

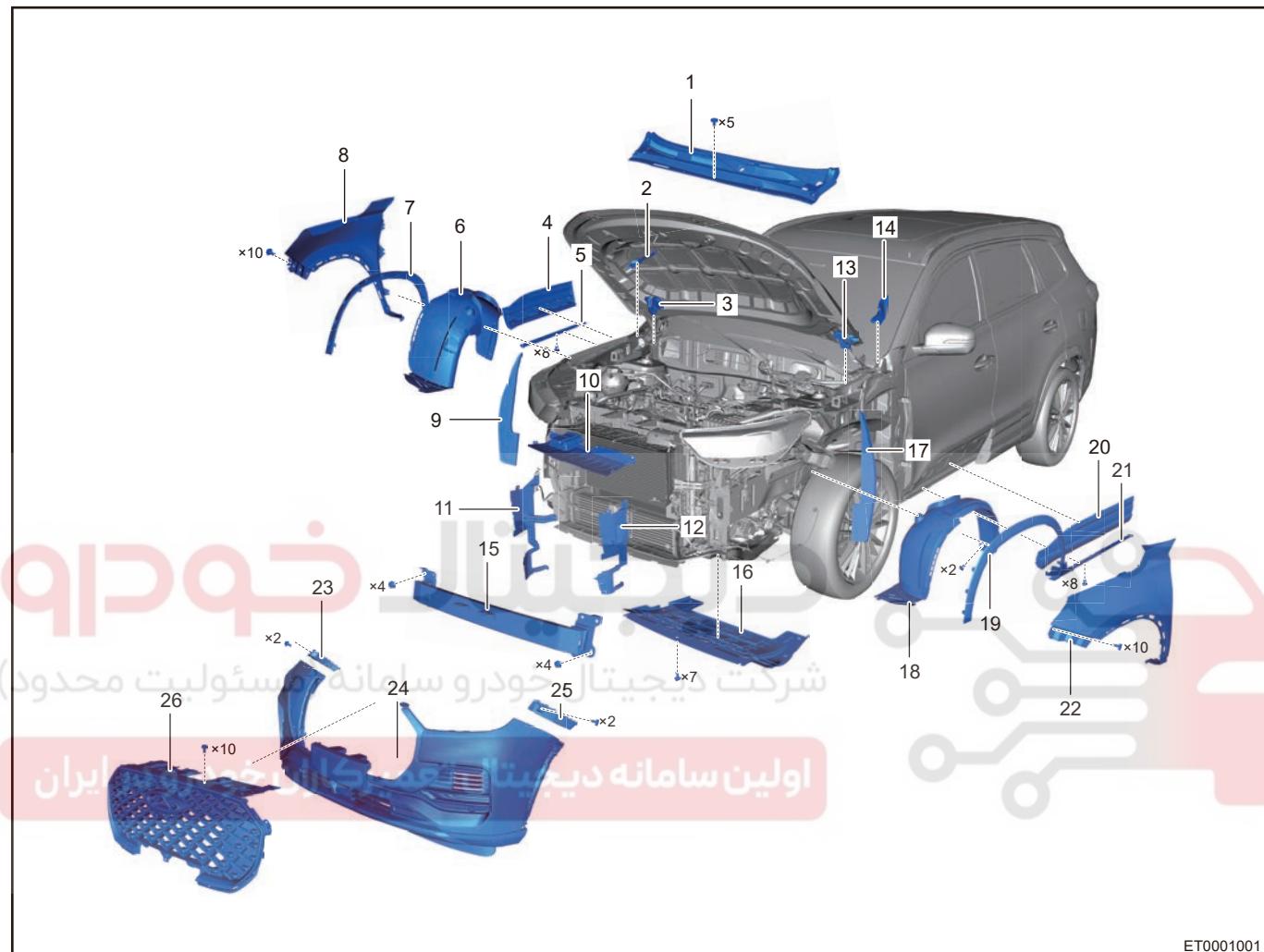
# EXTERIOR

General Information	38 - 2	Removal	38 - 19
Description	38 - 2	Installation	38 - 19
Specifications	38 - 4	Rear Bumper Assembly	38 - 20
Tools	38 - 5	Removal	38 - 20
On-Vehicle Service	38 - 6	Disassembly	38 - 22
Front Bumper Assembly	38 - 6	Installation	38 - 23
Removal	38 - 6	Rear Bumper Mounting Bracket	38 - 24
Installation	38 - 8	Removal	38 - 24
Installation	38 - 8	Installation	38 - 24
Front Bumper Mounting Bracket	38 - 9	Rear Bumper Crossmember Assembly	38 - 25
Removal	38 - 9	Removal	38 - 25
Installation	38 - 9	Installation	38 - 26
Front Bumper Crossmember	38 - 10	Side Skirt Protector Assembly	38 - 26
Assembly	38 - 10	Removal	38 - 26
Removal	38 - 11	Installation	38 - 28
Installation	38 - 11	Front Door Trim Panel Assembly	38 - 28
Air Deflector (Upper, Left and Right)	38 - 11	Removal	38 - 28
Removal	38 - 11	Installation	38 - 29
Installation	38 - 13	Rear Door Trim Panel Assembly	38 - 29
Front Wheel House Protector	38 - 14	Removal	38 - 29
Removal	38 - 14	Installation	38 - 30
Installation	38 - 14	Rear Wheel House Protector	38 - 30
Front Windshield Lower Support	38 - 15	Removal	38 - 30
Assembly	38 - 15	Installation	38 - 31
Removal	38 - 15	D-pillar Trim Board Assembly	38 - 32
Installation	38 - 15	Removal	38 - 32
Wing Assembly	38 - 16	Installation	38 - 32
Removal	38 - 16	Quarter Upper Ornament Assembly	38 - 32
Installation	38 - 17	Removal	38 - 32
Rear Spoiler Assembly	38 - 18	Installation	38 - 33
Removal	38 - 18	Name Plate	38 - 33
Installation	38 - 19	Installation	38 - 33
Engine Lower Protector Assembly	38 - 19		

# General Information

## Description

### Front View

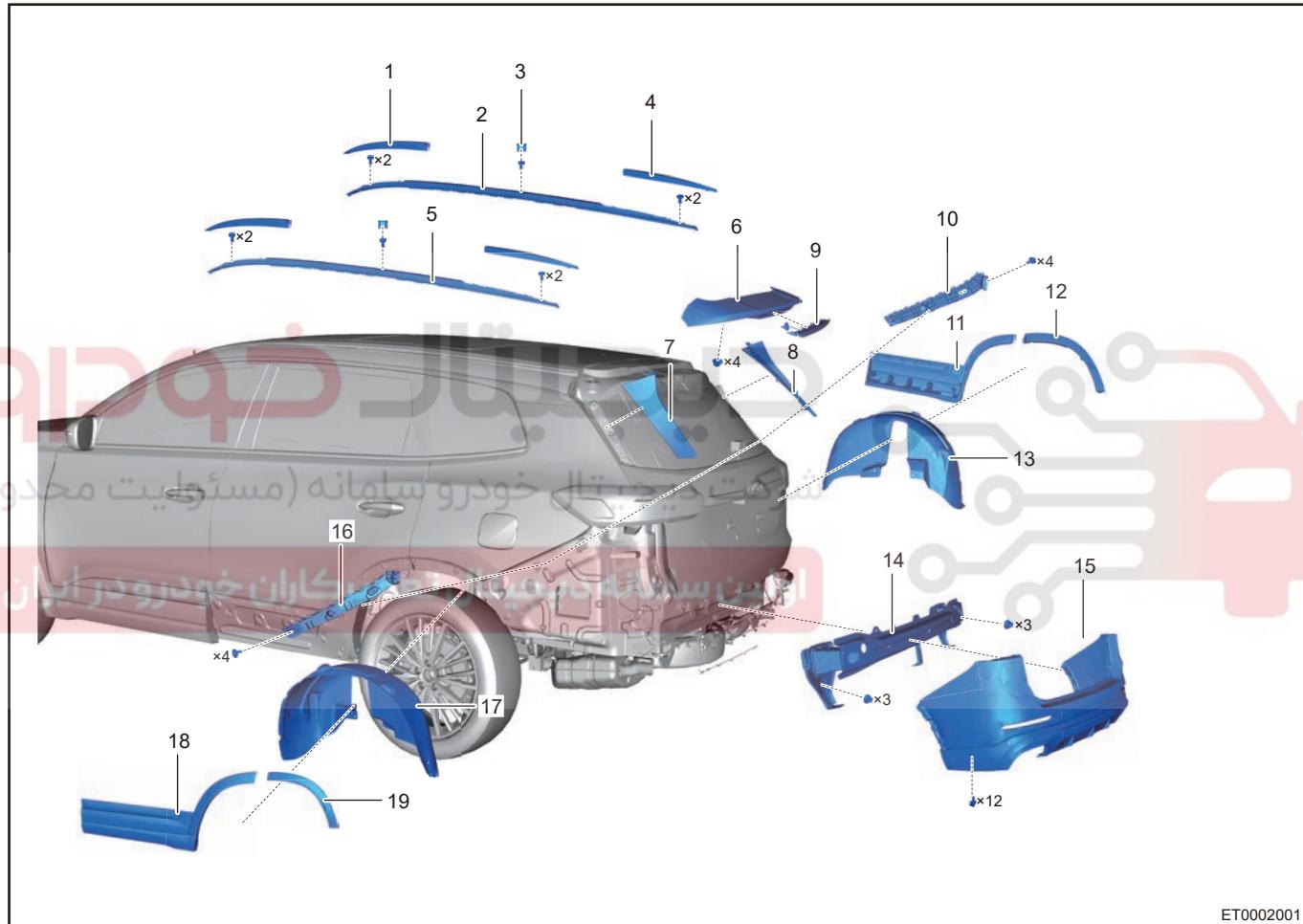


ET0001001

1	Front Windshield Lower Support Assembly	14	Front Windshield Lower Trim Panel Left Cover Plate
2	Front Windshield Lower Trim Panel Right Cover Plate	15	Front Impact Beam Assembly
3	Front Windshield Lower Trim Panel Right Block	16	Engine Lower Protector
4	Front Right Door Trim Panel Assembly	17	Front Wing Spacer
5	Right Skirt Protector Assembly	18	Front Left Wheel House Protector Assembly
6	Front Right Wheel House Protector Assembly	19	Front Left Wheel Arch Ornament Assembly
7	Front Right Wheel Arch Ornament Assembly	20	Front Left Door Trim Panel Assembly

