cause accidents during operation.

CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing hood support rod.
- Try to prevent body paint surface from being scratched, when removing hood support rod.
- When removing hood support rod, try to prevent hood from dropping, otherwise, body may be damaged.

1. Remove the hood support rod.
 - a. Using a screwdriver wrapped with protective tape, pry out the rubber cushion (arrow), and remove the hood support rod (1).



Installation

Installation is in the reverse order of removal.

Front Door Inner Protector Assembly

Removal

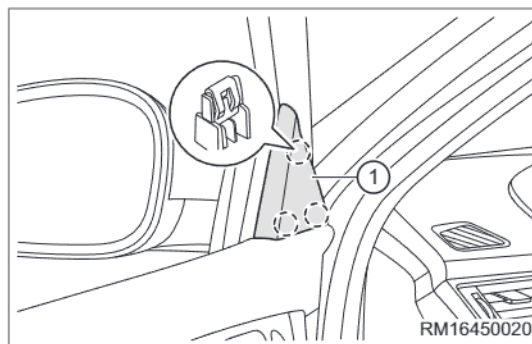
HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

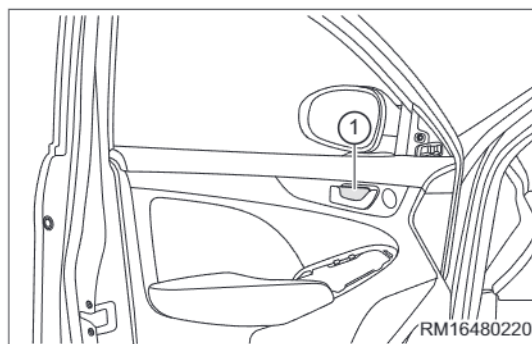
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing front door inner protector assembly.
- Try to prevent front door inner protector surface from being damaged, when removing front door inner protector assembly.

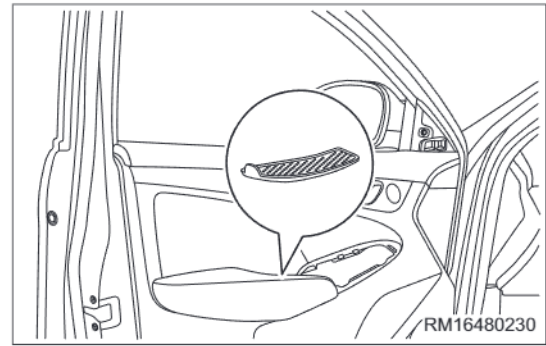
1. Turn off all electrical equipment and the ignition switch.
2. Disconnect the negative battery cable.
3. Remove the power glass regulating control master switch ([See page 44-48](#)).
4. Remove the left outside rear view mirror inner triangular block.
 - a. Using a screwdriver wrapped with protective tape, pry up the clips on outside rear view mirror inner triangular block, and remove the left outside rear view mirror inner triangular block (1).



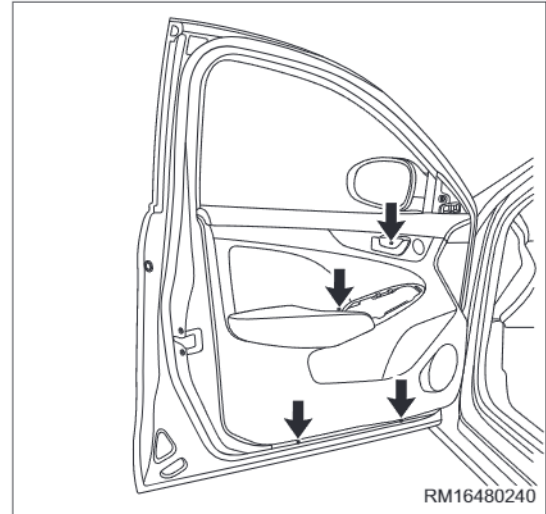
5. Remove the front left door inside handle screw block cover.
 - a. Using a screwdriver wrapped with protective tape, pry up the front left door inside handle screw block cover (1).



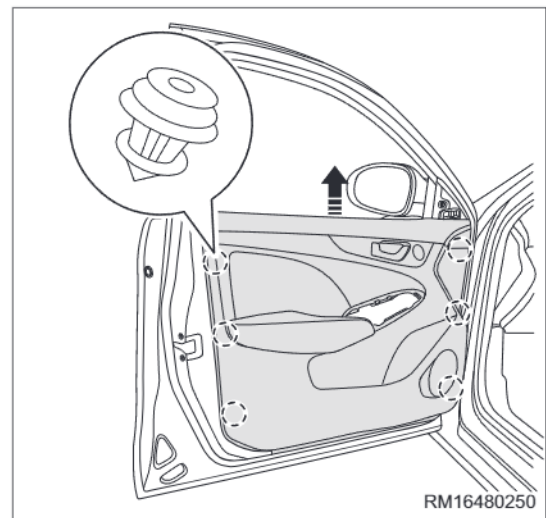
6. Remove the front left door inside handle trim cover gasket.



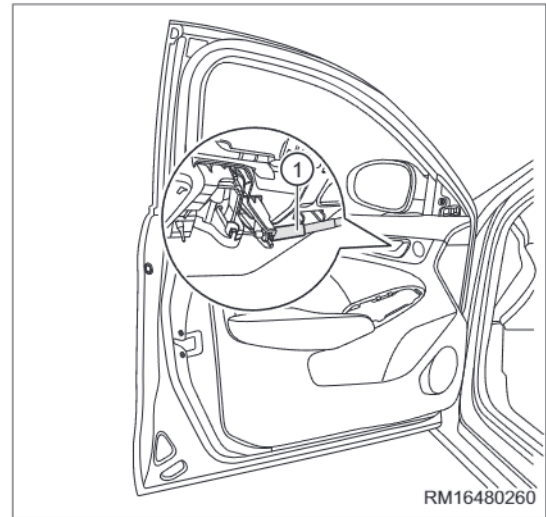
7. Remove the front left door inner protector assembly.
- a. Remove 4 fixing screws (arrow) from front door inner protector assembly.
(Tightening torque: 1.5 ± 0.5 N·m)



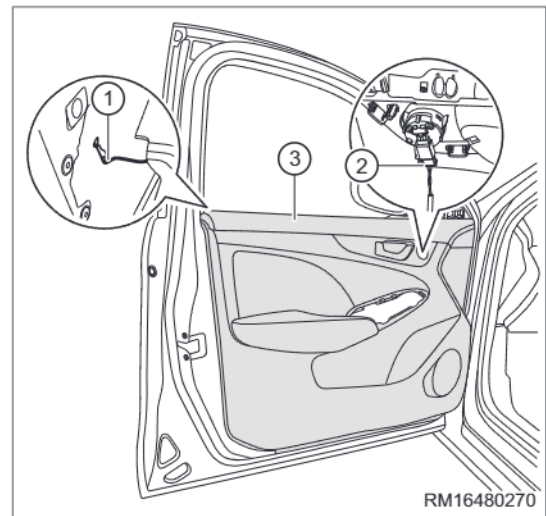
- b. Using an interior crow plate, pry up the clips on front door inner protector assembly, and loosen the front door inner protector assembly in direction of arrow.



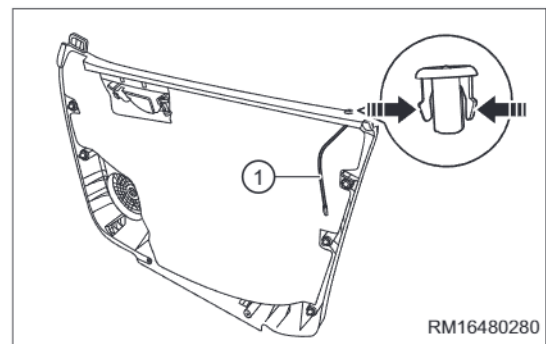
- c. Disengage the front door inside handle cable (1) from front door inside handle.



- d. Disconnect the anti-theft indicator connector (1) (for left side).
- e. Disconnect the tweeter connector (2).
- f. Remove the front left door inner protector assembly (3).

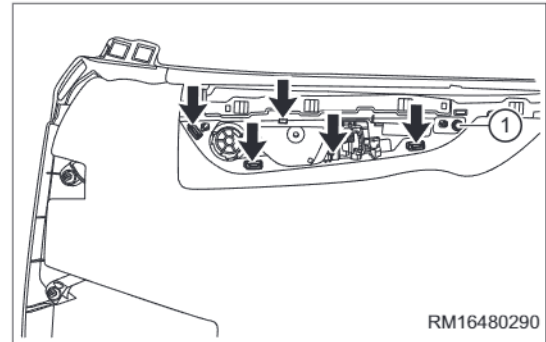


- 8. Remove the tweeter assembly ([See page 40-40](#)).
- 9. Remove the anti-theft indicator.
 - a. As shown in illustration, press the claws (arrow) on anti-theft indicator, and remove the anti-theft indicator (1).



10. Remove the front door inside handle.

- a. Remove the fixing screw (1) from front door inside handle.
(Tightening torque: $1.5 \pm 0.5 \text{ N}\cdot\text{m}$)
- b. Using a screwdriver wrapped with protective tape, pry up the claws (arrow) on front door inside handle, and remove the front door inside handle.



Installation

Installation is in the reverse order of removal.

CAUTION

- Replace damaged clips and install front door inner protector assembly in place, when installing front door inner protector assembly.
- Install connectors in place, when installing front door inner protector assembly.
- Check that each function can operate properly, after installing front door inner protector assembly.

Front Door Assembly

Removal

HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

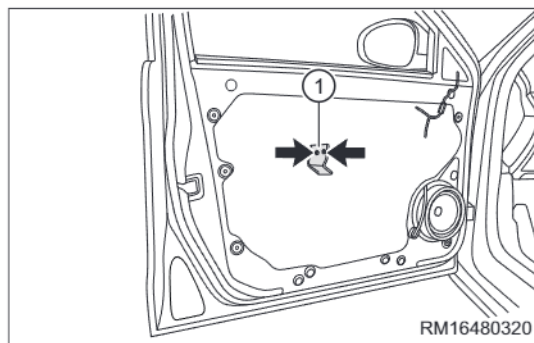
⚠ WARNING

- When removing front door assembly, an assistant is needed to hold front door, to prevent front door from dropping to cause accidents during operation.

👁 CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing front door assembly.
- Try to prevent body paint surface from being scratched, when removing front door assembly.

