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Overview

I、Warnings and Precautions

(I) Warnings and Precautions

Definition of “Warning”, “Caution” and ”Precaution”

Diagnosis and repair procedure in his workshop manual generally content “Warning”, “Caution” and ”Precaution” of two kind, general and specific, which are meant to help the technician’s diagnosis and service to enable the vehicle function, but if the technician do not follow the recommended procedure, certain danger may happen to the technician.

“Warning”, “Caution” and ”Precaution” are made to avoid danger, while not all the danger are foreseeable. Those message will put on obvious position to avoid situation below:

- Injury to person
- Vehicle damage
- Unnecessary repair
- Unnecessary component replacement
- Improper repair or replacement

Definition of “Warning”

If seeing “Warning”, which request you have to take necessary movement or forbidden to do something. If ignoring “Warning”, following situation may occur:

- Serious injury to person
- Injury to driver or passenger if improper repairing

Definition of “Caution”

If seeing “Caution”, which strictly request you have to take necessary movement or forbidden to do something“, if ignoring “Caution”, following situation may occur:

- Vehicle damage
- Unnecessary repair
- Unnecessary component replacement
- Abnormal function of repaired system
- Component damage
- Damage of fasten component, basic tools or special tools
- Engine coolant or lubrication leakage

Definition of “Precaution”

“Precaution” is mainly emphasis the necessity of diagnosis or repairing, purposes of which as below:

- Clarify the procedure
- Supplementary information to accomplish a procedure
- Clarify the reason of recommended operation
- Helps to provide a more efficient way to complete the program information
- Provide information to the technician of past experience, in order to more easily complete the program

Warning about vehicle lifting

- △ Warning To avoid vehicle damage, serious injury or even death accident, when removing the main components from vehicle with lift supporting, jack should support to the corresponding vehicle area to the component to be removed .

Warning about the repairing tool

- △ Warning To avoid injury caused by toxic fumes due to grinding / cutting of metal or plastic exposing to welding arc or plating (zinc oxide) metal, repair should carry out in good ventilated area and wear a license respirator, goggles, earplugs, gloves and protective clothing.

Warning about the assistant driving

- △ Warning When the technician checking the failure, vehicle should be driven by the assistant. Otherwise, it may result in personal injury.

Warning about disconnecting the battery

- △ Warning Before repair any electrical components, the ignition key must be in the OFF or LOCK position and all electrical loads must be "OFF (closed)", unless operation standard require the exception. Disconnect the negative battery cable if the tools or equipment are easily accessible to exposed energized electrical terminals,. Violation of these safety instructions could result in personal injury and / or damage to the vehicle, vehicle parts.
- △ Warning Disconnect the battery negative at least 90s if airbag repairing needed.

Warnings about the inhalation of R134a

- △ Warning Avoid inhalation air conditioning refrigerant 134a (R134a) and lubricant steam or mist which can irritate the eyes, nose and throat if contact. Operation should be under a well-ventilated area. When discharged R134a from the air conditioning system, you should use certified to meet the maintenance equipment (R134a recycling equipment) SAEJ2210 requirements. If accidental draining occurs, working area should be ventilated before repairing. Additional information on health and safety can be obtained from the refrigerant and lubricant manufacturers.

Warning about the collision and cut

- △ Warning Only cut the recommended parts , otherwise it will destroy the integrity of the vehicle structure and cause injury when the vehicle collision.

Warnings about the cracks in the windows

- △ Warning If a fan window glass cracked but still complete, use tape to stick and protect the window cross-shaped , to avoid further damage to the window glass or injury.

Warnings about the window lift function

- △ Warning When operating in the driver's door power window switch, quick up / down feature allows the window to move fast, and can not stop, which may result in personal injury.

Warnings about eye protection

- △ Warning You should wear certificated goggles and gloves to reduce the risk of injury

Warnings about the foam soundproofing material

- △ Warning When repairing the vehicle body and fire needed, distance between foam insulation materials and the fire must be control out of the range of 152.4mm , avoid smoke inhalation when re-install foam insulation materials, in case of harm to health.

Warnings about the glass and metal plate processing

- △ Warning When dealing with any glass or metal plate with sharp edges or burrs, you should wear certificated goggles and gloves to reduce the risk of injury

Warnings about halogen bulbs

- △ Warning Halogen bulb contain high-pressure gas, improper handling will cause explosion of the bulb.

To avoid personal injury:

- Turn off the light and the let lamp cool down before replacing the lamp.
- Keep lights switch off until lamp replacement finish.
- When replacing the halogen bulb, be sure to wear goggles.
- When holding the bulb, hold the bulb base to avoid touching the glass.
- Bulb should avoid contact with dust and moisture.

- Properly deal with the waste bulb.
- Keep the children away from halogen bulb.

Warnings about the moving parts and hot surfaces

- △ Warning When the engine is running, you should avoid contact with moving parts and hot surfaces to avoid injury

Warnings about the goggles and gloves

- △ Warning Be sure to wear goggles and gloves when removing exhaust system parts, or else rust and sharp edges fall from worn exhaust system parts might cause serious injury.

Warnings about the removal of the reservoir cap

- △ Warning To avoid being scalded, before the engine cool down, you should not remove the reservoir cap. The cooling system will release scalding liquid and high-pressure steam if the engine and radiator are not cooled and cap removed.

Warnings about road test

- △ Warning Under the premise of ensuring safety and complying with all traffic laws, during the road test, do not try any operation that might put risk to the vehicle control, otherwise, personal injury and damage to vehicles might occur

Warnings about the goggles and fuel

- △ Warning When handling fuel, be sure to wear goggles to prevent fuel splashing into the eyes

Warnings about the airbag system

- △ Warning The car is equipped with airbag system, if correct procedures are not followed, following circumstances might occur:

- Airbag spread
- Pre-tensioner explode
- Personal injury
- Unnecessary repairing of the airbag system

- △ Warning following rules should obey to avoid situation below:

- Should refer to air bag system components view, and ensure whether you're operating around air bag system components or operating on air bag system circuit.
- If you're operating around air bag system components or operating on air bag system circuit, should release air bag system.

Warning about the high temperature of the deployed airbag module

- △ Warning After commencement, the metal surface of the airbag system components may be very hot, in order to avoid fire and personal injury:

- Sufficient cooling time needed before touching any metal surface of the airbag system components.
- Never put any combustibles next to the charged airbag system components.

Warnings about the airbag system clock spring

- △ Warning Improper installation of clock spring assembly will damage the internal clock spring spiral coil, which may cause malfunction of airbag module, and resulting in personal injury.

Warnings about safety airbag module system scrapped

- △ Warning To prevent accidental airbag expanded, resulting in personal injury, unused air bag module according to conventional waste disposal plant. If the sealed container is damaged during the scrap, some of the substances contained in the unused modules may cause serious illness or injury. Expand the use of procedures, safety scrapped unused airbag module.

Warnings about the airbag system pick up and store the air bag module

- △ Warning When transporting unused airbag module:

- Do not carry or lift the wire connector on the airbag module will be handling.
- Ensure airbag opening is not facing you or others.

- △ **Warning** When storage when not deployed airbag module to ensure the balloon toward the place is not open bag module surface. Balloon down openings must not prohibit placing any objects on the air bag module, should be enough space around the balloon for the balloon accident unfold, otherwise it will hurt.

Prohibited unused airbag module submerged or contact with other liquids.

Prohibited unused airbag module placed near the fire or high temperature region, to prevent accidental air bag unfold wounding.

Warnings about handling airbag crash sensor

- △ **Warning** Never hit or shake warning airbag crash sensor, before powering the crash sensor, ensure a crash sensor is firmly fixed, improper installation may cause the airbag system mistakenly burst or malfunction and cause injury.

Important Note about lifting the engine

- △ **Important note:** When lifting or supporting the engine, do not the jack under the oil pan or any sheet metal or crankshaft pulley under any circumstance, improper lifting will cause component damage.

Important Note about removing exterior logos

- △ **Important Note:** When removing the label / plate, use a plastic flat-bladed tool to avoid damaging the paint.

Important Note about fasteners

- △ **Important Note:** Use the correct fastener in the correct position, replace fasteners must be the correct part number, if replacing fasteners needed or thread locking glue needed, the repair procedure will specifically indicated, paint or lubrication oil or anti-corrosion liquid are forbidden unless special demands. These varnish affect fastener torque and clamping force and damage the fastener. When installing fasteners, be sure to use the correct tightening order and tightening torque to avoid damage to parts and systems.

Important note about handling ESD sensitive components

- △ **Important Note:** Electrostatic discharge (ESD) can damage many electrical components, parts susceptible to ESD is not always marked character, carefully deal with all electrical components. Please be note with the following safety instructions to avoid damage by electrostatic discharge:
 - Before servicing any electronic components, touch a metal grounding point to release static electricity in the body (especially after rubbing on the vehicle seat).
 - Never touch exposed terminals, which may be connected to ESD circuit.
 - When repairing connector, do not contact the exposed terminals with tools.
 - Do not remove the component from its protective casing, unless the instruction require
 - Avoid the following operation unless special request when diagnosing:
 - Components or connectors jumping connected or grounding.
 - The test device is connected to the probe or connector components, the use of test probe, connect the grounding wire. Before opening the protective casing parts, the first of its grounding, not the solid metal parts on top of the table or a TV, radio and other electrical equipment.

Important Note about switching OFF when disconnecting the battery

- △ **Important Note:** When connecting or disconnecting the battery cables, battery charger or jumper cables, be sure the ignition switch is in the OFF position, otherwise the control module or other electrical component may damage.

Important Note about do not twist or bend the hose during installation

- △ **Important note:** Inlet and outlet hose must not be twisted during the installation process for convenience, or might cause component damage.

Important Note about using fault diagnostic instrument

- △ **Important Note:** Before the vehicle diagnosing, following conditions must be aware, or might cause damage to the control module.
 - Fault diagnostic instrument and terminal software version must be full updated.
 - The vehicle battery must be fully charged, the battery voltage should be between 12-14V.
 - Connection cable between fault diagnostic instrument and terminals must be strong.

- When programming the control module, battery charger must not be connected to the battery.

Important Note about the steering wheel in turn limit position

- Δ Important Note: steering wheel staying at limit position should not exceed 5s, it may damage the steering pump.

Important Note about test probe

- Δ Important Note: Do not put probe of test equipment (digital multimeter, etc.) into the harness connector or terminal in the fuse box, which will make the most of the diameter of the test probe terminal deformation contact problems after the terminal deformation, resulting in system failures, be sure to use special tools to detect the terminal from the front, not to detect the terminal with a paper clip or other alternatives.
- Δ Important Note: When using a special tool to test components, ensure that the selected terminal test adapters meet the size of the connector terminals, do not rely on visual test to select the terminal adapter, because some hole connector terminal may seem practical than the hole terminal to be large, with large terminal test adapter will damage the terminal.

Important Notes about window edge damage

- Δ Important Note: to avoid hit on the exposed edge causing window damage, the window must be lower than the surface of the sheet metal by 1mm, to avoid damage to the window.

II、Vehicle Inspection

(I) Checklist when operating vehicle

Loudspeaker operation

Occasionally pressing the horn to ensure that the speaker is working properly, check all the button.

Brake system operation

Abnormal noise, increasing the brake pedal stroke or repetitive braking deviation phenomenon should be aware when braking. In addition, if the brake warning light illuminate or flash, which means certain part of the brake system may fail.

(II) Checklist when refueling

Any system (except windshield washer outside) showing leakage of oil indicate a fault, the system should be checked and repaired immediately.

Check the front windshield cleaner liquid

Check the containing of glass cleaner, if necessary, add glass cleaner if necessary.

(III) Monthly checklist

Lights operation

Check the license plate lights, headlight (including low beam), parking lights, fog lights, tail lights, brake lights, turn lights, reverse lights and hazard warning flasher operation.

Oil leak check

After the vehicle is parked for some time, you should regularly check whether there is water, engine oil, fuel or other liquids under the car. Drip from air conditioning system after using is normal, if you find fuel leaks or find smoke, you should immediately find the cause and troubleshooting.

(IV) Checklist twice a year at least

Doors and windows sealing strip lubrication

Make a lubrication film on the sealing strip with a clean rag.

(V) Annual checklist

Status and operation of the seat belt

Check the seat belt system, including woven belt, lock, lock plate, retractor, guide ring and fixtures.

Spare tire and jack storage

Rear of the vehicle appears rattle sound, spare tire, all lifting equipment and tools must always be fixed, and after each use, with engine oil lubrication jack ratchet or screw mechanism.

Key-lock maintenance

Key cylinder lubrication.

Body lubrication and maintenance

Lubricate all door hinges, including the hood, fuel filler door, luggage compartment (back door) hinges and latches, the glove box and console doors, and any mechanical folding seats.

Vehicle bottom wash

First, loose the deposit waste in closed area , then clean the bottom of vehicle body with water. After the winter, the vehicle bottom should be flushed one time at least every year, which will clean snow and ice and corrosive substances.

III、Vehicle lifting

(I) Lifting and rising vehicles

See "Warnings and Important Notes" in the "lift vehicle warning."

To avoid injury, when working on or under vehicle only supported by jack, be sure to use the jack stand.

The rear end of the lift pad should be placed in the following locations: between the rear frame rails and side frame rails even Received at the following.

△ Note Rear lifter block should be contact with frame or floor of the carling between the threshold and frame.

Lift the front pad will be placed in the following locations: between the frame rails and side frame rails at the front connection below.

△ Note Rear lifter block should be contact with frame or floor of the carling between the threshold and frame.

IV、Maintenance

(I) Specification

Oil Capacity List

No	Name	Lubricant/Lubrication Code	Amount
1	A/C compressor lubricant	PAG56	0.12L
2	Brake liquid	DOT4	650mL ±50mL
3	A/C refrigerant	R134a	460g ±20g
4	Washing liquid	NC310-c	4L
5	Coolant	50% concentration of glycol coolant	6L

(II) Regular maintenance instructions

Normal use of the vehicle

Maintenance items given in maintenance program are for following purposes: Tire restriction label regarding the load and passenger limit located in the driver's door edge.

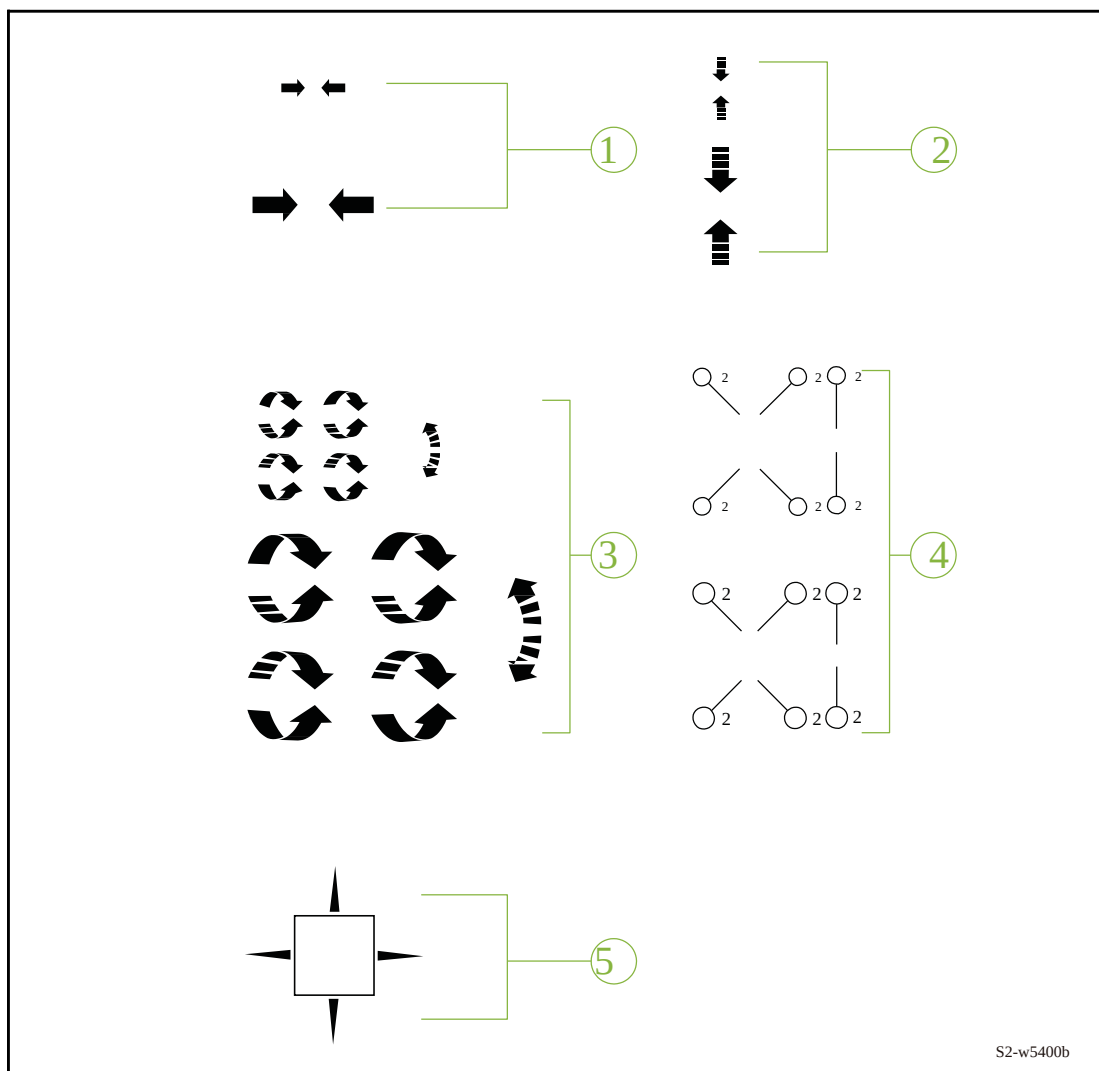
Drive on proper road and follow standard procedure.

Maintenance Program Item Description

Maintenance items listed in the maintenance program are described below in detail, in the implementation of the following maintenance items, be sure to replace all the parts and complete all necessary repairs before driving on the road, be sure to use the proper oil and lubricants.

V、Maintenance Information System

(I) Illustration of arrow and symbol in manual



1. Pointing arrow

2. Removing direction arrow

3. Rotating direction arrow

4. Component number remark

5. Partially amplify

VI、Health and Safety

(I) Illustration

Vehicle maintenance and repair will affect many operations related to personal safety or health problems, this section lists some of the hazards associated with materials and equipment operations and lists the safety rules to avoid such hazards.

This section does not include all matters related to health and safety, all operations and procedures and dealing material should be implemented at the premise of health and safety. Before using any product, you should review the manual provided by the manufacturer or supplier.

(II) Acid and alkali

E.g., corrosive sodium sulfate.

Used for cleaning battery and other materials.

Irritant or corrosive to eyes, skin, smell and throat, and cause body burns, damage to ordinary protective clothing.

Avoid splashing in the eyes, skin and clothing, wear proper protective clothing, gloves and goggles to avoid inhalation of spray.

Be sure following items prepared nearby devices: eye wash bottles, lotus and soap, which will ensure you can always get timely relief.

Eye danger signs marked prominently.

(III) Airbag

For highly flammable, explosive material- comply with the smoking ban

Airbags mounted in the steering wheel, front passenger seat, passenger front dashboard and inside A-pillar, B pillar, C pillar as a secondary safety system.

Airbag expander containing the high-energy propellant will produce a high temperature gas (2500 °C / 4532 °F) when ignited.

Such propellants are sealed and stored in a sealed assembly, when the propellants acted, the air produced will instantly fill the airbag. The airbag must be not open when repairing, which will lead to contact with the propellant and cause danger, if you find the occurrence of airbag expander, when dealing with spilled material, protective clothing should wear.

After airbag detonated in the normal process, safety goggles and gloves should wear.

Detonated air bag should be dealt according to local laws and regulation

If get contact with gas derivatives, you should:

- wash the contact area with water
- seek for medical care if necessary

Gasbag- Procedures should be performed

For your safety, please wear protective equipment when performing following procedures; when removing the gasbag, be sure to switch the car ignition to "LOCK", unplug the key, and wait 90s demolition work after disconnect the battery negative.

The air bag module should be stored in an upright position.

Keep the air bag module dry during storage.

When handling the airbag module, keep your body away from the airbag and do not touch electrode with hand.

Place the airbag module with the cover facing up.

Check if the airbag component damage.

Disconnect the battery negative before install the airbag, stand by the side of the airbag component after wait for 60s.

Adjust and maintenance all device carefully.

Wash hands after handling the exploded airbag.

Airbag-Forbidden operation

Flammable materials and components or gas generator must not be stored together.

The airbag assembly can't be immersed in water or other liquids.

The gas generator can't be stored at environment temperature higher than 80 °C / 176 °F .

The components can't be stored upside down.

Do not attempt to open the gas generator housing.

Do not exposed the gas generator to fire or heat sources.

Do not place other items on the component cover.

Do not use damaged components.

Do not touch the components or gas generator after 10min the airbag module exploded in the air bag module 10min, touch the components or gas generator.

Do not use any electrical probes in electric loop.

(IV) A/C refrigerant

Cold injury might cause by skin contact.

Instructions provided by the manufacturer must be complied, avoid exposure under bare lamp, wear proper protective gloves and goggles.

If skin or eye contact with refrigerant, use water to wash the contact area immediately. Use proper medical liquid to wash your eyes, do not rub your eye, get medical aid if necessary.

Refrigerant-Forbidden operation

The refrigerant can't be stored in direct sunlight or near heat source

When filled, the refrigerant can't bottle upright, keep their valve downwardly.

The refrigerant tank can't be exposed to frost or ice.

Do not let the refrigerant bottle fall. Under any circumstances, the refrigerant should not be exhausted to the atmosphere directly.

Do not use mixed refrigerant, such as R12 (dichlorodifluoromethane) and R134a (Tetrafluoroethane).

(V) Adhesives and sealants

Important note:

Before using adhesive / sealant, be sure to the surface cleaned, and use special cleaning agents to wipe, so as not to affect the bonding effect. When using sealants, do not let the fast-solidification sealant get into threaded blind hole, if the room temperature curing sealant into the threaded blind bore, the fastener will produce hydraulic lock effect when tightened, resulting in the fastener and (or) damage to other components, and will not get the correct fastener clamping force when tightened, the sealing effect sealant deterioration, leading fastener not properly tightened, so that loose parts or separation, resulting in serious damage to the engine and other components.

Health and Safety

Adhesive / sealant contain harmful substances, long-term exposure can cause acute and chronic poisoning, occupational disease, skin diseases and other diseases. During glue coating, using ventilation equipment to keep the workplace ventilated; Operators must wear protective gloves, masks, protective clothing, etc., after the work is completed, we should carefully wash their hands, keep the workplace clean and tidy, sanitation .

Glue or solvent waste should be clean timely, but not long-term accumulated.

Products should normally be stored in non-smoking areas, try to use the applicator or container to construct.

Adhesives/Sealants Repair

When vehicle get damage in failure or accident, causing body deformation, cracking steel, solder shedding phenomena, sometimes even damage the engine assembly, chassis, resulting in some of the adhesive / sealant products loose, damage. When repairing, use correct sealant based on the components material and functional requirements, following listed adhesive / sealant are the possible sealant needed when repairing.

Vehicle body repair

After body and interior steel suffer deformation or cracking, adhesive coating on the vehicle body loose or crack, during maintenance, repairing coated parts needed.

First, use a knife to remove the adhesive surface on the body, the remaining adhesive can be wiped clean with alcohol; use special detergent to wipe glue parts, avoid excessive glue and other impurities left in the surface; then repair adhesives applied in the original sizing site, thus achieve bonding and sealing effect.

Component Part Maintenance

After some interior parts, engines, transmissions and other parts were damaged, repairing such as bonding and sealing are needed. Before coating sealant, clean the adhesive surface to avoiding glitches and cracks impact the bonding effect.

Note when repairing

- Adhesive / sealant prevent water and dust from entering the vehicle, and anti-corrosion. When using the adhesive / sealant to close the opening seams, high consistency filler is recommended to use. Follow the instructions to operate.
- When spray adhesive / sealant material, preventive measure must be taken to avoid spraying into the opening parts (such as door locks, window lift slots, window regulators and seat belt retractors) and any movement, rotating parts in particular the parking brake cable. After the spray adhesive / sealant, all bleed hole should be open after sparing.
- During operation, you should wear special protective glasses and gloves, in case of injury.
- When the vehicle comes out from the factory, the body sheet metal is painted, after repair and / or replacement of parts, all exposed metal surfaces must be treated with anti-rust primer before we can coat glue .
- After glue coating, some adhesive / sealant needs drying treatment, treatment condition is (70-80) °C, 20-30min.

(VI) Asbestos

Inhalation of asbestos dust can easily cause lung damage, and even cause cancer.

When handling asbestos dust, wet them and placed in sealed container and make mark on the cover, for convenience and safety. If you need to cut or drill holes in asbestos-containing materials, be sure to wet it first, and use hand tools or low-speed power tools only.

(VII) Battery acid

Gas released when charging is explosive, do not use fire near charging battery or battery full charged recently.

Keep good ventilation.

(VIII) Chemical materials

Such as solvents, sealants, adhesives, paints, resin foam, battery acid, engine coolant, brake fluid, fuels, lubricants and greases chemical materials, and in the use, storage and handling should be very Note. They may be toxic, harmful, corrosive, irritant or highly flammable, and high risk of odors and dust.

Long-term excessive exposure to chemicals in the environment may be affected immediately or chronic, short or forever, the cumulative surface, life-threatening, or might affect life expectancy.

Chemical materials - operations should be performed

- Carefully read and follow the warnings and cautions on raw container, and any accompanying leaflets, posters or other instructions for use, the health and safety of raw data form, made by the manufacturer.
- After contact with chemical materials, removed from the skin and clothing as soon as possible.
- Strictly follow the correct procedure, and wear protective clothing to avoid direct contact with skin and eyes.
- When handling chemical material, before the break, eating, smoking, or using toilet , you must firstly wash and clean yourself.
- Keep the work area clean, tidy and not chemical material spill.

Chemical materials - forbidden operation

- Do not mix chemicals, unless the manufacturer's instructed so; some chemicals will form toxic or harmful chemicals when mixed, and might cause explosion and other accidents
- Not spray chemicals in a closed environment.
- Do not heat on the chemical material, unless the manufacturer instructed so. Some chemicals are highly flammable, while others may release toxic gases.
- Chemical container should keep closed as necessary, exudes gases may accumulate to toxic and harmful degree or explosion. Some of the gas is heavier than air and may accumulate in an enclosed space.
- Do not load the chemical material within the container with no mark.
- Chemical materials can't be used to clean hands and clothing. Chemicals, especially solvents and fuels will dry the skin, or cause allergies, skin inflammation or be absorbed through the skin directly toxic and harmful substances affect health.
- Unless contain is clean surely, it can't be used for storing other chemical materials.
- Do not freely sniff or smell chemical materials, which may cause toxic or damage.

(IX) Dust

Powder, dust and dust may be irritating, harmful or toxic, avoid inhaling powdered chemical materials and operations due to dry friction dust raised, if ventilation is poor, you need to wear respirators, protective gear to prevent inhalation of dust.

Combustible dust may cause explosion, thus avoid explosion and fire.

(X) Electric shock

Mistaking using electrical device not according to instructions or abusing electrical device in good condition may cause electrical shock.

Maintenance and test the electrical equipment periodically. Faulted device should be marked, and it's better to remove out of operating area.

Do not wear, kinking, cutting, cracking or damage the wires, cables, plugs and sockets are subject, do not let the electrical equipment and wiring contact with water.

Ensure proper protection of electrical equipment with fuse.

Do not misuse electrical equipment, or use any failure risky equipment, which may result in personal injury.

Cables of Electrical equipment should be nip or damage when moving.

Electrical operator should be trained with basic first aid.

When shocked:

- Before contact with the victim, turn off the power.
- If you can't turn off the power, use a dry insulator material to remove the power from the victims.
- If you received specialized training in first aid, first aid immediately.
- Request medical assistance

(XI) Exhaust gas

The exhaust gas containing toxic, harmful chemicals, such as carbon oxides, nitrogen oxides, acetaldehyde, lead and aromatic hydrocarbon substances. Engine can run only when the working place is well ventilated with proper ventilation device.

(XII) Fiber isolation

To isolate noise and sound.

Sharp edges on fiber surface can cause skin irritation.

Comply with instructions and wear gloves when operation, avoid excessive skin contact with fiber.

(XIII) Fire

Many materials related with vehicle repairing are extremely flammable. Some materials will produce toxic and harmful gases after burning.

In the storage and handling of flammable materials or solvents, do follow the non-fire rule, especially near electrical equipment or welding operating places.

Before using electrical and welding equipment, you must first confirm that no fire hazard.

During welding or using a heating device, you should prepare a proper fire extinguisher around the work area.

(XIV) First aid

Comply with the law, personnel received professional training in first aid should be prepare in the workplace for insurance.

If the eyes are splashed, you should at least rinse them for 10min with water.

If the skin is contaminated, you need to use soap and water to clean the contaminated area.

If cold injured, put the injured part in ice water or cold water.

Personnel inhaled of toxic gases should immediately transferred to place with fresh air, seek medical attention immediately to the hospital. If accidentally swallowed the liquid, you should remember the information on the container and tell the doctor, do not freely lead yourself vomit unless instructed.

(XV) Foam – Polyurethane

Curing foam is used for buffering cushion of seat and decoration.

Comply with manufacturer's instructions

Component does not produce chemical action irritating to the skin and eyes and may be harmful, the need to wear gloves and goggles to operate. Chronic respiratory diseases, asthma, bronchial problems, or suffering from atopic personnel should not handle or near UNSLAKED substances.

Its spare parts, vapor or spray may cause direct irritation and allergic reactions and may be toxic and harmful

Do not breathe vapor or spray, these materials must be used in a well-ventilated and protected respiratory conditions. The masks can't be removed immediately after the spray, wait vapor or spray before removing completely dissipated.

Uncured foam components and has matured combustion, will produce toxic and harmful gases, during the bubble period of operation, unless vapor, spray has been completely cleared, otherwise prohibit smoking, use of fire and electrical equipment, foam or any special foam thermal cutting, should be operated in good ventilated environment.