8	Right Wing	21	Left Skirt Protector Assembly
9	Front Wing Spacer	22	Left Wing
10	Upper Air Deflector Assembly	23	Front Bumper Right Bracket
11	Right Air Deflector Assembly	24	Front Bumper Assembly
12	Left Air Deflector Assembly	25	Front Bumper Left Bracket
13	Front Windshield Lower Trim Panel Left Block	26	Radiator Grille Assembly

## Rear View



ET0002001

1	Front Right Rack End Cover	11	Rear Right Door Trim Panel Assembly
2	Right Rack Assembly	12	Rear Right Wheel Arch Ornament Assembly
3	Center Trim Cover	13	Rear Right Wheel House Protector Assembly
4	Rear Right Rack End Cover	14	Rear Impact Beam Assembly
5	Left Roof Rack Assembly	15	Rear Bumper Body Assembly
6	Spoiler Assembly	16	Rear Bumper Left Mounting Bracket

## 38 - EXTERIOR

7	Left D-pillar Trim Board Assembly	17	Rear Left Wheel House Protector Assembly
8	Right D-pillar Trim Board Assembly	18	Rear Left Door Trim Board Assembly
9	High Mounted Stop Light Assembly	19	Rear Left Wheel Arch Ornament Assembly
10	Rear Bumper Right Mounting Bracket		

Bumper assembly and bumper crossmember assembly are safety device to protect the front and rear body, which mainly absorb and reduce outside shock.

Exterior mainly consists of front bumper assembly, front bumper mounting bracket, front bumper crossmember assembly, smart grille, front wheel house protector, front wheel arch, wing assembly, wing trim panel assembly, side skirt protector assembly, door trim panel assembly, engine lower protector, rear bumper assembly, rear bumper mounting bracket, rear bumper bracket, rear bumper crossmember assembly, rear wheel house protector, front windshield lower support assembly, fuel filler cap assembly, fuel tank spoiler, D-pillar protector assembly, roof rack assembly, spoiler, etc.

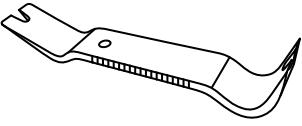
## Specifications

### Torque Specifications

Description	Torque (N·m)
Front Wheel Arch Fixing Screw	1.5 ± 0.5
Front Bumper Assembly Fixing Screw	1.5 ± 0.5
Engine Lower Protector Fixing Bolt	5 ± 1
Front Bumper Upper Fixing Bolt	5 ± 1
Front Bumper Mounting Bracket Fixing Bolt	5 ± 1
Front Bumper Crossmember Assembly Fixing Nut	48 ± 7.0
Front Windshield Lower Support Assembly Fixing Screw	1.5 ± 0.5
Wing Assembly Fixing Bolt	10 ± 1.5
Rear Spoiler Assembly Fixing Nut	5 ± 1.0
Rear Wheel Arch Upper Fixing Screw	1.5 ± 0.5
Rear Bumper Assembly Fixing Screw	1.5 ± 0.5
Rear Bumper Assembly Fixing Bolt	5 ± 1.0
Rear Fog Light and Retro-reflector Assembly Fixing Screw	2 ± 0.5
Rear Bumper Mounting Bracket Fixing Screw	1.5 ± 0.5
Rear Bumper Crossmember Assembly Fixing Nut	25 ± 3.5
Side Skirt Protector Assembly Fixing Screw	1.5 ± 0.5

## Tools

### General Tools

Tool Name	Tool Drawing
Interior Crow Plate	 S00020

# دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



# On-Vehicle Service

## Front Bumper Assembly

### Removal

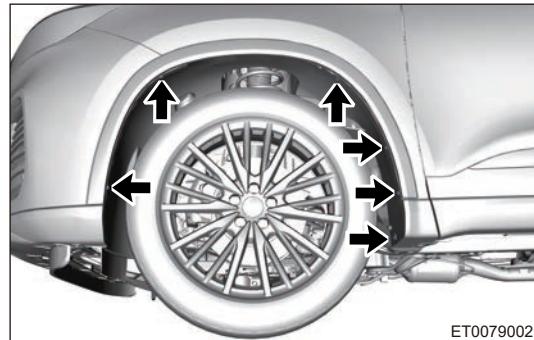
#### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when removing front bumper assembly.
- Appropriate force should be applied, when removing front bumper assembly. Be careful not to operate roughly.
- Try to prevent body paint surface from being scratched, when removing front bumper assembly.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the front/rear and left/right engine compartment trim cover assembly.
4. Remove front left wheel arch assembly (take left side as an example).

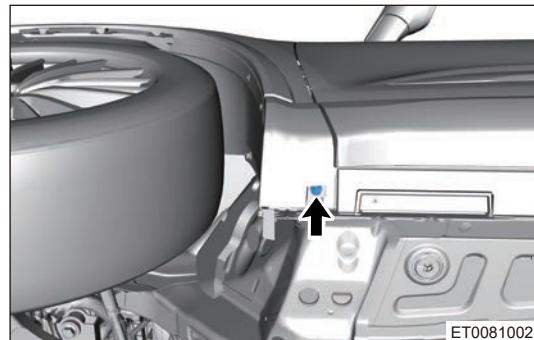
- a. Remove 6 fixing screws (arrow) from upper side of front wheel arch.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



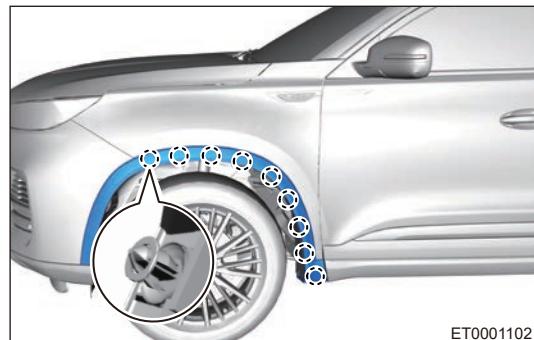
ET0079002

- b. Remove 1 snap fastener (arrow) from lower side of front wheel arch.



ET0081002

- c. Using an interior crow plate, pry off fixing clip from upper side of rear left wheel arch.



ET0001102

- d. Remove the front left wheel arch assembly.
5. Remove the front bumper assembly.

a. Remove fixing screw (arrow) from left side of front bumper.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



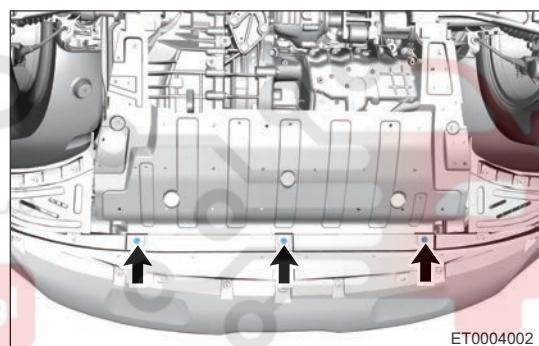
b. Remove fixing screw (arrow) from right side of front bumper.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



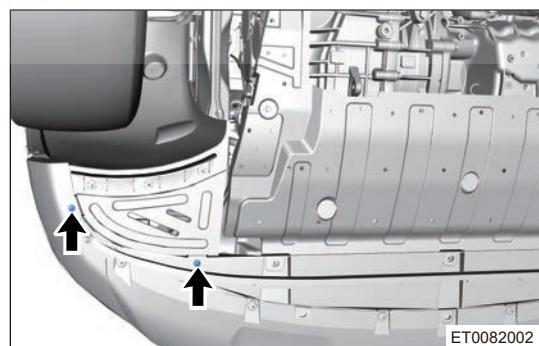
c. Raise the vehicle to a proper position, remove 3 fixing bolts (arrow) from the lower part of front bumper assembly and engine lower protector.