1. Turn off all electrical equipment and the ignition switch.
2. Disconnect the negative battery cable.
3. Remove the front left door inner protector assembly ([See page 48-22](#)).
4. Remove the front left door metal bracket.
 - a. Remove 2 fixing bolts (arrow) from front door metal bracket, and remove the front side door metal bracket (1).
(Tightening torque: $5 \pm 1 \text{ N}\cdot\text{m}$)

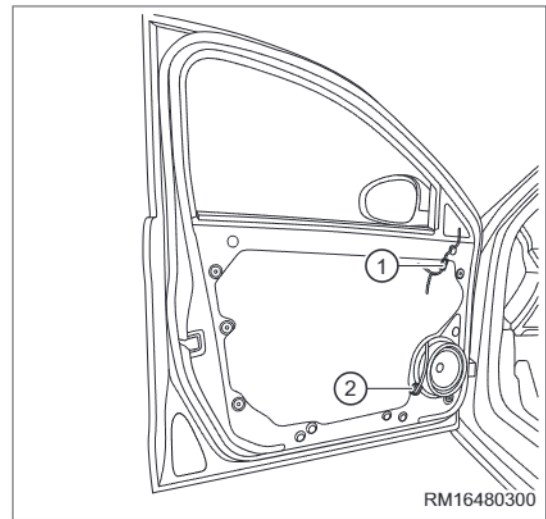


5. Remove the front left door protective film assembly.

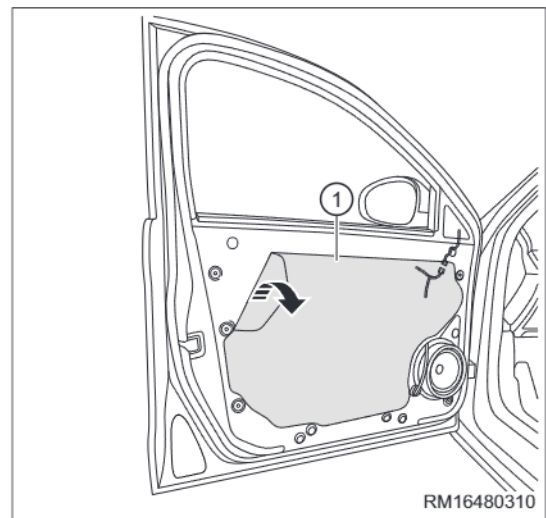
👁 CAUTION

- Try to prevent front door protective film from being damaged, when removing front door protective film assembly.
- Place front door protective film assembly properly after removal, and avoid adhesive sticker on front door protective film assembly from sticking to other components.

- a. Disconnect the outside rear view mirror connector (1).
- b. Disconnect the full-range speaker connector (2).

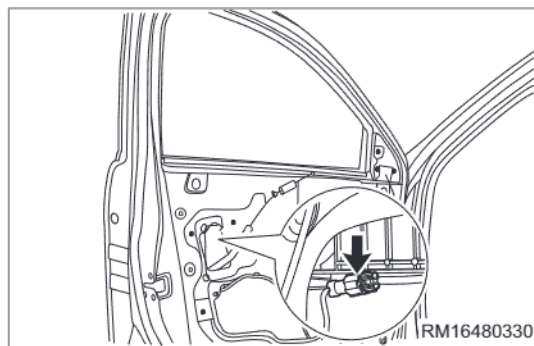


- c. As shown in illustration, remove the front left door protective film assembly (1) by gently peeling it along edges from one corner of front left door protective film assembly.

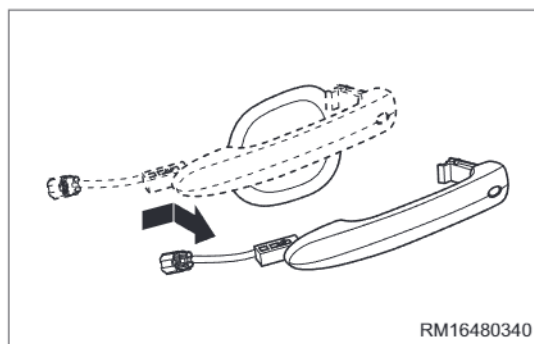


6. Remove the front left door full-range speaker assembly ([See page 40-41](#)).
7. Remove the left outside rear view mirror assembly ([See page 45-18](#)).
8. Remove the front left door weather bar ([See page 44-51](#)).
9. Remove the front door glass upper run ([See page 44-52](#)).
10. Remove the front door glass rear guide rail assembly ([See page 44-56](#)).
11. Remove the front door glass assembly ([See page 44-54](#)).
12. Remove the front door power glass regulator ([See page 44-58](#)).
13. Remove the front left door lock assembly ([See page 38-53](#)).
14. Remove the front left door key cylinder assembly ([See page 38-56](#)).
15. Remove the front left door outside handle.

- a. Disconnect the front door handle sensor connector (arrow).

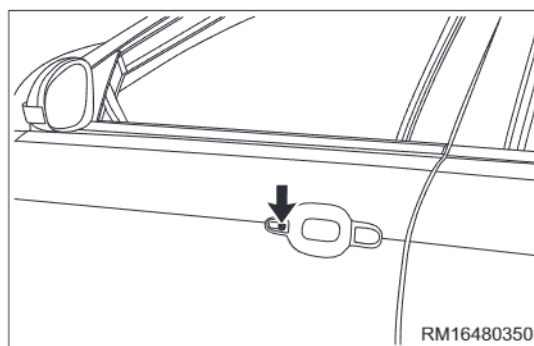


- b. Slide and pull the front door outside handle in direction of arrow, and remove it.

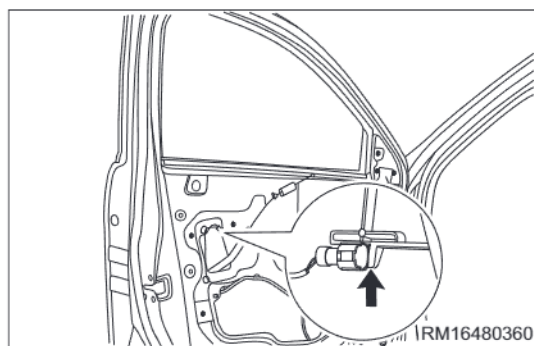


16. Remove the front left door outside handle base assembly.

- a. Remove the fixing screw (arrow) from front door outside handle base assembly. (Tightening torque: 7 ± 1 N·m)



- b. Disengage the clip (arrow) on wire harness connector, and remove the front left door outside handle base assembly.

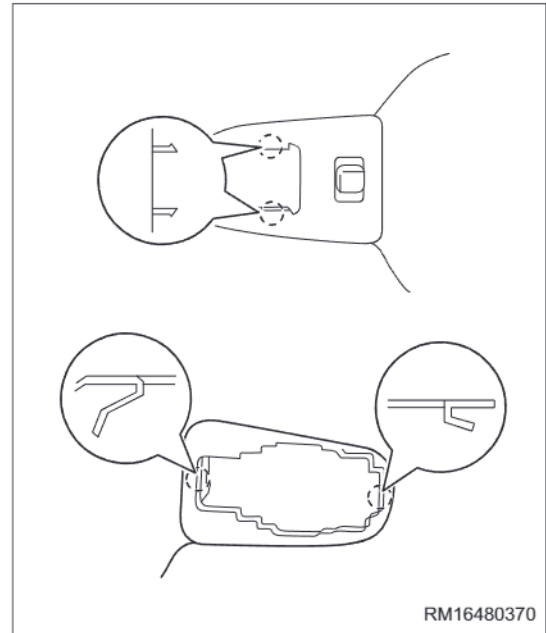


17. Remove the front left door outside handle front shim.

- a. Disengage the claws on front door outside handle front shim, and remove the front left door outside handle front shim.

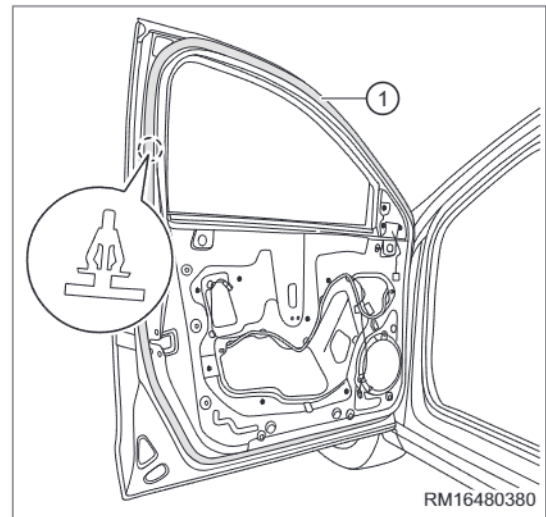
18. Remove the front left door outside handle rear shim.

- a. Disengage the claws on front door outside handle rear shim, and remove the front left door outside handle rear shim.



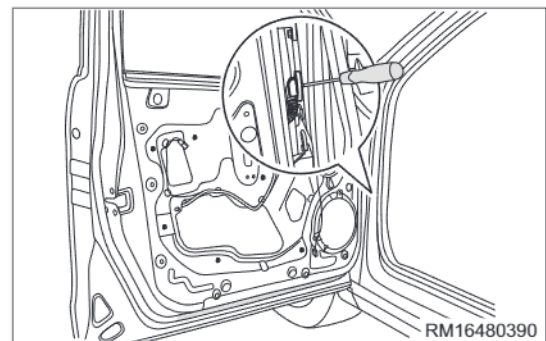
19. Remove the front left door frame weatherstrip.

- a. Disengage the clips on front door frame weatherstrip, and remove the front left door frame weatherstrip (1).

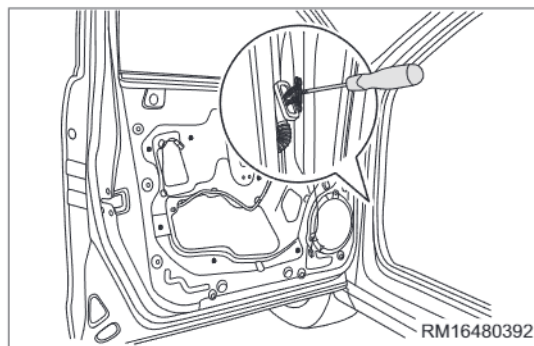


20. Disconnect the front left door connector.

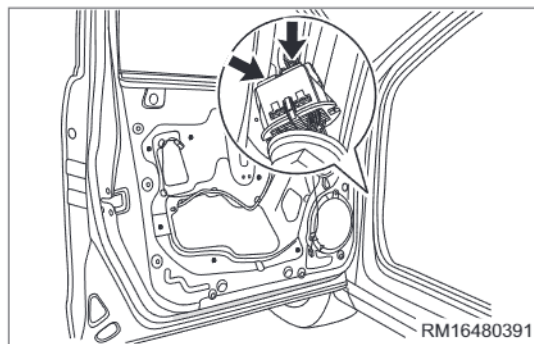
- a. Using a screwdriver wrapped with protective tape, pry up the front door dust boot.