(XVI) Fuel

Minimize skin contact with fuel directly, if exposed to fuel, should immediately direct contact with the skin of fuel and water to wash with soap.

Gasoline

Extremely combustible materials-Non-smoking

If swallowed, can cause mouth and throat irritation, stomach absorption can lead to general weakness and confusion, a small amount of gasoline will affect the lives of children, so if the liquid into the lungs, is a very dangerous thing.

Gasoline can cause dry skin, long-term contact will result in skin irritation and dermatitis, liquid entering the eye will cause severe eye pain

Gasoline may contain large amounts of benzene, which can cause poisoning after inhaling, the concentration of gasoline vapors must be kept at low and high concentrations of gasoline vapor can cause eye, nose and throat irritation, nausea, headaches, depression and drunkenness physical discomfort, a high concentration of gasoline vapors can cause consciousness loss rapidly.

When handling gasoline, keep good ventilation, avoid inhalation of gasoline vapors, especially in confined spaces attention when operating.

Gasoline should not be used as cleaner, do not suck with your mouth.

(XVII) General workshop tools and equipment

Always keep all the tools and equipment in good working condition, and proper operation with them during use.

Remember not the tools or equipment, used in its design features incompatible uses. Don't make cranes, jacks, axle and chassis brace or sling like device can withstand more than its maximum limit load. Damage caused by overload may not

immediately apparent, it may cause a serious accident the next time you use.

Do not use damaged or poor working conditions tools or equipment, in particular certain high-speed devices such as: wheel. Damaged wheel will be broken down without warning and cause serious injury.

When using the grinding wheel, chisel or blasting equipment, wear appropriate eye protection equipment.

When using sandblasting equipment to handle asbestos-containing materials or use spray equipment to operate, you must wear appropriate respirators.

Ventilation equipment should be able to control dust, spray and smoke in the environment.

(XVIII) Lubricants and greases

Avoid long-term repeated contact with oils, lubricants and greases, which all are irritated to eyes and skin.

Health Protection Safety

- Wear protective clothing, including impervious gloves.
- Do not wear engine oil contaminated clothing and shoes. Clean the suit regularly,
- Open wounds should be timely treated.
- Avoid skin contact with engine oil directly, with cream coated on hands.
- Wash with soap and water, remove all engine oils. Applying protective agent containing lanolin will help replace the natural oils on the skin are removed
- If the skin lesions occur, immediately seek medical treatment.
- Before working, remove the residual oil as possible
- If there is possibility of direct contact with the eye, you should wear goggles such as chemical goggles or face shield; as well as eye wash equipment.

Environmental Considerations

Waste engine oil and oil filter should be disposed by licensed recycling or waste disposal licensed provider, or waste engine oil recyclers. If in doubt, you should contact your local authorities deal with workplace related sectors.

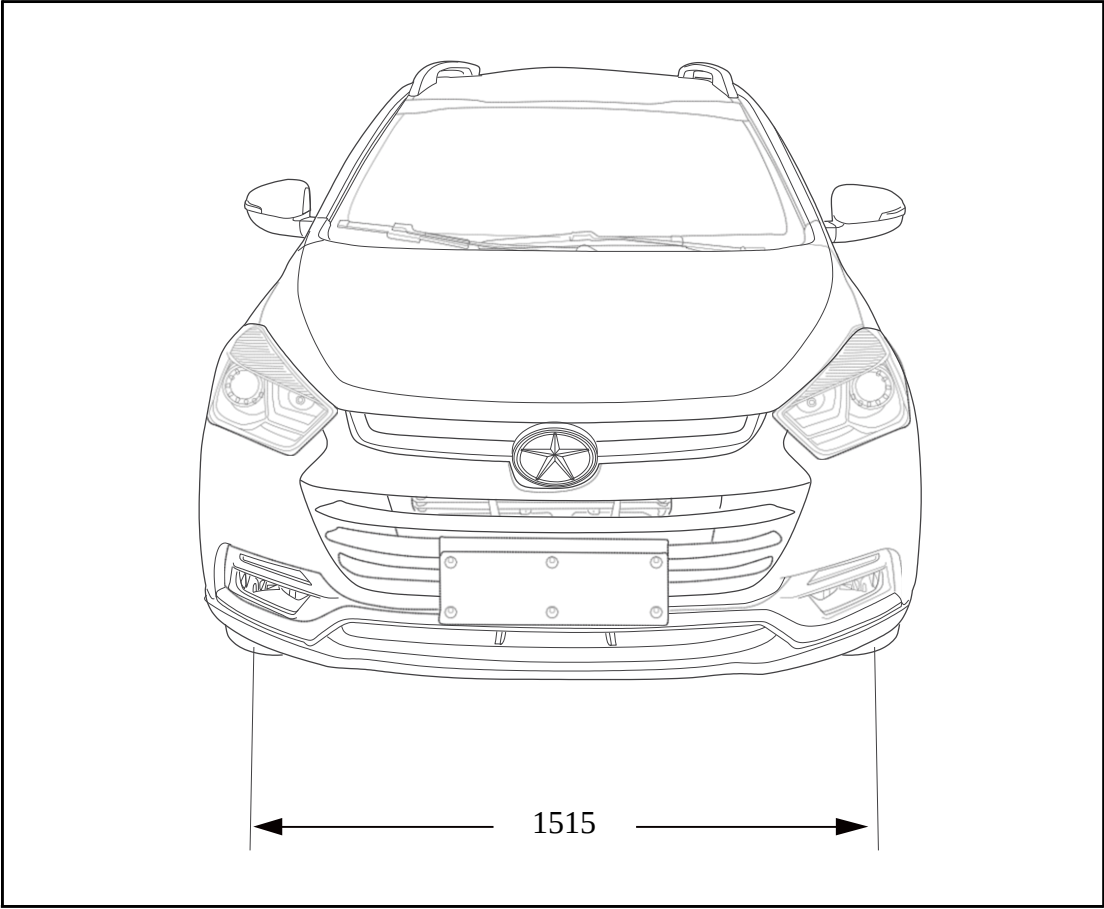
Discarding the used engine oil directly into the ground, sewer or drainage, or water pipe is illegal.

(XIX) Noise

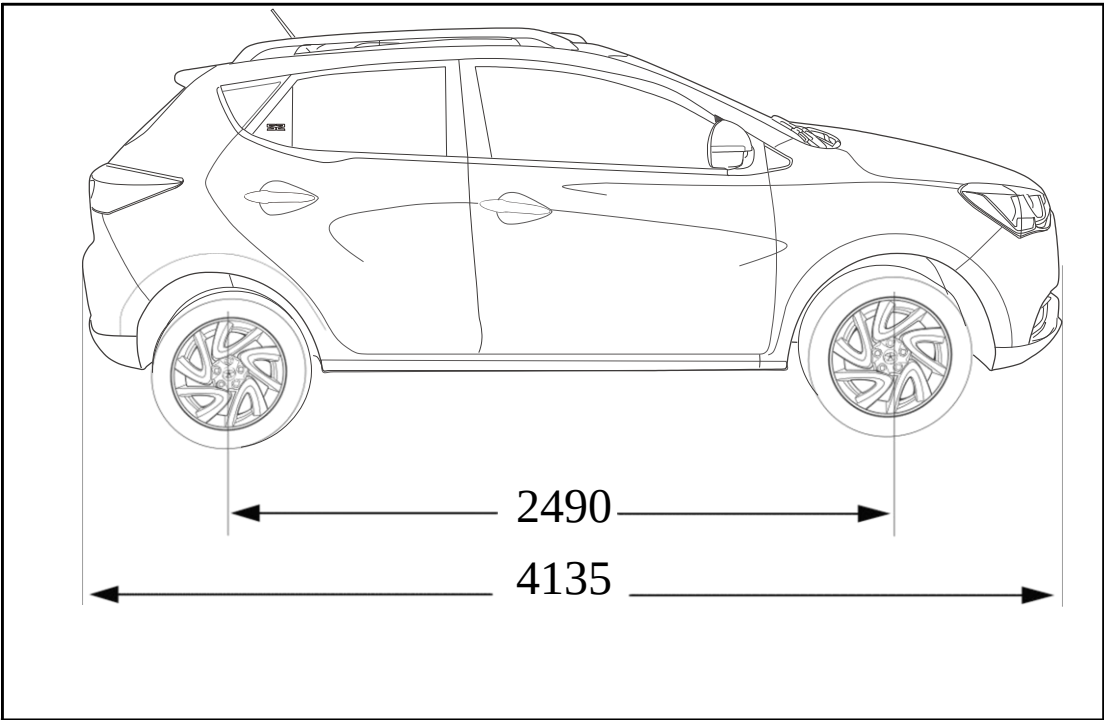
High-decibel noise can be produced during some operation, which may cause hearing damage. If so, you should wear appropriate hearing protection devices.

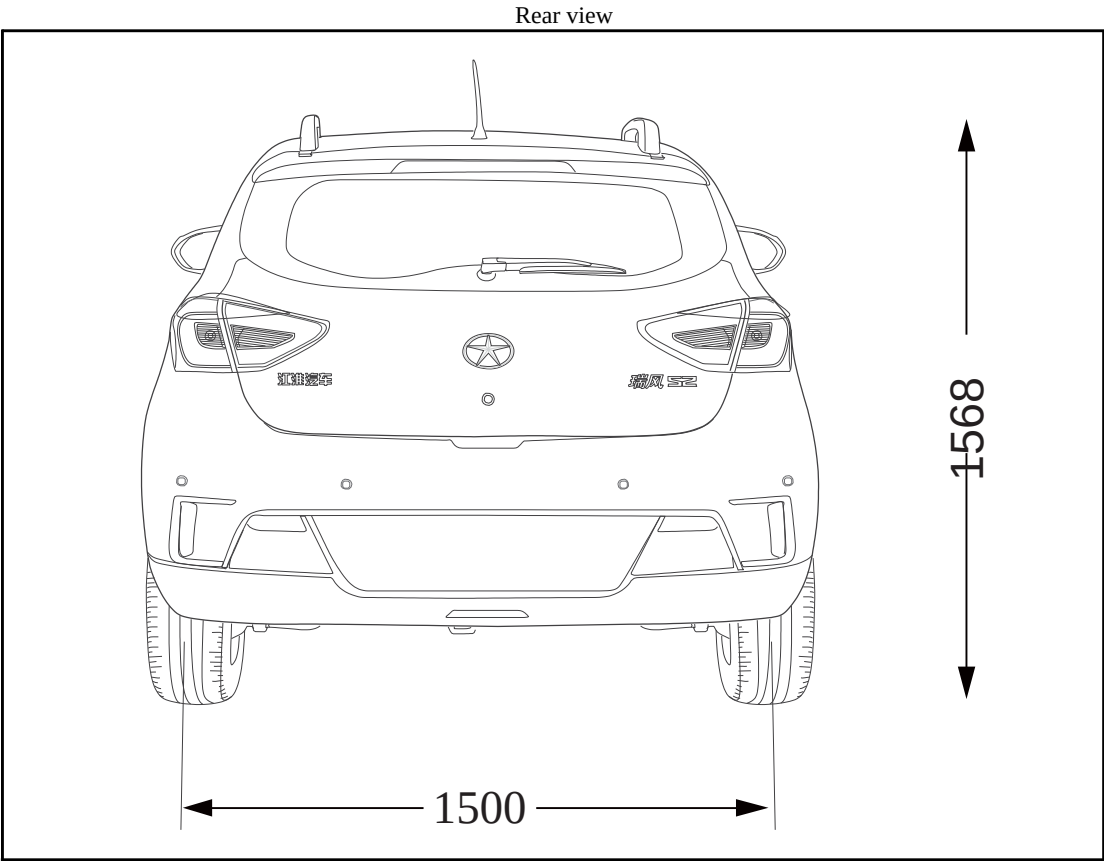
VII、 Vehicle Specification

Front view



Side view





(I) Vehicle main dimensions

Item	Reference value (5MT)	Reference value (CVT)	Unit
Total length	4135	4135	mm
Total width	1750	1750	mm
Total height (unloaded with luggage carrier)	1568	1568	mm
Axle distance	2490	2490	mm
Front wheel distance	1515	1515	mm
Rear wheel distance	1500	1500	mm
Trunk size	250	250	L

(II) Vehicle quality parameter

Item	Reference value (5MT)	Reference value (CVT)	Unit
Passenger seats	5	5	Person
Vehicle quality	1155	1175	Kg
Maximum loaded quality	1530	1550	Kg
Rated front axle load	680	705	Kg
Rated rear axle load	475	470	Kg

VIII、Vehicle identify

(I) Vehicle Identification Number

VIN

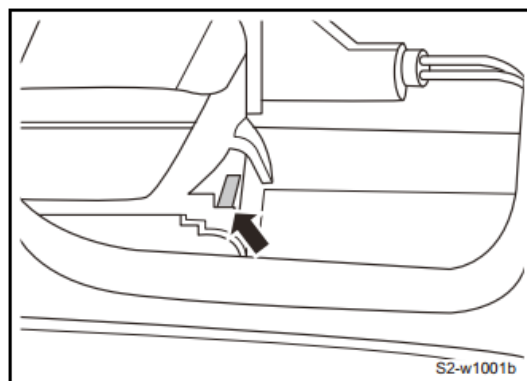
VIN is statutory mark.

VIN position

VIN is caved at right front seat mounting beam.

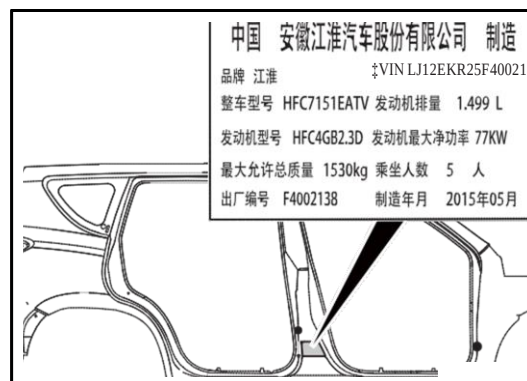
Label position

VIN label locate at the left upper of the instrument cluster, which can be seen through the wind shield.



(II) Label

Label-vehicle qualification



IX. Noise and abnormal sound

(I) Diagnostic information and procedures

Wind noise / Airborne sound

△ Note When technician check faulted part, assistant should be in charge of driving, otherwise, it may cause injury accident

Test drive should be processed inside of the car, as accurately identify the location of wind noise. Generally, the presence of major leaks and wind noise minor leak, if not repair all leaks in the repair process, it can only reduce wind noise, but not completely eliminate wind noise. Be sure to take the time to test drive maintenance personnel as a tool to help diagnose the specific location of wind noise:

- Stethoscope
- Masking Tape
- caulking strips
- marker
- Screwdriver

Road test in accordance with the following procedure

- Select a path, which has a straight street, east, south, west and north of the four different directions.
- Select the street with fewer or smaller noise, in order to avoid impact.
- The customer thinks is most obvious noise or emit noise road test under speed, do not exceed the limit speed.
- Wind noise in following cases are the external wind noise
- After lowering the window glass of the vehicle while driving wind noise can be heard immediately..
- When the tape seal all the decorative seals and clearance, wind noise immediately disappear. Wind noise is caused by the internal air escaping to the outside, the repair should be as following:
- After confirm the leak position, use adhesive tape to stick the door pillar relief valve body. The car will immediately form a pressure, and enhance the wind noise.

- Use a stethoscope to confirm the location of leaks.
- Use masking tape temporary repairs leak site.
- Continue the road test to confirm whether the noise is total eliminated or there is other leakage.
- After confirm all leakage position, return to the workshop, use professional sound localization and permanent sealing materials to repair.

Abnormal sound

Common troubleshooting as below:

No.	Symptom	Check position	Solution
1	Crunch sound when engine run at high speed	Check interference between heat-proof and vehicle bottom	Lift the vehicle and inspect
			Slightly bend the heat-proof, make clearance with bottom
2	Squeak sound when vehicle working in cold weather	Check front balance rod vibration-proof coat	Drive through a cavity road in cold weather, make the front suspension at maximum distance
			Disassemble the vibration-proof coat and wrap around with tape, install the coat on the tape
3	Muffled sound from the rear when vehicle jolt	Check the spare tire in trunk, fixed or not	Open the trunk and check the tire and tools
			Fix the tire and the tools
			Road test to confirm the result
4	Glass knocking sound when vehicle jolt	Check the rear door locker assembled properly or not	Road test to check the problem
			Unscrew the locker nut and just the locker
5	Crunch in the door	Check the inner door panel label connector	Knock the inner door panel to check the crunch sound
			Disassemble the door inner panel, protect the cable connector with foam cushion if necessary
6	Squeak when using door	Check if the door hinge is not lubricated properly	Use the door to check the noise
			Lubricate the door hinge

(II) Repair Guidance

Wind noise / air sound

External wind noise

Wind noise leak repairing and water leakage repairing are very close. The actual repair procedures depend on the sealing parts.

Abnormal sound

Repair abnormal sound

Abnormal noise is mainly from the unnecessary relative motion of the vehicle parts. There are three ways to repair abnormal sound

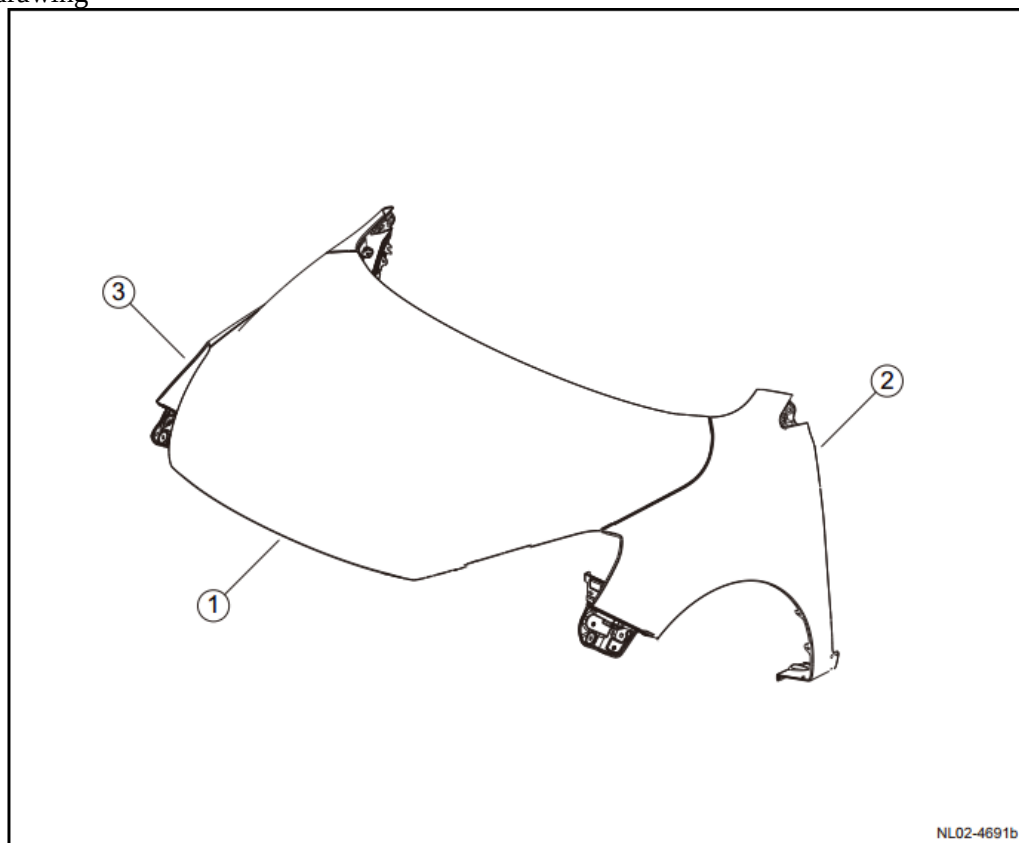
- Fastening parts to stop the unnecessary relative movement of the vehicle when moving
- Separating parts to avoid unnecessary contact.
- Isolating parts, so that there is no abnormal noise components generated when moving

Engine Hood and Fender

I、Overview

(I) Structure overview

Position drawing



1. Engine hood assembly 2. Left fender
3. Right fender

(II) Maintenance and Technical Parameter

SN	Items	Adjust Parameters
1	The proper alignment of left and right hinge axis of hood	0.5mm

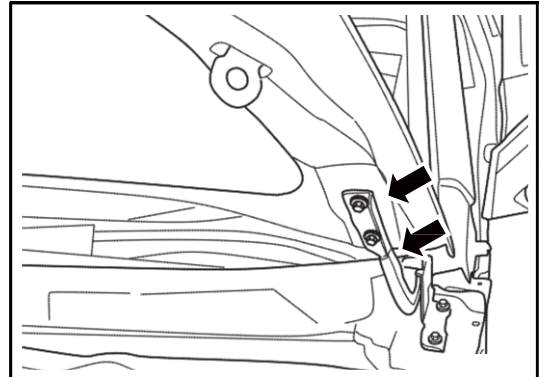
(III) Torque Parameter

SN	Items	Torque(Nm)
1	Fixed bolt of hinge side hood	29~35
2	Fixed bolt of vehicle body side	29~35
3	Fixed bolt of hood lock	20~25
4	Fixed bolt of hood opening handle	5~7
5	Fixed bolt of fender	9~11
6	Fixed bolt of fender headlight installation bracket assembly	9~11

II、Engine Compartment Cover Assembly

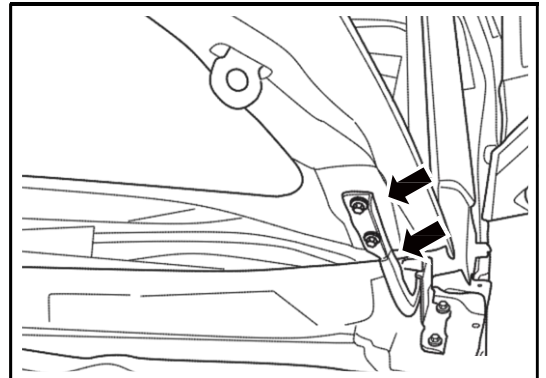
(I) Removal

1. Open engine compartment cover
2. Remove engine compartment cover assembly
 - 1). Mark position that hinge relative to engine compartment cover, remove 2 fixed bolts that connecting engine compartment cover and hinge both in left and right side, and take down engine compartment cover assembly;
 - △ Note This step needs partner to lift engine hood to prevent drooping.



(II) Installation

1. Install engine compartment cover assembly
 - 1). Install 2 fixed bolts connecting hinge and engine compartment cover in both left and right side according to marked position;
 - Tighten torque 30~36N m
 - △ Note Pay attention to face difference of engine compartment cover assembly and fender.



2. Close engine compartment cover

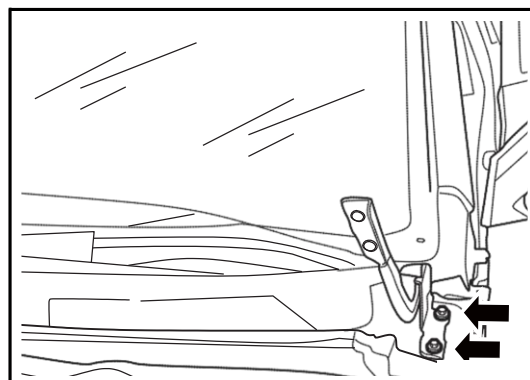
(III) Adjustment

1. Adjust engine compartment cover
 - 1). Open engine compartment cover;
 - 2). Loosen fixed bolt of engine compartment cover and hinge using sleeve of 12mm;
 - 3). Adjust horizontally: Adjust position of engine compartment cover and triangle window and A pillar, ensure clearance of engine hood and A pillar, triangle window is even, and ensure meshing of engine compartment cover and front wall trim panel is well; Adjust vertically: Adjust position of engine compartment cover and front wall trim panel, and ensure it is not interfered with front wall trim panel when closing engine compartment cover; (Adjust by moving engine compartment cover horizontally and vertically);
 - 4). Close engine compartment cover, ensure clearance, face difference of engine compartment cover and surrounding, and ensure proper alignment of left and right hinge.
Proper alignment $\Phi 0.5\text{mm}$
 - 5). Adjust engine compartment cover buffering block to proper position according to face difference of engine compartment cover;
 - 6). Tighten engine compartment cover hinge bolt;
 - 7). Close engine compartment cover;

III、Engine Compartment Cover Hinge Assembly

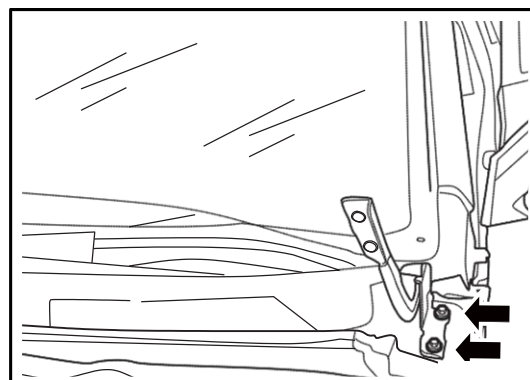
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode Refer to “Disconnection and connection of battery electrode”
3. Remove engine compartment cover assembly Refer to “Engine compartment cover assembly”
4. Remove upper cover plate of front bumper Refer to “Upper cover plate of front bumper”
5. Remove front bumper assembly Refer to “Front bumper assembly”
6. Remove fixed bracket of front bumper Refer to “Fixed bracket of front bumper”
7. Remove front combination light assembly Refer to “Front combination light assembly”
8. Remove fender cover assembly Refer to “Fender cover assembly”
9. Remove triangle cover plate assembly Refer to “Fender”
10. Remove fender Refer to “Fender”
11. Remove engine compartment cover hinge assembly
 - 1). Mark position of engine compartment cover hinge assembly, remove 2 fixed bolts that connecting engine compartment cover hinge assembly and vehicle body both in left and right side, and take down engine compartment cover hinge assembly;



(II) Installation

1. Install engine compartment cover hinge assembly
 - 1). Install 2 fixed bolts connecting engine compartment cover hinge assembly and vehicle body in both left and right side according to marked position; Tighten torque 30~36N m
2. Install fender
3. Install front triangle cover plate assembly
4. Install fender cover assembly
5. Install front combination light assembly
6. Install fixed bracket of front bumper
7. Install front bumper assembly
8. Install upper cover plate of front bumper
9. Install engine compartment cover assembly
10. Connect battery negative electrode
11. Close engine compartment cover

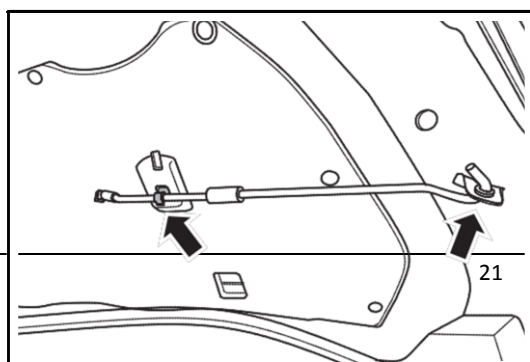


IV、Engine Compartment Cover Supporting Rod Assembly

(I) Removal

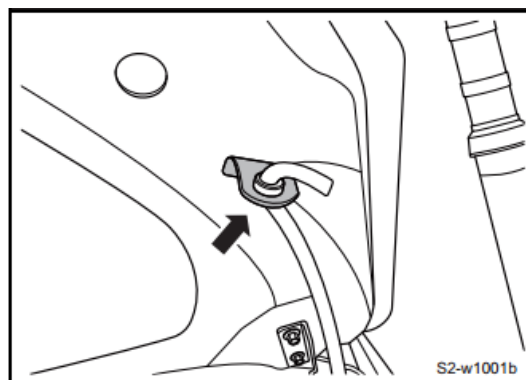
1. Open engine compartment cover
2. Remove engine compartment cover supporting rod assembly
 - 1). Remove supporting end of supporting rod from engine compartment cover inner panel;

△ Note When removing and installing engine compartment cover supporting rod assembly, must use attached supporting to prevent vehicle damage or personal injury. Let assistant to support engine compartment cover if necessary.
 - 2). Remove the other end of supporting rod from installation hole of supporting rod bracket, and take down installation



guard jacket of supporting rod.

- 3). Take down fixed buckle of engine compartment cover supporting rod assembly;

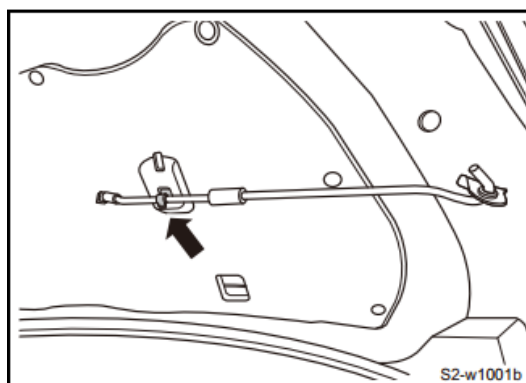


(II) Installation

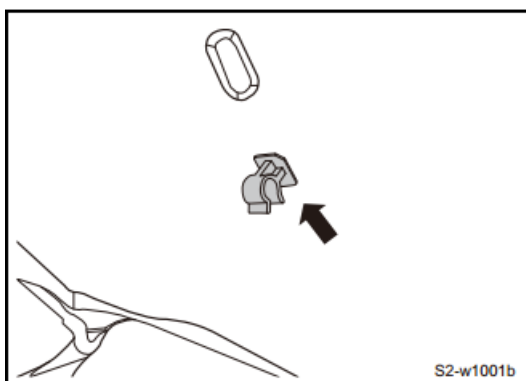
1. Install engine compartment cover supporting rod assembly

- 1). Connect fixed buckle of engine compartment cover supporting rod assembly to engine compartment cover inner panel;

△ Note Pay attention to make open direction of buckle to be the same with arrow direction on engine compartment cover inner panel.