Tightening torque:  $5 \pm 1 \text{ N}\cdot\text{m}$



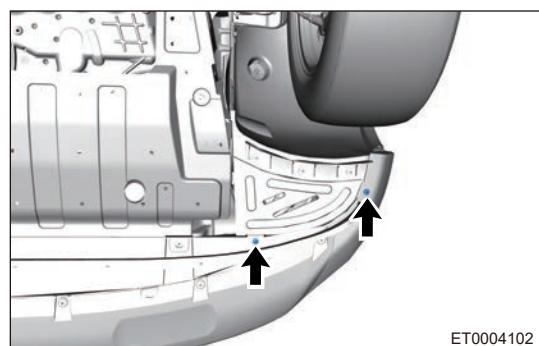
d. Remove 2 fixing screws (arrow) from lower part of front left wheel house protector.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



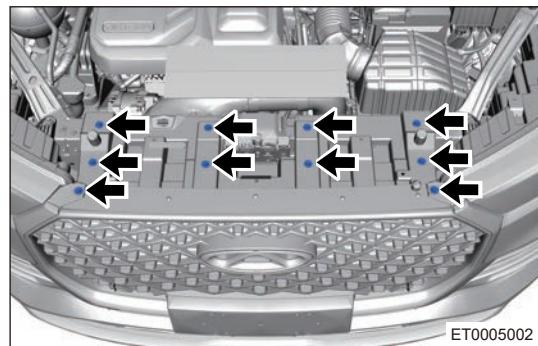
e. Remove 2 fixing screws (arrow) from lower part of front right wheel house protector.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$

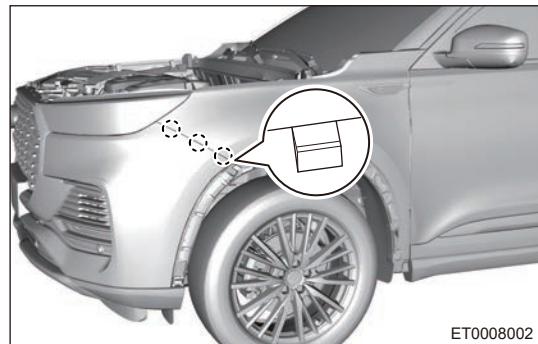


f. Remove 10 fixing bolts (arrow) from upper part of front bumper.

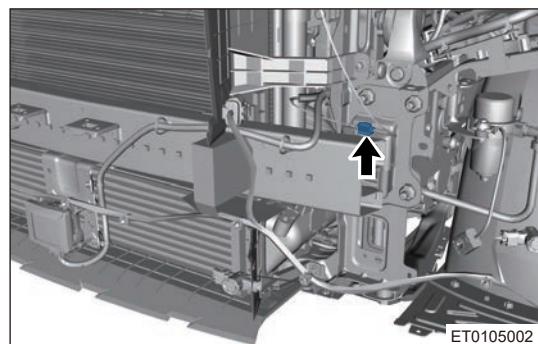
Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



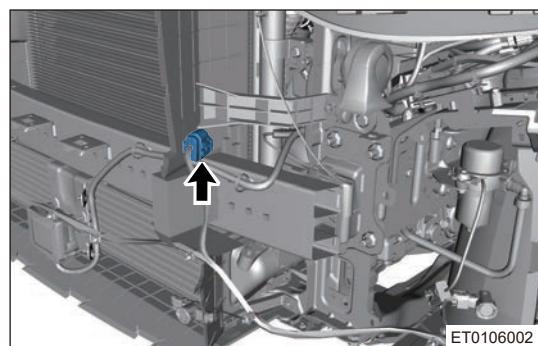
g. Disengage the claws from front bumper assembly (- take left side as an example).



h. Disconnect wire harness connector (arrow) from front camera.



i. Disconnect wire harness connector (arrow) from front bumper assembly.



j. Remove the front bumper assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- After installing front bumper, perform panoramic image calibration.

## Installation

1. Installation is in the reverse order of removal.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when installing front bumper assembly.
- Try to prevent body paint surface from being scratched, when installing front bumper assembly.
- Make sure that front bumper is installed correctly and fitting clearance between front bumper and body is appropriate, when installing front bumper assembly.

## Front Bumper Mounting Bracket

### Removal

**Hint:**

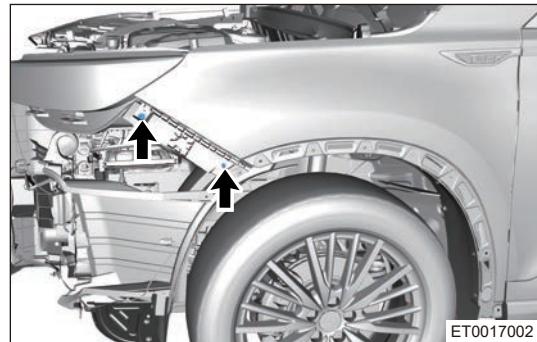
- Use same procedures for right and left sides.
- Procedures listed below are for left side.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when removing front bumper mounting bracket.
- Try to prevent body paint surface from being scratched, when removing front bumper mounting bracket.

1. Turn off all electrical equipment and the ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the front bumper assembly.
4. Remove the front bumper left mounting bracket.
  - a. Remove 2 fixing bolts (arrow) from front bumper left mounting bracket, and remove the front bumper left mounting bracket.

Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



### Installation

1. Installation is in the reverse order of removal.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when installing front bumper mounting bracket.
- Try to prevent body paint surface from being scratched, when installing front bumper mounting bracket.

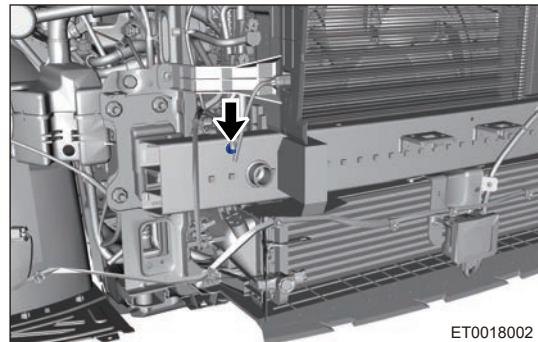
## Front Bumper Crossmember Assembly

### Removal

#### Caution

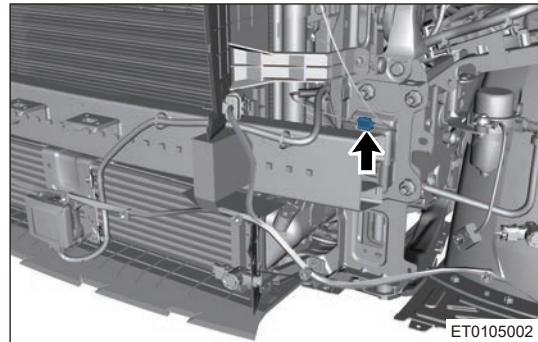
- Be sure to wear necessary safety equipment to prevent accidents, when removing front bumper crossmember assembly.
- Try to prevent body paint surface from being scratched, when removing front bumper crossmember assembly.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the front bumper assembly.
4. Remove the microwave radar bracket.
5. Remove the front bumper crossmember assembly.
  - a. Remove fixing clip (arrow) from front bumper upper wire harness.



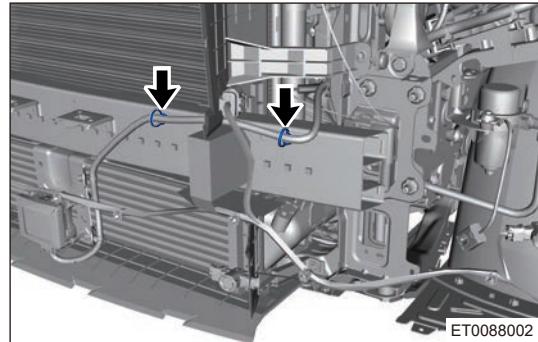
ET0018002

- b. Remove fixing clip (arrow) from front camera wire harness.



ET0105002

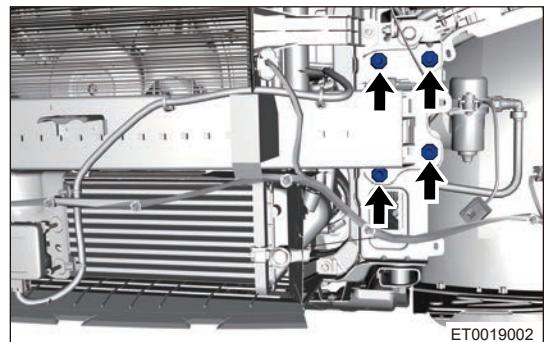
- c. Remove fixing clip (arrow) from front bumper upper wire harness.



ET0088002

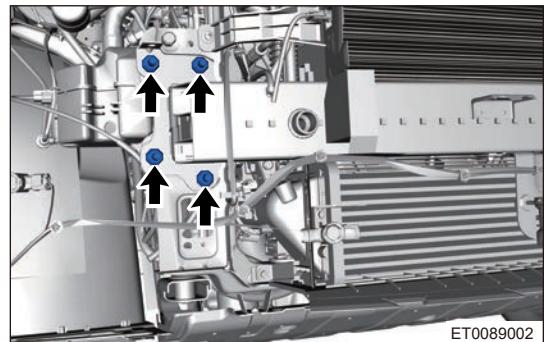
d. Remove 4 fixing nuts (arrow) from right side of front bumper crossmember assembly.

Tightening torque:  $48 \pm 7.0 \text{ N}\cdot\text{m}$



e. Remove 4 fixing nuts (arrow) from left side of front bumper crossmember assembly.

Tightening torque:  $48 \pm 7.0 \text{ N}\cdot\text{m}$



f. Remove the front bumper crossmember assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when installing front bumper crossmember assembly.
- Try to prevent body paint surface from being scratched, when installing front bumper crossmember assembly.
- There should be no looseness, shaking and deformation, after installing front bumper crossmember assembly.