- b. Using a screwdriver wrapped with protective tape, pry up the claws on connector.

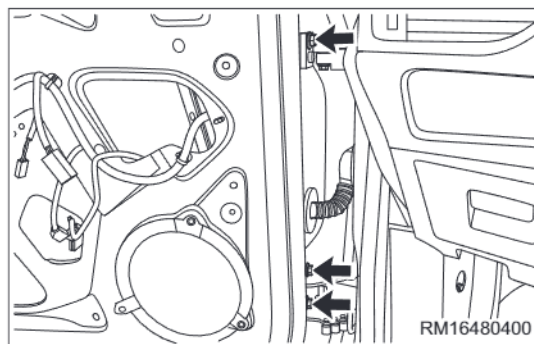


- c. Disconnect the front left door connectors (arrow).



21. Remove the front left door assembly.

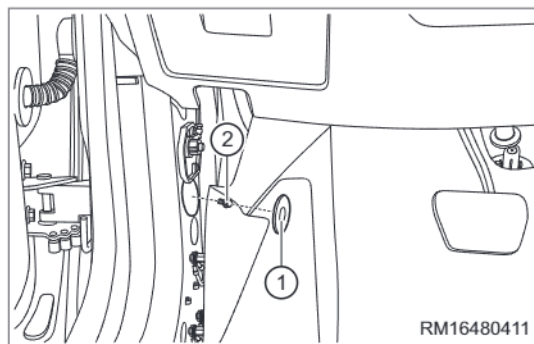
- a. Remove 3 fixing bolts (arrow) between front door hinge assembly and front door assembly. (Tightening torque: 55 ± 5 N·m)



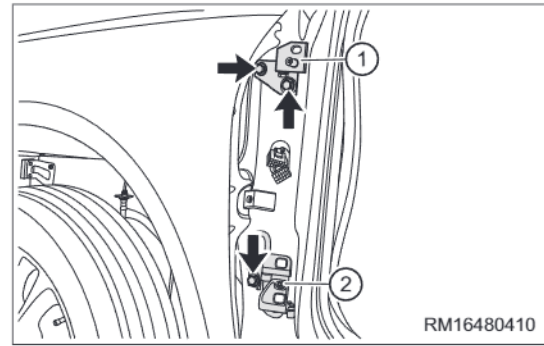
- b. Remove the front left door assembly.

22. Remove the front left door hinge assembly.

- a. Using a screwdriver wrapped with protective tape, pry up the rubber cover plug (1).
- b. Remove the fixing bolt (2) between front door hinge assembly and inner part of body. (Tightening torque: 55 ± 5 N·m)



- c. Remove 3 fixing bolts (arrow) between front door hinge assembly and body.
(Tightening torque: 55 ± 5 N·m)
- d. Remove the front door upper hinge assembly (1) and front door lower hinge assembly (2).



Installation

Installation is in the reverse order of removal.

⚠ WARNING

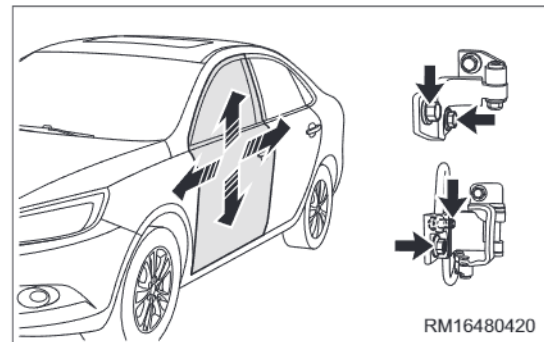
- Be sure to wear safety equipment to prevent accidents, when installing front door assembly.
- When installing front door assembly, an assistant is needed to hold front door, to prevent front door from dropping to cause accidents during operation.

👁 CAUTION

- Replace damaged clips and install front door inner protector in place, when installing front door inner protector.
- Stick protective film in specified position, not in a wrong position or an asymmetric position between left and right sides or cover the mounting holes of other installation parts.
- DO NOT drag protective film when sticking. It should be installed under its original condition and ensure sheet metal is clean before installation.
- Finished protective film should have no defects, such as wrinkles, bubbles or turnups.
- Finished protective film should have powerful adherence. Protective film sticking should be finished at one time. Avoid repeat sticking.

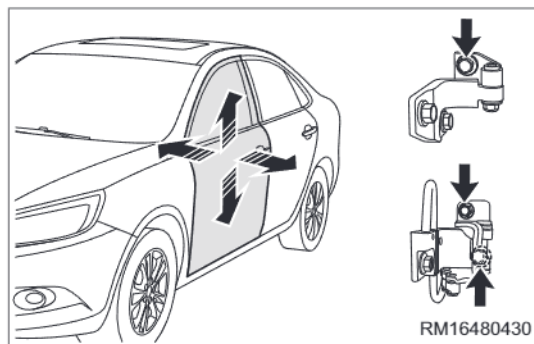
Adjustment

1. Adjust the front door assembly.
 - a. Loosen the fixing bolts on front door hinge assembly, and adjust the front door assembly position in direction of arrow.

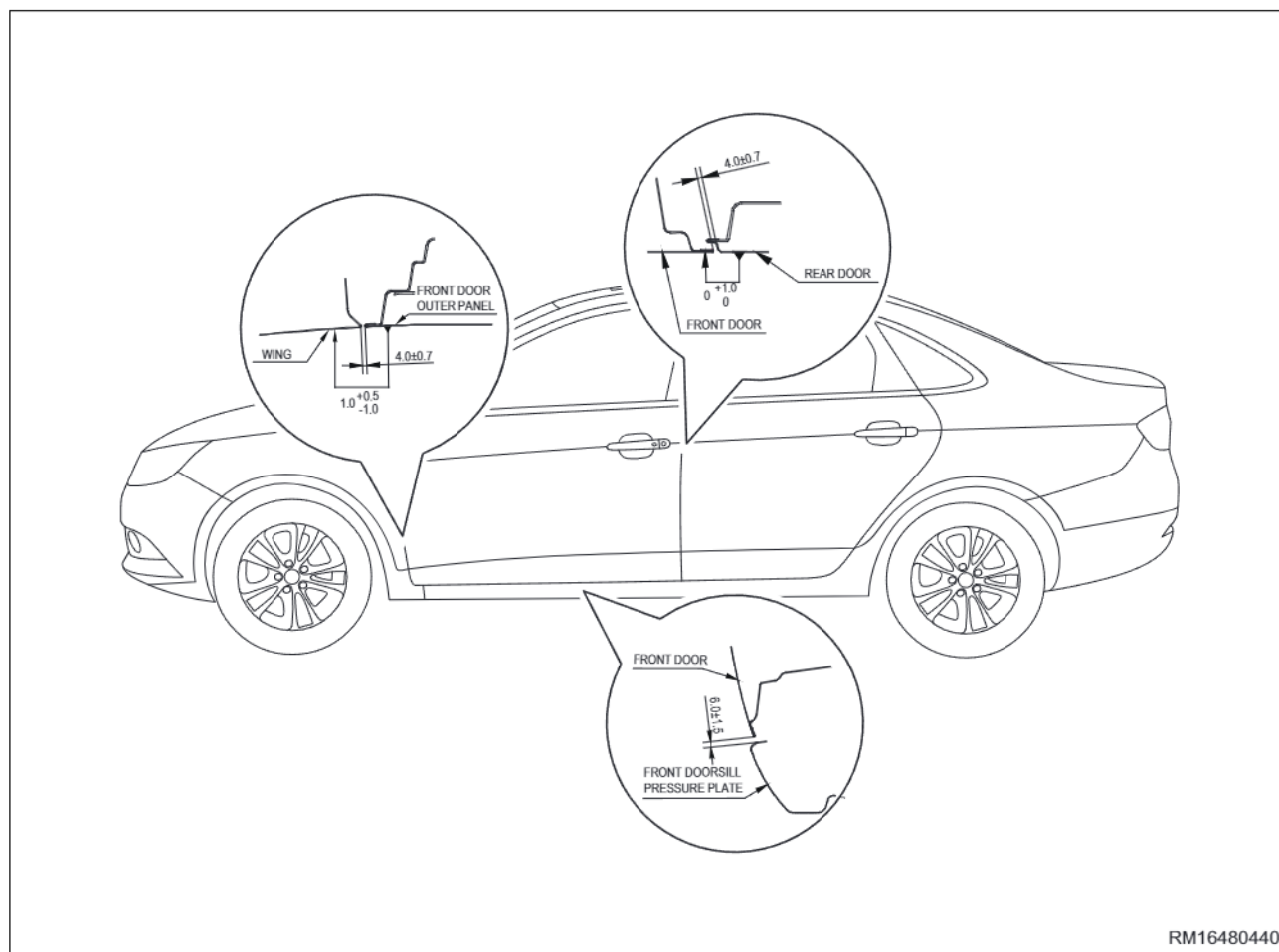


- b. Tighten the fixing bolts on front door hinge assembly to specified torque after adjustment.
(Tightening torque: 55 ± 5 N·m)

- c. Loosen the fixing bolts on front door hinge assembly, and adjust the front door assembly position in direction of arrow.