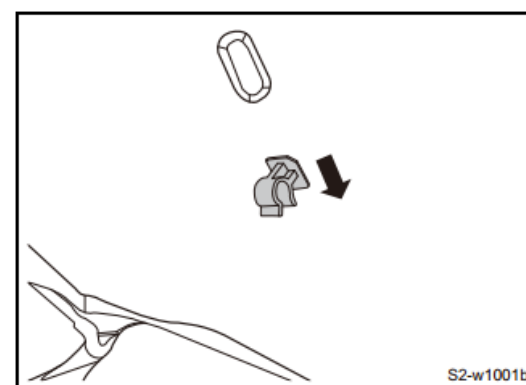
- 2). Pre-install engine compartment cover supporting rod assembly to guard jacket of engine compartment cover supporting rod assembly, and connect to supporting rod installation hole of engine compartment cover inner panel;



- 3). Connect engine compartment cover supporting rod assembly to supporting rod fixed buckle of engine compartment cover inner panel;

△ Note After installation, fix supporting rod end of engine compartment cover supporting rod assembly to vehicle body installation hole, and check whether engine compartment cover supporting rod assembly works normally.

2. Close engine compartment cover

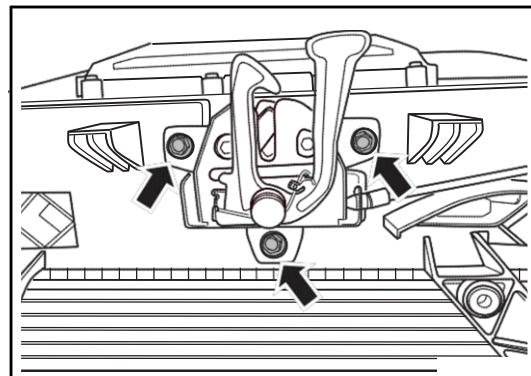


V、Engine Compartment Cover Lock Assembly

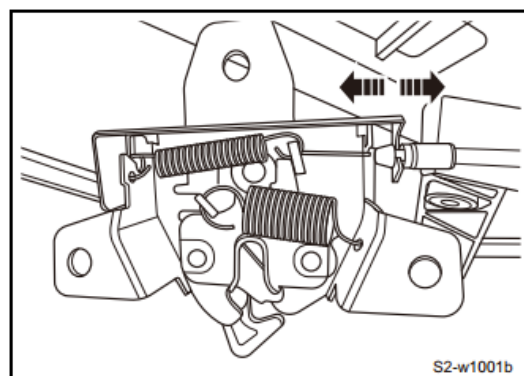
(I) Removal

1. Open engine compartment cover
2. Remove upper cover plate of front bumper Refer to “Upper cover plate of front bumper”
3. Remove engine compartment cover lock assembly

- 1). Remove 3 fixed bolts of engine compartment cover lock assembly;



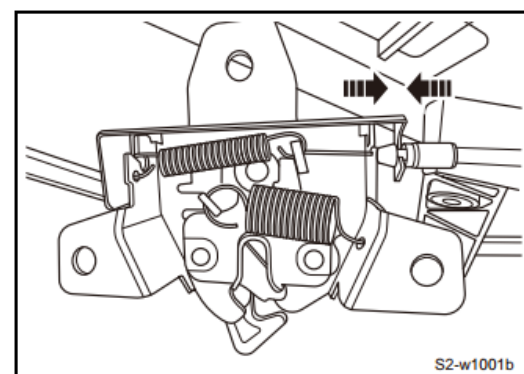
- 2). Disconnect engine compartment cover wiredrawing from engine compartment cover lock assembly, and take down engine compartment cover lock assembly;



(II) Installation

1. Install engine compartment cover lock assembly

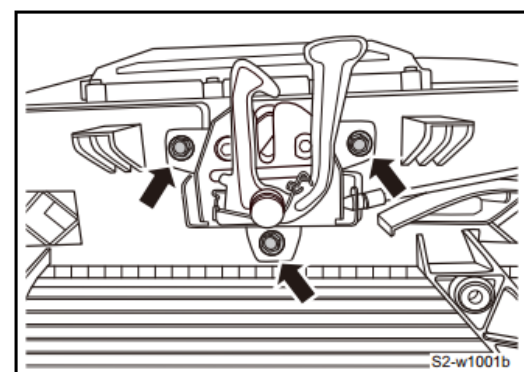
- 1). Connect engine compartment cover wiredrawing to engine compartment cover lock assembly;



- 2). Install and tighten 3 fixed bolts of engine compartment cover lock assembly;

Tighten torque 7~11N m

△ Note Check whether engine compartment cover wiredrawing and engine compartment cover lock assembly are fitting well.



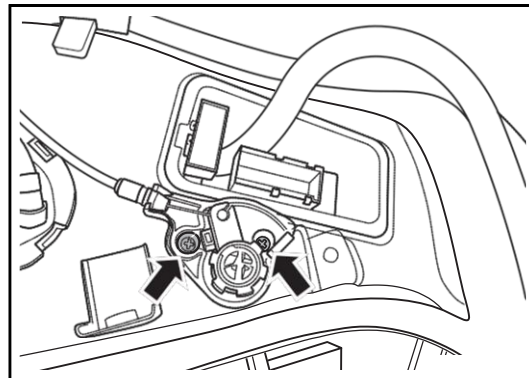
2. Install upper cover plate of front bumper
3. Close engine compartment cover

VI、Engine Compartment Cover Wiredrawing

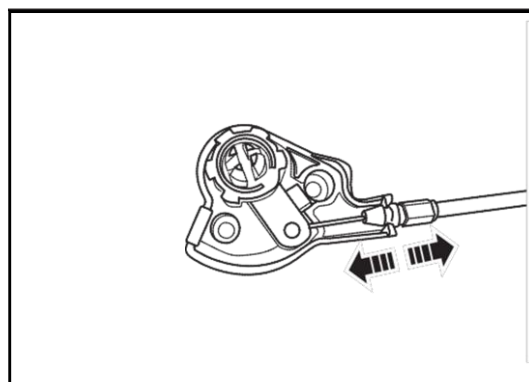
(I) Removal

1. Open engine compartment cover
2. Remove upper cover plate of front bumper Refer to “Upper cover plate of front bumper”
3. Remove engine compartment cover lock assembly Refer to “Engine compartment cover lock assembly”

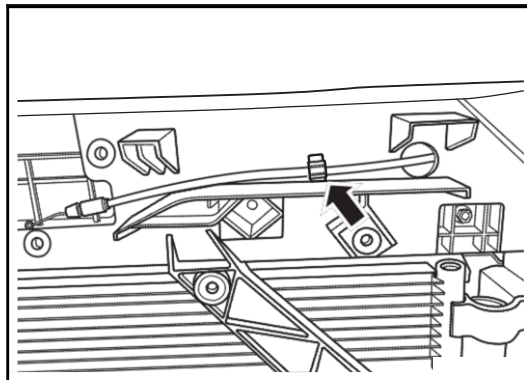
4. Remove wheel cover (left) Refer to “Wheel cover”
5. Remove front door threshold assembly (left) Refer to “Front door threshold assembly”
6. Remove lower trim panel assembly of A pillar (left) Refer to “Lower trim panel assembly of A pillar”
7. Remove engine compartment cover opening handle base assembly
 - 1). Remove 2 fixed bolts of engine compartment cover opening handle base assembly;



- 2). Take down engine compartment cover opening handle base assembly, disconnect connection of engine compartment cover wiring and engine compartment cover opening handle base assembly;

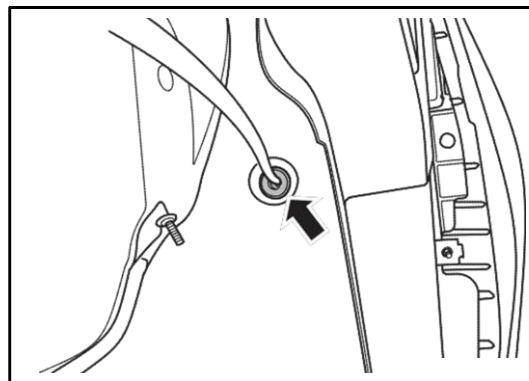


8. Remove engine compartment cover wiring assembly
 - 1). Remove hole cover panel behind left front combination light, disconnect connection of fixed buckle of engine compartment cover wiring and vehicle body;



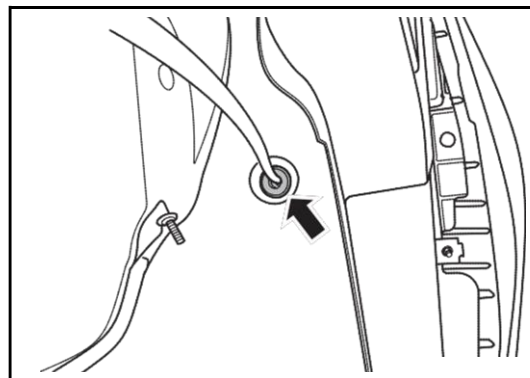
- 2). Pull out wiring guard jacket of front wall panel, and pull out wiring from engine compartment cover;

- △ Note Don't damage surface of engine compartment cover wiring assembly when pulling out engine compartment cover wiring assembly.
- △ Note Don't bend wiring too much, and keep bending semidiameter in 50mm.

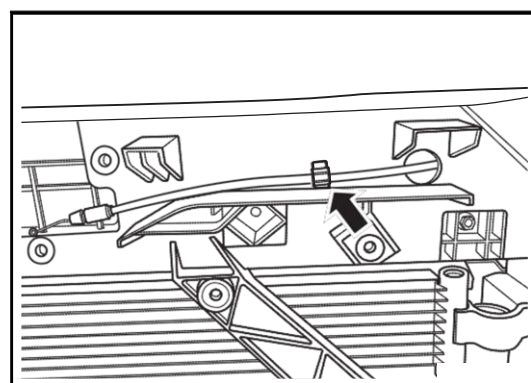


(II) Installation

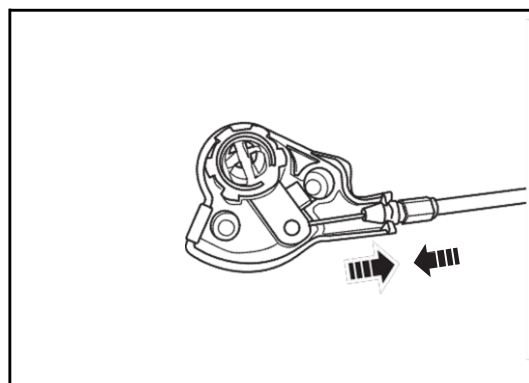
1. Install engine compartment cover wiredrawing assembly
 - 1). Cross engine compartment cover wiredrawing assembly guard jacket installation hole of front wall from inside of fender and install guard jacket;



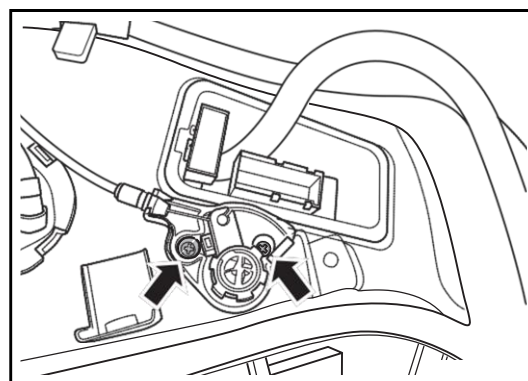
- 2). Connect fixed buckle of engine compartment cover wiredrawing assembly to vehicle body, and install hole cover panel behind left front combination light;



2. Install engine compartment cover opening handle seat assembly
 - 1). Install engine compartment cover wiredrawing assembly to opening handle seat;



- 2). Install and tighten 2 fixed bolts of engine compartment cover opening handle seat assembly;
- Tighten torque 5~7N·m



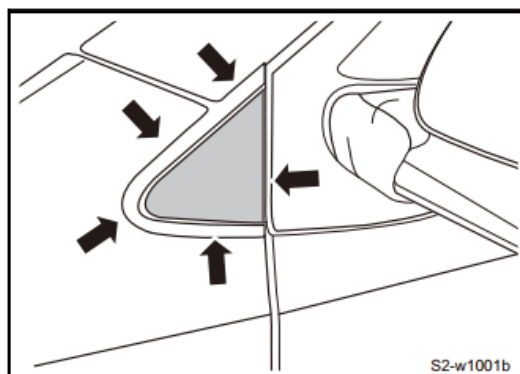
3. Install lower trim panel assembly of A pillar (left)
4. Install front door threshold guard panel assembly (left)
5. Install front wheel cover (left)
6. Install engine compartment cover lock assembly
7. Install upper cover plate of front bumper
8. Close engine compartment cover

VII、Fender

(I) Remove

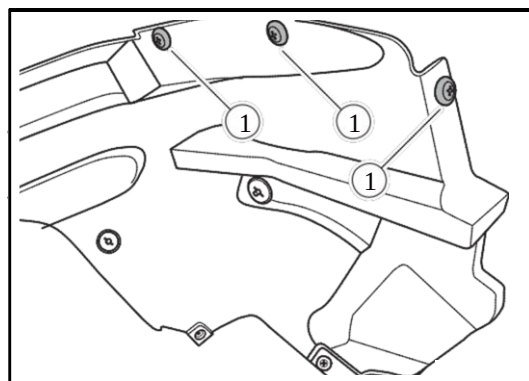
1. Open engine compartment cover
2. Disconnect battery negative electrode Refer to “Disconnection and connection of battery electrode”
3. Remove upper cover plate of front bumper Refer to “upper cover plate of front bumper”
4. Remove front bumper assembly Refer to “front bumper assembly”
5. Remove fixed bracket of front bumper assembly Refer to “fixed bracket of front bumper assembly”
6. Remove front combination light assembly Refer to “front combination light assembly”
7. Remove fender cover plate assembly Refer to “fender cover plate assembly”
8. Remove front triangle cover plate assembly

- 1). Pry front triangle cover plate assembly and take down;

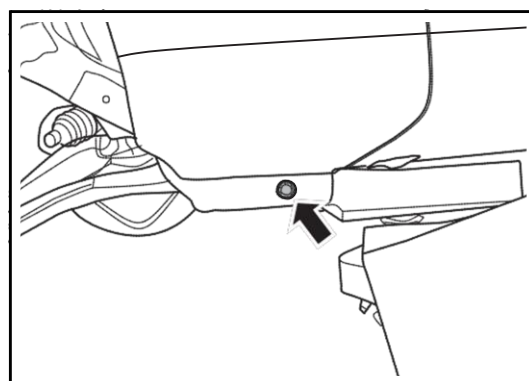


9. Remove fender

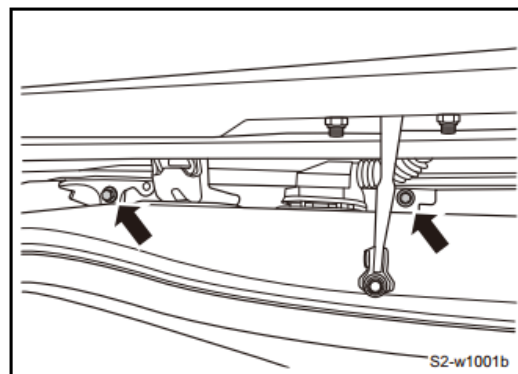
- 1). Remove 5 expansion buckles connecting fender and front wheel cover;



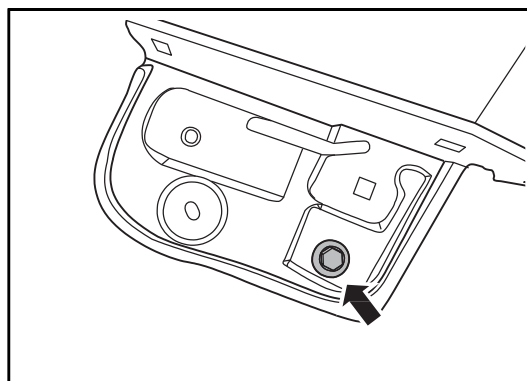
- 2). Remove fixed bolt connecting fender and bottom part of vehicle body;



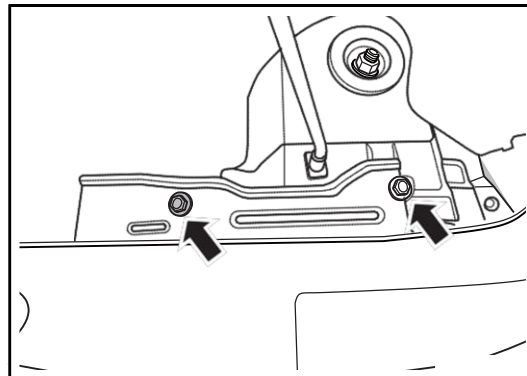
3). Remove 2 fixed bolts connecting fender and front doorpost;



4). Remove fixed bolt connecting fender and fender headlight installation bracket assembly;

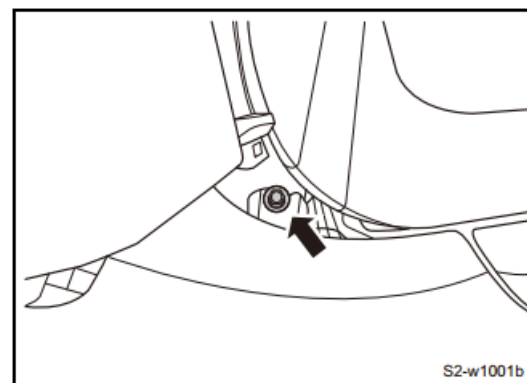


5). Remove 2 fixed bolts connecting fender and engine compartment crossbeam assembly;



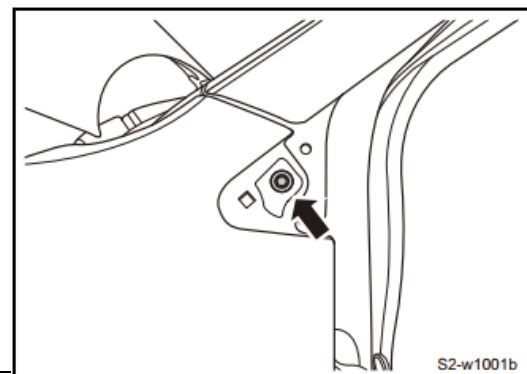
6). Pry end cover of front windshield and take down;

7). Remove fixed bolt connecting fender and engine compartment cover hinge assembly;



8). Remove fixed bolt of front triangle cover plate assembly;

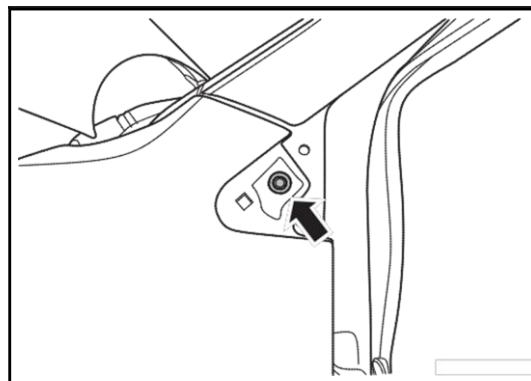
9). Take down fender;



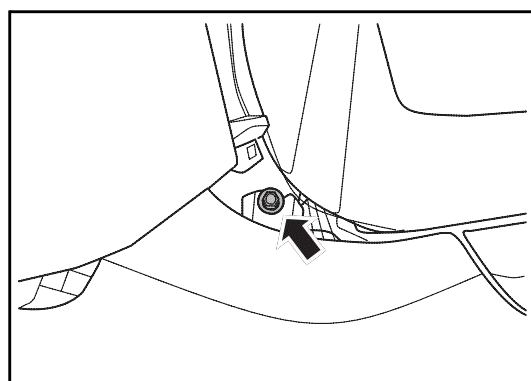
(II) Installation

1. Installation fender

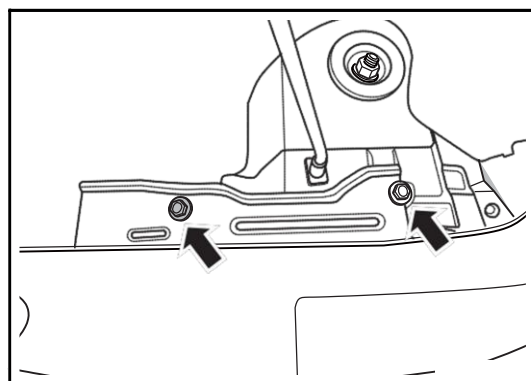
- 1). Place fender to installation position, and tighten fixed bolt of front triangle cover plate assembly;
Tighten torque 9 ~ 11N m



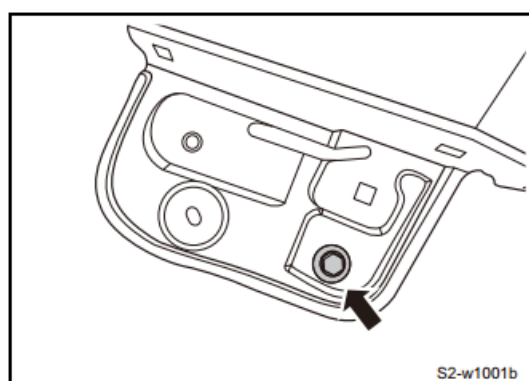
- 2). Install fixed bolt connecting fender and engine compartment cover hinge assembly;
Tighten torque 9 ~ 11N m



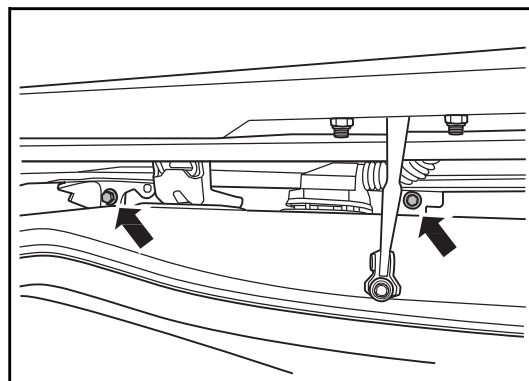
- 4). Install 2 fixed bolts connecting fender and engine compartment left crossbeam assembly;
Tighten torque 9 ~ 11N m



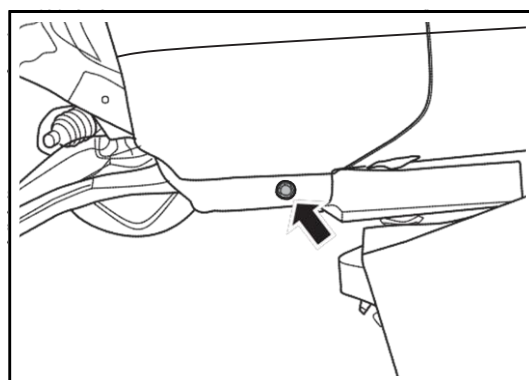
- 5). Install fixed bolt connecting fender and fender headlight installation bracket assembly;
Tighten torque 9 ~ 11N m



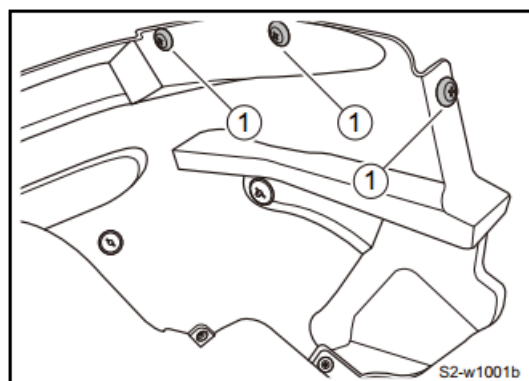
- 6). Install 2 fixed bolts connecting fender and front doorpost;
Tighten torque 9 ~ 11N m



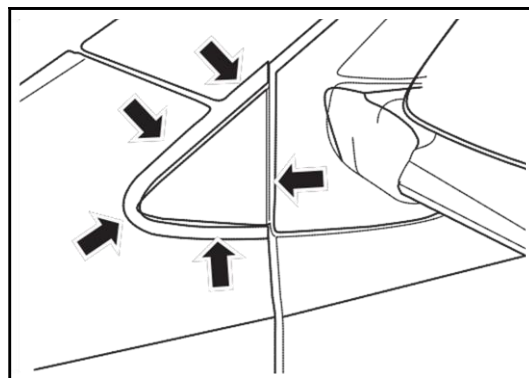
- 7). Install fixed bolt connecting fender and bottom part of vehicle body;
Tighten torque 9 ~ 11N m



- 8). Install 5 expansion buckles connecting fender and front wheel cover;
△ Note After installation, check whether fender is installed in place, whether fitting clearance with vehicle body is proper, if not, should adjust or re-install.



2. Install front triangle cover plate assembly
1). Place front triangle cover plate assembly to installation position, and tighten buckles;



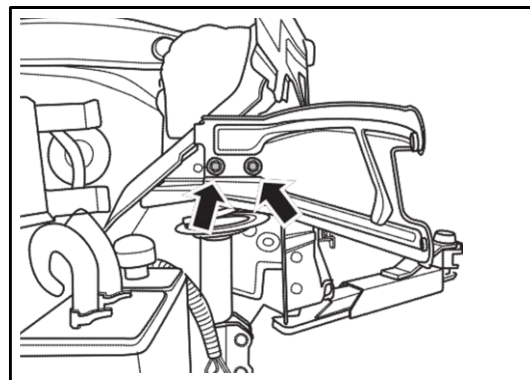
3. Install fender cover plate assembly
4. Install front combination light assembly
5. Install fixed bracket of front bumper assembly
6. Install front bumper assembly
7. Install upper cover plate of front bumper
8. Connect battery negative electrode
9. Close engine compartment cover

VIII、Fender Headlight Installation Bracket Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode Refer to “Disconnection and connection of battery electrode”
3. Remove upper cover plate of front bumper Refer to “Upper cover plate of front bumper”
4. Remove front bumper assembly Refer to “Front bumper assembly”
5. Remove fixed bracket of front bumper assembly Refer to “Fixed bracket of front bumper assembly”
6. Remove fender headlight installation bracket assembly

- 1). Remove 2 fixed bolts of fender headlight installation bracket assembly;

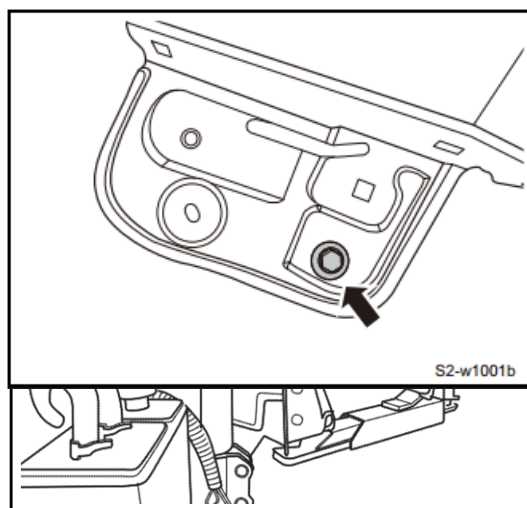


- 2). Remove fixed bolt of fender and fender headlight installation bracket assembly;
- 3). Take down fender headlight installation bracket assembly;

(II) Installation

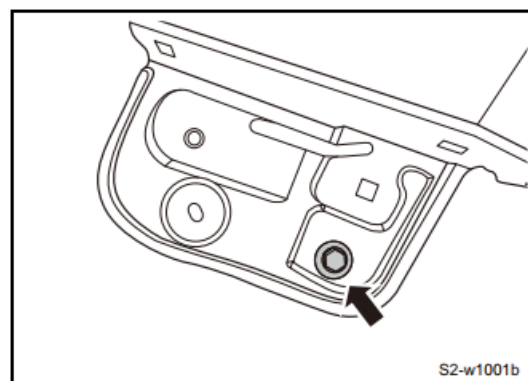
1. Install fender headlight installation bracket assembly
 - 1). Place fender headlight installation bracket assembly to installation position, and tighten 2 fixed bolts;

Tighten torque 9 ~ 11N m



- 2). Install fixed bolt of fender headlight installation bracket assembly;
- Tighten torque 9 ~ 11N m

2. Install fixed bracket of front bumper assembly
3. Install front bumper assembly
4. Install upper cover plate of front bumper
5. Connect battery negative electrode
6. Close engine compartment cover

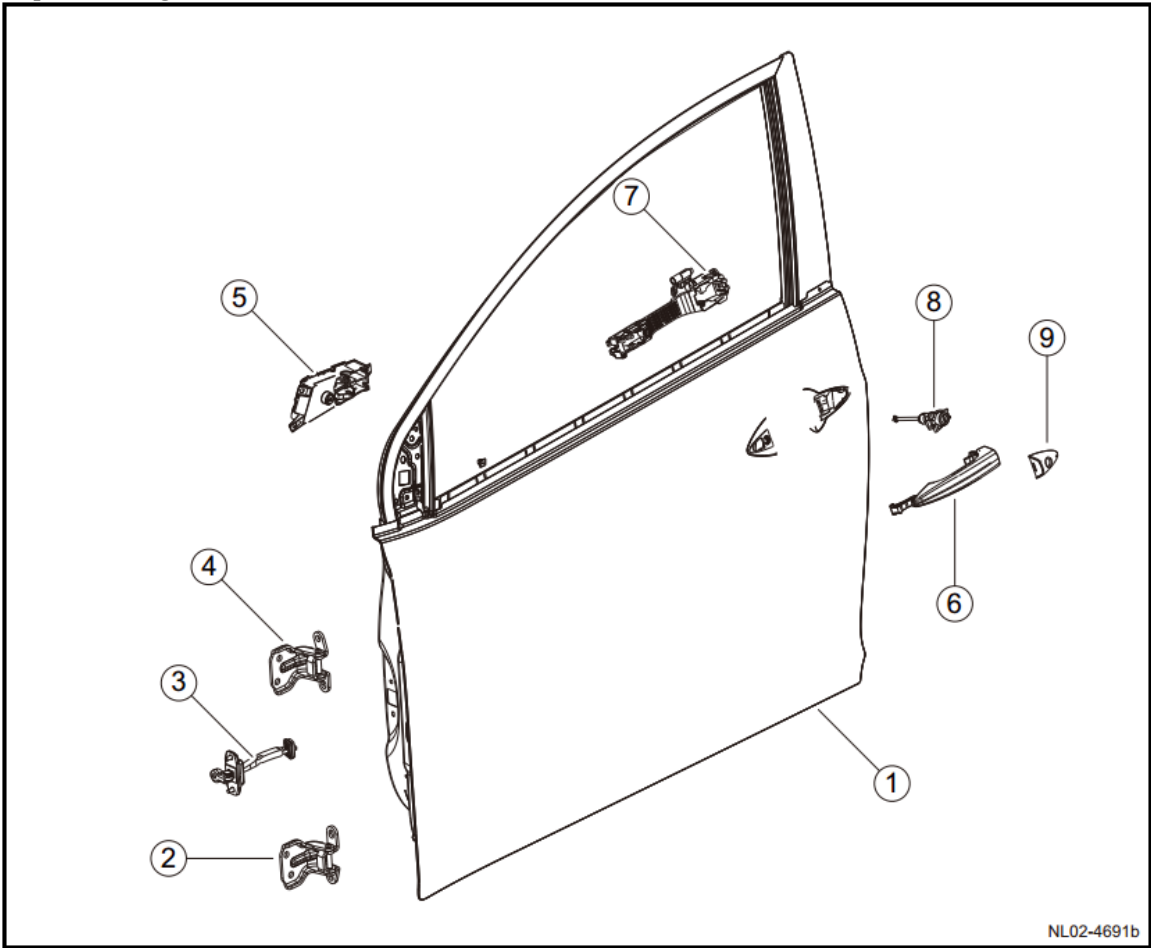


Front Vehicle Door

I、Overview

(I) Structure Overview

Exploded Diagram



- | | |
|---|---|
| 1. Front vehicle door | 2. Lower hinge assembly of front vehicle door |
| 3. Front vehicle door limiting device | 4. Upper hinge assembly of front vehicle door |
| 5. Inner handle assembly of front vehicle door | 6. Outer handle fastener assembly of front vehicle door |
| 7. Outer handle seat assembly of front vehicle door | 8. Lock core of left front vehicle door |
| 9. Lock core cover of left front vehicle door | |

(II) Maintenance Parameter/Technical Parameter

No.	Item	Adjustment parameter
1	Proper alignment of upper/lower hinge axle of front vehicle door	Φ0.5mm
2	Parallelism degree of front vehicle door limiting device axle line and hinge axle line	Φ0.5mm

(III) Torque Parameter

No.	Item	Torque (N m)
1	Fixed bolt of outer handle seat of front vehicle door	5~7
2	前门锁芯 Fixed bolt of lock core of front vehicle door	5~7
3	Vehicle door side fixed bolt of front vehicle door hinge	30~36
4	Vehicle body side fixed bolt of front vehicle door hinge	30~36
5	Vehicle door side fixed nut of vehicle door limiting device	7.8~11.8
6	Vehicle body side fixed bolt of vehicle door limiting device	20~24
7	Fixed bolt of vehicle door inner handle	5~7
8	Fixed bolt of vehicle door lock hook	14~18

(IV) Maintenance Note

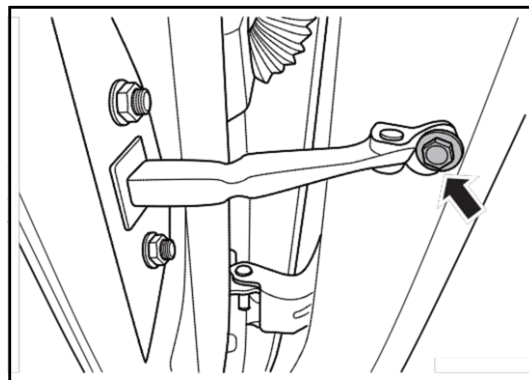
- (1). Removal and installation method of all vehicle doors are the same.
- (2). When removing and installing vehicle door assembly, should do protection to prevent vehicle door and vehicle body scratch.
- (3). After installing vehicle door assembly, must carry out installation adjustment to ensure vehicle door can open/close normally, and coat hinge installation bolt head (vehicle body color).
- (4). Check whether hinge rotating part is lubricated well. If necessary, spread "lubricant".
- (5). Due to vehicle door components mostly are heavy, it needs several persons to help when removing.