## Air Deflector (Upper, Left and Right)

### Removal

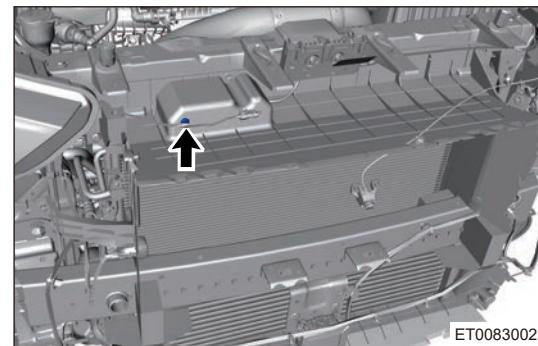
### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when removing air deflector.
- Try to prevent body paint surface from being scratched, when removing air deflector.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the front bumper assembly.
4. Remove the upper air deflector assembly.

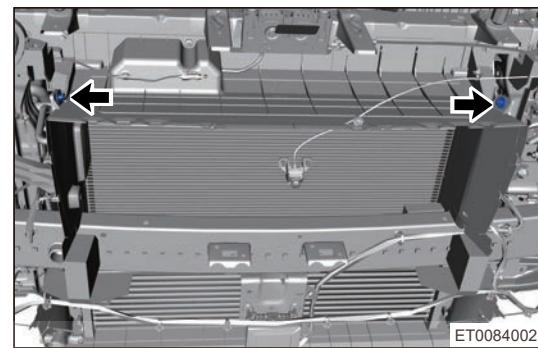
## 38 - EXTERIOR

a. Disengage wire harness connector (arrow) from front upper air deflector.



ET0083002

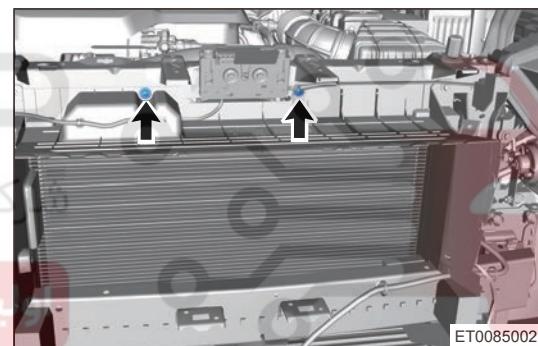
b. Remove 2 fixing clips (arrow) from front upper air deflector.



ET0084002

c. Remove 2 fixing screws (arrow) from front upper air deflector.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0085002

d. Remove 2 fixing bolts (arrow) from front upper air deflector, and remove front upper air deflector assembly.

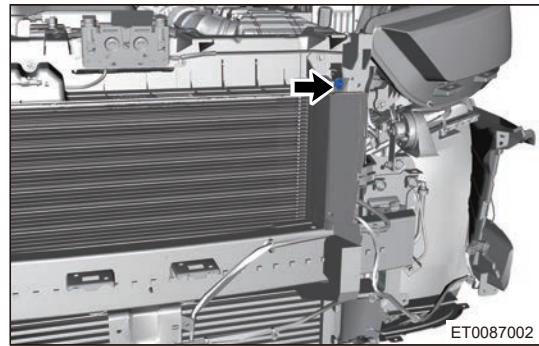
Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



ET0086002

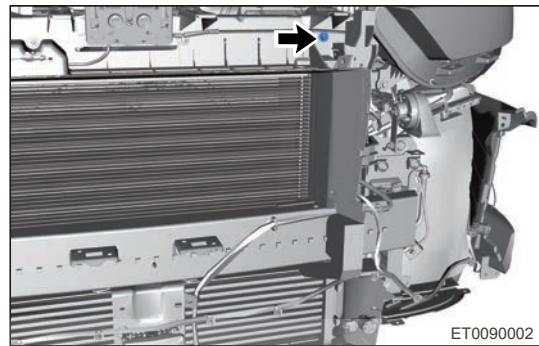
5. Remove the front left air deflector assembly (removal produces for left and right are same).

a. Remove 1 fixing clip (arrow) from front left air deflector.



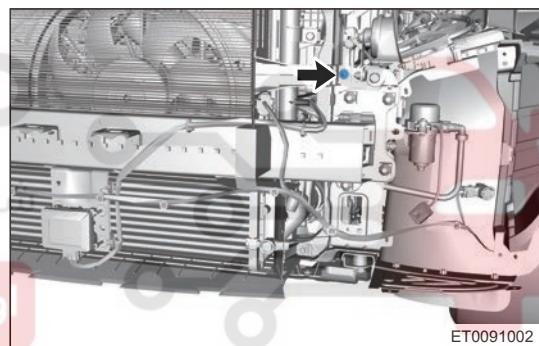
ET0087002

b. Remove 1 fixing bolt (arrow) from front left air deflector.  
Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



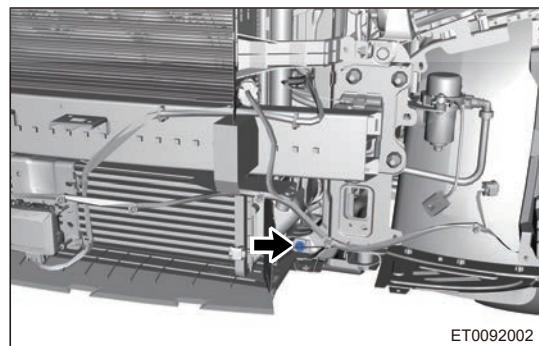
ET0090002

c. Remove 1 fixing screw (arrow) from front left air deflector.  
Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0091002

d. Remove 1 fixing bolt (arrow) from front left air deflector.  
Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



ET0092002

e. Remove the front left air deflector assembly.

## Installation

1. Installation is in the reverse order of removal.

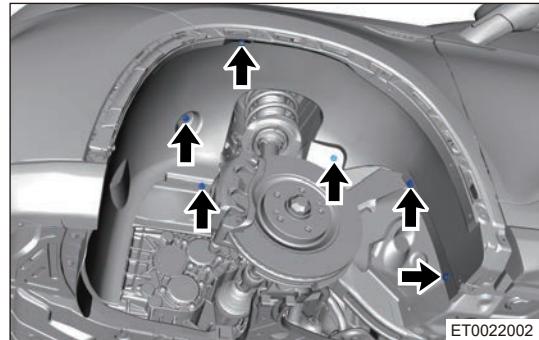
## Front Wheel House Protector

### Removal

#### Caution

- Use same procedures for right and left sides, procedures listed below are for left side.
- Be sure to wear necessary safety equipment to prevent accidents, when removing front wheel house protector.
- Try to prevent body paint surface from being scratched, when removing front wheel house protector.

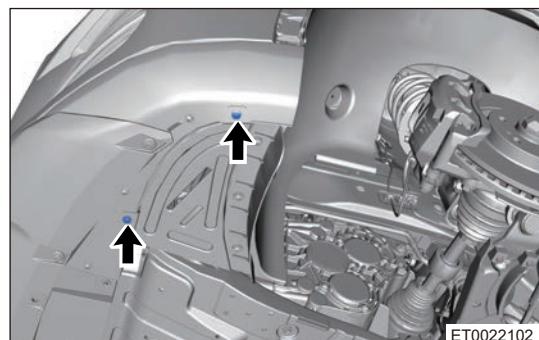
1. Remove the front left wheel arch assembly.
2. Remove the front left wheel house protector.
  - a. Remove 6 plastic snap fasteners (arrow) from upper part of front wheel house protector.



ET0022002

- b. Remove 2 fixing screws (arrow) from lower part of front wheel house protector.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0022102

- c. Remove the front wheel house protector.

### Installation

1. Installation is in the reverse order of removal.

#### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when installing front wheel house protector assembly.
- Try to prevent body paint surface from being scratched, when installing front wheel house protector assembly.

## Front Windshield Lower Support Assembly

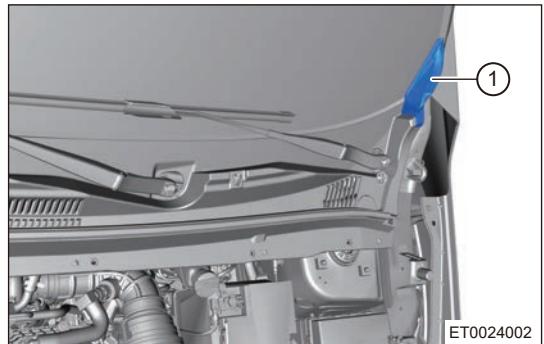
### Removal

#### Caution

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

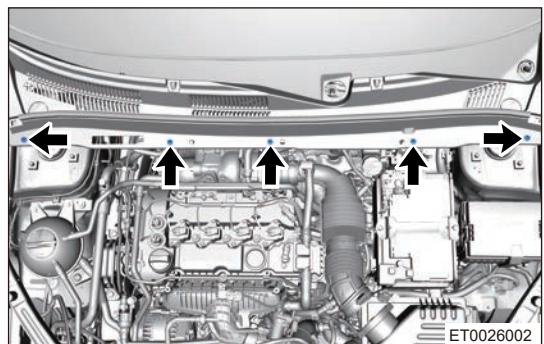
1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Engine Compartment Trim Cover Rear Assembly
4. Remove the front wiper arm assembly.
5. Remove the front windshield lower trim board assembly.

- a. Remove the front windshield lower support left/right blocks.
- b. Using a screwdriver wrapped with protective tape, pry off claw from front windshield lower support left cover plate, and remove front windshield lower support left cover plate (1).

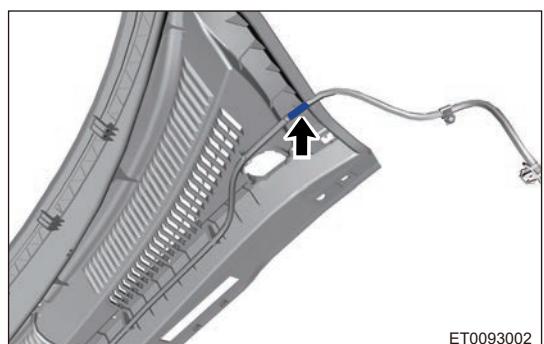


- c. Remove 5 fixing screws (arrow) from front windshield lower support assembly.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



- d. Disconnect front washer pipe 1 (arrow) and remove front windshield lower support assembly.