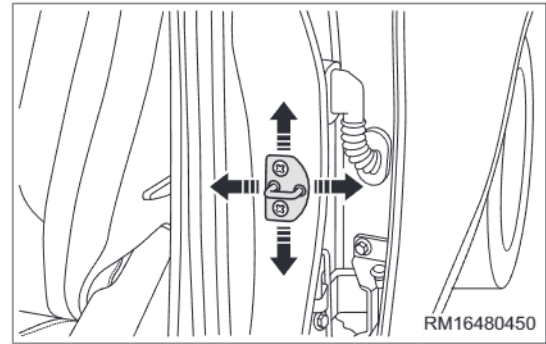


- d. Tighten the fixing bolts on front door hinge assembly to specified torque after adjustment.
(Tightening torque: 55 ± 5 N·m)
- e. Standard ranges of clearance and alignment between installation positions of front door assembly and each part are as follows:



- f. After adjustment, make sure that alignment between front door assembly and rear door assembly is within the standard range.
Standard alignment: $0^{+1.0}_{-0}$ mm
- g. After adjustment, make sure alignment between front door assembly and front wing assembly is within the standard range.
Standard alignment: $1.0^{+1.0}_{-1.0}$ mm

2. Adjust the front door lock striker.
 - a. Slightly loosen the fixing screws on front door lock striker and tap it with a plastic hammer in direction of arrow to adjust the lock striker position.



- b. Tighten the fixing screws on front door lock striker to specified torque after adjustment.
(Tightening torque: 23 ± 1 N·m)

Inspection

After front door assembly is adjusted, perform inspection as follows:

1. Check front door assembly for wear or deformation during installation, and repair as necessary.
2. Check if fixing bolts and fixing screws are set in position. Tighten them to specified torque as necessary.
3. Check if clearance and alignment between front door assembly installation position and each part are within the specified range. Adjust as necessary.

Rear Door Inner Protector Assembly

Removal

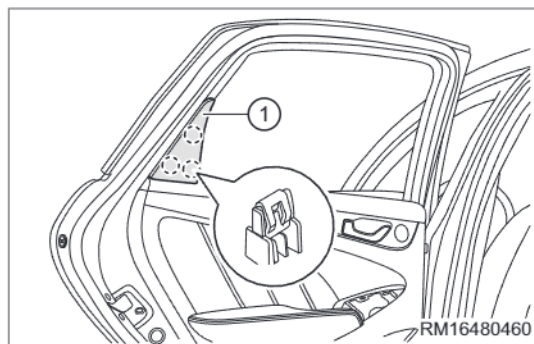
HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

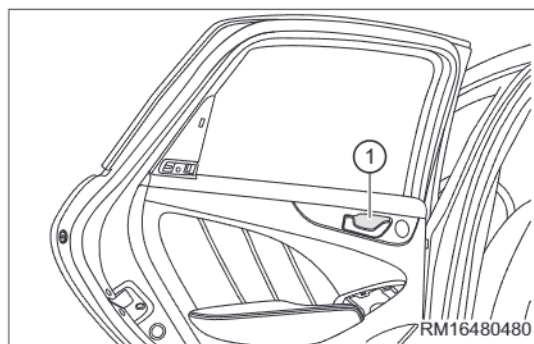
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing rear door inner protector assembly.
- Try to prevent rear door inner protector surface from being damaged, when removing rear door inner protector assembly.

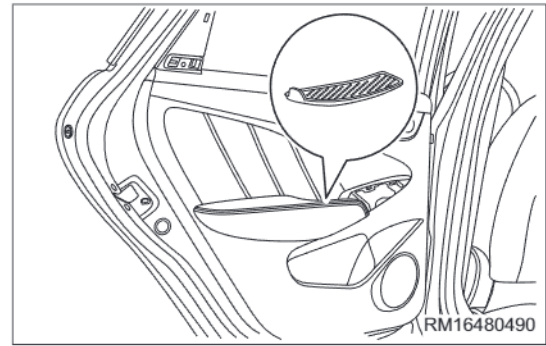
1. Turn off all electrical equipment and the ignition switch.
2. Disconnect the negative battery cable.
3. Remove the left power glass regulator switch ([See page 44-60](#)).
4. Remove the rear left door inner triangular block.
 - a. Using a screwdriver wrapped with protective tape, pry up the clips on rear door inner triangular block, and remove the rear left door inner triangular block (1).



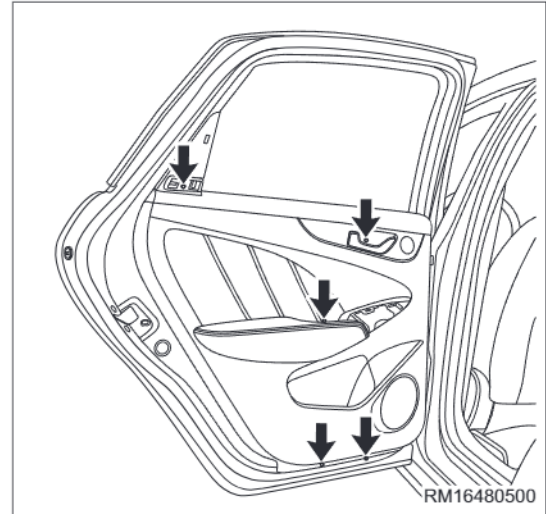
5. Remove the rear left door inside handle screw block cover.
 - a. Using a screwdriver wrapped with protective tape, pry up the rear left door inside handle screw block cover (1).



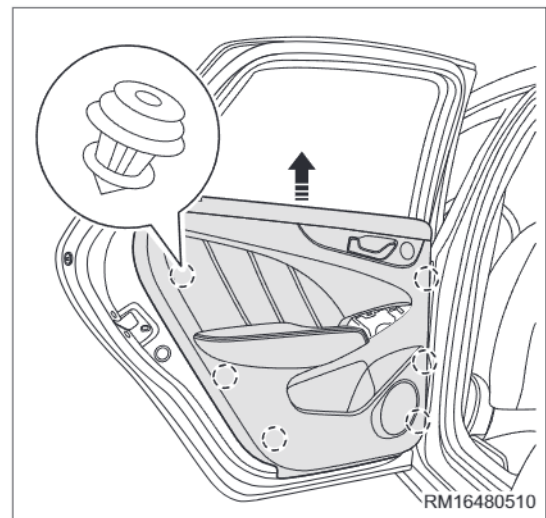
6. Remove the rear left door inside handle trim cover gasket.



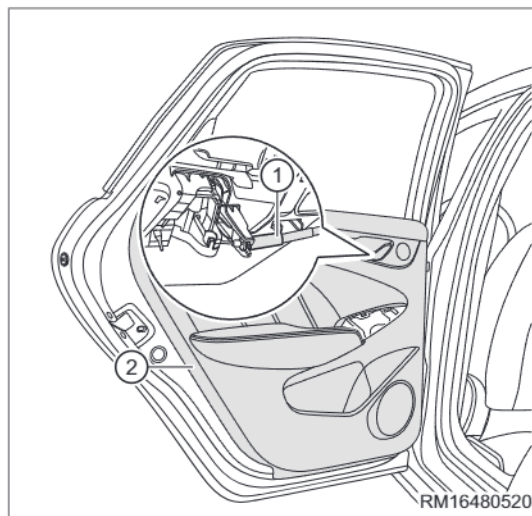
7. Remove the rear left door inner protector assembly.
- Remove 5 fixing screws (arrow) from rear left door inner protector assembly.
(Tightening torque: 1.5 ± 0.5 N·m)



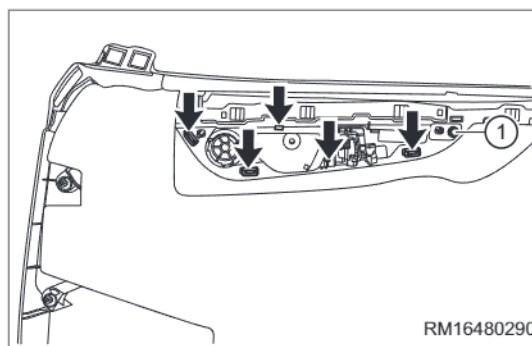
- Using an interior crow plate, pry up the clips on rear left door inner protector assembly, and loosen the rear left door inner protector assembly in direction of arrow.



- c. Disengage the rear left door inside handle cable (1) from rear left door inside handle.
- d. Remove the rear left door inner protector assembly (2).



8. Remove the rear left door inside handle.
 - a. Remove the fixing screw (1) from rear left door inside handle.
(Tightening torque: $1.5 \pm 0.5 \text{ N}\cdot\text{m}$)
 - b. Using a screwdriver wrapped with protective tape, pry up the claws (arrow) on rear left door inside handle, and remove the rear left door inside handle.



Installation

Installation is in the reverse order of removal.

CAUTION

- Replace damaged clips and install rear door inner protector assembly in place, when installing rear door inner protector assembly.
- Check that inside handle assembly can be used normally, after installing rear door inner protector assembly.

Rear Door Assembly

Removal

HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

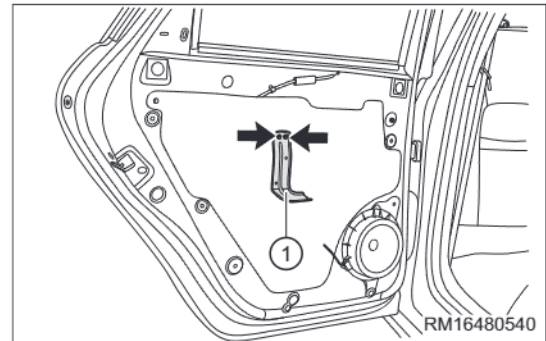
WARNING

- When removing rear door assembly, an assistant is needed to hold rear door, to prevent rear door from dropping to cause accidents during operation.

CAUTION

- Be sure to wear safety equipment to prevent accidents, when installing rear door assembly.
- Try to prevent body paint surface from being scratched, when removing rear door assembly.