II、Front Side Vehicle Door Assembly

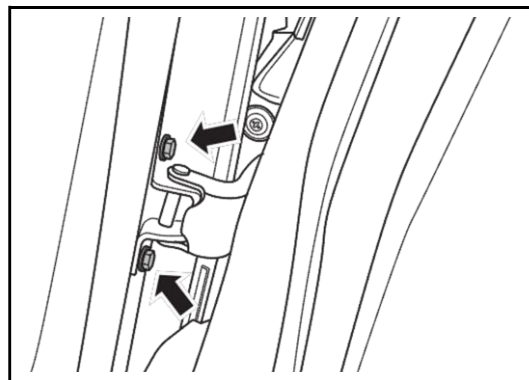
(I) Removal

△ Note When removing, don't loosen once, and should remove from up to down.

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front side vehicle door assembly
 - 1). Remove fixed bolt connecting limit device and vehicle body;

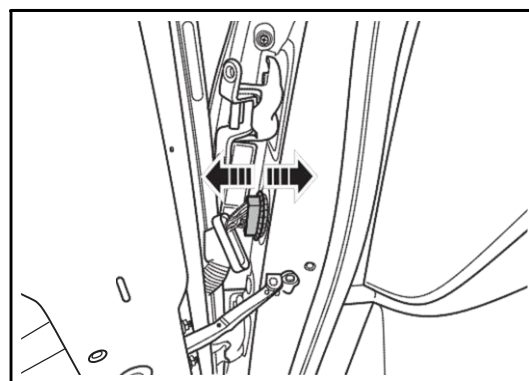


- 2). Mark position of upper/lower hinge in vehicle door, remove vehicle side 2 fixed bolts in upper/lower hinge;



- 3). Pull up front vehicle door wiring harness rubber jacketing, disconnect front vehicle door wiring harness, and lift down vehicle door;

△Note When removing vehicle door, it needs partner to lift vehicle door to prevent vehicle door dropping.



(II) Installation

△ Note Tighten for several times when installing, don't tighten for once.

1. Install front side vehicle door assembly

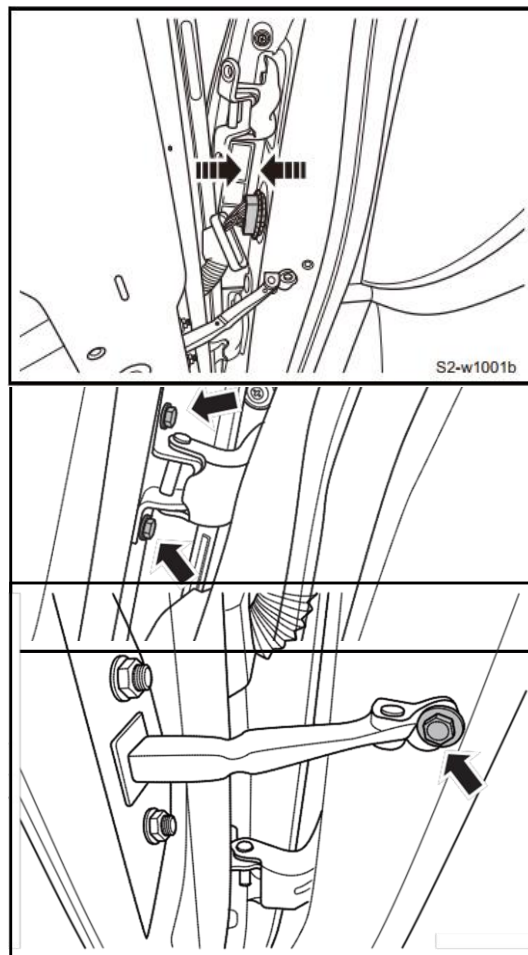
- 1). Connect wiring harness connector of front vehicle door, and install wiring harness rubber jacketing;

- 2). Install vehicle door to hinge according to marked position, after slight adjustment, tighten 2 fixed bolts both in upper/lower hinge of vehicle door;
Tighten torque 30~36N m

△ Note Pay attention to face difference of front vehicle door and side wall components.

- 3). Tighten fixed bolt connecting limit device and vehicle body;
Tighten torque 20~24N m

2. Connect battery negative electrode
3. Close engine compartment cover



(III) Adjustment

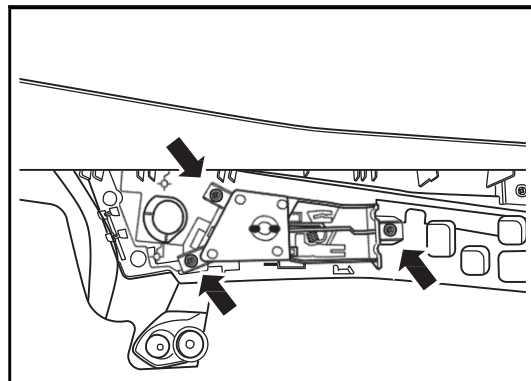
1. Adjustment of front vehicle door

- 1). After installing front vehicle door hinge, check whether installation is proper, if not, please adjust or re-install, in order to avoid clearance of vehicle door and side wall increasing, rubber strip sealing not well, and cause water leakage;
- 2). After installing front vehicle door hinge, proper alignment of upper and lower hinge shaft of front vehicle door should satisfy $\phi 0.5\text{mm}$.

III、Inner Handle Assembly of Front Side Vehicle Door

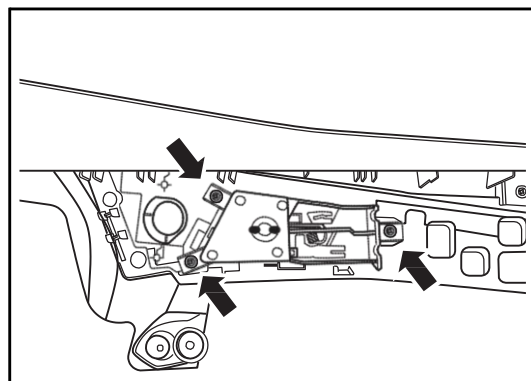
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to “Front door trim panel assembly”
4. Remove front door trim panel assembly Refer to “Front door trim panel assembly”
5. Remove inner handle assembly of front side vehicle door
 - 1). Remove 3 fixed bolts connecting inner handle assembly of front side vehicle door and front door trim panel assembly;
 - 2). Disconnect buckles connecting inner handle assembly of front side vehicle door and front door trim panel assembly;
 - 3). Take down inner handle assembly of front side vehicle door;



(II) Installation

1. Install inner handle assembly of front side vehicle door
 - 1). Place inner handle assembly of front side vehicle door to installation position;
 - 2). Tighten buckles connecting inner handle assembly of front side vehicle door and front door trim panel assembly;
 - 3). Tighten 3 fixed bolts connecting inner handle assembly of front side vehicle door and front door trim panel assembly;
Tighten torque 5~7N m
2. Install front door trim panel assembly
3. Install front door triangle window cover plate assembly
4. Connect battery negative electrode
5. Close engine compartment cover



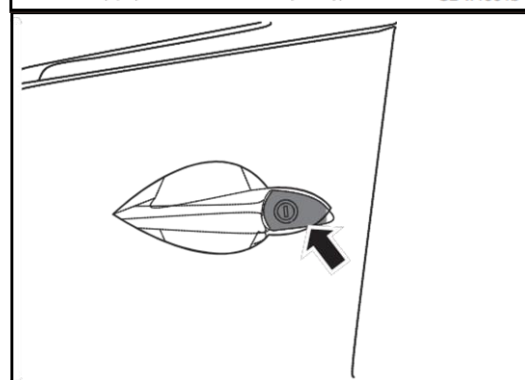
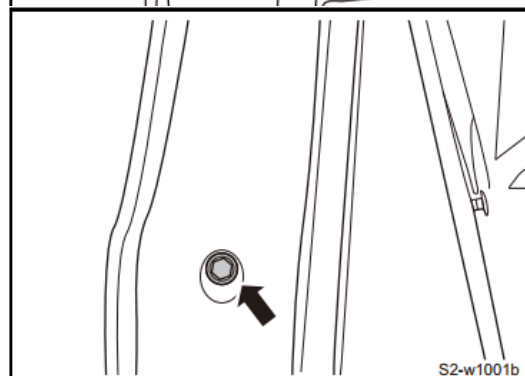
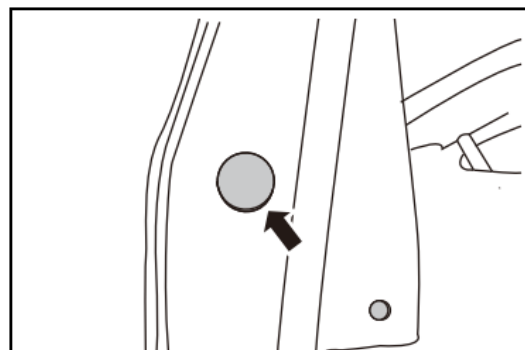
(III) Check

1. Check extrinsic feature of inner handle assembly of front side vehicle door
 - 1). Check whether surface of inner handle assembly of front side vehicle door is flat, whether there is deformation of scratch, air bubble etc..

IV、Outer Handle Lock Core of Left Front Door

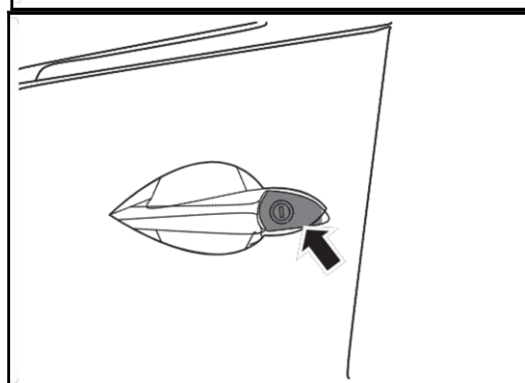
(I) Removal

1. Remove outer handle lock core of left front door
 - 1). Pry fixed bolt cover of outer handle lock core of left front door;
 - 2). Loosen fixed bolt of outer handle lock core of left front door;
 △ Note Lock core fixed bolt and outer handle base seat of front door are integrated, can't remove bolt single.
 - 3). Pull out lock core and lock core cover;
 △ Note Please don't lose sealing mat of lock core cover.
 - 4). Disconnect clamp of lock core cover, and take down front door lock core;

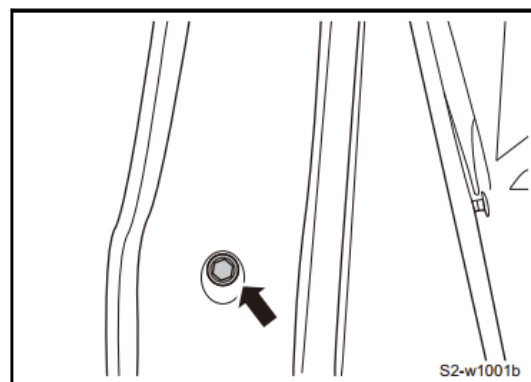


(II) Installation

1. Install outer handle lock core of left front door
 - 1). Connect clamp, and install lock core to lock core cover;
 - 2). Insert lock core to lock assembly
 △ Note Ensure outer handle lock core of left front door bar inserted into front door lock assembly.



- 3). Tighten fixed bolt of lock core;
Tighten torque 5~7N·m
- 4). Install fixed bolt cover of lock core;

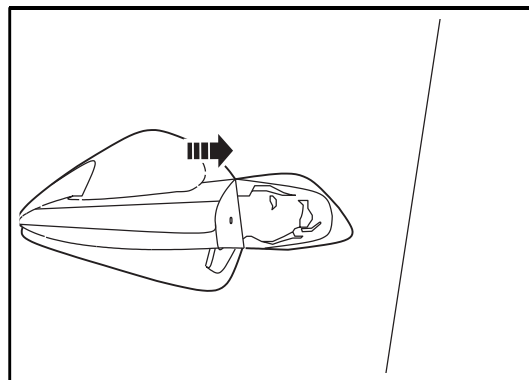


V、Outer Handle Fastener Assembly of Front Vehicle Door

(I) Removal

1. Remove outer handle lock core of front vehicle door(left) Refer to “Left outer handle lock core of front vehicle door”
2. Remove outer handle fastener assembly of front vehicle door
 - 1). Pull outer handle fastener assembly of front vehicle door to right and take down;

△Note Please don't lose sealing mat of lock core cover.

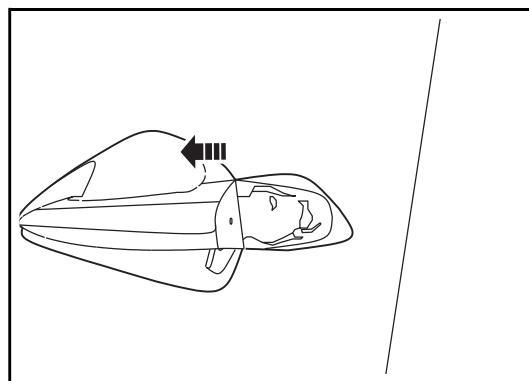


(II) Check

1. Check extrinsic feature of outer handle assembly of front side vehicle door
 - 1). Check whether surface of inner handle assembly of front side vehicle door is flat, whether there is deformation of scratch, air bubble etc..

(III) Installation

1. Install outer handle fastener assembly of front vehicle door
 - 1). Install outer handle fastener assembly of front vehicle door to outer handle seat from outside of vehicle;

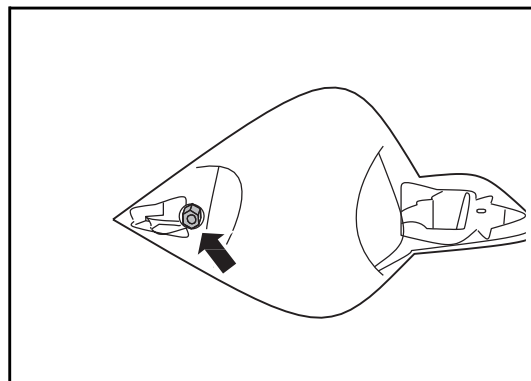


2. Install outer handle lock core of front vehicle door(left)

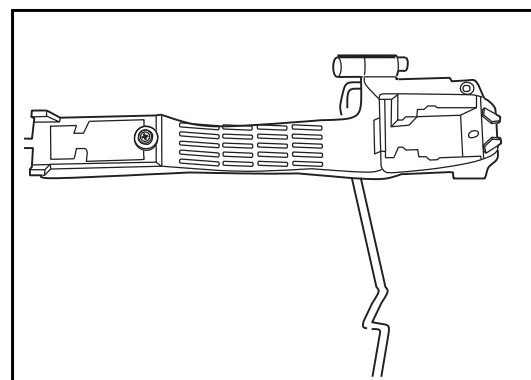
VI、Outer Handle Seat Assembly of Front Vehicle Door

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to “Front door trim panel assembly”
4. Remove front door trim panel assembly Refer to “Front door trim panel assembly”
5. Remove installation bracket of front door inclined handle Refer to “Waterproof membrane of front vehicle door”
6. Remove waterproof membrane of front vehicle door Refer to “Waterproof membrane of front vehicle door”
7. Remove outer handle lock core of front vehicle door(left) Refer to “Left outer handle lock core of front vehicle door”
8. Remove outer handle fastener assembly of front vehicle door Refer to “Outer handle fastener assembly of front vehicle door”
9. Remove outer handle seat assembly of front vehicle door
 - 1). Remove fixed bolt of outer handle seat assembly of front vehicle door;



- 2). Disconnect outer opening bar of front vehicle door, and take out outer handle seat assembly of front vehicle door between inner and outer panel of front vehicle door;
- △ Note Lift window to highest position before disconnecting battery negative electrode, to be convenient to take out outer handle seat assembly of front vehicle door.

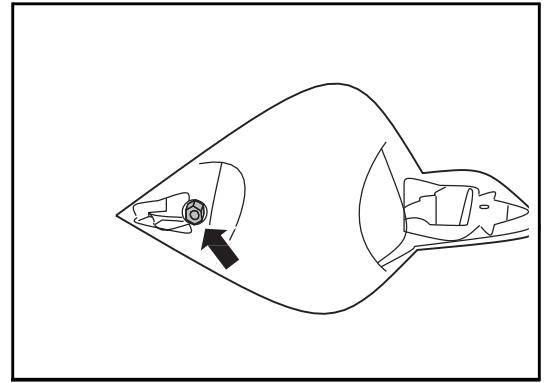


(II) Check

1. Check extrinsic feature of outer handle assembly of front side vehicle door
 - 1). Check whether surface of inner handle assembly of front side vehicle door is flat, whether there is deformation of scratch, air bubble etc..

(III) Installation

1. Install outer handle seat assembly of front vehicle door
 - 1). Install front vehicle door outer opening bar, and place outer handle seat assembly of front vehicle door to installation position;
Tighten torque 5~7N m



2. Install outer handle fastener assembly of front vehicle door
3. Install outer handle lock core of front vehicle door(left)
4. Install waterproof membrane of front vehicle door
5. Install installation bracket of front door inclined handle
6. Install front door trim panel assembly
7. Install front door triangle window cover plate assembly
8. Connect battery negative electrode
9. Close engine compartment cover

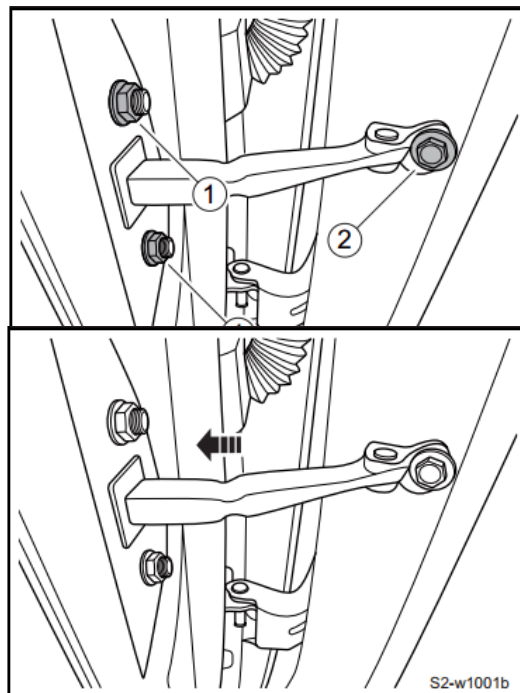
VII、Limit Device of Front Side Vehicle Door

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to “Front door trim panel assembly”
4. Remove front door trim panel assembly Refer to “Front door trim panel assembly”
5. Remove installation bracket of front door inclined handle Refer to “Waterproof membrane of front vehicle door”
6. Remove waterproof membrane of front vehicle door Refer to “Waterproof membrane of front vehicle door”
7. Remove limit device of front side vehicle door

- 1). Remove 2 fixed nuts ① connecting limit device of front side vehicle door and vehicle door;
- 2). Remove fixed bolt ② connecting limit device of front side vehicle door and vehicle body;

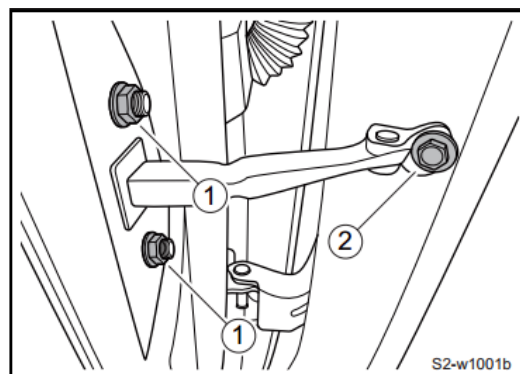
- 3). Take out limit device of front side vehicle door from inside of vehicle door;



(II) Installation

1. Install limit device of front side vehicle door
 - 1). Install limit device of front side vehicle door from inside of vehicle door;
 - 2). Tighten 2 fixed nuts ① of limit device of front side vehicle door and vehicle door;
Tighten torque 7.8~11.8N m
 - 3). Tighten fixed bolt ② connecting limit device of front side vehicle door and vehicle body;
Tighten torque 20~24N m

2. Install waterproof membrane of front vehicle door
3. Install installation bracket of front door inclined handle assembly
4. Install front door trim panel assembly
5. Install front door triangle window cover plate assembly
6. Connect battery negative electrode
7. Close engine compartment cover



(III) Adjustment

1. Adjust limit device of front side vehicle door
 - 1). After installing limit device of front side vehicle door, check whether limit device of front side vehicle door is installed in place and adjust to make sure of shaft line of limit device of front side vehicle door and hinge shaft line.

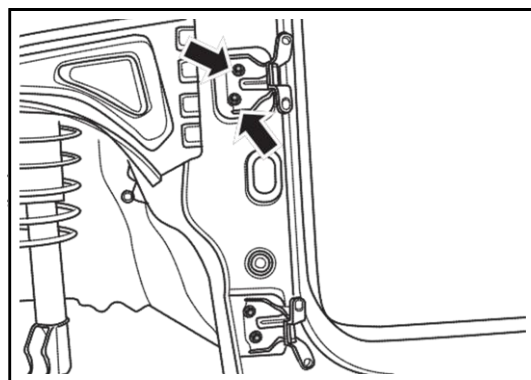
Parallelism degree $\Phi 0.5\text{mm}$

VIII、Hinge Assembly of Front Side Vehicle Door

(I) Removal

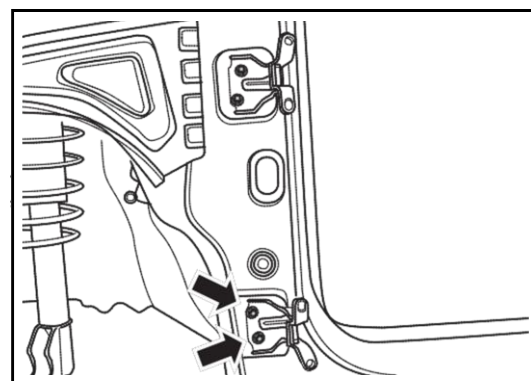
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove upper cover plate of front bumper Refer to “Upper cover plate of front bumper”
4. Remove front bumper assembly Refer to “Front bumper assembly”
5. Remove fixed bracket of front bumper Refer to “Fixed bracket of front bumper”
6. Remove front combination light assembly Refer to “Front combination light assembly”
7. Remove fender cover plate assembly Refer to “Fender cover plate assembly”
8. Remove front vehicle door triangle window cover plate assembly Refer to “Fender”
9. Remove fender Refer to “Fender”
10. Remove front side vehicle door assembly Refer to “Front side vehicle door assembly”
11. Remove upper hinge assembly of front side vehicle door

- 1). Mark hinge position in vehicle body, remove vehicle body side fixed bolt of hinge, and take down upper hinge assembly of front side vehicle door;



12. Remove lower hinge assembly of front side vehicle door

- 1). Mark hinge position in vehicle body, remove vehicle body side fixed bolt of hinge, and take down lower hinge assembly of front side vehicle door;



(II) Check

1. Check hinge assembly of front side vehicle door

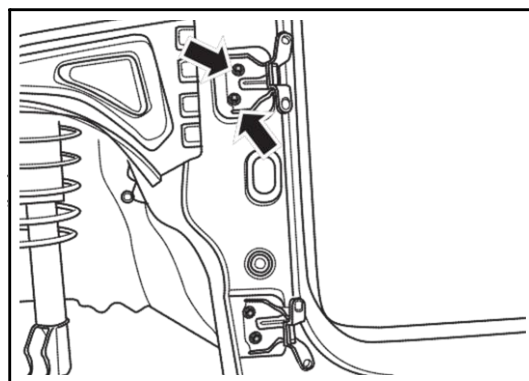
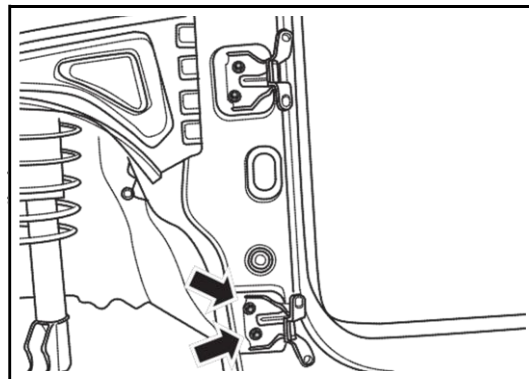
- 1). Check whether surface of hinge assembly of front side vehicle door is flat, whether there is deformation of scratch, air bubble etc..