### Installation

1. Installation is in the reverse order of removal.

**Caution**

- Be sure to wear safety equipment to prevent accidents, when installing front windshield lower support assembly.
- Try to prevent body paint surface from being scratched, when installing front windshield lower support assembly.

## Wing Assembly

### Removal

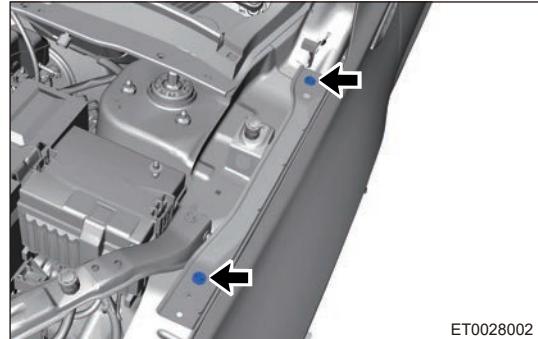
**Hint:**

- 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 wing assembly.
- Try to prevent body paint surface from being scratched, when removing wing assembly.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the front left wheel arch assembly.
4. Remove the front bumper assembly.
5. Remove the left headlight assembly.
6. Remove the front left wheel house assembly.
7. Remove the front left bumper bracket.
8. Remove the left wing assembly.
  - a. Remove 2 fixing bolts (arrow) between the upper part of wing assembly and the body.  
Tightening torque:  $10 \pm 1.5 \text{ N}\cdot\text{m}$



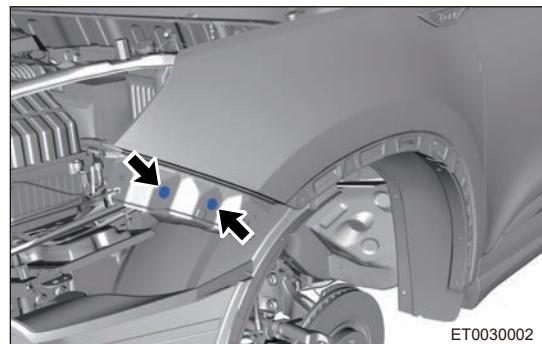
- b. Remove fixing bolt (arrow) between the upper part of wing assembly and lower end of A-pillar.

Tightening torque:  $10 \pm 1.5 \text{ N}\cdot\text{m}$



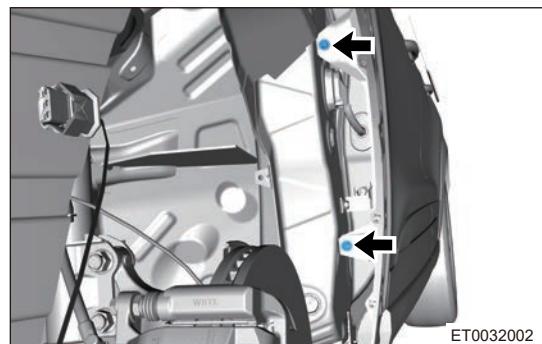
c. Remove fixing bolts (arrow) between the front part of wing assembly and body.

Tightening torque:  $10 \pm 1.5 \text{ N}\cdot\text{m}$



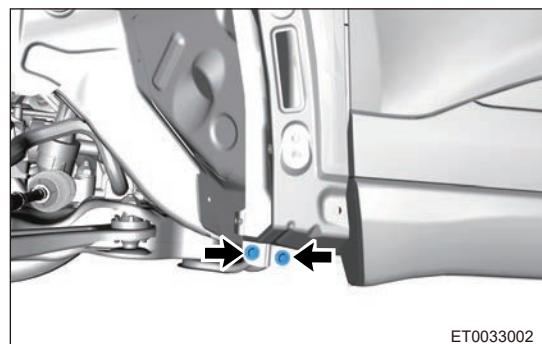
d. Remove 2 fixing bolts (arrow) between inner part of wing assembly and front end of body.

Tightening torque:  $10 \pm 1.5 \text{ N}\cdot\text{m}$



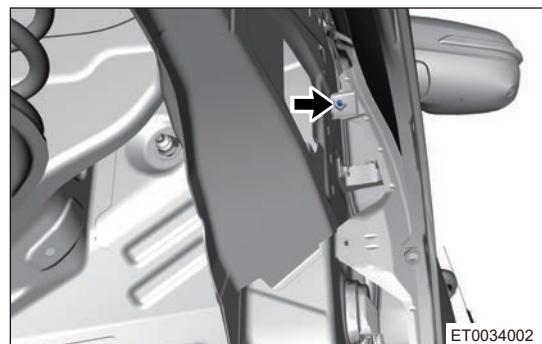
e. Remove 2 fixing bolts (arrow) between the lower part of wing assembly and the body.

Tightening torque:  $10 \pm 1.5 \text{ N}\cdot\text{m}$



f. Remove 1 fixing bolt (arrow) between the rear part of wing assembly and body.

Tightening torque:  $10 \pm 1.5 \text{ N}\cdot\text{m}$



g. Remove the wing assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- Be sure to wear safety equipment to prevent accidents, when installing front wing.
- Try to prevent body paint surface from being scratched, when installing front wing.
- Make sure that front wing is installed correctly and fitting clearance between front wing and body is appropriate, when installing front wing.

## Rear Spoiler Assembly

### Removal

#### Caution

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

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove back door upper protector assembly.
4. Remove the rear spoiler assembly.

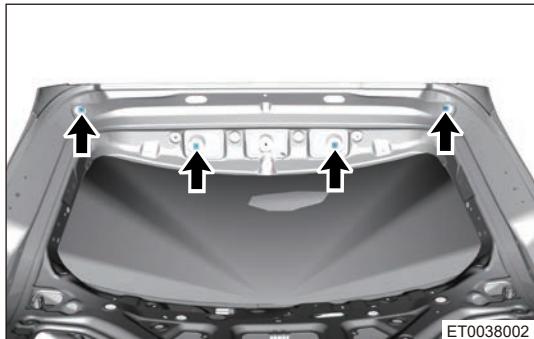
- a. Using an interior crow plate, pry off trim covers (arrow) from rear spoiler.



ET0037002

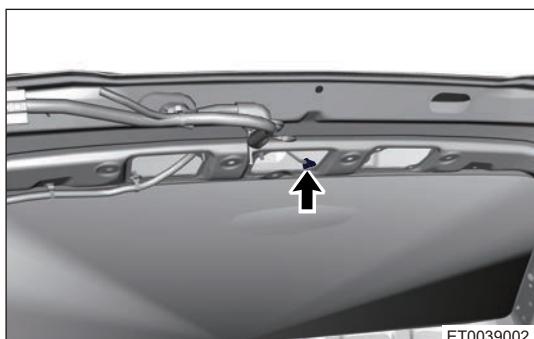
- b. Remove 4 fixing nuts (arrow) from rear spoiler assembly.

Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



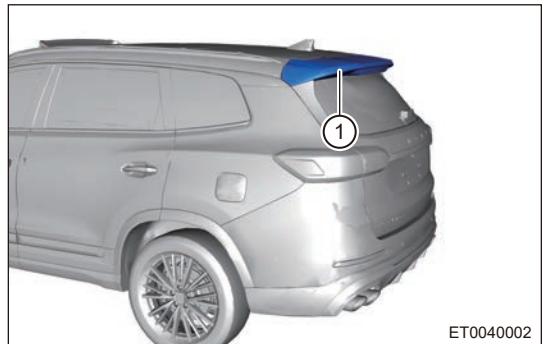
ET0038002

- c. Disconnect wire harness connector (arrow) from high mounted stop light.



ET0039002

d. Remove the rear spoiler assembly (1).



## Installation

1. Installation is in the reverse order of removal.

### Caution

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

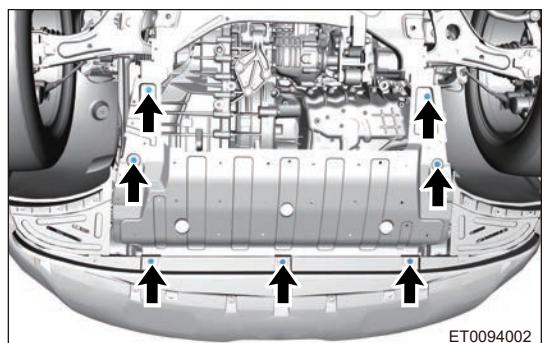
## Engine Lower Protector Assembly

### Removal

### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when removing engine lower protector assembly.
- Try to prevent body paint surface from being scratched, when removing engine lower protector assembly.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the engine lower protector assembly.
  - a. Remove 7 fixing bolts (arrow) from engine lower protector assembly.  
Tightening torque:  $5 \pm 1.0 \text{ N}\cdot\text{m}$



b. Remove the engine lower protector assembly.

## Installation

1. Installation is in the reverse order of removal.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when installing engine lower protector assembly.
- Try to prevent body paint surface from being scratched, when installing engine lower protector assembly.