1. Turn off all electrical equipment and the ignition switch.
2. Disconnect the negative battery cable.
3. Remove the rear left door inner protector assembly ([See page 48-34](#)).
4. Remove the rear left door metal bracket.
 - a. Remove 2 fixing bolts (arrow) from rear left door metal bracket, and remove the rear left door metal bracket (1).
(Tightening torque: $5 \pm 1 \text{ N}\cdot\text{m}$)

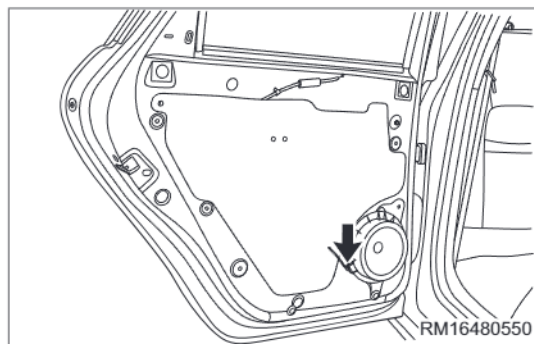


5. Remove the rear left door protective film assembly.

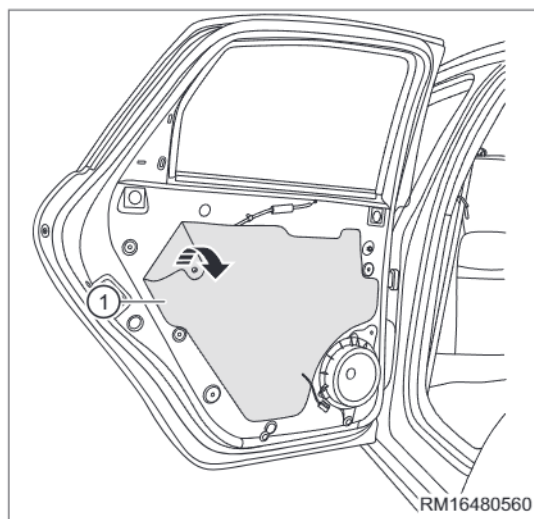
CAUTION

- Try to prevent rear door protective film from being damaged, when removing rear door protective film assembly.
- Place rear door protective film assembly properly after removal, and avoid adhesive sticker on rear door protective film assembly from sticking to other components.

- a. Disconnect the full-range speaker connector (arrow).

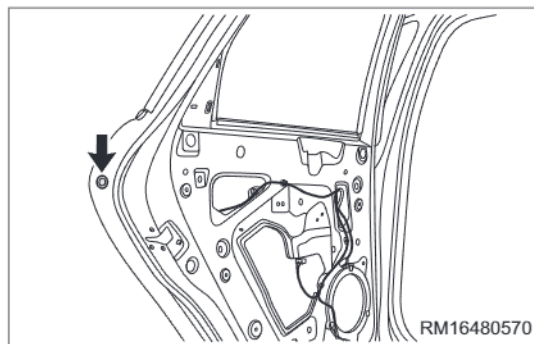


- b. As shown in illustration, remove the rear left door protective film assembly (1) by gently peeling it along edges from one corner of rear left door protective film assembly.

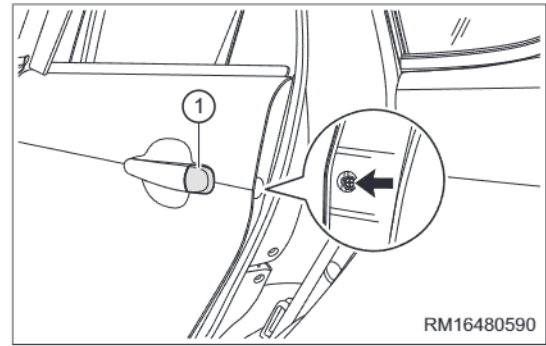


6. Remove the rear left door full-range speaker ([See page 40-41](#)).
7. Remove the rear left door weather bar ([See page 44-62](#)).
8. Remove the rear door glass upper Run ([See page 44-63](#)).
9. Remove the rear door glass guide rail assembly ([See page 44-67](#)).
10. Remove the rear door glass assembly ([See page 44-65](#)).
11. Remove the rear door power glass regulator ([See page 44-69](#)).
12. Remove the rear left door lock assembly ([See page 38-59](#)).
13. Remove the rear left door outside handle cover.

- a. Remove the rear left door outside handle cover plug (arrow).



- b. Loosen the fixing screw (arrow) on rear left door outside handle cover, and remove the rear left door outside handle cover (1).
(Tightening torque: 7 ± 1 N·m)

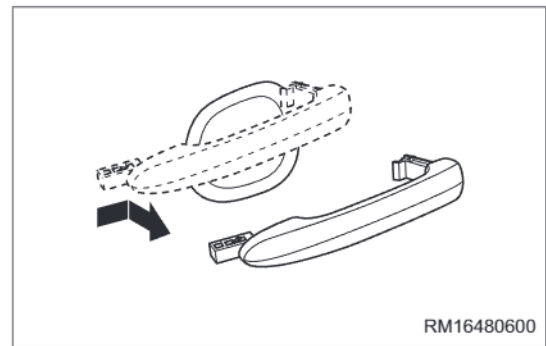


HINT:

It is unnecessary to remove the fixing screw from rear door outside handle cover, because fixing screw is integrated with rear left door handle base.

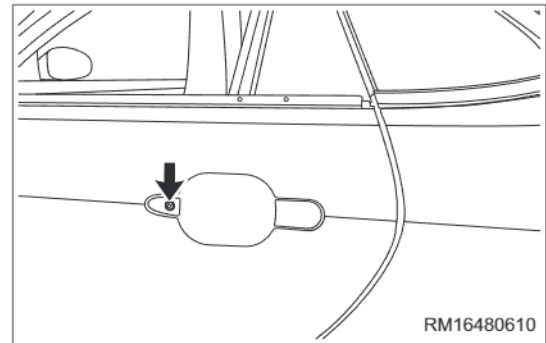
14. Remove the rear left door outside handle.

- a. Slide and pull the rear door outside handle in direction of arrow, and remove it.



15. Remove the rear left door outside handle base assembly.

- a. Remove the fixing screw (arrow) from rear left door outside handle base assembly, and remove the rear left door outside handle base assembly.
(Tightening torque: 7 ± 1 N·m)

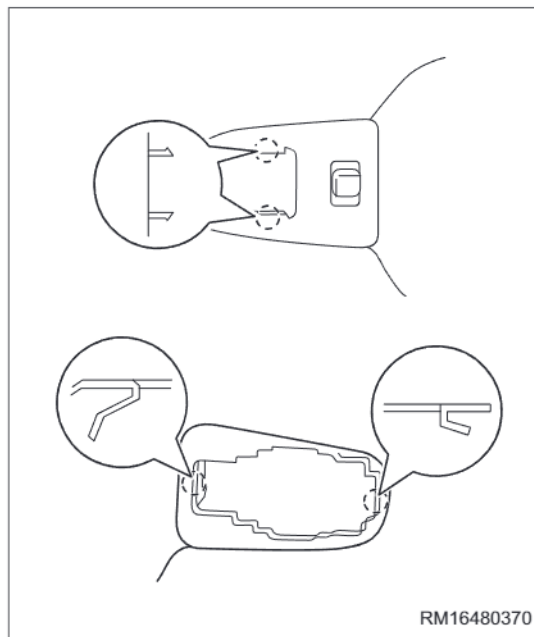


16. Remove the rear left door outside handle front shim.

- a. Disengage the claws on rear left door outside handle front shim, and remove the rear left door outside handle front shim.

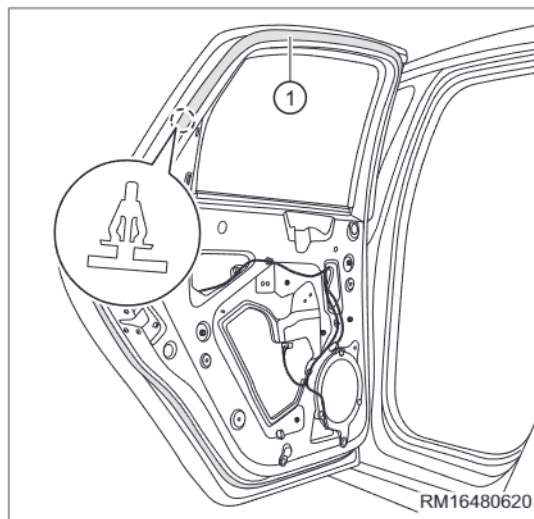
17. Remove the rear left door outside handle rear shim.

- a. Disengage the claws on rear left door outside handle rear shim, and remove the rear left door outside handle rear shim.



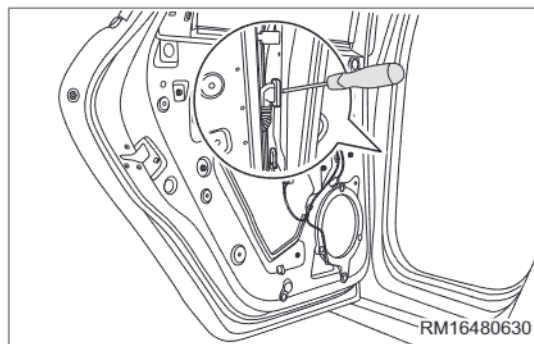
18. Remove the rear left door frame weatherstrip.

- a. Disengage the clips on rear left door frame weatherstrip, and remove the rear left door frame weatherstrip (1).

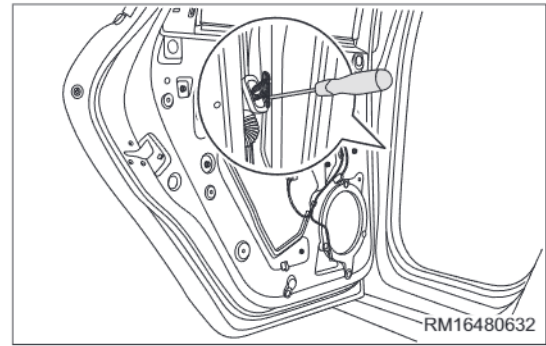


19. Disconnect the rear left door connector.

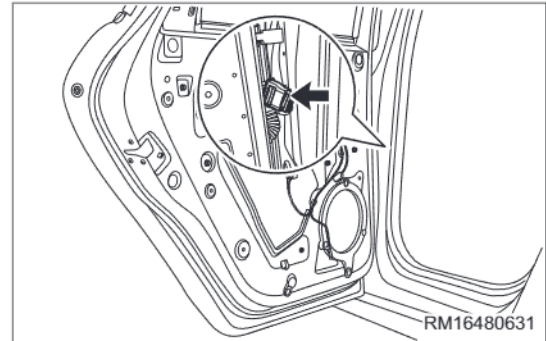
- a. Using a screwdriver wrapped with protective tape, pry up the rear left door dust boot.



- b. Using a screwdriver wrapped with protective tape, pry up the claws on connector.

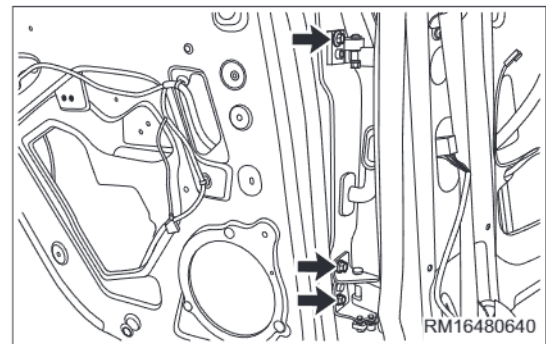


- c. Disconnect the rear left door connector (arrow).