(III) Installation

1. Install lower hinge assembly of front side vehicle door
 - 1). Install hinge to vehicle body according to marked position,
and tighten 2 fixed bolts;
Tighten torque 30~36N m

2. Install upper hinge assembly of front side vehicle door
 - 1). Install hinge to vehicle body according to marked position,
and tighten 2 fixed bolts;
Tighten torque 30~36N m

3. Install front side vehicle door assembly
4. Install fender
5. Install front vehicle door triangle window cover plate assembly
6. Install fender cover plate assembly
7. Install front combination light assembly
8. Install front bumper bracket
9. Install front bumper assembly
10. Install upper cover plate of front bumper
11. Connect battery negative electrode
12. Close engine compartment cover

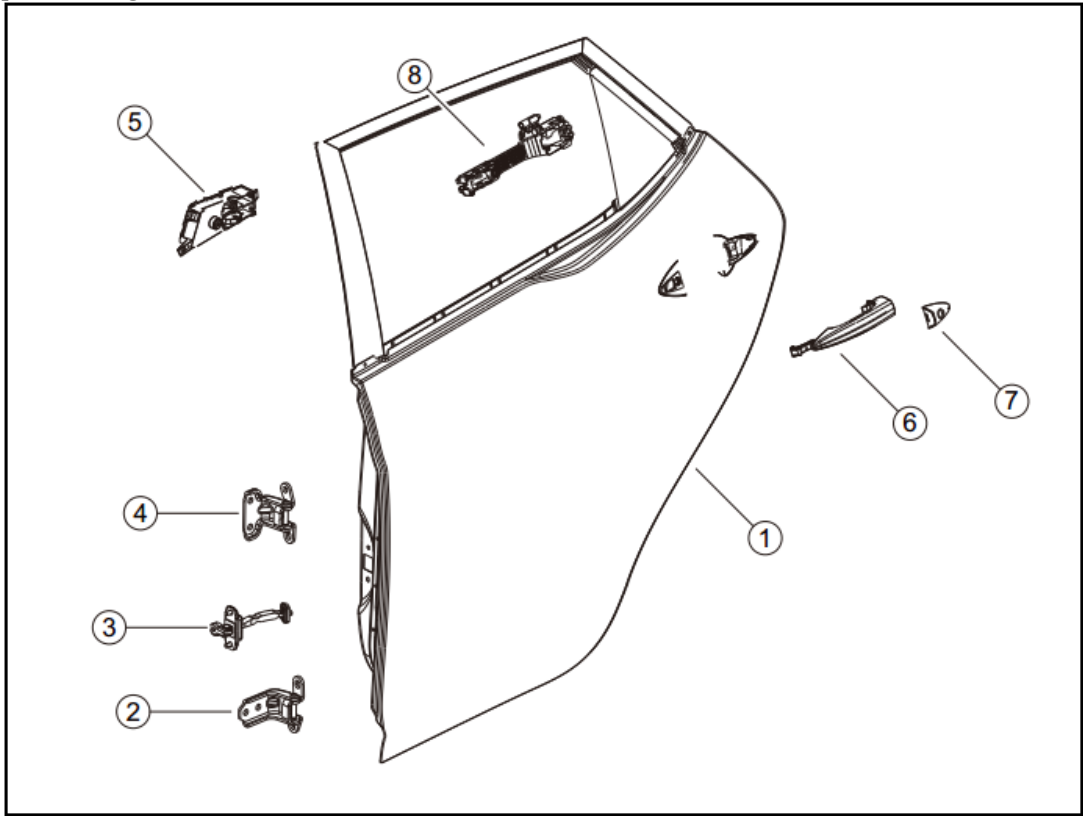


Rear Vehicle Door

I、Summary

(I) Structure Overview

Exploded Diagram



- | | |
|--|--|
| 1. Rear vehicle door | 2. Lower hinge assembly of rear vehicle door |
| 3. Rear vehicle door limiting device | 4. Upper hinge assembly of rear vehicle door |
| 5. Inner handle assembly of rear vehicle door | 6. Outer handle fastener assembly of rear vehicle door |
| 7. Outer handle lock core cover of rear vehicle door | 8. Outer handle seat assembly of rear vehicle door |

(II) Maintenance Parameter/Technical Parameter

No.	Item	Adjustment parameter
1	Proper alignment of upper/lower hinge axle of rear vehicle door	Φ0.5mm
2	Parallelism degree of rear vehicle door limiting device axle line and hinge axle line	Φ0.5mm

(III) Torque Parameter

No.	Item	Torque (N m)
1	Fixed bolt of outer handle assembly of rear vehicle door	8~12
2	Vehicle body side fixed bolt of rear vehicle door hinge	30~36
3	Vehicle body side fixed bolt of rear vehicle hinge	30~36
4	Fixed bolt of rear vehicle inner handle assembly	5~7
5	Vehicle body side fixed bolt of rear vehicle door limiting device	20~24

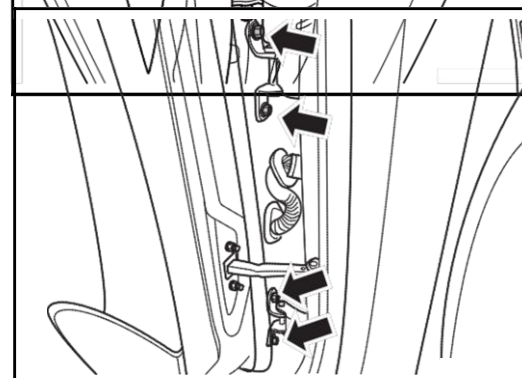
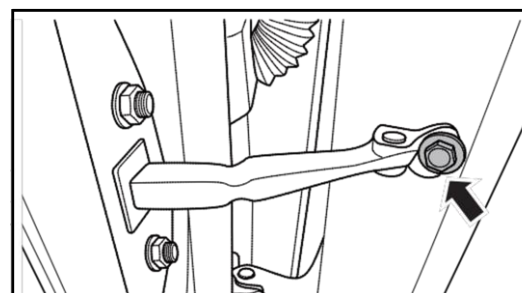
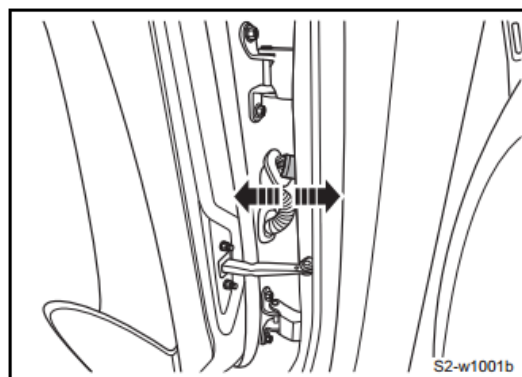
II、Rear Side Vehicle Door Assembly

(I) Remove

△ Note When removing, don't loosen once, and should remove from up to down.

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear side vehicle door assembly
 - 1). Disconnect rear vehicle door wiring harness rubber jacket, and disconnect rear vehicle door wiring harness;
- 2). Remove fixed bolt connecting limiting device and vehicle body;
- 3). Disconnect connection of limiting device and vehicle body;
- 4). Mark position of hinge in vehicle door, remove 4 vehicle door side fixed bolts of hinge, and take down vehicle door;

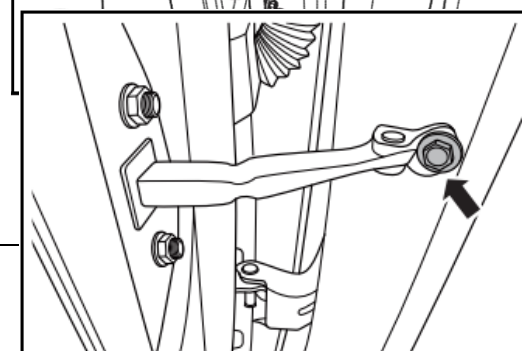
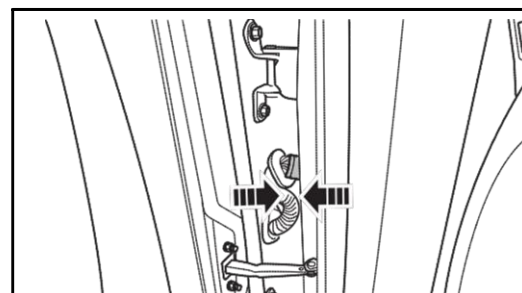
△ Note When removing vehicle door, it needs partner to lift vehicle door to prevent vehicle door dropping.



(II) Installation

△ Note Tighten for several times when installing, don't tighten for once.

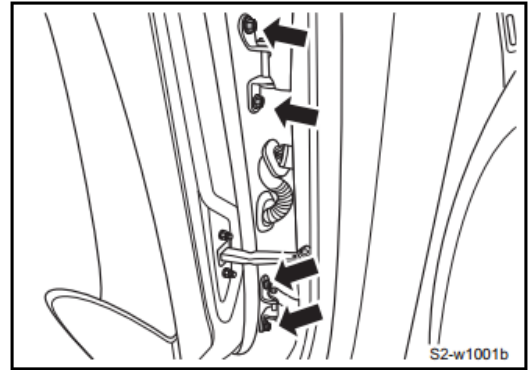
1. Install rear side vehicle door assembly
 - 1). Connect rear vehicle door wiring harness connector, and install wiring harness rubber jacket;
 - 2). Tighten fixed bolt connecting limiting device and vehicle body;
Tighten torque 20~24N m



- 3). Install vehicle door to hinge according to mark, and tighten vehicle door side bolt of hinge after adjusting slightly;
Tighten torque 30~36N·m

△ Note Pay attention to face difference of front vehicle door and side wall components.

2. Connect battery negative electrode
3. Close engine compartment cover



III、Rear Side Vehicle Door Hinge Assembly

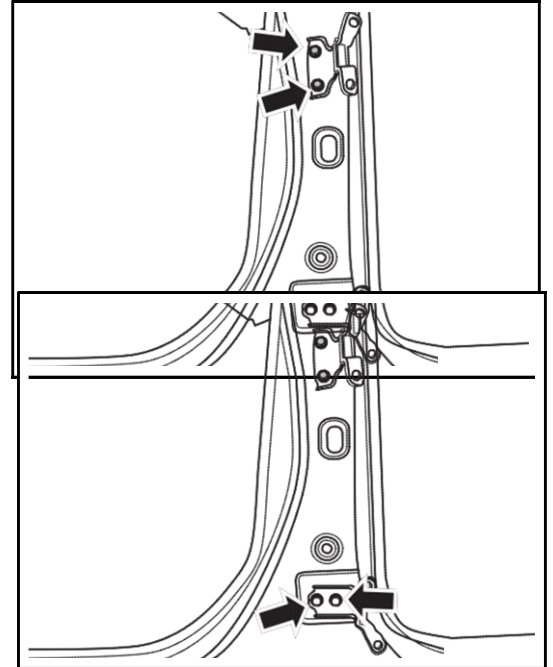
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear side vehicle door assembly Refer to “Rear side vehicle door assembly”
4. Remove rear side vehicle door hinge assembly

- 1). Mark hinge position in vehicle body, remove vehicle body side fixed bolt of hinge, and take down hinge on vehicle door;

5. Remove rear side vehicle door lower hinge assembly

- 1). Mark hinge position in vehicle body, remove vehicle body side fixed bolt of hinge, and take down lower hinge on vehicle door;



(II) Check

1. Check rear side vehicle door hinge

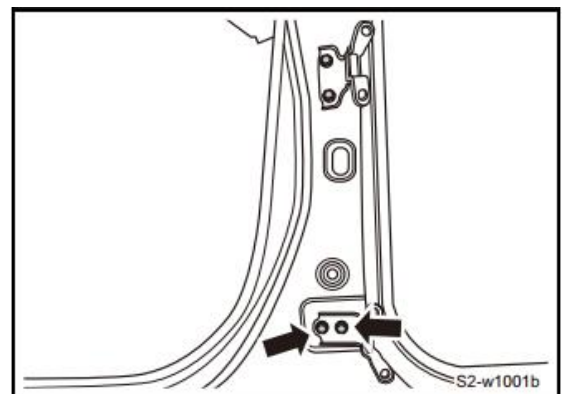
- 1). Check whether rear side vehicle door hinge is smooth, flat, and it's not permitted to appear extrinsic feature fault of obvious crinkle, crack, rag, hollow, scratch, overflow track, uneven gloss, etc..

(III) Install

1. Install lower hinge assembly of rear side vehicle door

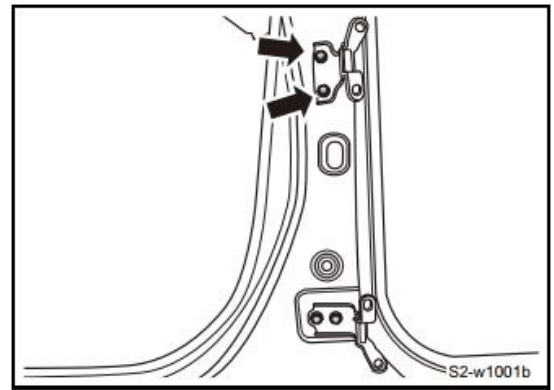
- 1). Install hinge to vehicle body according to mark, and tighten 2 fixed bolts;

Tighten torque 30~36N m



2. Install upper hinge assembly of rear side vehicle door
 - 1). Install hinge to vehicle body according to mark, and tighten 2 fixed bolts;
Tighten torque 30~36N m

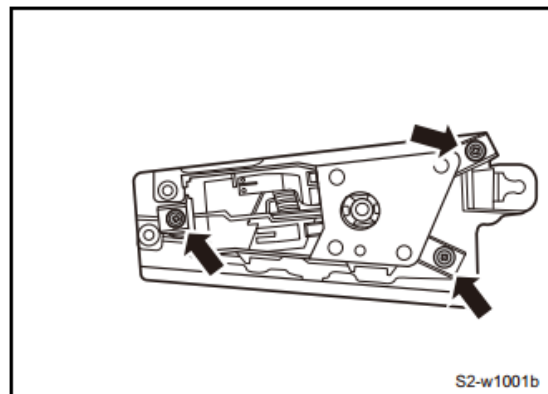
3. Install rear side vehicle door assembly
4. Connect battery negative electrode
5. Close engine compartment cover



IV、Inner Handle Assembly of Rear Side Vehicle Door

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove triangle window cover plate assembly of rear vehicle door Refer to "Triangle window cover plate assembly of rear vehicle door"
4. Remove rear vehicle door trim panel assembly Refer to "Rear vehicle door trim panel assembly"
5. Remove inner handle assembly of rear side vehicle door
 - 1). Remove 3 fixed bolts connecting inner handle of rear vehicle door and rear vehicle door trim panel assembly;
 - 2). Disconnect buckles connecting inner handle of rear vehicle door and rear vehicle door trim panel assembly;
 - 3). Take down inner handle assembly of rear side vehicle door;



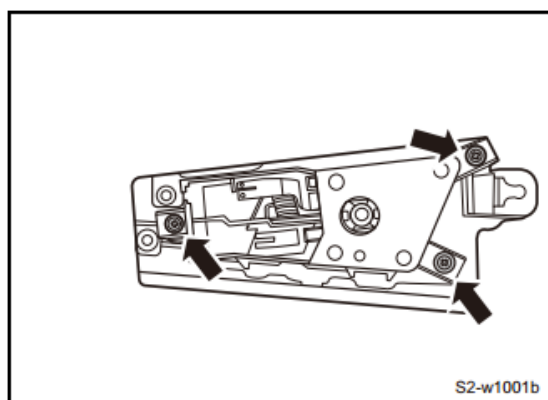
(II) Check

1. Extrinsic check of inner handle assembly
 - 1). Check whether surface of inner handle assembly is flat, whether there is effecting usage deformation of scratch, air bubble.

(III) Installation

1. Install inner handle assembly of rear side vehicle door
 - 1). Place inner handle assembly of rear side vehicle door to installation position;
 - 2). Connect buckles connecting inner handle assembly of rear side vehicle door and rear vehicle door trim panel assembly;
 - 3). Tighten 3 fixed bolts connecting inner handle assembly of rear side vehicle door and rear vehicle door trim panel assembly;

Tighten torque 5~7N m



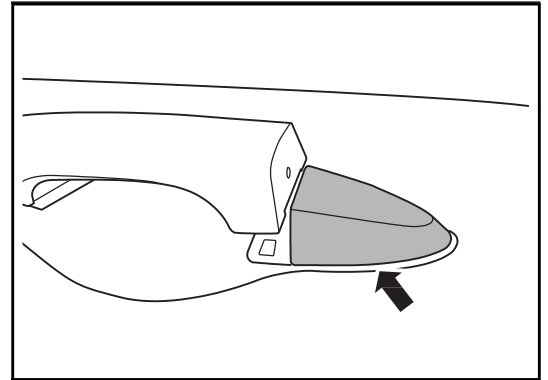
2. Install rear vehicle door trim panel assembly
3. Install triangle window cover plate assembly of rear vehicle door
4. Connect battery negative electrode
5. Close engine compartment cover

V、Lock Core Cover of Outer Handle of Rear Vehicle Door

(I) Removal

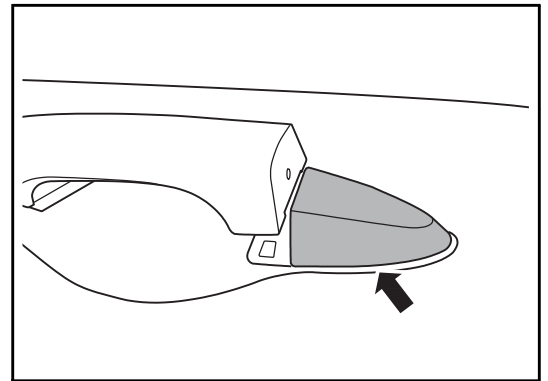
1. Remove lock core cover of outer handle of rear vehicle door
 - 1). Pull outer handle fastener assembly of rear vehicle door;
 - 2). Pry buckle connecting lock core cover of outer handle and vehicle door;
 - 3). Take down lock core cover of outer handle, and put down outer handle fastener assembly;

△ Note Please put soft towel to connecting parts of vehicle door and crowbar to prevent scratching vehicle door paint surface.



(II) Installation

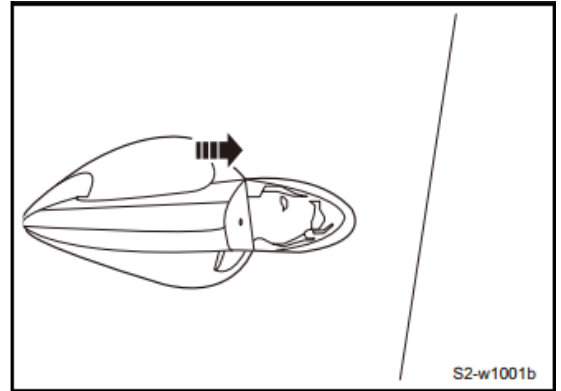
1. Install lock core cover of outer handle of rear vehicle door
 - 1). Pull outer handle fastener assembly of rear vehicle door;
 - 2). Place lock core cover of outer handle to installation position, and connect buckle connecting lock core cover and vehicle door;
 - 3). Put down outer handle fastener assembly;



VI、Outer Handle Fastener Assembly of Rear Vehicle Door

(I) Removal

1. Remove lock core cover of outer handle of rear vehicle door Refer to “Lock core cover of outer handle of rear vehicle door”
 2. Remove outer handle assembly of rear side vehicle door
 - 1). Pull right and take down outer handle assembly of rear side vehicle door
- △ Note Please don't lose sealing pad of outer handle fastener.

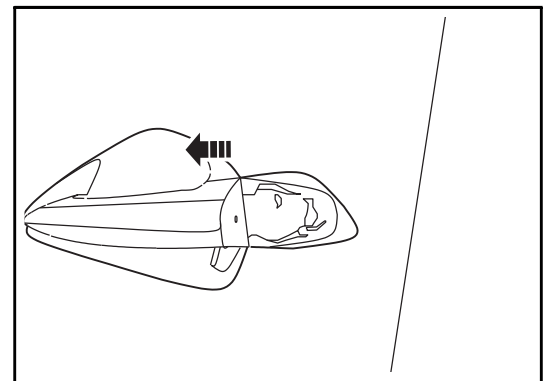


(II) Check

1. Extrinsic check of outer handle assembly
 - 1). Check whether surface of outer handle assembly is flat, whether there is effecting usage deformation of scratch, air bubble.

(III) Installation

1. Install outer handle fastener assembly of rear side vehicle door
 - 1). Install outer handle fastener to outer handle seat from outside vehicle;
2. Install lock core cover of outer handle of vehicle door



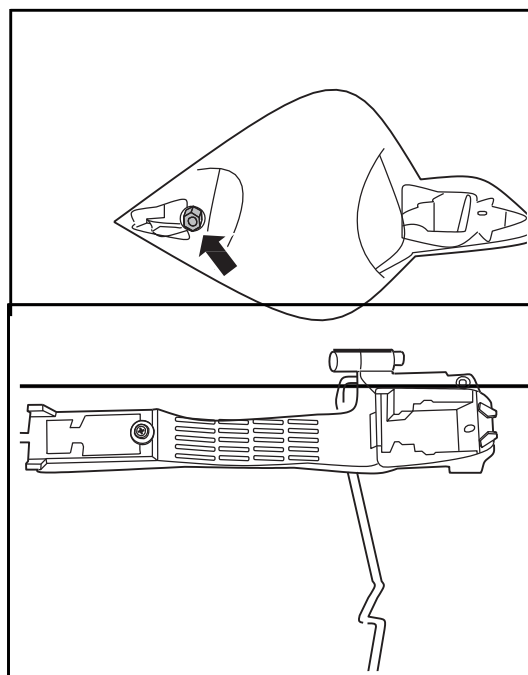
VII、Outer Handle Seat Assembly of Rear Vehicle Door

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove triangle window cover plate assembly of rear vehicle door Refer to "" rear vehicle door trim panel assembly
4. Remove rear vehicle door trim panel assembly Refer to "" rear vehicle door trim panel assembly
5. Remove installation bracket of rear vehicle door handle panel Refer to "" waterproof membrane rear vehicle door
6. Remove waterproof membrane rear vehicle door Refer to "" waterproof membrane rear vehicle door
7. Remove outer handle cover of rear vehicle door Refer to "" outer handle cover of rear vehicle door
8. Remove outer handle fastener assembly of rear vehicle door Refer to "" outer handle fastener assembly of rear vehicle door
9. Remove outer handle seat assembly of rear vehicle door
 - 1). Remove fixed bolt of outer handle seat;

- 2). Disconnect outside open rod of rear vehicle door, and take out outer handle seat assembly between rear vehicle door inner and outer panel;

△ Note Before disconnecting battery negative electrode, it needs to lift window to the highest position to be convenient to take out outer handle seat of rear vehicle door.



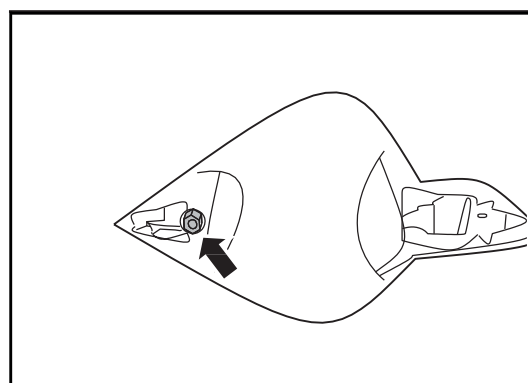
(II) Check

1. Extrinsic check of outer handle assembly
 - 1). Check whether surface of outer handle assembly is flat, whether there is effecting usage deformation of scratch, air bubble.

(III) Install

1. Install outer handle seat assembly of rear vehicle door
 - 1). Install outside open rod of rear vehicle door, and place outer handle seat to installation position;
 - 2). Tighten fixed bolt of outer handle seat;

Tighten torque 5~7N m
2. Install outer handle fastener assembly of rear vehicle door
3. Install outer handle cover of rear vehicle door
4. Install waterproof membrane rear vehicle door
5. Install installation bracket of rear vehicle door handle panel
6. Install rear vehicle door trim panel assembly
7. Install triangle window cover plate assembly of rear vehicle door
8. Connect battery negative electrode
9. Close engine compartment cover

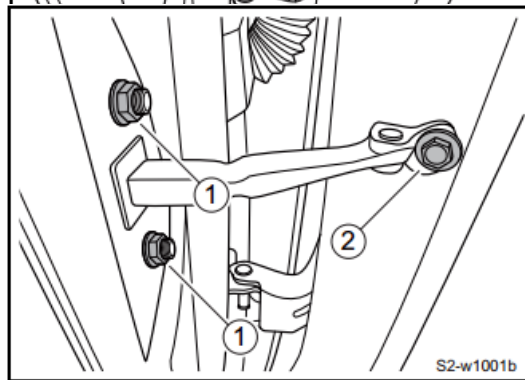
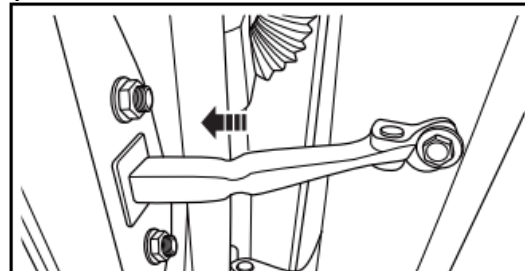
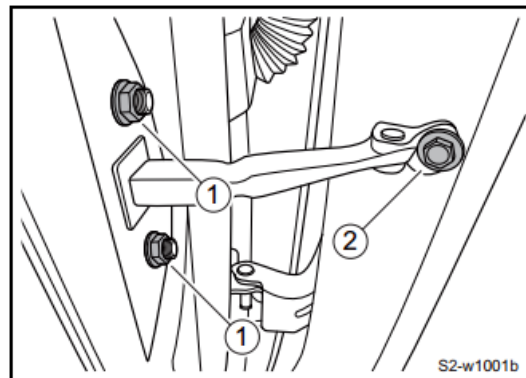


VIII、Rear Side Vehicle Door Limiting Device

(I) Remove

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove triangle window cover plate assembly of rear vehicle door Refer to " " rear vehicle door trim panel assembly
4. Remove rear vehicle door trim panel assembly Refer to " " rear vehicle door trim panel assembly
5. Remove installation bracket of rear vehicle door handle panel Refer to " " waterproof membrane rear vehicle door
6. Remove waterproof membrane rear vehicle door Refer to " " waterproof membrane rear vehicle door
7. Remove rear side vehicle door limiting device
 - 1). Remove 2 fixed nuts ① connecting limiting device and vehicle door;
 - 2). Remove fixed bolt ② connecting limiting device and vehicle body;

- 3). Take out limiting device from inside vehicle door;



(II) Installation

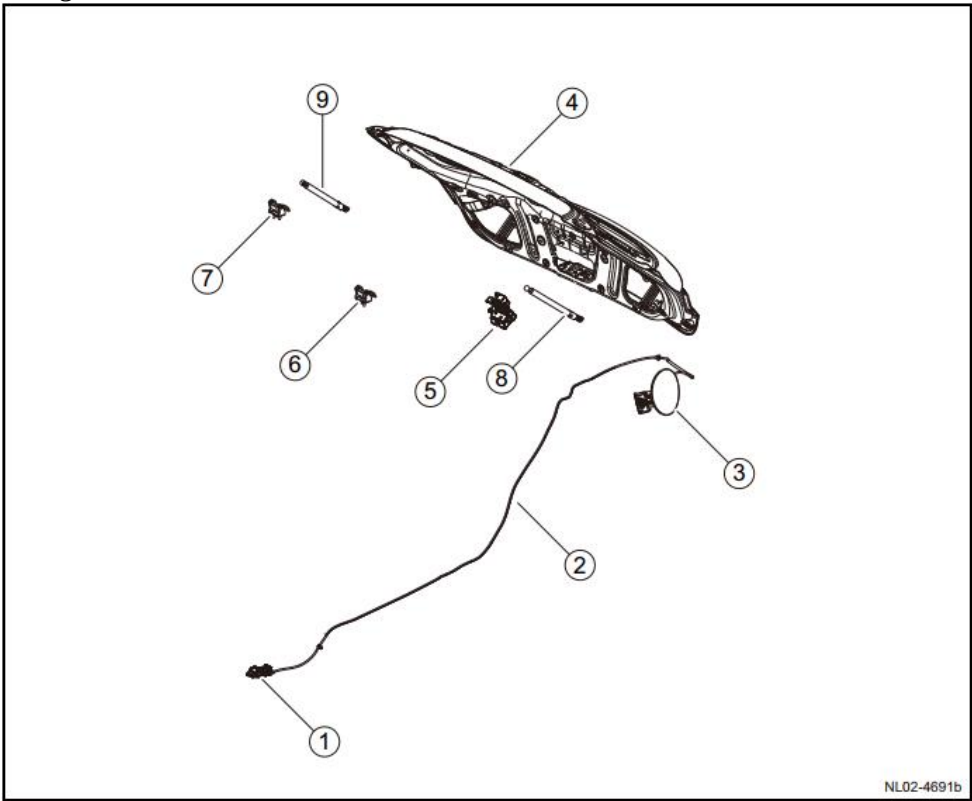
1. Install rear side vehicle door limiting device
 - 1). Install limiting device from inside vehicle door;
 - 2). Tighten 2 fixed nuts ① of limiting device and vehicle door;
Tighten torque 7.8~11.8N m
 - 3). Tighten fixed bolt ② connecting limiting device and vehicle body;
Tighten torque 20~24N m
2. Install waterproof membrane rear vehicle door
3. Install installation bracket of rear vehicle door handle panel
4. Install rear vehicle door trim panel assembly
5. Install triangle window cover assembly of rear vehicle door
6. Connect battery negative electrode
7. Close engine compartment cover

Tail Gate and Fuel Filler Port

I、Summary

(I) Structure Overview

Position Diagram



1. Opening handle of fuel filler port cover
2. Wire drawing assembly of fuel filler port cover
3. Fuel filler port cover assembly
4. Tail door
5. Lock assembly of tail door
6. Left hinge assembly of tail door
7. Right hinge assembly of tail door
8. Left side air supporting rod assembly of tail door
9. Right side air supporting rod assembly of rail door

(II) Maintenance Parameter/Technical Parameter

SN	ITEMS	Adjustment parameter
1	Proper alignment of left/right hinge axle of trunk	Φ0.5mm

(III) Torque Parameter

SN	ITEMS	Torque (N m)
1	Vehicle body side fixed nut of trunk cover hinge	25~29
2	Hinge side fixed bolt of trunk cover	30~36
3	Fixed bolt of fuel filler port cover	7~11

II、Air Supporting Rod Assembly of Tail Door

(I) Removal

1. Remove air supporting rod assembly of tail door

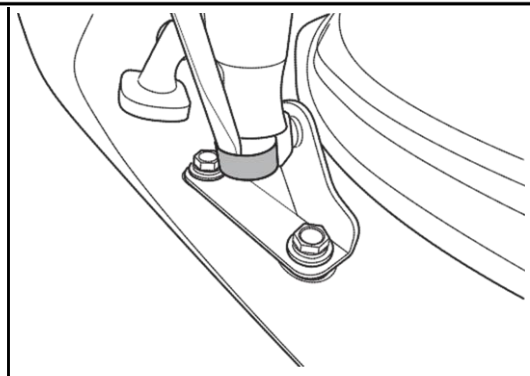
- 1). Open tail door, pry clap spring on upper part of air supporting rod, and disconnect connection of air supporting rod and ball head pin;



- 2). Pry clamp spring on lower part of air supporting rod, and disconnect connection of air supporting rod assembly and ball head pin of air supporting rod and bracket assembly;

- 3). Take down air supporting rod assembly;

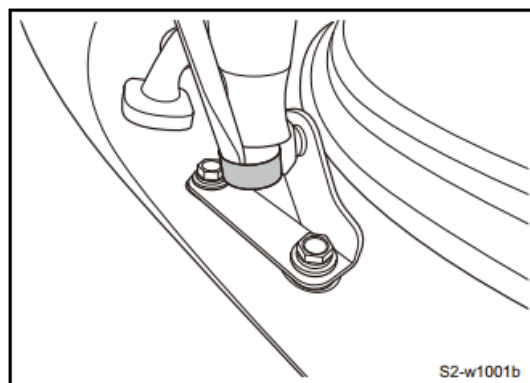
△ Note This process needs partner to help support to prevent tail door dropping.