## Rear Bumper Assembly

### Removal

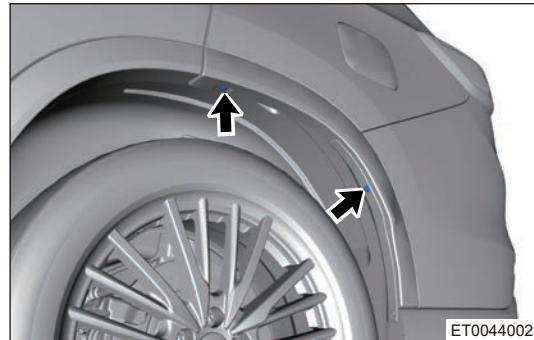
**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when removing rear bumper assembly.
- Appropriate force should be applied, when removing rear bumper assembly. Be careful not to operate roughly.
- Try to prevent body paint surface from being scratched, when removing rear bumper assembly.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the rear combination light (fixed part).
4. Remove rear left wheel arch assembly (take left side as an example).

- a. Remove 2 fixing screws (arrow) from rear left wheel arch.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$

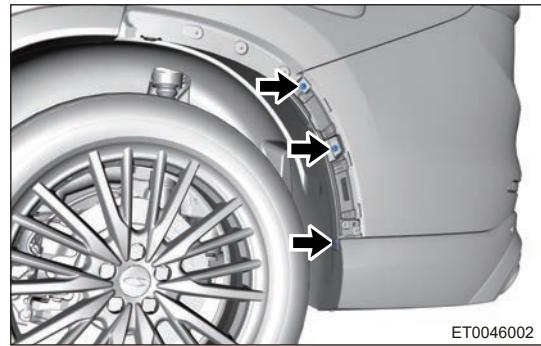


- b. Using an interior crow plate, pry off fixing clips from rear left wheel arch.



- c. Remove the rear left wheel arch assembly.
5. Remove the rear bumper assembly.

a. Remove 3 fixing screws (arrow) from left side of rear bumper (take left side as an example).  
 Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0046002

b. Remove 2 fixing screws (arrow) from left side of rear bumper assembly.  
 Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



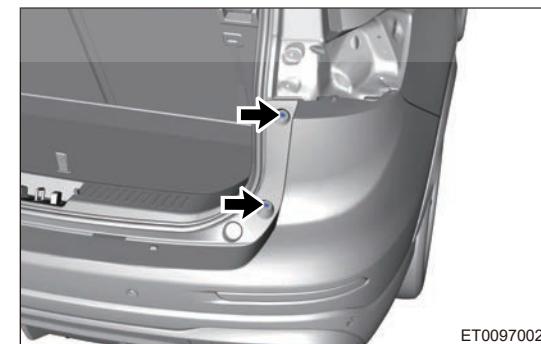
ET0095002

c. Remove 1 fixing bolt (arrow) from upper part of rear bumper assembly.  
 Tightening torque:  $5 \pm 1 \text{ N}\cdot\text{m}$



ET0096002

d. Remove 2 fixing screws (arrow) from right side of rear bumper assembly.  
 Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0097002

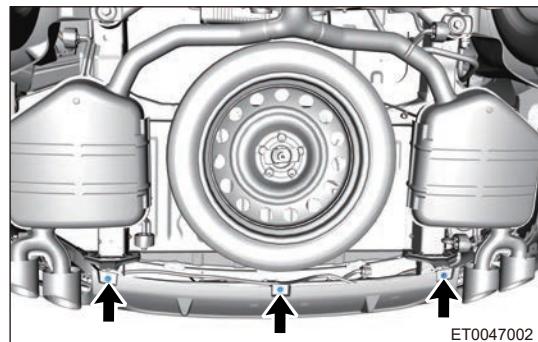
e. Remove 1 fixing bolt (arrow) from upper part of rear bumper assembly.  
 Tightening torque:  $5 \pm 1 \text{ N}\cdot\text{m}$



ET0098002

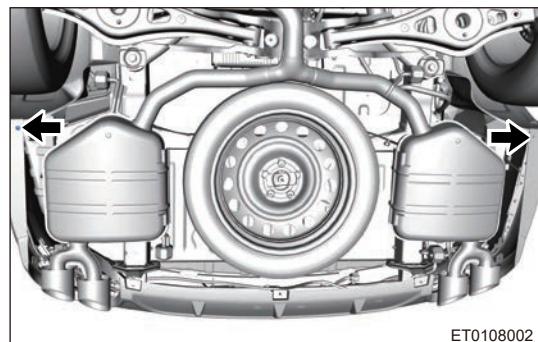
f. Remove 3 fixing bolts (arrow) from lower part of rear bumper assembly.

Tightening torque:  $5 \pm 1 \text{ N}\cdot\text{m}$

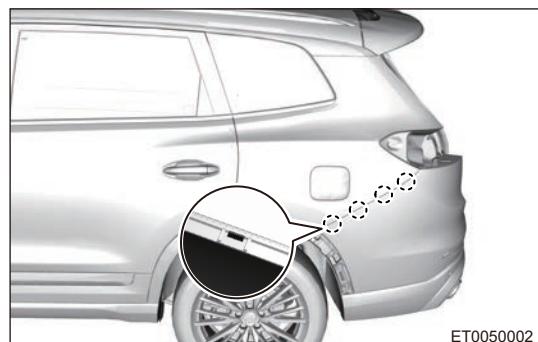


g. Remove 2 fixing screws (arrow) from the lower part of rear bumper assembly.

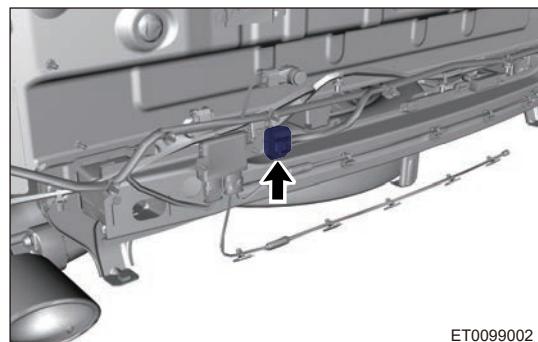
Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



h. Disengage claws from rear bumper assembly (take left side as an example).



i. Disconnect wire harness connector (arrow) from rear bumper.



j. Remove the rear bumper assembly.

## Disassembly

### Caution

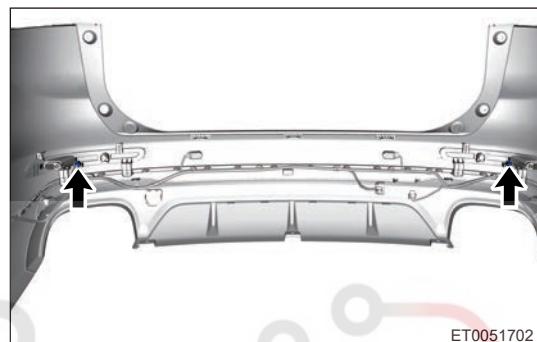
- Be sure to wear necessary safety equipment to prevent accidents, when disassembling rear bumper assembly.
- Appropriate force should be applied, when disassembling rear bumper assembly. Be careful not to operate roughly.
- Avoid breaking claws, when disassembling rear bumper assembly.

1. Remove the rear bumper towing hook cover.
  - a. Using a screwdriver wrapped with protective tape, pry off the claw from rear bumper towing hook cover.



ET0051302

- b. Remove rear bumper towing hook cover (arrow) from rear bumper assembly.
2. Remove the rear bumper wire harness assembly.
  - a. Disconnect wire harness connectors (arrow) front left/ right fog light.

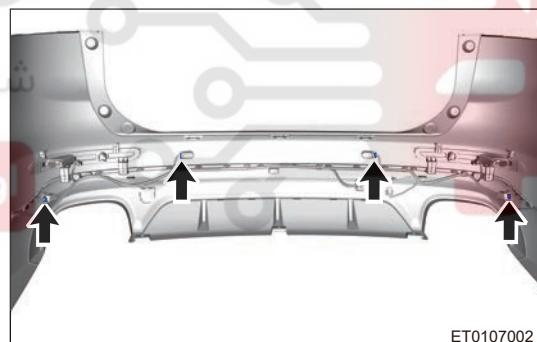


ET0051702

- b. Disconnect wire harness connectors (arrow) from radar probe.

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

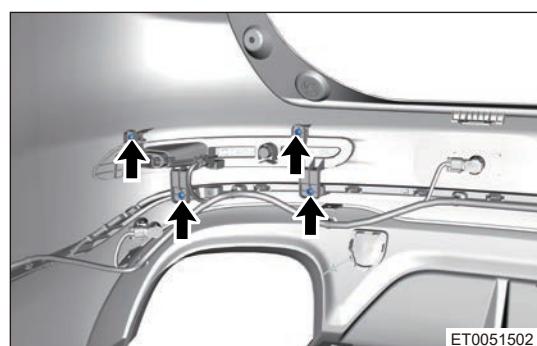
ولین سامانه دیجیتال تعمیرکاران خودرو در ایران



ET0107002

- c. Remove fixing clip from rear bumper wire harness assembly.
- d. Remove rear bumper wire harness assembly from rear bumper assembly.
3. Remove the rear fog light and retro-reflector assembly (take left side as an example).
  - a. Remove 4 fixing screws (arrow) from rear fog light and retro-reflector assembly.

Tightening torque:  $2 \pm 0.5 \text{ N}\cdot\text{m}$



ET0051502

- b. Remove rear left fog light and retro-reflector assembly from rear bumper assembly.

## Installation

1. Installation is in the reverse order of removal.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when assembling rear bumper assembly.
- Try to prevent rear bumper assembly paint surface from being scratched, when assembling rear bumper assembly.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when installing rear bumper assembly.
- Try to prevent body paint surface from being scratched, when installing rear bumper assembly.
- Make sure that rear bumper is installed correctly and fitting clearance between rear bumper and body is appropriate, when installing rear bumper assembly.