20. Remove the rear left door assembly.

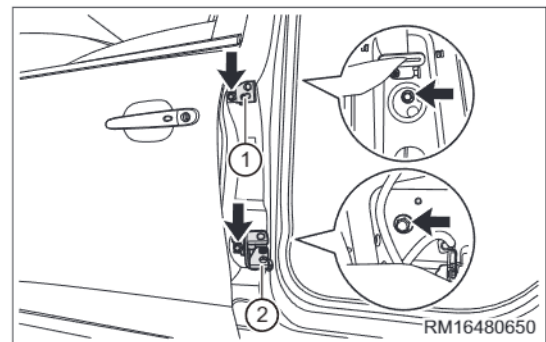
- a. Remove 3 fixing bolts (arrow) between rear left door hinge assembly and rear left door assembly.
(Tightening torque: 55 ± 5 N·m)



- b. Remove the rear left door assembly.

21. Remove the rear left door hinge assembly.

- a. Remove the B-pillar lower protector assembly ([See page 50-19](#)).
b. Remove 4 fixing bolts (arrow) between rear left door hinge assembly and body.
(Tightening torque: 55 ± 5 N·m)
c. Remove the rear left door upper hinge assembly (1) and rear left door lower hinge assembly (2).



Installation

Installation is in the reverse order of removal.

⚠ WARNING

- Be sure to wear safety equipment to prevent accidents, when installing rear door assembly.
- When installing rear door assembly, an assistant is needed to hold rear door, to prevent rear door from dropping to cause accidents during operation.

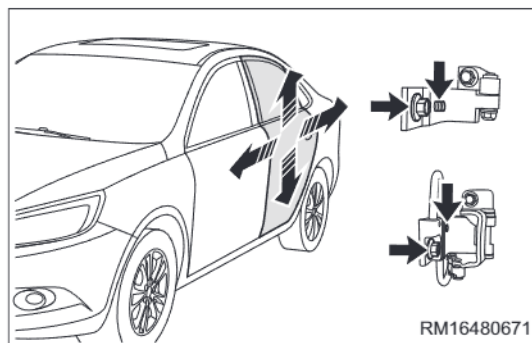
👁 CAUTION

- Replace damaged clips and install rear door inner protector in place, when installing rear door inner protector.
- Stick protective film in specified position, not in a wrong position or an asymmetric position between left and right sides or cover the mounting holes of other installation parts.
- DO NOT drag protective film when sticking. It should be installed under its original condition and ensure sheet metal is clean before installation.
- Finished protective film should have no defects, such as wrinkles, bubbles or turnups.
- Finished protective film should have powerful adherence. Protective film sticking should be finished at one time. Avoid repeat sticking.

Adjustment

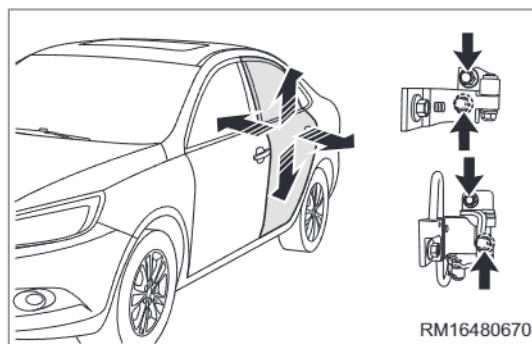
1. Adjust the rear door assembly.

- Loosen the fixing bolts on rear door hinge assembly and adjust the rear door assembly position in direction of arrow.



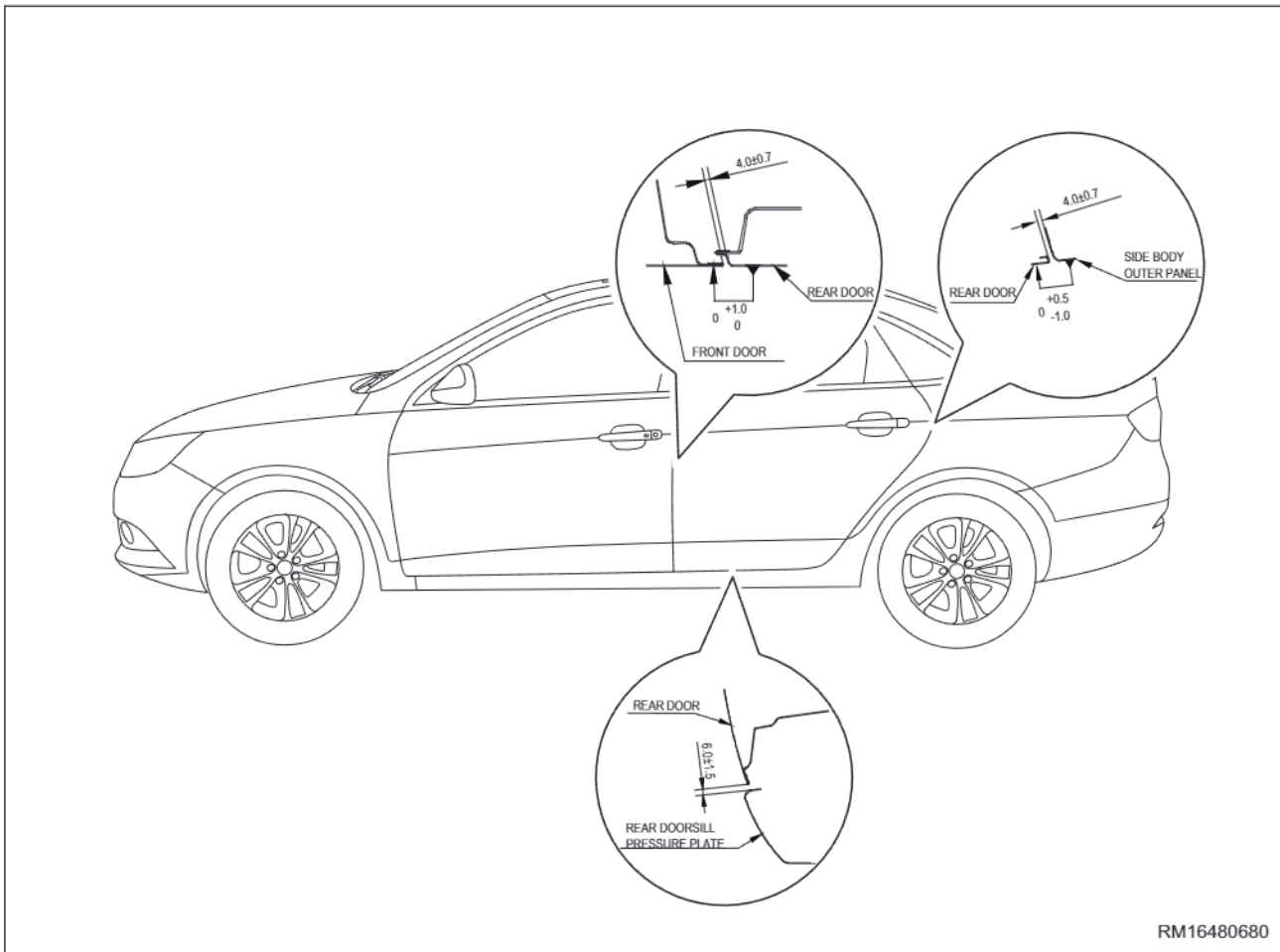
- Tighten the fixing bolts on rear door hinge assembly to specified torque after adjustment.
(Tightening torque: 55 ± 5 N·m)

- Loosen the fixing bolts on rear door hinge assembly and adjust the rear door assembly position in direction of arrow.



- Tighten the fixing bolts on rear door hinge assembly to specified torque after adjustment.
(Tightening torque: 55 ± 5 N·m)

- e. Standard ranges of clearance between installation position of rear door assembly and each part are as follows:



- f. After adjustment, make sure that alignment between rear door assembly and front door assembly is within the standard range.

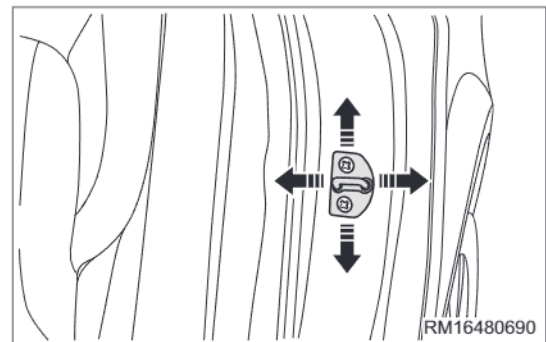
Standard alignment: $0^{+1.0}_0$ mm

- g. After adjustment, make sure that alignment between rear door assembly and body outer panel is within the standard range.

Standard alignment: $0^{+0.5}_{-1.0}$ mm

2. Adjust the rear left door lock striker assembly.

- a. Slightly loosen the fixing screws on rear door lock striker and tap it with a plastic hammer in direction of arrow to adjust the striker position.



- b. Tighten the fixing screws on rear door lock striker assembly to specified torque after adjustment.
(Tightening torque: 23 ± 1 N·m)

Inspection

After rear left door assembly is adjusted, perform inspection as follows:

1. Check rear door assembly for wear or deformation during installation, and repair as necessary.
2. Check if fixing bolts and fixing screws are set in position. Tighten them to specified torque as necessary.
3. Check if clearance and alignment between rear door assembly installation position and each part are within the specified range. Adjust as necessary.

Luggage Compartment Door Assembly

Removal

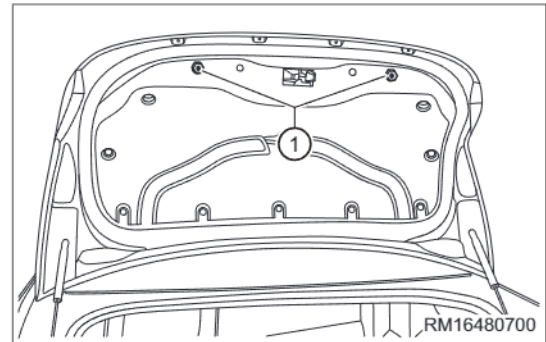
WARNING

- When removing luggage compartment door assembly, an assistant is needed to hold luggage compartment door. Try to prevent luggage compartment door from dropping or suddenly closing to cause accidents during operation.