(II) Installation

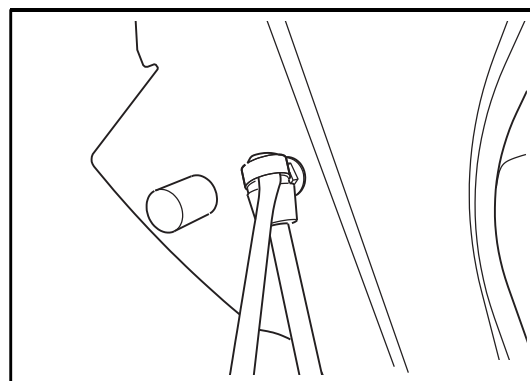
1. Install air supporting rod assembly of tail door

- 1). Connect fairly thick end of air supporting rod assembly and ball head pin and bracket assembly;



- 2). Connect the other end of air supporting rod assembly to ball head pin on vehicle door;

△ Note Installation position of both ends of air supporting rod assembly can't be exchanged.



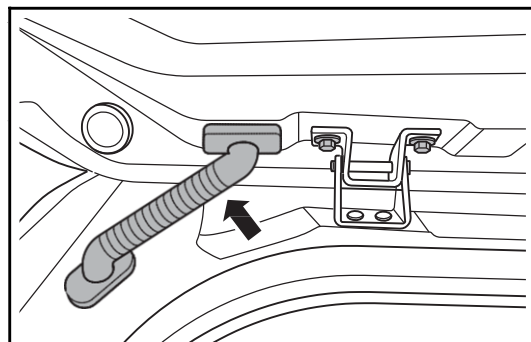
III、Tail Door Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear threshold guard panel assembly (left) Refer to "Rear threshold guard panel assembly"
4. Remove rear seat cushion assembly Refer to "Rear seat backrest"
5. Remove rear seat backrest assembly Refer to "Rear seat backrest"
6. Remove lower fixed bracket assembly of rear seat backrest (left) Refer to "Lower trim panel assembly of C pillar"
7. Remove lower trim panel assembly of C pillar (left) Refer to "Lower trim panel assembly of C pillar"
8. Remove upper trim panel assembly of C pillar (left) Refer to "Upper trim panel assembly of C pillar"

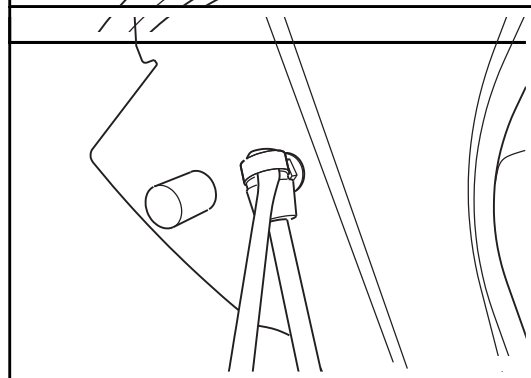
9. Remove tail door assembly

- 1). Remove fixed bolt connecting tail door transition wiring harness grounding point and vehicle body, disconnect wiring harness connector, unplugging left wiring harness rubber jacket of tail door, and pull out tail door transition wiring harness;
- 2). Unplugging right rubber jacket of tail door, and disconnect rear washing water pipe in rubber jacket;

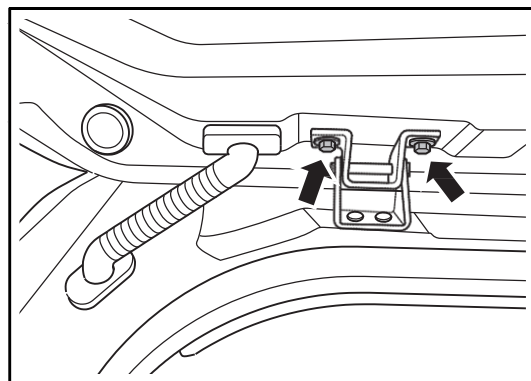


- 3). Pry clamp spring on upper end of air supporting rod, and disconnect connection of air supporting rod and ball head pin;

△Note This process needs partner to help support to prevent tail door dropping.



- 4). Mark position of tail door hinge assembly relative to tail door, and remove 2 fixed bolts connecting tail door and hinge both in left and right side;



- 5). Take down tail door assembly;

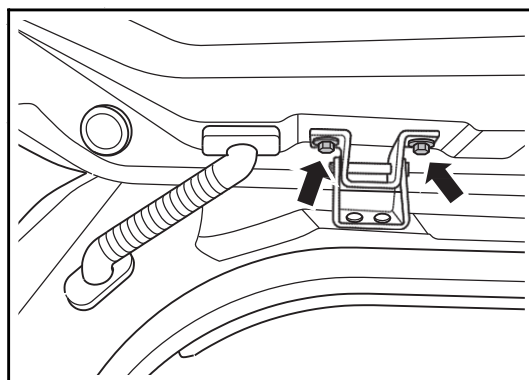
(II) Installation

1. Install tail door assembly

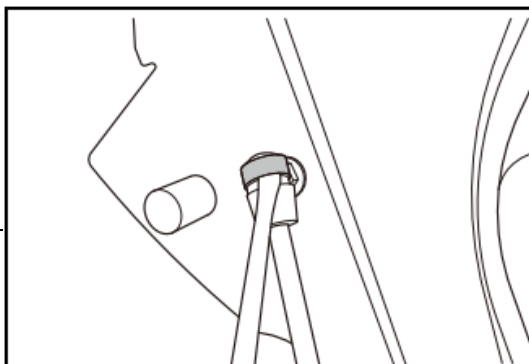
- 1). Install 2 fixed bolts connecting hinge and tail door both in left and right side according to marked position;

Tighten torque 30~36N·m

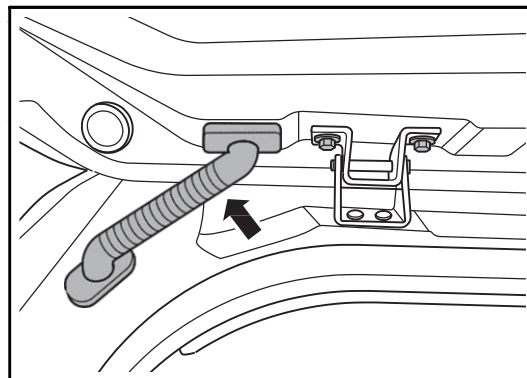
△ Note Pay attention to face difference of tail door assembly and side wall components.



- 2). Connect upper end of air supporting rod and ball head pin;



- 3). Cross tail door transition wiring harness into vehicle from wiring harness rubber jacket hole, connect wiring harness connector inside vehicle, tighten fixed bolt connecting tail door transition wiring harness grounding point and vehicle body, and install left side tail door wiring harness rubber jacket;
- 4). Connect rear washing water pipe in tail door right side rubber jacket, and install right rubber jacket;

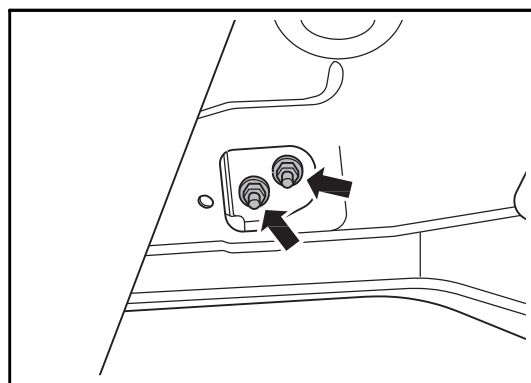


2. Install upper trim panel assembly of C pillar (left)
3. Install lower trim panel assembly of C pillar (left)
4. Install lower fixed bracket assembly of rear seat backrest(left)
5. Install rear seat backrest assembly
6. Install rear seat cushion assembly
7. Install rear threshold guard panel assembly (left)
8. Connect battery negative electrode
9. Close engine compartment cover

IV、Tail Door Hinge Assembly

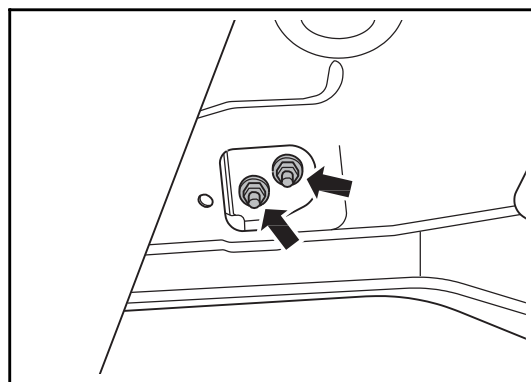
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear threshold guard panel assembly (left) Refer to "Rear threshold guard panel assembly"
4. Remove rear seat cushion assembly Refer to "Rear seat backrest"
5. Remove rear seat backrest assembly Refer to "Rear seat backrest"
6. Remove lower fixed bracket assembly of rear seat backrest (left) Refer to "Lower trim panel assembly of C pillar"
7. Remove lower trim panel assembly of C pillar (left) Refer to "Lower trim panel assembly of C pillar"
8. Remove upper trim panel assembly of C pillar (left) Refer to "Upper trim panel assembly of C pillar"
9. Remove tail door assembly Refer to "Tail door assembly"
10. Remove tail door hinge assembly
 - 1). Remove 3 buckles on rear part of platform, pull down rear part of platform, mark position of tail door hinge relative to vehicle body, remove 2 fixed nuts connecting tail door hinge and vehicle body, and take down tail door hinge assembly;



(II) Installation

1. Install tail door hinge assembly
 - 1). Install 2 fixed nuts connecting tail door hinge and vehicle body according to marked position;
Tighten torque 25~29N·m
 - 2). Install 3 buckles on rear part of platform;

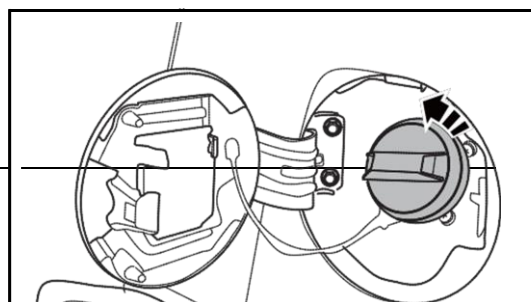


2. Install tail door assembly
3. Install upper trim panel assembly of C pillar (left)
4. Install lower trim panel assembly of C pillar (left)
5. Install lower fixed bracket assembly of rear seat backrest (left)
6. Install rear seat backrest assembly
7. Install rear seat cushion assembly
8. Install rear threshold guard panel assembly (left)
9. Connect battery negative electrode
10. Close engine compartment cover

V、Fuel Filler Port Cover Assembly

(I) Removal

1. Remove plastic fuel tank cover assembly
 - 1). Open fuel filler port cover assembly, rotate out plastic fuel tank cover assembly anticlockwise;
 - 2). Disconnect connecting drawstring connecting plastic fuel tank cover assembly and fuel filler port cover assembly;



3). Take down plastic fuel tank cover assembly;

2. Remove fuel filler port cover assembly

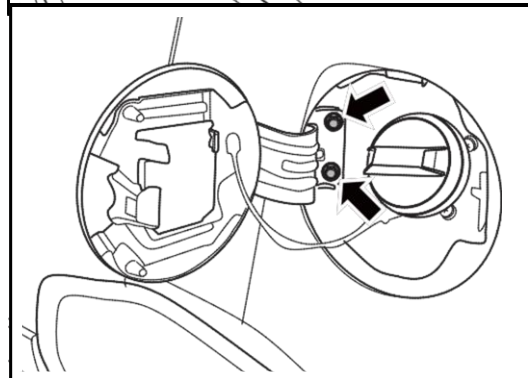
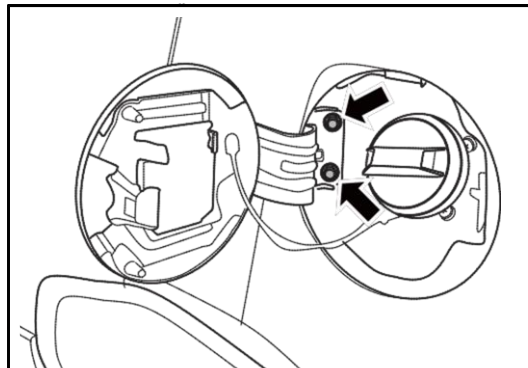
- 1). Remove 2 fixed bolts of fuel filler port cover assembly;
- 2). Take down fuel filler port cover assembly;

(II) Installation

1. Install fuel filler port cover assembly

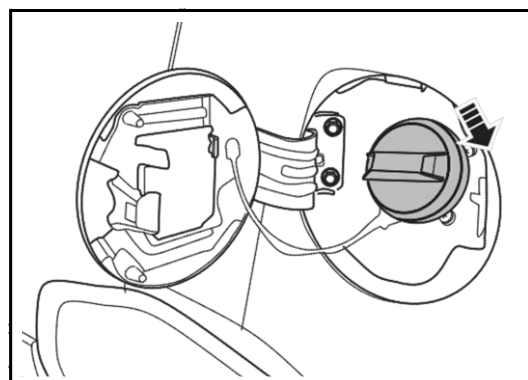
- 1). Place fuel filler port cover assembly to installation position, and tighten 2 fixed bolts;

Tighten torque 7~11N·m



2. Install plastic fuel tank cover assembly

- 1). Connect drawstring of plastic fuel tank cover assembly and fuel filler port cover assembly, and rotate in plastic fuel tank cover assembly clockwise;
- 2). Close fuel filler port cover assembly;



(III) Adjustment

1. Adjust fuel filler port cover assembly

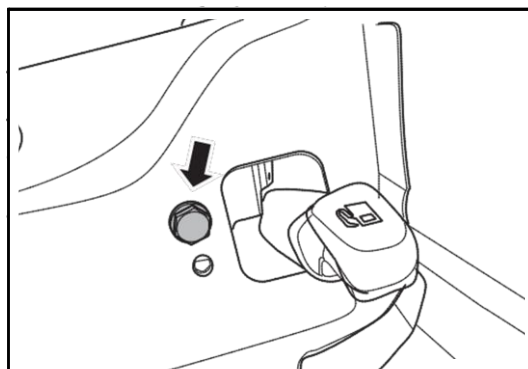
- 1). Open fuel filler port cover assembly;
- 2). Loosen 2 fixed bolts of fuel filler port cover assembly;
- 3). Adjust up/down and left/right direction to make clearance of fuel filler port cover assembly and side fuel filler port cover hole is even;
- 4). Tighten fixed bolts after adjusting.
- 5). Close fuel filler port cover assembly;

VI、Wiredrawing Assembly of Fuel Filler Port Cover

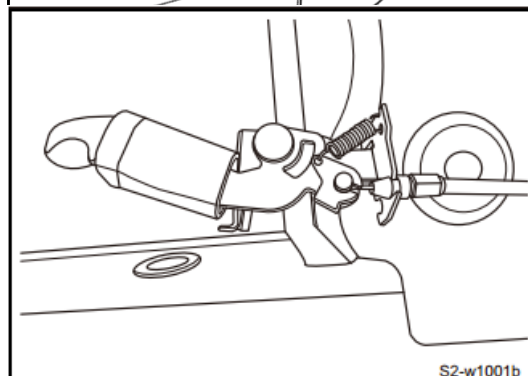
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door threshold guard panel assembly(left) Refer to "Front door threshold guard panel assembly"
4. Remove rear threshold guard panel assembly (left) Refer to "Rear threshold guard panel assembly"
5. Remove lower trim panel assembly of B pillar (left) Refer to "Lower trim panel assembly of B pillar"
6. Remove rear seat cushion assembly Refer to "Rear seat backrest"
7. Remove rear seat backrest assembly Refer to "Rear seat backrest"
8. Remove lower fixed bracket assembly of rear seat backrest (left) Refer to "Lower trim panel assembly of C pillar"
9. Remove lower trim panel assembly of C pillar (left) Refer to "Lower trim panel assembly of C pillar"
10. Remove upper trim panel assembly of C pillar (left) Refer to "Upper trim panel assembly of C pillar"
11. Remove tail door threshold assembly Refer to "Tail door threshold assembly"
12. Remove side trim panel assembly of trunk(left) Refer to "Side trim panel assembly of trunk"
13. Remove opening handle of fuel filler port cover

- 1). Open carpet, remove fixed bolt of opening handle of fuel filler port cover, and take down wiredrawing assembly of fuel filler port cover from behind;

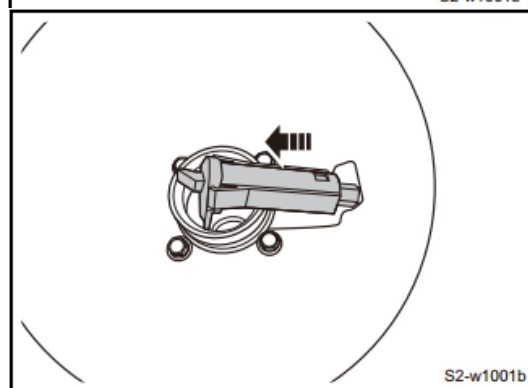


- 2). Disconnect connection of wiredrawing assembly of fuel filler port cover and opening handle of fuel filler port cover, and take down opening handle of fuel filler port cover;



14. Remove wiredrawing assembly of fuel filler port cover

- 1). Disconnect connection of wiredrawing assembly of fuel filler port cover and fuel filler port cover seat and vehicle body, and pull out wiredrawing assembly of fuel filler port cover from fuel filler port;

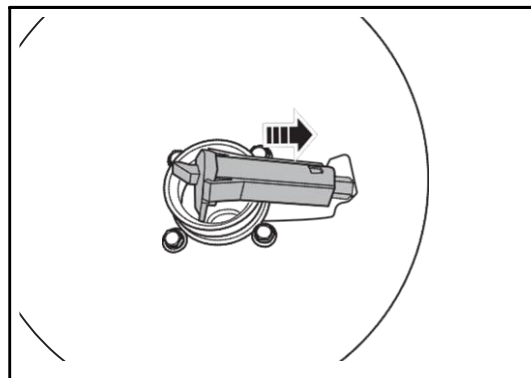


(II) Installation

Note Check whether guard jacket on wiredrawing is complete before installing.

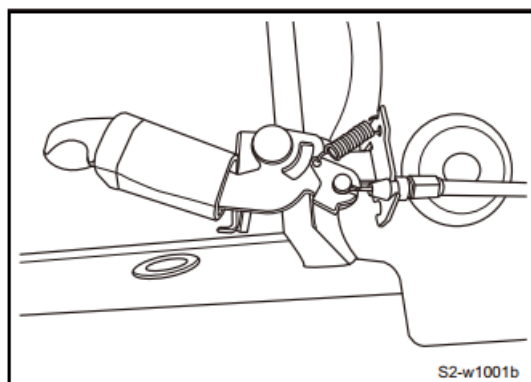
1. Install wiredrawing assembly of fuel filler port cover

- 1). Insert wiredrawing assembly of fuel filler port cover into square hole of fuel filler port seat from outside of vehicle body side wall, and connect and install;

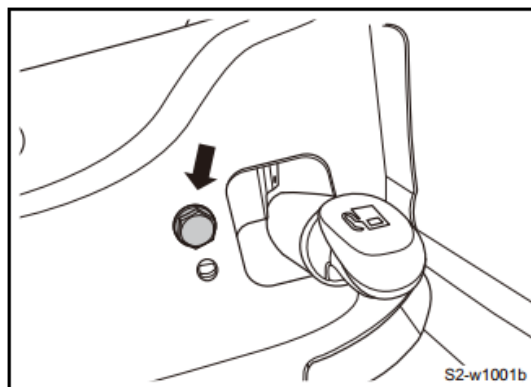


2. Install opening handle of fuel filler port cover

- 1). Connect connection of opening handle of fuel filler port cover and wiredrawing assembly of fuel filler port cover;



- 2). Place opening handle of fuel filler port cover to installation position, and tighten fixed bolt;



3. Install left side trim panel assembly of trunk (left)

4. Install tail door threshold assembly

5. Install upper trim panel assembly of C pillar (left)

6. Install lower trim panel assembly of C pillar (left)

7. Install lower fixed bracket assembly of rear seat backrest (left)

8. Install rear seat backrest assembly

9. Install rear seat cushion assembly

10. Install lower trim panel assembly of B pillar (left)

11. Install rear threshold guard panel assembly (left)

12. Install front door threshold guard panel assembly (left)

13. Connect battery negative electrode

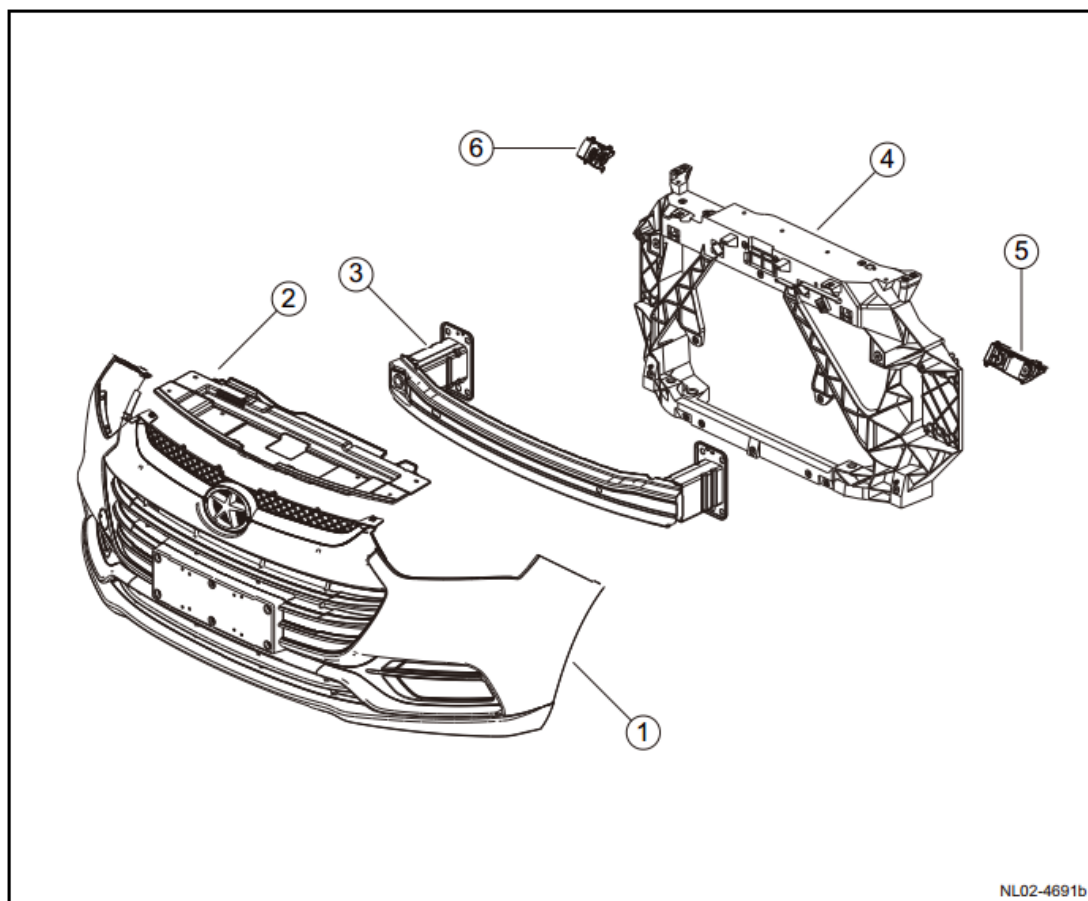
14. Close engine compartment cover

Front and Rear Bumper

I、Summary

(I) Structure Overview

Explored Diagram of Front/Rear Bumper



1. Front bumper assembly

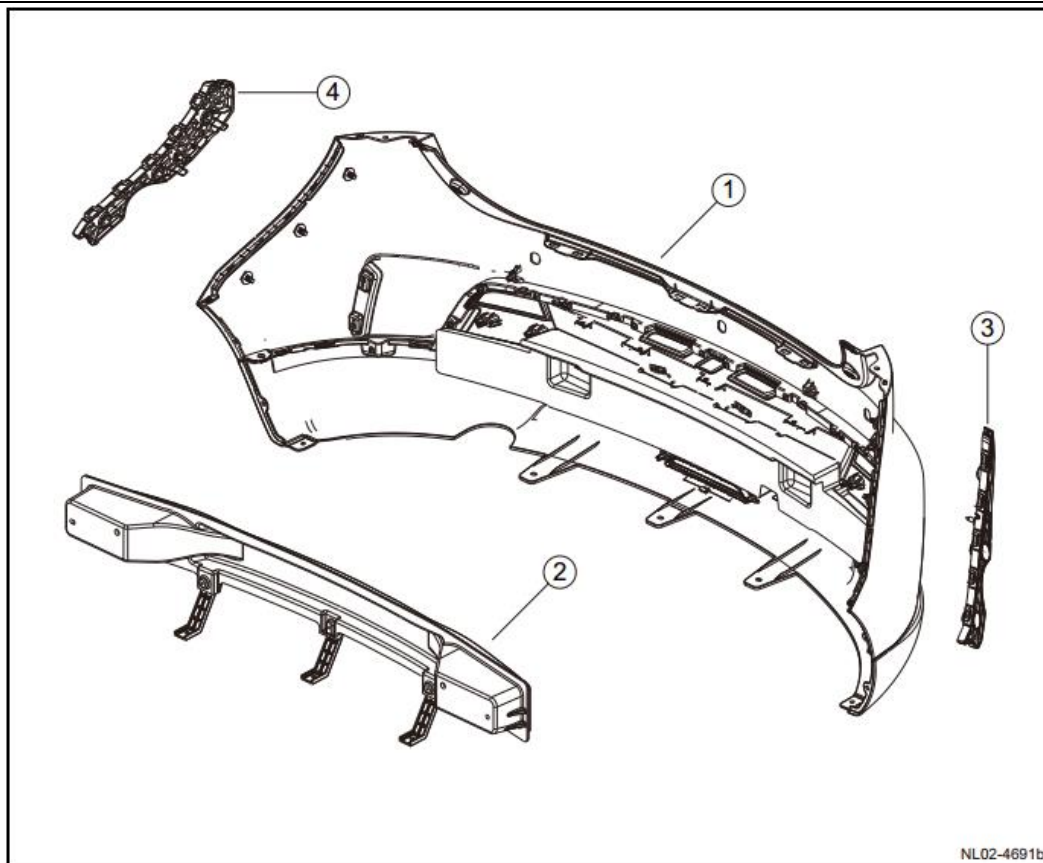
2. Upper cover plate of front bumper

3. Front bumper beam assembly

4. Front frame assembly

5. Left fixed bracket of front bumper

6. Right fixed bracket of front bumper



1. Rear bumper assembly

2. Rear bumper beam assembly

3. Left fixed bracket of rear bumper

4. Right fixed bracket of rear bumper

(II) Torque Parameter

No.	Item	Torque (N·m)
1	Fixed bolt of upper cover plate of front bumper	7~9
2	Fixed bracket fixed bolt of front bumper	9~11
3	Fixed bracket fixed bolt of front bumper	9~11
4	Fixed bolt of front frame assembly	20~25
5	Fixed nut of rear bumper beam	20~25

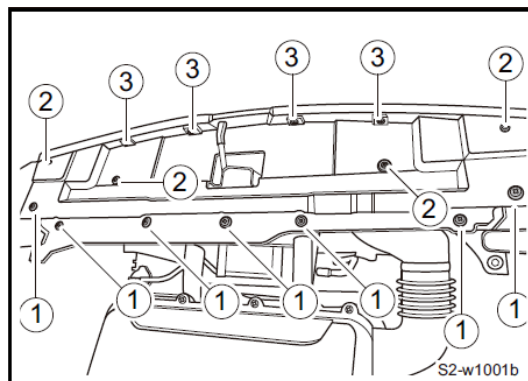
(III) Maintenance Note

- (1). During dismantle and installation of parts, it shall protect the parts well from any scratch or damage.
- (2). During dismantle panel buckles; wrap up screwdriver's edge in case of any scratch in car body or panel.
- (3). During installation of trimming, make sure fit the buckles into the right holes, then press in gently
- (4). During dismantle of big parts, team cooperation called in case of falling to cause parts damage or people injury.
- (5). During trimming's loading or unloading, to avoid to overexert in case of parts damage or torsion

II、Upper Cover Plate of Front Bumper

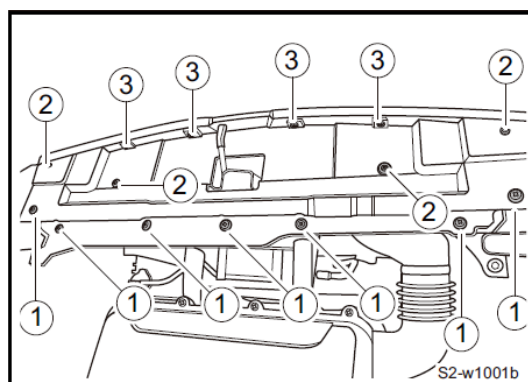
(I) Removal

1. Open engine compartment cover
2. Remove upper cover plate of front bumper
 - 1). Remove 7 expansion buckles ① and 4 fixed bolts ② of upper cover plate of front bumper;
 - 2). Remove 4 fixed bolts ③ of front end of upper cover plate of front bumper;
 - 3). Take down upper cover plate of front bumper;



(II) Installation

1. Install upper cover plate of front bumper
 - 1). Place upper cover plate of front bumper to installation position;
 - 2). Tighten 7 expansion buckles ① of upper cover plate of front bumper;
 - 3). Tighten 4 fixed bolts ② of upper cover plate of front bumper;
Tighten torque 7~9N·m
 - 4). Tighten 4 fixed bolts ③ of front end of upper cover plate of front bumper;
Tighten torque 7~9N·m
2. Close engine compartment cover

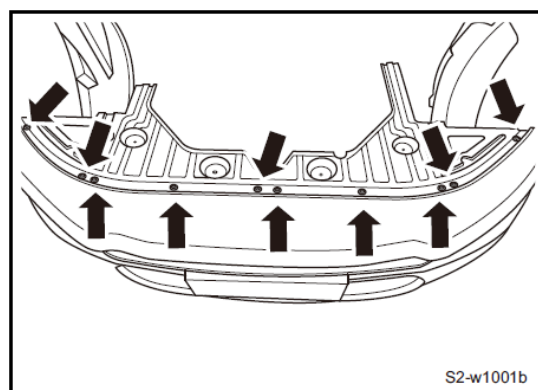


III、Front Bumper Assembly

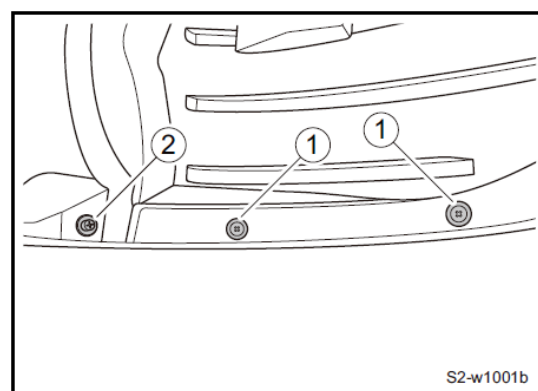
(I) Removal

△Note Bumper is made of resin, please don't force operation, and avoid to contact with oil. Don't scratch surface of bumper when removing.