## Rear Bumper Mounting Bracket

### Removal

**Hint:**

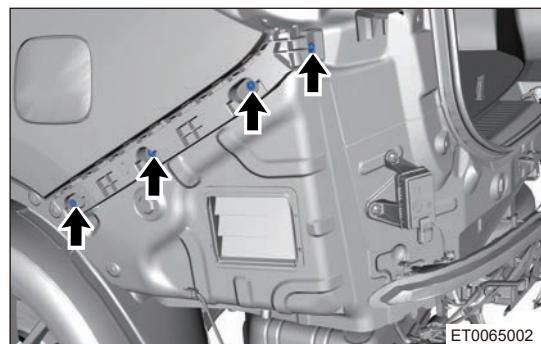
- Use same procedures for right and left sides.
- Procedures listed below are for left side.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when removing rear bumper mounting bracket.
- Try to prevent body paint surface from being scratched, when removing rear bumper mounting bracket.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the rear bumper assembly.
4. Remove the rear bumper left mounting bracket.
  - a. Remove 4 fixing screws (arrow) from rear bumper mounting bracket.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



- b. Remove the rear bumper left mounting bracket.

### Installation

1. Installation is in the reverse order of removal.

**Caution**

- Be sure to wear necessary safety equipment to prevent accidents, when installing rear bumper mounting bracket.
- Try to prevent body paint surface from being scratched, when installing rear bumper mounting bracket.

## Rear Bumper Crossmember Assembly

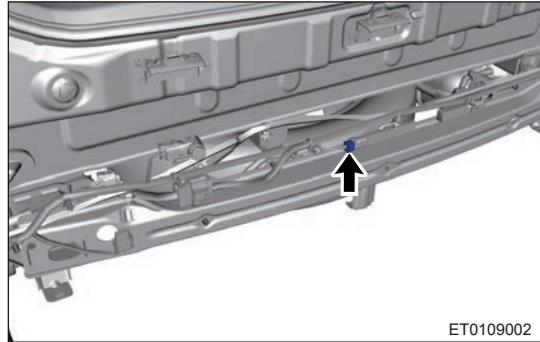
### Removal

**Caution**

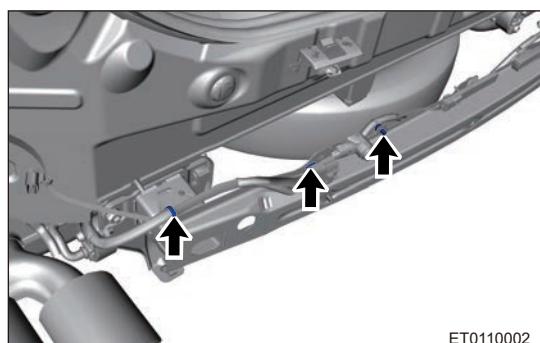
- Be sure to wear necessary safety equipment to prevent accidents, when removing rear bumper crossmember assembly.
- Try to prevent body paint surface from being scratched, when removing rear bumper crossmember assembly.

1. Turn off all electrical equipment and ENGINE START STOP switch.
2. Disconnect the negative battery cable.
3. Remove the rear bumper assembly.
4. Remove the rear bumper crossmember assembly.

- a. Disconnect wire harness connector (arrow) from rear low frequency antenna and remove rear low frequency antenna.



- b. Remove fixing clips (arrow) from rear bumper crossmember upper wire harness.



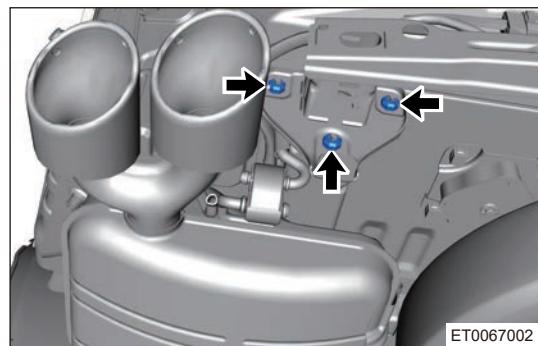
c. Remove fixing clips (arrow) from rear bumper crossmember upper wire harness.



ET0111002

d. Remove 3 fixing nuts (arrow) from left side of rear bumper crossmember assembly.

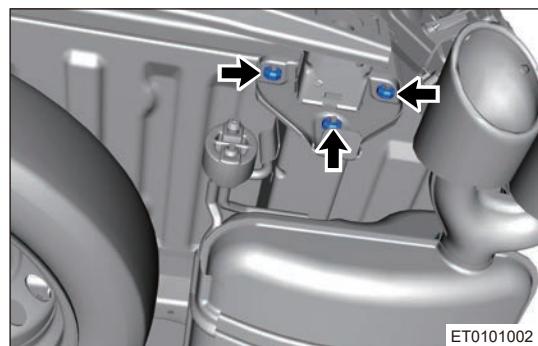
Tightening torque:  $25 \pm 3.5 \text{ N}\cdot\text{m}$



ET0067002

e. Remove 3 fixing nuts (arrow) from right side of rear bumper crossmember assembly.

Tightening torque:  $25 \pm 3.5 \text{ N}\cdot\text{m}$



ET0101002

f. Remove the rear bumper crossmember assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when installing rear bumper crossmember assembly.
- Try to prevent body paint surface from being scratched, when installing rear bumper crossmember assembly.
- There should be no looseness, shaking and deformation after installing rear bumper crossmember assembly.

## Side Skirt Protector Assembly

### Removal

#### Hint:

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

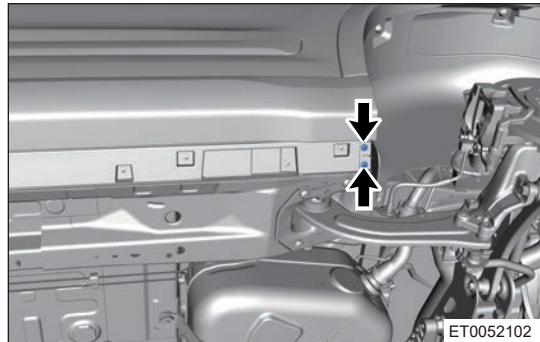
### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when removing side skirt protector assembly.
- Try to prevent body paint surface from being scratched, when removing side skirt protector assembly.

1. Remove the left side skirt protector assembly.

a. Remove 2 fixing screws (arrow) from rear left wheel house choke plate.

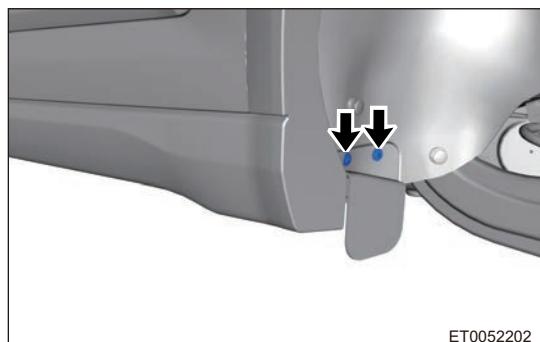
Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0052102

b. Remove 2 fixing screws (arrow) from rear left wheel house choke plate.

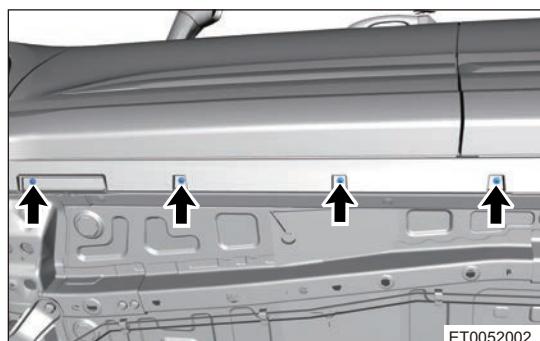
Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0052202

c. Remove 4 fixing screws (arrow) from left side skirt protector front part assembly.

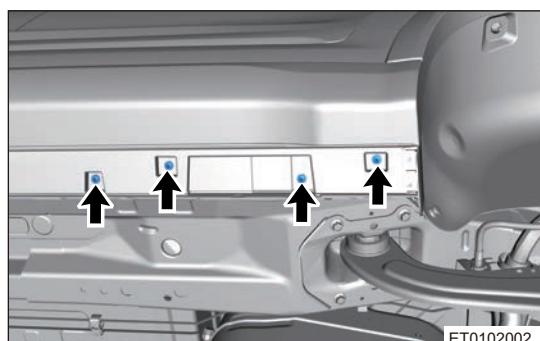
Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0052002

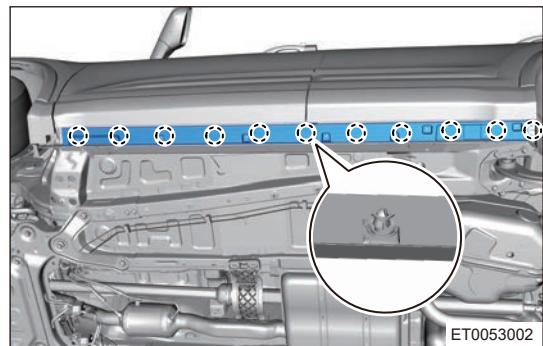
d. Remove 4 fixing screws (arrow) from left side skirt protector front part assembly.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



ET0102002

- e. Using an interior crow plate, pry off fixing clips from side skirt protector assembly.



- f. Remove the side skirt protector assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when installing side skirt protector assembly.
- Try to prevent body paint surface from being scratched, when installing side skirt protector assembly.