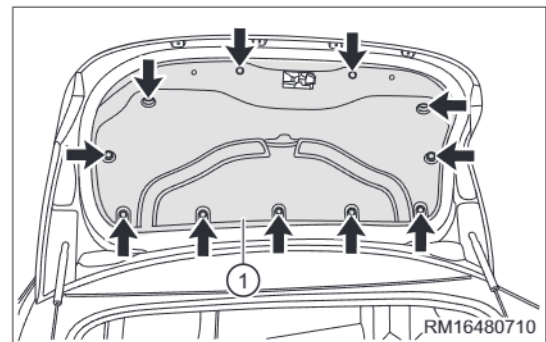
CAUTION

- Be sure to wear safety equipment, when removing luggage compartment door assembly.
- Try to prevent body paint surface from being scratched, when removing luggage compartment door assembly.

- Turn off all electrical equipment and the ignition switch.
- Disconnect the negative battery cable.
- Remove the luggage compartment door adjustment block.
 - Turn the luggage compartment door adjustment blocks counterclockwise, and remove the luggage compartment door adjustment blocks (1).

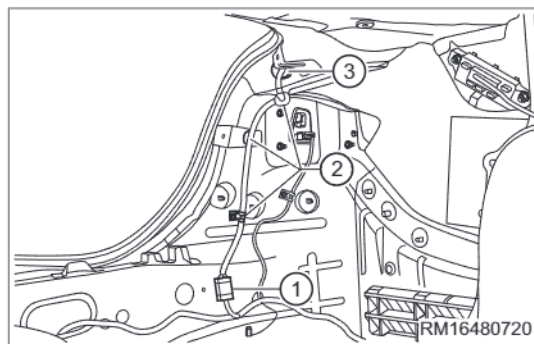


- Remove the luggage compartment door trim board assembly.
 - Remove the plastic clips (arrow) from luggage compartment door trim board assembly, and remove the luggage compartment door trim board assembly (1).

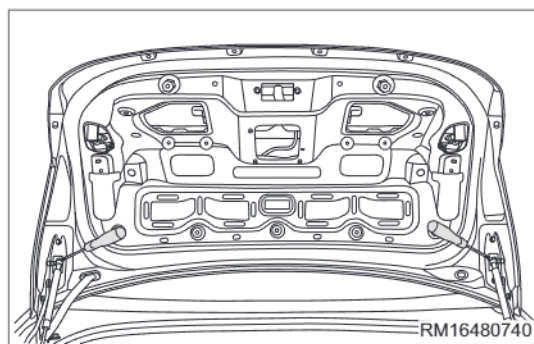


- Remove the luggage compartment door assembly.
 - Remove the luggage compartment wheel house assembly ([See page 50-39](#)).

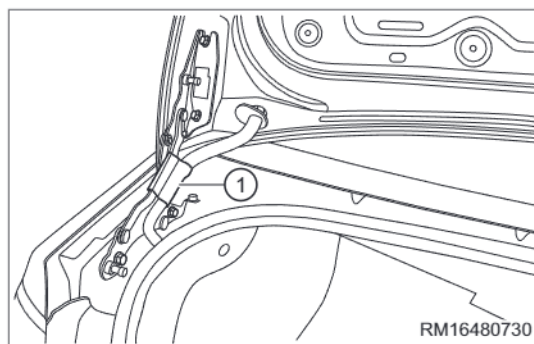
- b. Disconnect the luggage compartment door connector (1).
- c. Disengage the clips (2) from wire harness connector.
- d. Using a screwdriver wrapped with protective tape, pry up the rubber cushion (3).



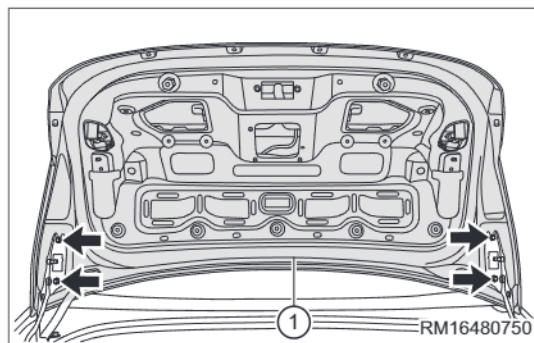
- e. Using a screwdriver wrapped with protective tape, pry up the clips from upper part of luggage compartment door air spring, and loosen the luggage compartment door air spring.



- f. Disengage the clip (1) from wire harness.



- g. Remove 4 fixing bolts (arrow) between luggage compartment door hinge assembly and luggage compartment door assembly, and remove the luggage compartment door assembly (1). (Tightening torque: 25 ± 2 N·m)



Installation

Installation is in the reverse order of removal.

WARNING

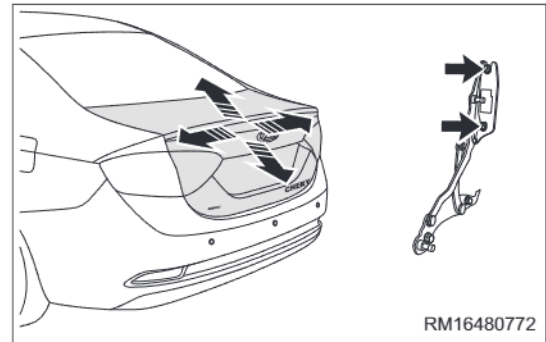
- When installing luggage compartment door assembly, an assistant is needed to hold luggage compartment door, so as to prevent luggage compartment door from dropping or suddenly closing to cause accidents during operation.

CAUTION

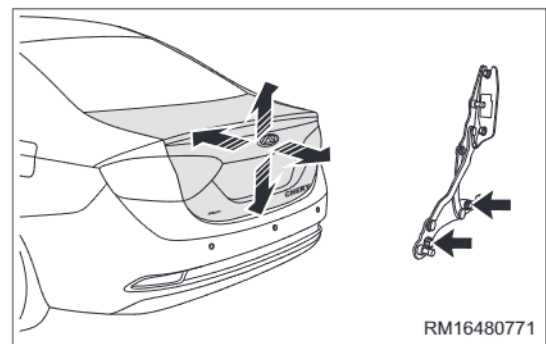
- Be sure to wear safety equipment to prevent accidents, when installing luggage compartment door assembly.
- Try to prevent body paint surface from being scratched, when installing hood assembly.

Adjustment

1. Adjust the luggage compartment door assembly.
 - a. Loosen the fixing bolts on luggage compartment door assembly, and adjust the luggage compartment door assembly position in direction of arrow.

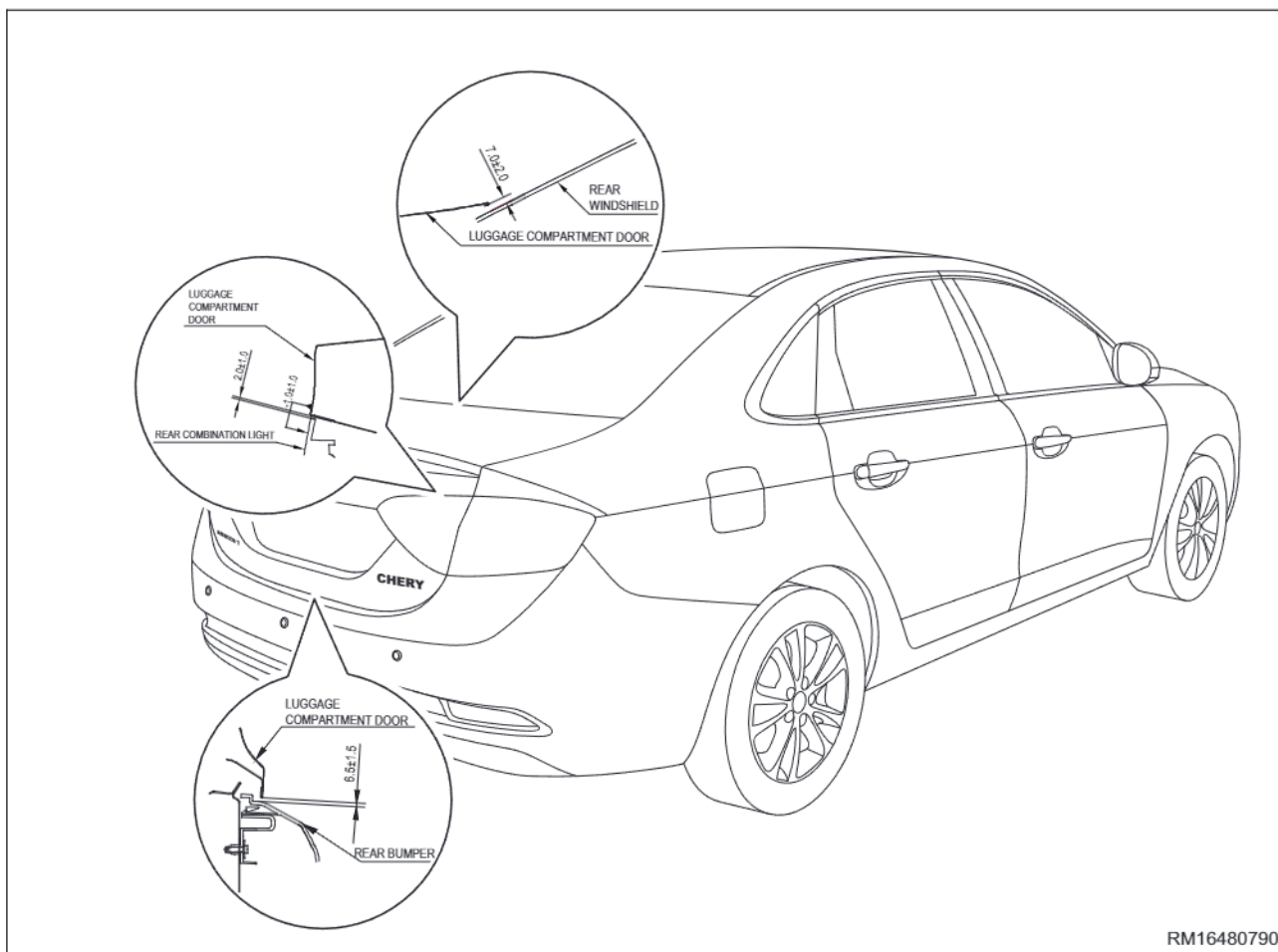


- b. Tighten the fixing bolts on luggage compartment door assembly to specified torque after adjustment. (Tightening torque: 25 ± 2 N·m)
- c. Loosen the fixing bolts on luggage compartment door assembly, and adjust the luggage compartment door assembly position in direction of arrow.