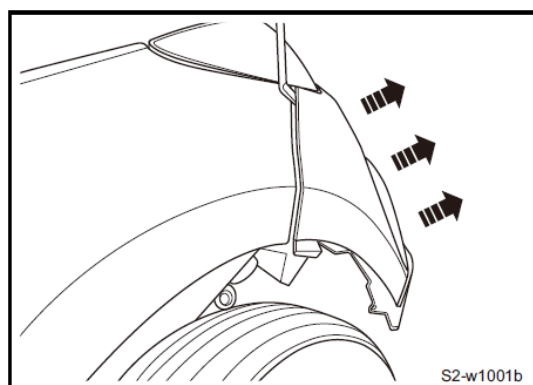
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove upper cover plate of front bumper Refer to "Upper cover plate of front bumper"
4. Remove front bumper assembly
 - 1). Remove 10 expansion buckles in lower part of front bumper;



- 2). Remove 2 fixed expansion buckles ① and fixed bolt ② both in left and right side of front bumper and front wheel cover;



- 3). Handle lower flange of front bumper and pull outward to make front bumper and fender separate, insert crowbar into gap, disconnect connection of front bumper bracket and lower flange of front bumper from up to down, and separate bumper and bumper bracket;
- 4). Disconnect wiring harness connector of front fog light assembly and daylight driving light assembly, and take down front bumper assembly;

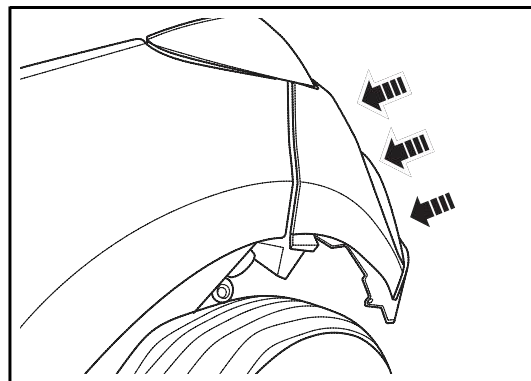


(II) Installation

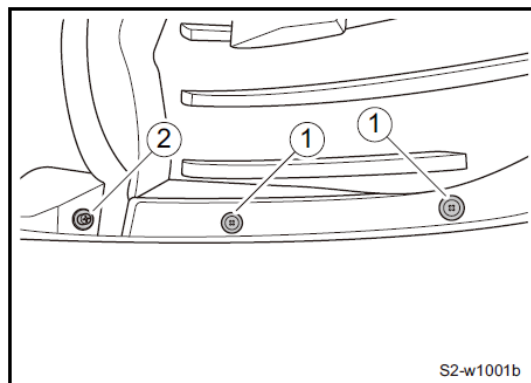
1. Install front bumper assembly

- 1). Connect wiring harness connector of front fog light assembly and daylight driving light assembly, and connect lower flange of front bumper and bumper bracket in proper order;

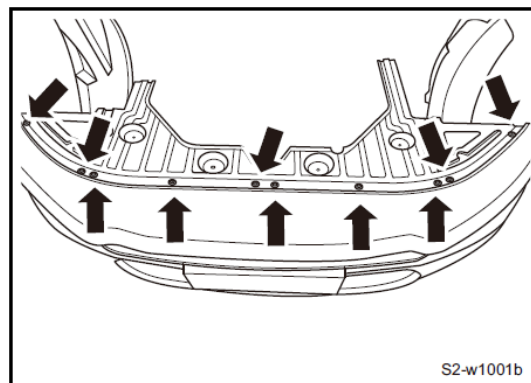
△Note When installing front bumper, connect it to bumper fixed bracket in place. After installing, check whether there is surface difference and gap in fitting position of bumper and vehicle body.



- 2). Tighten 2 fixed expansion buckles ① and fixed bolt ② both in left and right side of front bumper and front wheel cover;



- 3). Tighten 10 expansion buckles in lower part of front bumper;

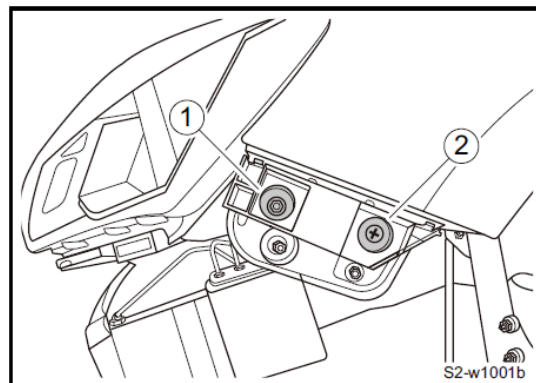


2. Install upper cover plate of front bumper
3. Connect battery negative electrode
4. Close engine compartment cover

IV、Fixed Bracket of Front Bumper

(I) Removal

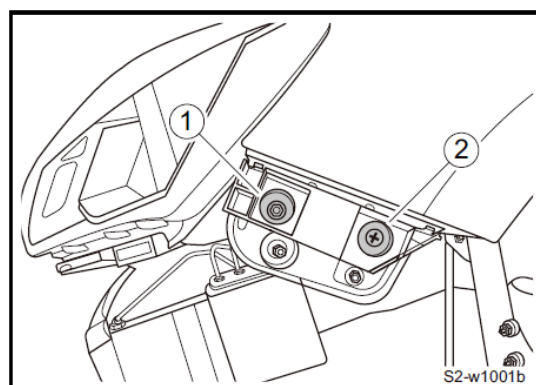
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove upper cover plate of front bumper Refer to "Upper cover plate of front bumper"
4. Remove front bumper assembly Refer to "Front bumper assembly"
5. Remove fixed bracket of front bumper
 - 1). Remove fixed bolt ① and fixed bolt ② of fixed bracket of front bumper, disconnect buckle, and take down fixed bracket of front bumper;



(II) Installation

1. Install fixed bracket of front bumper
 - 1). Place fixed bracket of front bumper to installation position, and tighten fixed bolts①

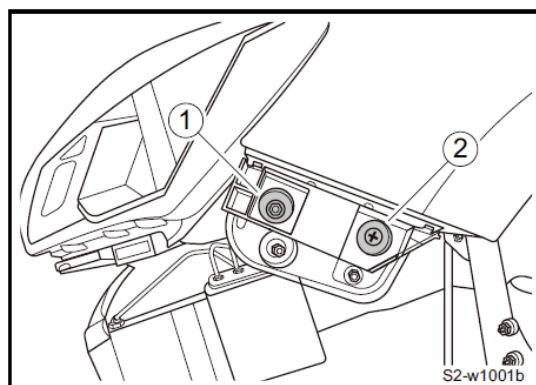
Tighten torque 9~11N m



- 2). Tighten the other fixed bolt ② of fixed bracket of front bumper;

Tighten torque 9~11N m

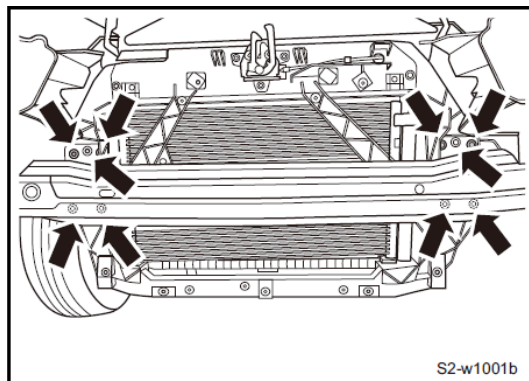
2. Install front bumper assembly
3. Install upper cover plate of front bumper
4. Connect battery negative electrode
5. Close engine compartment cover



V、Front Bumper Beam Assembly

(I) Removal

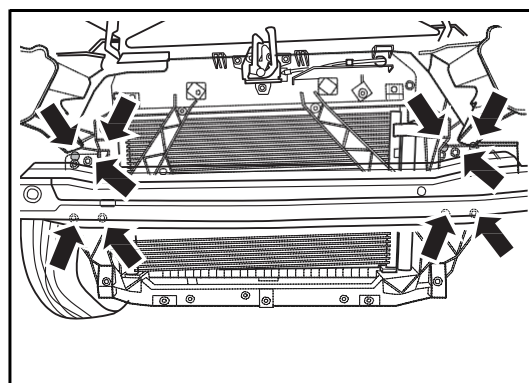
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove upper cover plate of front bumper Refer to "Upper cover plate of front bumper"
4. Remove front bumper assembly Refer to "Front bumper assembly"
5. Remove front bumper beam assembly
 - 1). Remove 5 fixed bolts both in left and right side of front bumper beam assembly, and take down front bumper beam assembly;



(II) Installation

1. Install front bumper beam assembly
 - 1). Place front bumper beam assembly and front frame assembly to installation position, tighten 5 fixed bolts both in left and right side;

Tighten torque 20~25N m

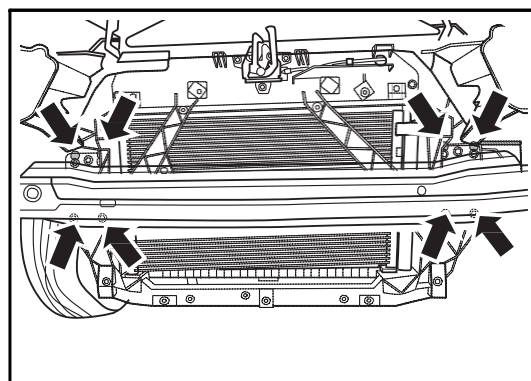


2. Install front bumper assembly
3. Install upper cover plate of front bumper
4. Connect battery negative electrode
5. Close engine compartment cover

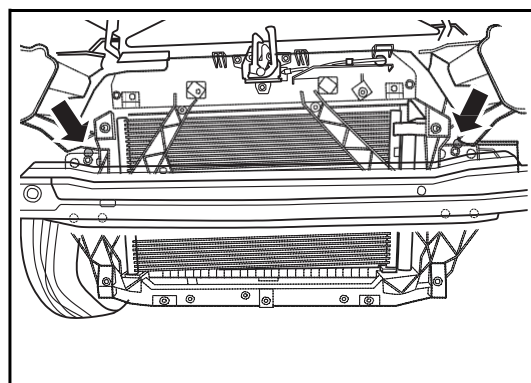
VI、Front Frame Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove upper cover plate of front bumper Refer to "Upper cover plate of front bumper"
4. Remove front bumper assembly Refer to "Front bumper assembly"
5. Recycle refrigerant, refrigeration oil Refer to "Refrigerant, refrigeration oil"
6. Discharge engine coolant Refer to "Engine coolant"
7. Remove coolant pot assembly Refer to "Coolant pot assembly"
8. Remove radiator ventilation hose Refer to "Radiator ventilation hose"
9. Remove engine left front hood Refer to "Engine front hood"
10. Remove engine right front hood Refer to "Engine front hood"
11. Remove front combination light assembly (left/right) Refer to "Front combination light assembly"
12. Remove radiator fan assembly Refer to "Radiator fan assembly"
13. Remove radiator assembly Refer to "Radiator assembly"
14. Remove condenser assembly Refer to "Condenser assembly"
15. Remove high pitch horn assembly Refer to "High pitch horn assembly"
16. Remove front frame assembly
 - 1). Remove 4 fixed bolts both in left and right side of front frame assembly, and take down front bumper beam assembly and front frame assembly;

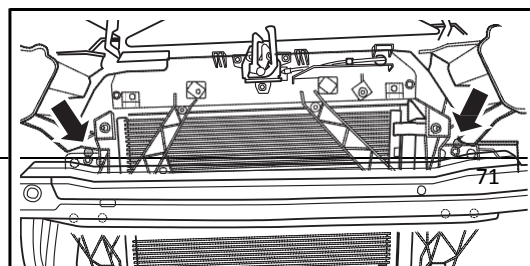


- 2). Remove fixed bolt both in left and right side of front bumper beam, separate front bumper beam assembly and front frame assembly;



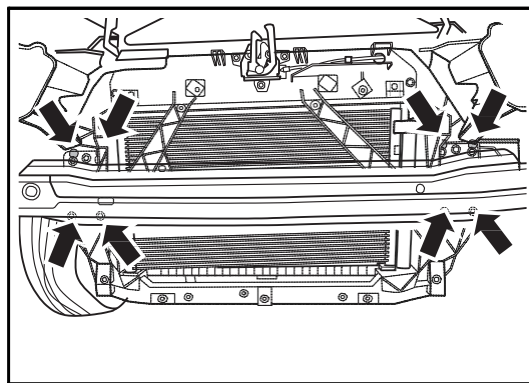
(II) Installation

1. Install front frame assembly
 - 1). Install front bumper beam assembly and front frame assembly, and tighten fixed bolts both in left and right side;



- 2). Place front bumper beam assembly and front frame assembly to installation position, and tighten 4 fixed bolts both in left and right side;

Tighten torque 20~25N m



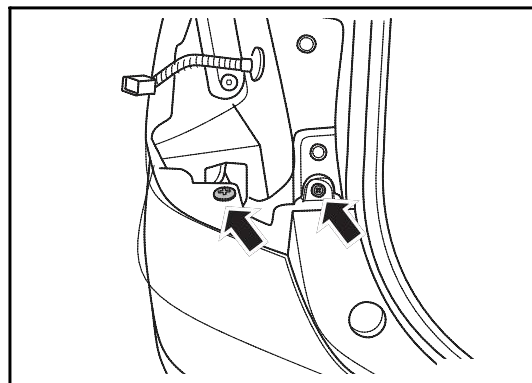
2. Install high pitch horn assembly
3. Install condenser assembly
4. Install radiator assembly
5. Install radiator fan assembly
6. Install front combination light assembly (left/right)
7. Install engine right front hood
8. Install engine left front hood
9. Install radiator ventilation hose
10. Install coolant pot assembly
11. Fill engine coolant
12. Fill refrigerant, refrigeration oil
13. Install front bumper assembly
14. Install upper cover plate of front bumper
15. Connect battery negative electrode
16. Close engine compartment cover

VII、Rear Bumper Assembly

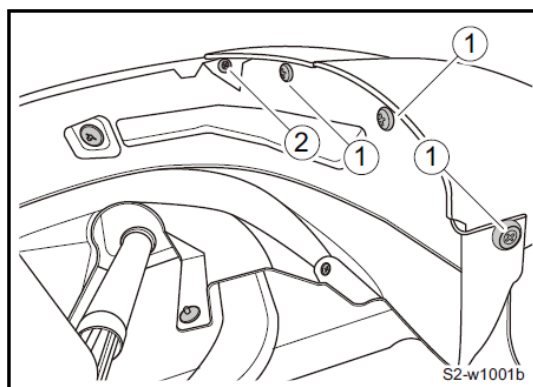
(I) Remove

△Note Bumper is made of resin, please don't force operation, and avoid to contact with oil. Don't scratch surface of bumper when removing.

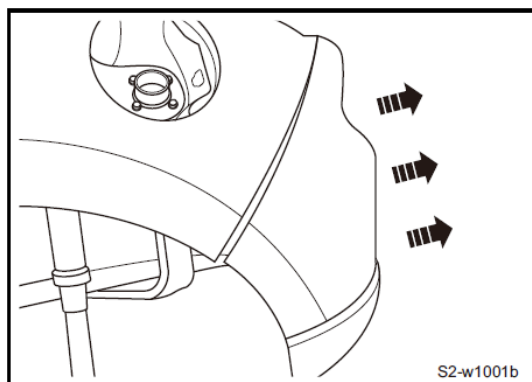
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear side wall combination light assembly (left/right) Refer to "Rear side wall combination light assembly"
4. Remove rear bumper assembly
 - 1). Remove expansion buckle and fixed bolt both in left and right side of upper part of rear bumper assembly;



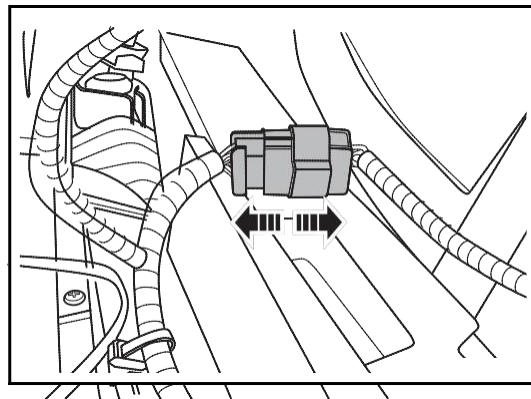
- 2). Remove 3 expansion buckles ① and fixed bolt ② in both left and right side of rear bumper and rear wheel cover;



- 3). Remove 3 expansion buckles in lower part of rear bumper.
Handle lower flange of rear bumper and pull outward to separate bumper and vehicle body metal sheet, insert flat head screwdriver in gap, disconnect connection of bumper bracket and lower flange of bumper from down to up, and disconnect connection of bumper and bumper bracket;



- 4). Disconnect wiring harness connector of rear bumper, and take down rear bumper assembly;

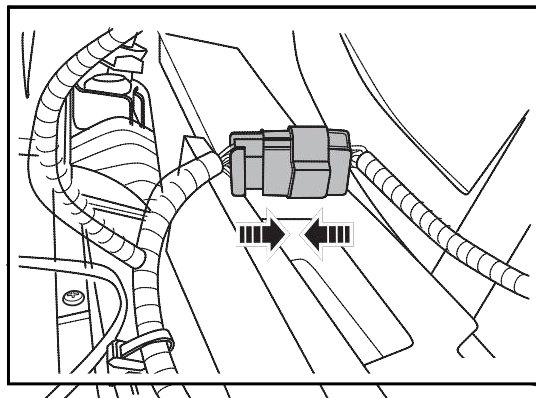


(II) Installation

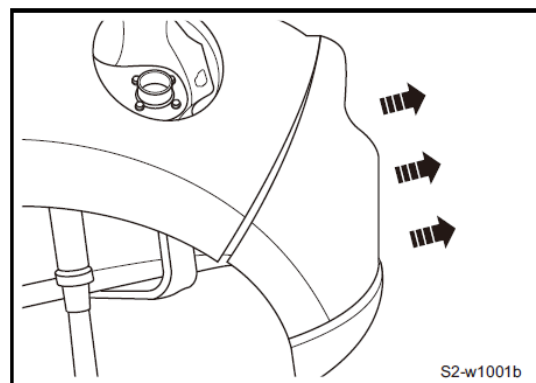
1. Install rear bumper assembly

- 1). Connect wiring harness connector of rear bumper, connect flange of rear bumper and bracket, and install 3 expansion buckles in lower part of bumper;

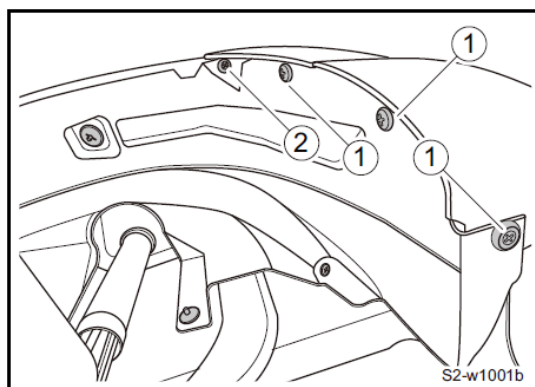
△Note When installing front bumper, connect it to bumper fixed bracket in place. After installing, check whether there is surface difference and gap in fitting position of bumper and vehicle body.



- 2). Install expansion buckle and fixed bolt both in left and right side of upper part of bumper;



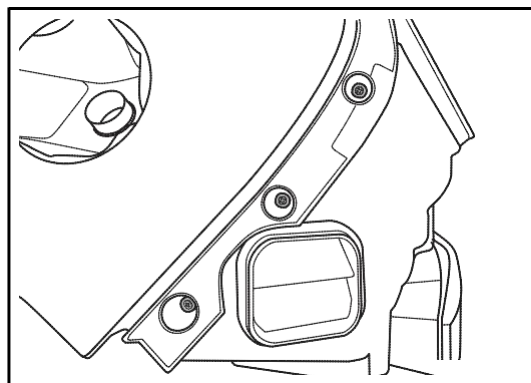
- 3). Install 3 expansion buckles and fixed bolts both in left and right side of rear bumper;
2. Install rear side wall combination light assembly (left/right)
3. Connect battery negative electrode
4. Close engine compartment cover



VIII、Fixed Bracket of Rear Bumper

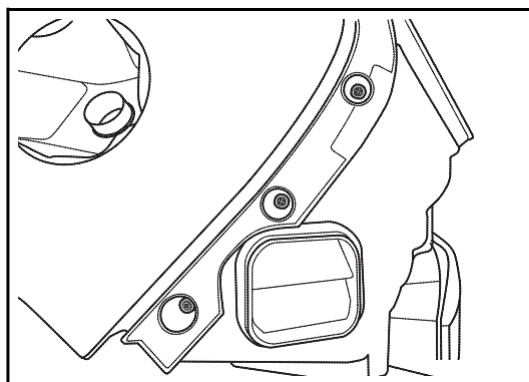
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear side wall combination light assembly (left/right) Refer to "Rear side wall combination light assembly"
4. Remove rear bumper assembly Refer to "Rear bumper assembly"
5. Remove fixed bracket of rear bumper
 - 1). Pry buckles connecting fixed bracket of rear bumper and vehicle body, and take down fixed bracket of rear bumper;



(II) Installation

1. Install fixed bracket of rear bumper
 - 1). Place fixed bracket of rear bumper to installation position, and tighten buckles;

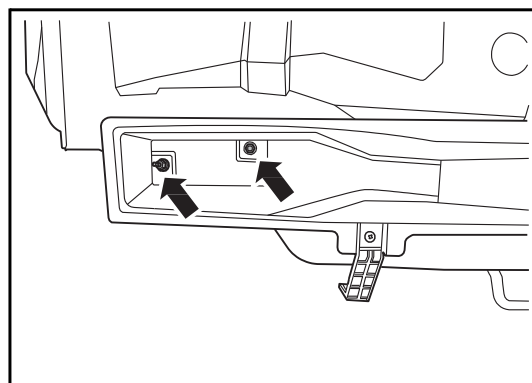


2. Install rear bumper assembly
3. Install rear side wall combination light assembly (left/right)
4. Connect battery negative electrode
5. Close engine compartment cover

IX、Rear Bumper Beam Assembly

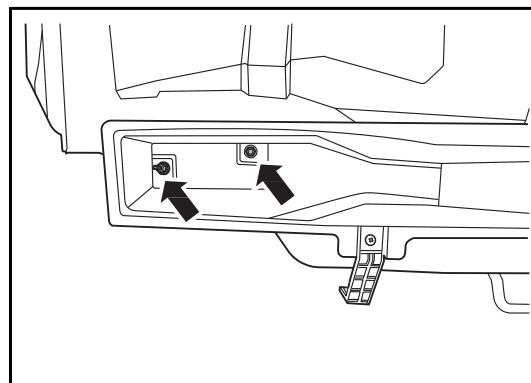
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear side wall combination light assembly (left/right) Refer to "Rear side wall combination light assembly"
4. Remove rear bumper assembly Refer to "Rear bumper assembly"
5. Remove rear bumper beam assembly
 - 1). Remove 2 fixed nuts both in left and right side of bumper beam;
 - 2). Take down bumper beam;



(II) Install

1. Install rear bumper beam assembly
 - 1). Place rear bumper beam assembly to installation position, pre-install 2 fixed nuts both in left and right side;
 - 2). Tighten 2 fixed nuts both in left and right side;
- Tighten torque 20~25N·m

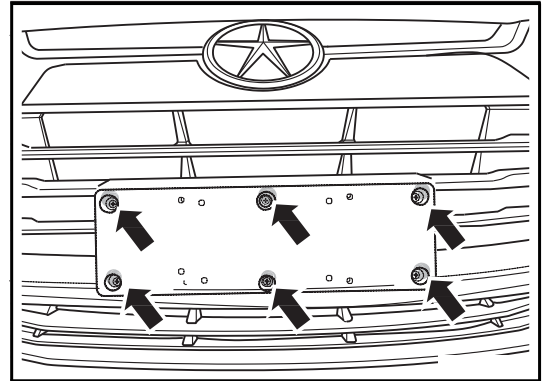


2. Install rear bumper assembly
3. Install rear side wall combination light assembly (left/right)
4. Connect battery negative electrode
5. Close engine compartment cover

X、Installation Plate of Front License Plate

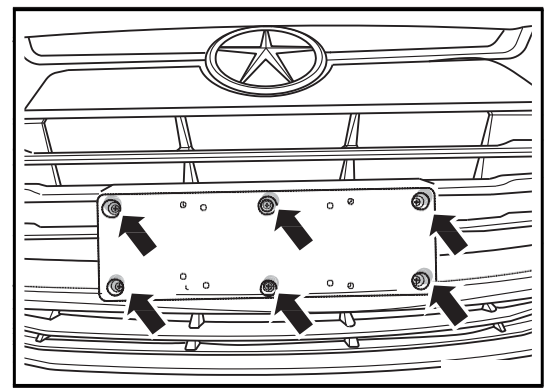
(I) Removal

1. Remove installation plate of front license plate
 - 1). Remove 6 fixed bolts of installation plate of front license plate, and take down installation plate of front license plate;



(II) Installation

1. Install installation plate of front license plate
 - 1). Place installation plate of front license plate to installation position, and tighten 6 fixed bolts;