## Front Door Trim Panel Assembly

### Removal

#### Hint:

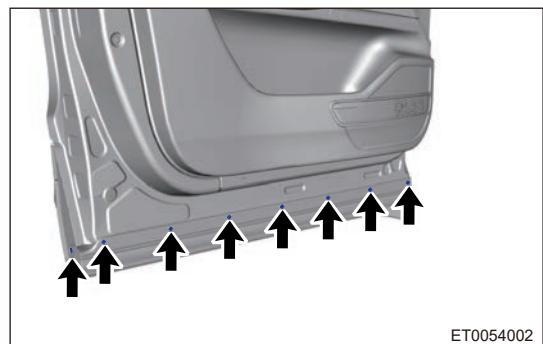
- Use same procedures for right and left sides.
- Procedures listed below are for left side.

### Caution

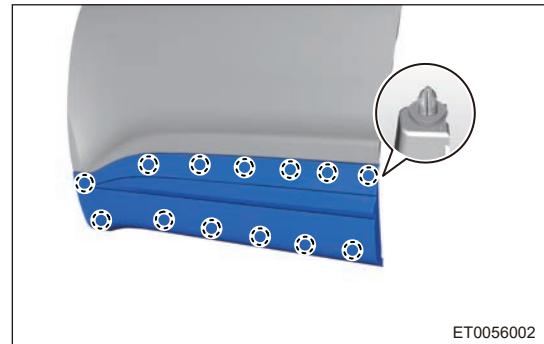
- Be sure to wear safety equipment to prevent accidents, when removing front door trim panel assembly.
- Try to prevent body paint surface from being scratched, when removing front door trim panel assembly.

1. Remove the front door trim panel assembly.

- a. Using an interior crow plate, pry off fixing clips from front door lower weatherstrip.



b. Using an interior crow plate, pry off fixing clips from front door trim panel assembly.



ET0056002

c. Remove the front door trim panel assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

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

## Rear Door Trim Panel 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 left door trim panel assembly.
- Try to prevent body paint surface from being scratched, when removing rear left door trim panel assembly.

1. Remove the rear left door trim panel assembly.

a. Using an interior crow plate, pry off fixing clips from rear left door lower weatherstrip.



ET0058002

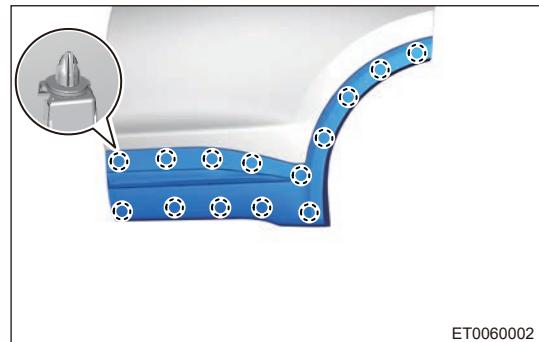
b. Remove fixing screws (arrow) from rear left door trim panel assembly.

Tightening torque:  $1.0 \pm 0.2 \text{ N}\cdot\text{m}$



ET0057002

c. Using an interior crow plate, pry off fixing clips from rear left door trim panel assembly.



ET0060002

d. Remove the rear left door trim panel assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

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

## Rear Wheel House Protector

### Removal

#### Hint:

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

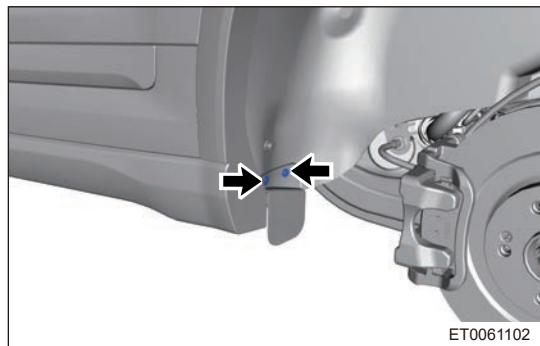
### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when removing rear left wheel house protector.
- Try to prevent body paint surface from being scratched, when removing rear left wheel house protector.

1. Remove the rear left wheel house protector assembly.

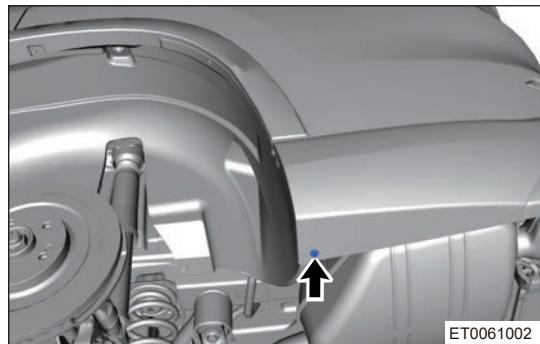
a. Remove 2 connecting screws (arrow) from rear left wheel house protector and rear left wheel house choke plate.

Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$

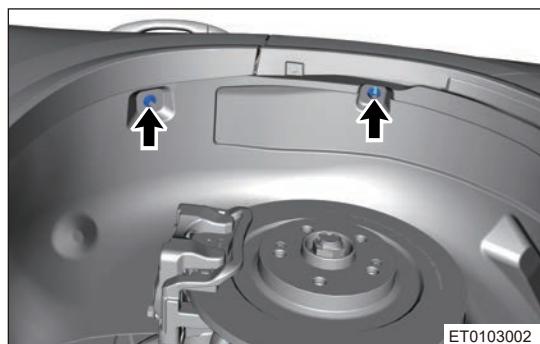


b. Remove 1 fixing screw (arrow) from rear left wheel house protector assembly.

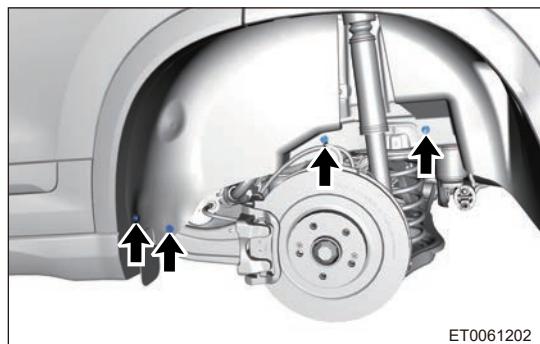
Tightening torque:  $1.5 \pm 0.5 \text{ N}\cdot\text{m}$



c. Remove 2 plastic nuts (arrow) from rear left wheel house protector assembly.



d. Remove 4 snap fasteners (arrow) from rear left wheel house protector assembly.



e. Remove the rear left wheel house protector assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- Be sure to wear necessary safety equipment to prevent accidents, when installing rear left wheel house protector.
- Try to prevent body paint surface from being scratched, when installing rear left wheel house protector.

## D-pillar Trim Board Assembly

### Removal

#### Caution

- Use same procedures for right and left sides, procedures listed below are for left side.
- Be sure to wear safety equipment to prevent accidents, when removing D-pillar trim board assembly.
- Try to prevent body paint surface from being scratched, when removing D-pillar trim board assembly.

1. Remove the rear spoiler assembly.
2. Remove the D-pillar trim board assembly.
  - a. Using an interior crow plate, pry off fixing clips from D-pillar trim board assembly.



ET0064002

- b. Remove the D-pillar trim board assembly.

### Installation

1. Installation is in the reverse order of removal.

#### Caution

- Be sure to wear safety equipment to prevent accidents, when installing D-pillar trim board assembly.
- Try to prevent body paint surface from being scratched, when installing D-pillar trim board assembly.

## Quarter Upper Ornament Assembly

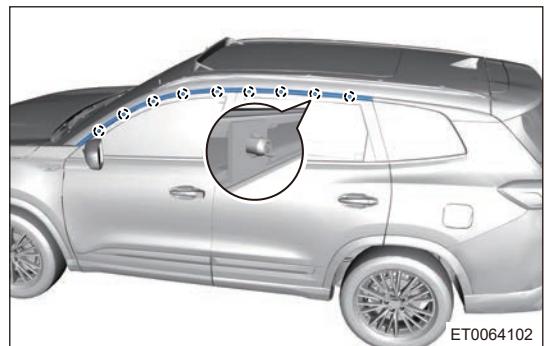
### Removal

#### Caution

- Use same procedures for right and left sides, procedures listed below are for left side.
- Be sure to wear safety equipment to prevent accidents, when removing quarter upper ornament assembly.
- Try to prevent body paint surface from being scratched, when removing quarter upper ornament assembly.

1. Remove the front left quarter ornament strip assembly.

- a. Using an interior crow plate, pry off fixing clips from front left quarter ornament strip.



- b. Remove the front left quarter ornament strip assembly.

## Installation

1. Installation is in the reverse order of removal.

### Caution

- Be sure to wear safety equipment to prevent accidents, when installing quarter upper ornament assembly.
- Try to prevent body paint surface from being scratched, when installing quarter upper ornament assembly.

## Name Plate

### Installation

1. Install the TIGGO name plate and the CHERY name plate.
  - a. Clean the places in which may be in contact with 3M glue. Do not allow any dirt or grease to remain, doing so may affect performance of 3M glue.
  - b. Clean off release paper on the 3M double-sided tape around name plate, hands do not contact 3M double-sided tape.
  - c. Install name plate to back door metal plate, apply a certain pressure (pressure: 3 kg/cm<sup>2</sup>), and prepress for 3 ".

### Caution

- It is recommended to heat components when ambient temperature is below 15 °C (optimal range is 25 °C to 30 °C).
- Name plate can be exposed to the rain after it is pasted for 2 hours.