- d. Tighten the fixing bolts on luggage compartment door assembly to specified torque after adjustment. (Tightening torque: 25 ± 2 N·m)

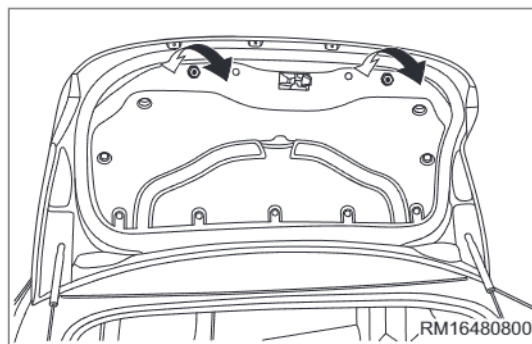
- e. Standard ranges of clearance between installation position of luggage compartment door assembly and each part are as follows:



RM16480790

2. Adjust the height of luggage compartment with luggage compartment adjustment block.

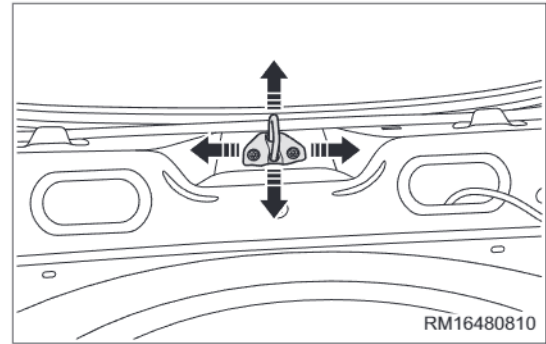
- a. Raise or lower the luggage compartment door by rotating the luggage compartment adjustment blocks clockwise or counterclockwise.



RM16480800

- b. After adjustment, make sure that alignment between luggage compartment door and rear combination light (movable part) is within the standard range.
Standard alignment: -1.0 ± 1.0 mm

3. Adjust the luggage compartment lock striker assembly.
 - a. Slightly loosen the fixing screws on luggage compartment lock striker assembly and tap it with a plastic hammer in direction of arrow to adjust the luggage compartment lock striker assembly position.



- b. Tighten the fixing screws on luggage compartment lock striker assembly to specified torque after adjustment.
(Tightening torque: $23 \pm 1 \text{ N}\cdot\text{m}$)

Inspection

After luggage compartment door assembly is adjusted, perform inspection as follows:

1. Check luggage compartment door for wear or deformation during installation, and repair as necessary.
2. Check if fixing bolts are set in position. Tighten them to specified torque as necessary.
3. Check if clearance and alignment between luggage compartment door assembly installation position and each part are within the specified range. Adjust as necessary.

Luggage Compartment Door Hinge Assembly

Removal

HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

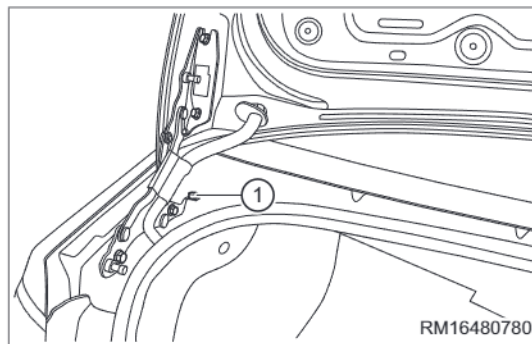
WARNING

- When removing luggage compartment door hinge assembly, an assistant is needed to hold luggage compartment door, so as to prevent luggage compartment door from dropping or suddenly closing to cause accidents during operation.

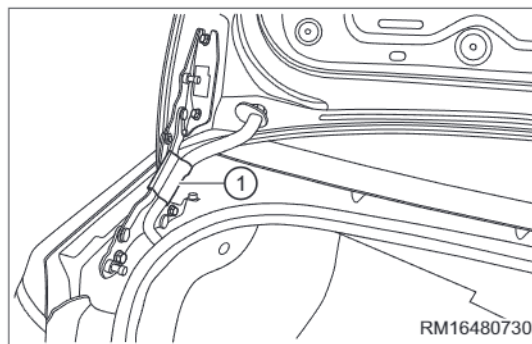
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing luggage compartment door hinge assembly.
- When removing luggage compartment door hinge assembly, try to prevent luggage compartment door from dropping, otherwise, body or front windshield may be damaged.

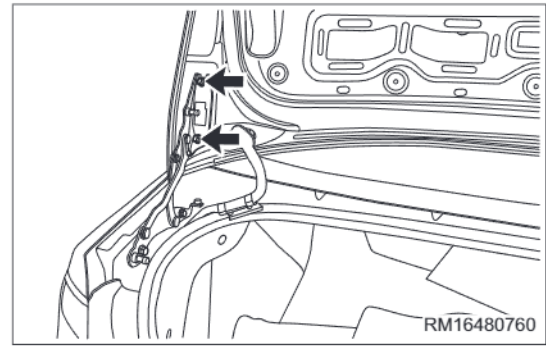
1. Remove the luggage compartment door left air spring ([See page 48-53](#)).
2. Remove the luggage compartment hinge damper block.
 - a. Using a screwdriver wrapped with protective tape, pry up the luggage compartment hinge damper block (1).



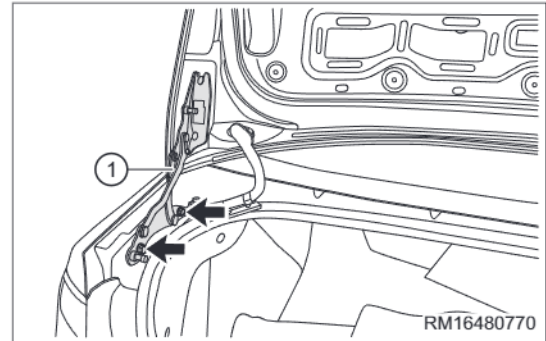
3. Remove the luggage compartment door left hinge assembly.
 - a. Disengage the clip (1) from wire harness.



- b. Remove 2 fixing bolts (arrow) between luggage compartment door left hinge assembly and luggage compartment door assembly.
(Tightening torque: 25 ± 2 N·m)



- c. Remove 2 fixing bolts (arrow) between luggage compartment door left hinge assembly and body, and remove the luggage compartment door left hinge assembly (1).
(Tightening torque: 25 ± 2 N·m)



Installation

Installation is in the reverse order of removal.

CAUTION

- After installing luggage compartment door hinge assembly, it is necessary to adjust luggage compartment door.

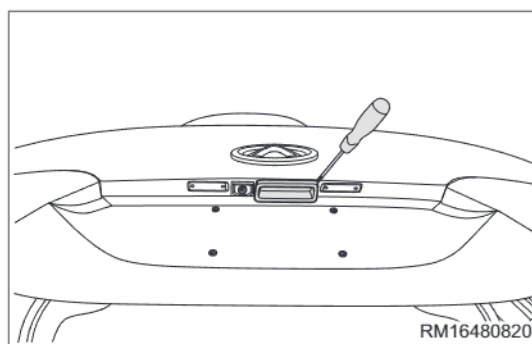
Luggage Compartment Door Opener Switch Assembly

Removal

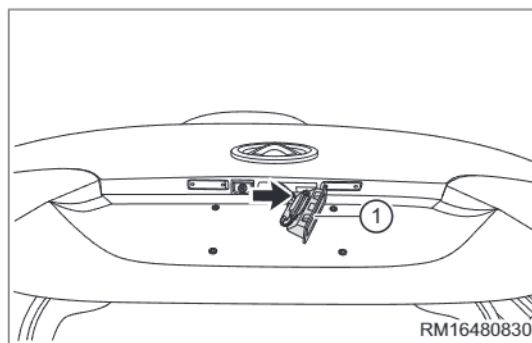
CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing luggage compartment door opener switch assembly.
- Try to prevent body paint surface from being scratched, when removing luggage compartment opener switch assembly.

1. Turn off all electrical equipment and the ignition switch.
2. Disconnect the negative battery cable.
3. Remove the luggage compartment door opener switch assembly.
 - a. Using a screwdriver wrapped with protective tape, pry up the clips on luggage compartment door opener switch assembly.



- b. Disconnect the luggage compartment door opener switch connector (arrow), and remove the luggage compartment door opener switch assembly (1).



Installation

Installation is in the reverse order of removal.

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CAUTION

- Install connector in place, after installing luggage compartment door opener switch assembly.
- Check that luggage compartment door opener switch assembly functions properly after installation.

Luggage Compartment Door Air Spring Assembly

Removal

HINT:

- Use same procedures for right and left sides.
- Procedures listed below are for left side.

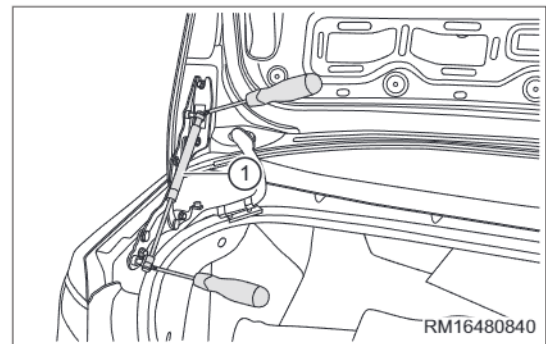
WARNING

- When removing luggage compartment door air spring assembly, an assistant is needed to hold luggage compartment door, so as to prevent luggage compartment door from dropping or suddenly closing to cause accidents during operation.

CAUTION

- Be sure to wear safety equipment to prevent accidents, when removing luggage compartment door air spring assembly.
- Try to prevent body paint surface from being scratched, when removing luggage compartment door air spring assembly.
- When removing luggage compartment door air spring assembly, try to prevent luggage compartment door from dropping, otherwise, body may be damaged.

1. Remove the luggage compartment door left air spring assembly.
 - a. Using a screwdriver wrapped with protective tape, pry up the clips from the upper part of luggage compartment door air spring.
 - b. Using a screwdriver wrapped with protective tape, pry up the clips from the lower part of luggage compartment door air spring, and remove the luggage compartment door left air spring assembly (1).



Installation

Installation is in the reverse order of removal.

CAUTION

- Make sure that luggage compartment door air spring and luggage compartment door air spring clip are fitted closely, after installing luggage compartment door air spring assembly.