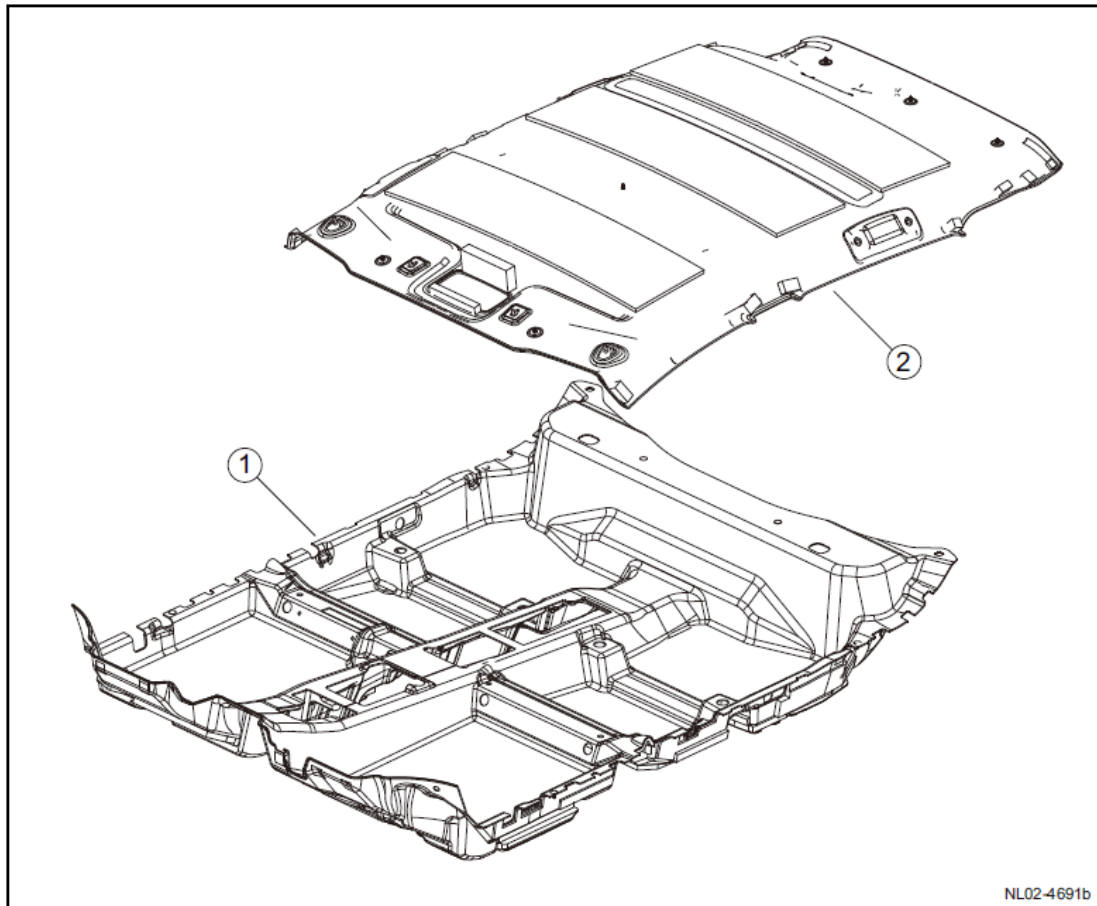


Interior Trim

I、Summary

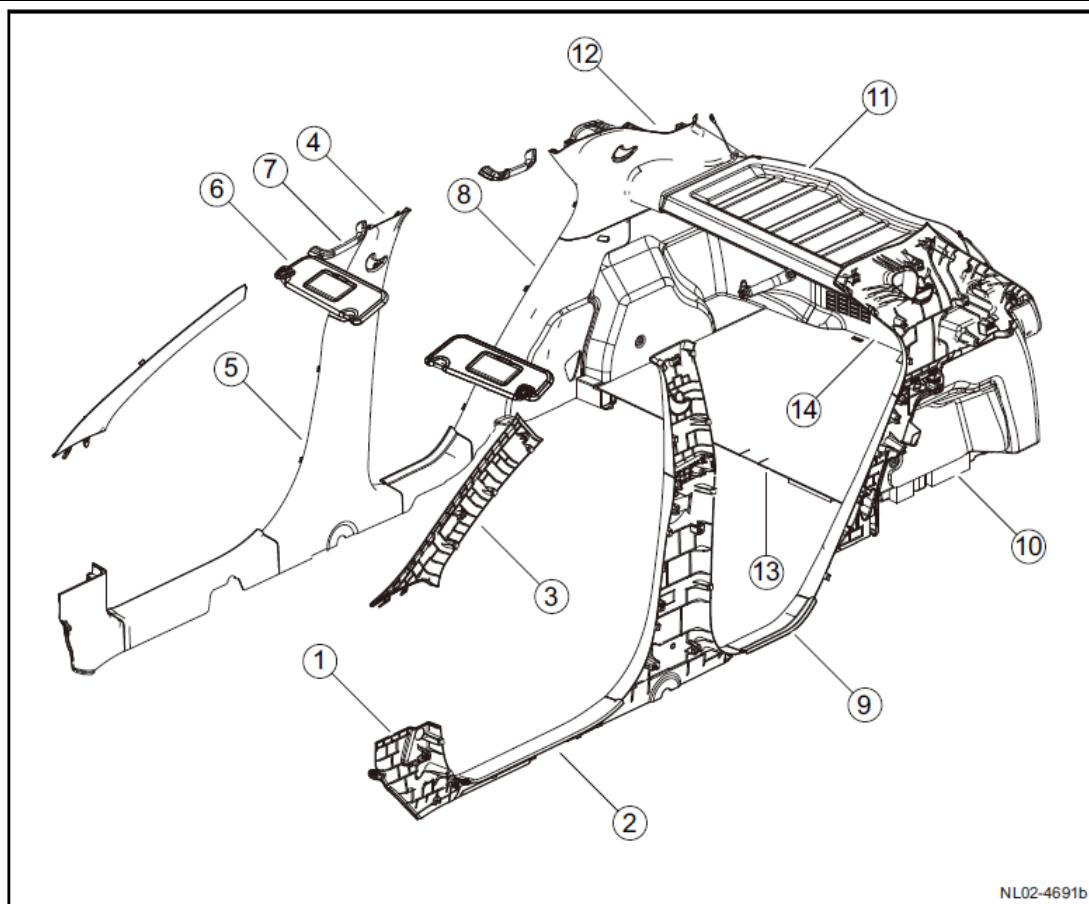
(I) Structure Overview

Component Location Diagram

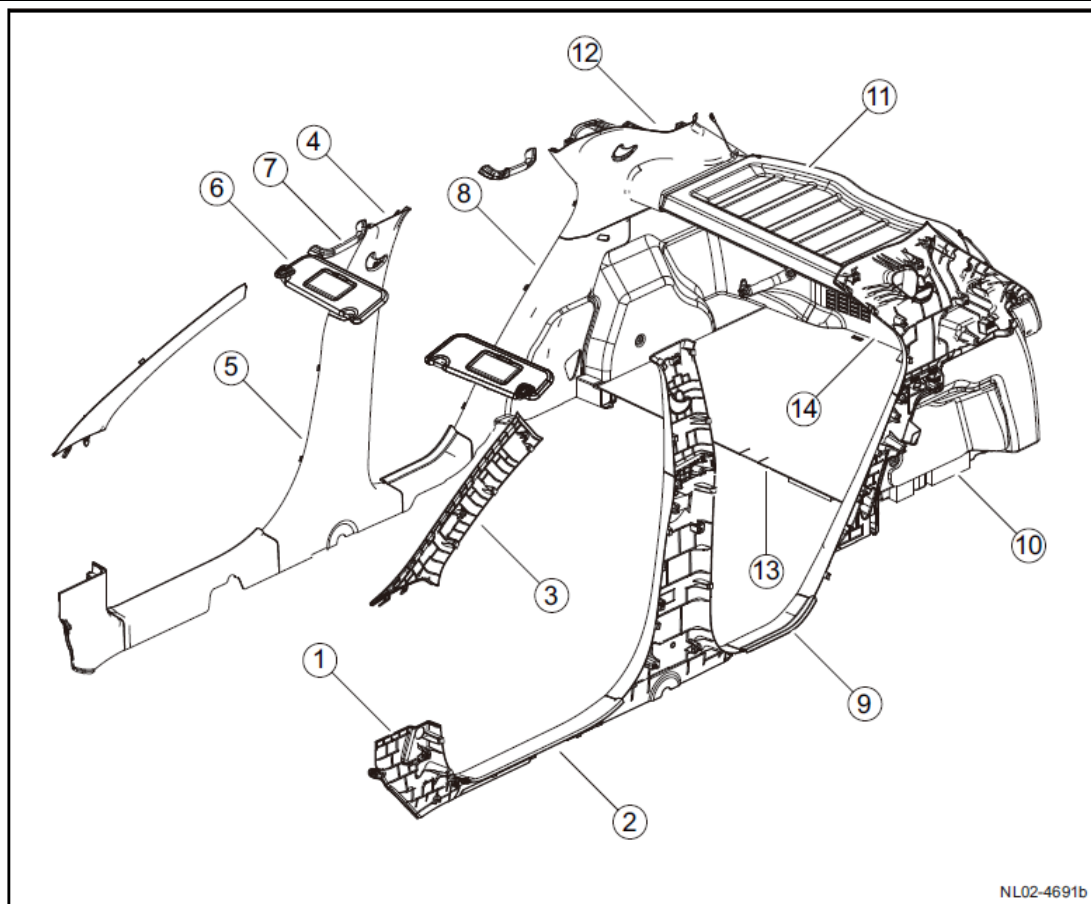


1. Carpet assembly

2. Platfond Assembly



- | | |
|--|--|
| 1. Lower trim panel assembly of A pillar | 2. Front door threshold guard panel assembly |
| 3. Upper trim panel assembly of A pillar | 4. Upper trim panel assembly of B pillar |
| 5. Lower trim panel assembly of B pillar | 6. Sun visor assembly |
| 7. Platfond handle assembly | 8. Lower trim panel assembly of C pillar |
| 9. Rear threshold guard panel assembly | 10. Trunk side trim panel assembly |
| 11. Hatstand assembly | 12. Upper trim panel assembly of C pillar |
| 13. Spare tire cover plate assembly | 14. Tail door threshold assembly |



- | | |
|---|--|
| 1. Front door trim panel assembly | 2. Rear door trim panel assembly |
| 3. Tail door trim panel assembly | 4. Front door triangle window cover plate assembly |
| 5. Front door inclined handle | 6. Front door handle panel |
| 7. Rear door triangle window cover plate assembly | 8. Rear door handle panel |

(II) Torque Parameter

No.	Item	Torque (N·m)
1	Lower fixed bolt of safety belt	45~55
2	Fixed bolt of lower fixed bracket assembly of rear seat backrest	22~29
3	Fixed bolt of sun visor assembly	6~12
4	Fixed bolt of platfond handle	6~12
5	Inner fixed bolt of inner handle	5~7
6	Fixed bolt of steering column jacketing	1.4

(III) Maintenance Note

- (1). Protect the spare parts that need to be dismantled with cloth from damage before dismantling and installing spare parts;
- (2). Encase edge of screw driver with cloth before dismantling mental clip from interior trim;
- (3). Please use professional tools to dismantle interior parts, otherwise the car body could be damaged;
- (4). When installing the interior parts , confirm the clips be mounted in the panel hole properly, then press them down carefully.
- (5). If the spare parts installing cannot be completed by one people, help from another people is need in case of falling;

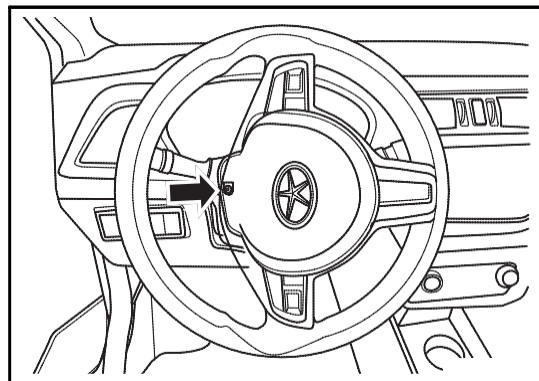
(6). Please do not apply excessive force when dismantling and installing these interior parts to avoid deformation.

II、Steering Column Jacketing

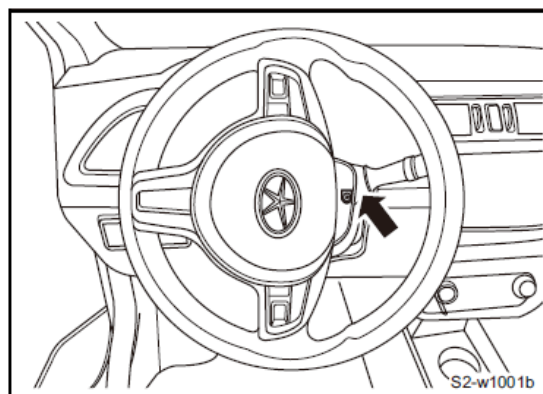
(I) Removal

1. Remove steering column jacketing

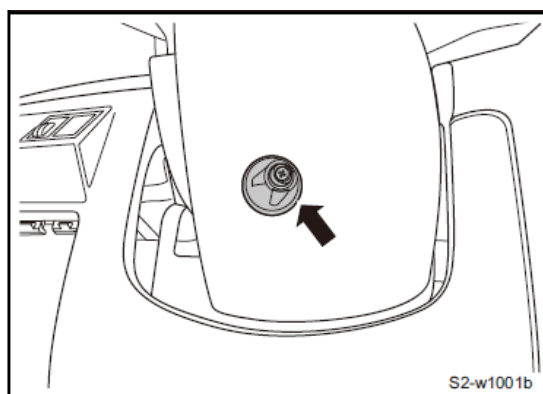
- 1). Rotate steering wheel 90 °anticlockwise, and remove left fixed bolt of steering column jacketing;



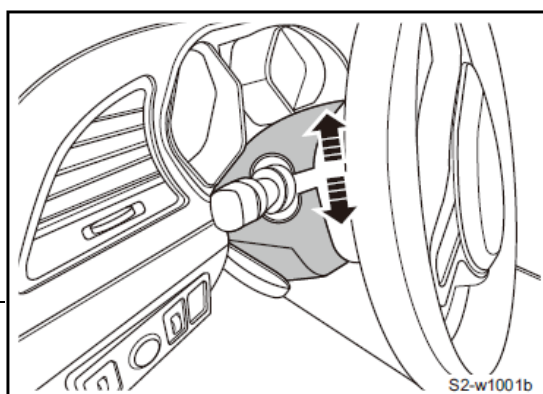
- 2). Rotate steering wheel 180 °anticlockwise, and remove right fixed bolt of steering column jacketing;



- 3). Remove lower jacketing fixed bolt of steering column;



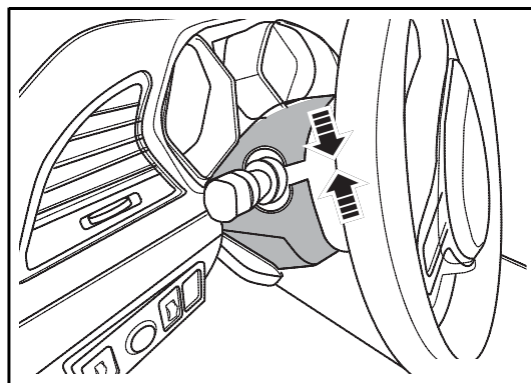
- 4). Adjust adjusting rod of steering column to the lowest, disconnect buckles of lower guard panel of dashboard, disconnect buckles of upper and lower jacketing of steering column, and take down upper/lower jacketing separately;



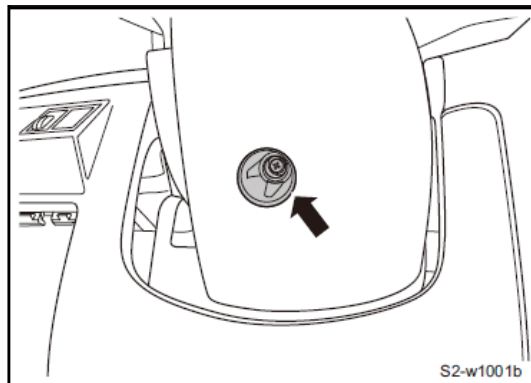
(II) Installation

1. Install steering column jacketing

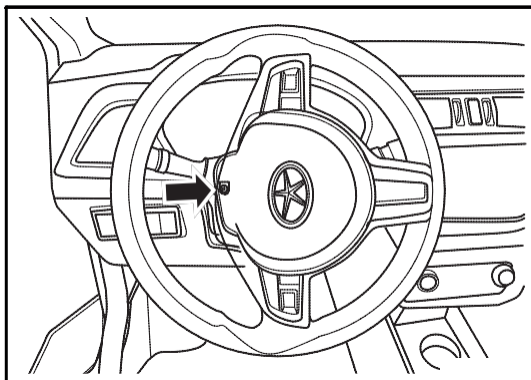
- 1). Install upper and lower jacketing of steering column and tighten buckles, and install lower guard panel of dashboard in place;



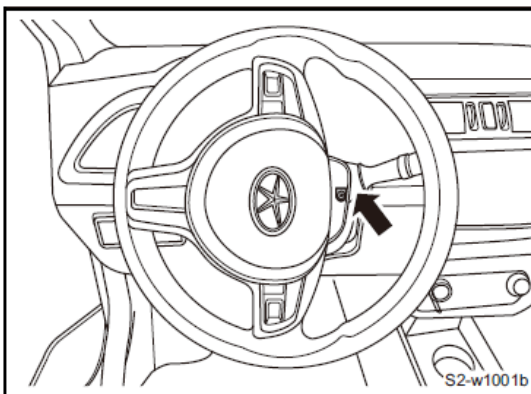
- 2). Tighten fixed bolt of lower jacketing of steering column;
Tighten torque 1.4N·m



- 3). Rotate steering wheel 90° anticlockwise, and tighten left fixed bolt of steering column jacketing;
Tighten torque 1.4N·m



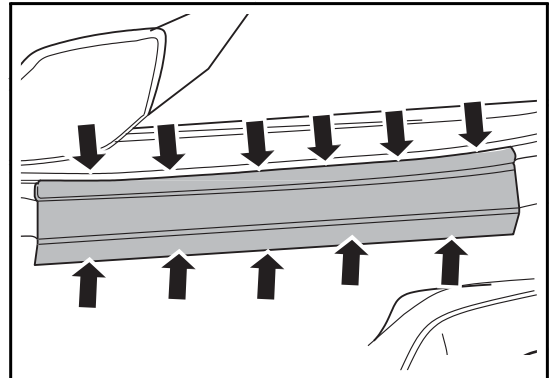
- 4). Rotate steering wheel 180° anticlockwise, and tighten right fixed bolt of steering column jacketing;
Tighten torque 1.4N·m



III、Front Door Threshold Guard Panel Assembly

(I) Removal

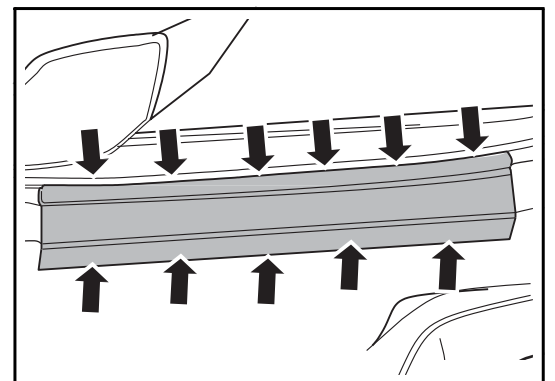
1. Remove front door threshold guard panel assembly
 - 1). Disconnect connection of front end of front door threshold guard panel assembly and lower trim panel of A pillar;
 - 2). Disconnect 3 buckles of front door threshold guard panel assembly and vehicle body metal sheet;
 - 3). Disconnect connection of rear part of front door threshold guard panel assembly and lower trim panel of B pillar;
 - 4). Take down front door threshold guard panel assembly;



(II) Installation

1. Install front door threshold guard panel assembly
 - 1). Place front door threshold guard panel assembly to installation position, and tighten buckles in every connection point;

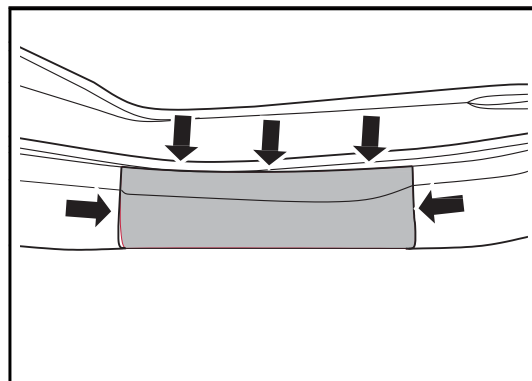
△ Note Method of removal and installation of left and right front door threshold guard panel assembly are the same.



IV、Rear Threshold Guard Panel Assembly

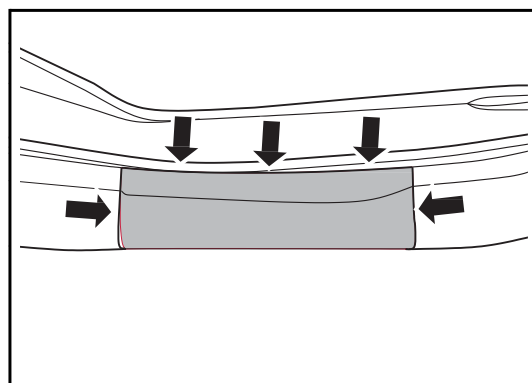
(I) Removal

1. Remove rear threshold guard panel assembly
 - 1). Disconnect connection of front end of rear door threshold guard panel assembly and lower trim panel of B pillar;
 - 2). Disconnect buckle of rear door threshold guard panel assembly and vehicle body metal sheet;
 - 3). Disconnect connection of rear part of rear door threshold guard panel assembly and lower trim panel of C pillar;
 - 4). Take down rear door threshold guard panel assembly;



(II) Installation

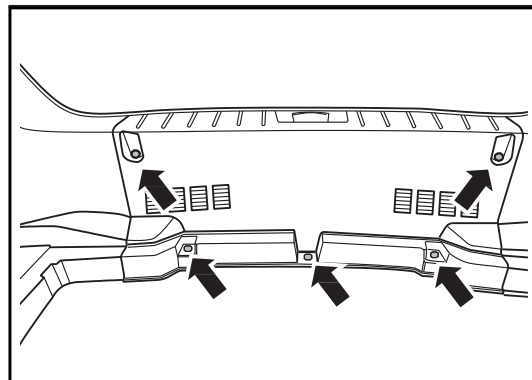
1. Install rear threshold guard panel assembly
 - 1). Place rear door threshold guard panel assembly to installation position, and tighten buckles;
- △ Note Method of removal and installation of left and right rear door threshold guard panel assembly are the same.



V、Tail Door Threshold Assembly

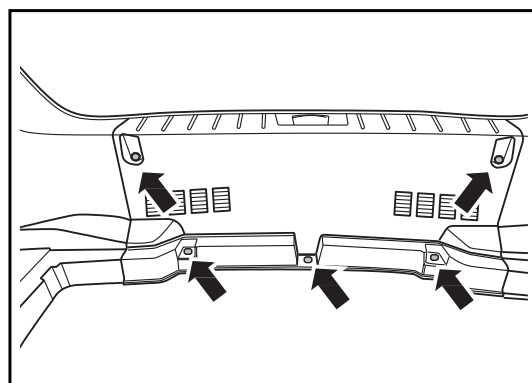
(I) Removal

1. Remove tail door threshold assembly
 - 1). Open trunk cover, and take out spare tire cover plate;
 - 2). Remove 5 expansion buckles of tail door threshold assembly;
 - 3). Pry buckles connecting to tail door threshold assembly and vehicle body;
 - 4). Take down tail door threshold assembly;



(II) Installation

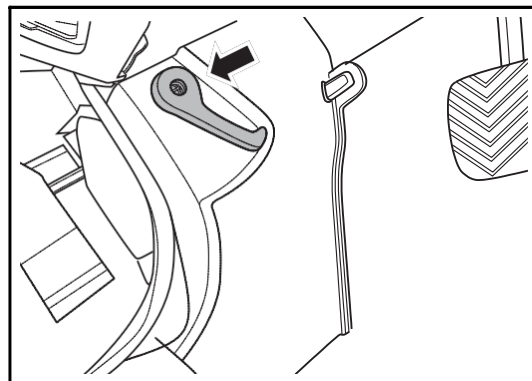
1. Install tail door threshold assembly
 - 1). Remove contact part of tail door sealing strip and tail door threshold assembly, place tail door threshold assembly to installation position, tighten buckles;
 - 2). Install 5 expansion buckles of tail door threshold assembly, and install tail door sealing strip;
 - 3). Install spare tire cover plate and close trunk cover;



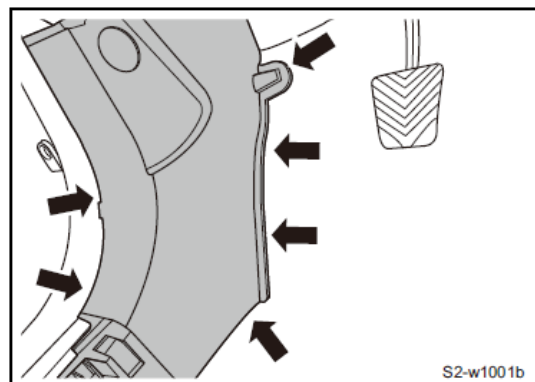
VI、 Lower Trim Panel Assembly of A Pillar

(I) Removal

1. Remove front door threshold guard panel assembly Refer to "Front door threshold guard panel assembly"
2. Remove lower trim panel assembly of A pillar
 - 1). Pry opening handle fastener of engine compartment cover in lower trim panel of A pillar;

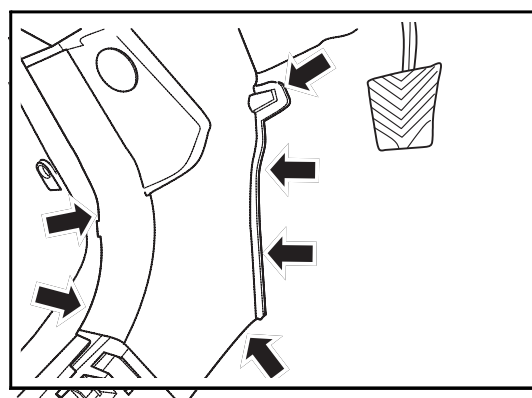


- 2). Pry 2 buckles connecting lower trim panel of A pillar and vehicle body metal sheet, and take down lower trim panel of A pillar;

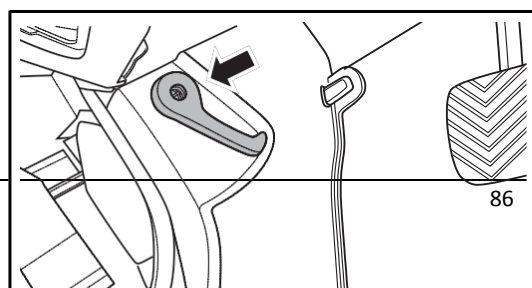


(II) Installation

1. Install Lower trim panel assembly of A pillar
 - 1). Remove contact part of door frame rubber strip of front side vehicle door and lower trim panel assembly of A pillar, and place lower trim panel assembly of A pillar to installation position, tighten buckles, and install door frame rubber strip of front side vehicle door;



- 2). Place opening handle fastener of engine compartment cover to installation position, and tighten buckles;



2. Install front door threshold guard panel assembly

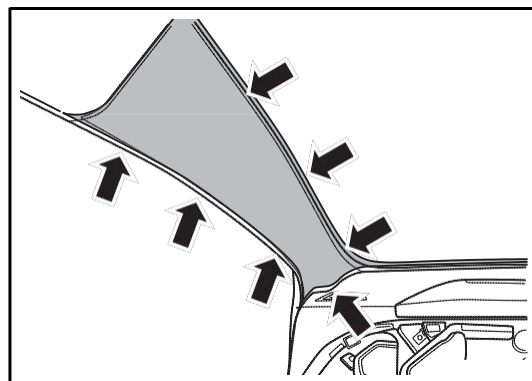
VII、Upper Trim Panel Assembly of A Pillar

(I) Removal

1. Remove upper trim panel assembly of A pillar

- 1). Pry plastic buckles and steel buckles connecting upper trim panel assembly of A pillar and vehicle body metal sheet;
- 2). Take down upper trim panel assembly of A pillar;

△ Note Don't damage 2 limiting position clamp angle in lower part of upper trim panel assembly of A pillar.



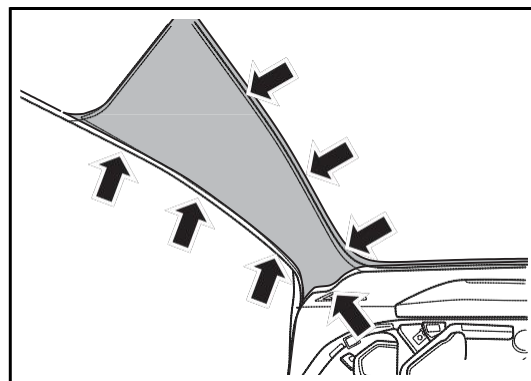
(II) Installation

1. Install upper trim panel assembly of A pillar

- 1). Remove contact part of door frame rubber strip of front side vehicle door and upper trim panel assembly of A pillar, insert 2 limiting position clamp angle in lower part of upper trim panel assembly of A pillar to matching groove, align plastic buckles and steel buckles of upper trim panel assembly of A pillar to open hole of vehicle body metal sheet, press in and tighten, and install door frame rubber strip of front side vehicle door;

△ Note When installing buckles of upper trim panel assembly of A pillar, first tighten plastic buckles of upper part of upper trim panel assembly of A pillar, and tighten steel buckles.

△ Note Method of removal and installation of left and right upper trim panel assembly of A pillar are the same.



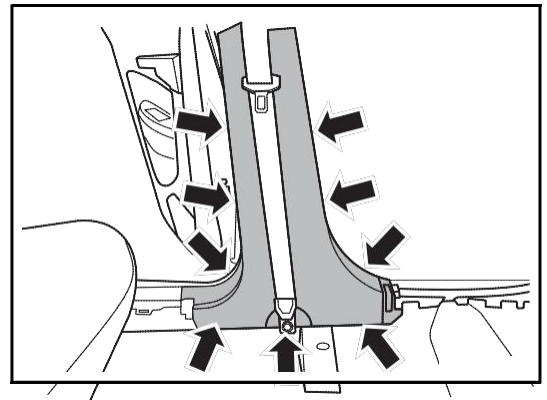
VIII、Lower Trim Panel Assembly of B Pillar

(I) Removal

1. Remove front door threshold guard panel assembly Refer to "Front door threshold guard panel assembly"
2. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
3. Remove lower trim panel assembly of B pillar

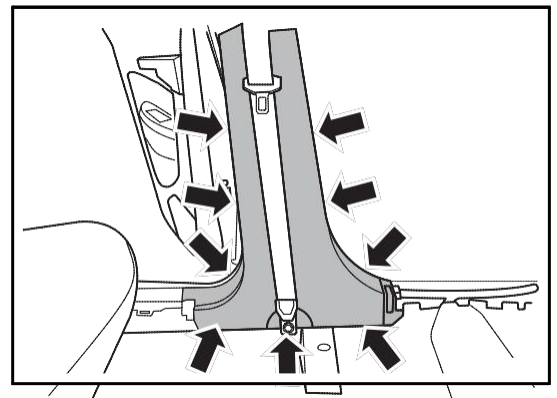
- 1). Pry buckles connecting lower trim panel assembly of B pillar and vehicle body;
- 2). Take down lower trim panel assembly of B pillar;

△ Note It needs to adjust front seat position when removing lower trim panel assembly of B pillar to be convenient to remove lower trim panel assembly of B pillar.



(II) Installation

1. Install lower trim panel assembly of B pillar
 - 1). Remove contact part of door frame rubber strip of front/rear door side vehicle door and lower trim panel assembly of B pillar, place lower trim panel assembly of B pillar to installation position, tighten buckles, and install door frame rubber strip of front/rear door side vehicle door;

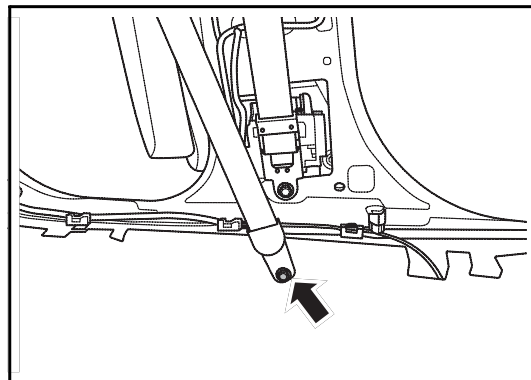


2. Install rear threshold guard panel assembly
3. Install front door threshold guard panel assembly

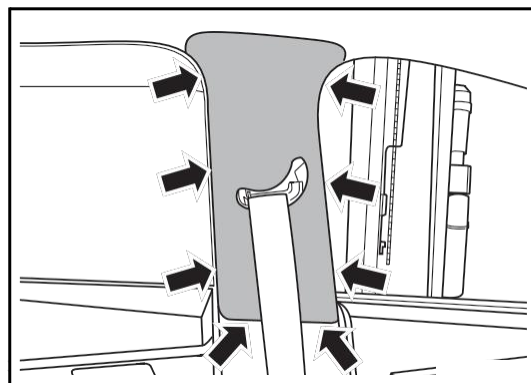
IX、Upper Trim Panel Assembly of B Pillar

(I) Removal

1. Remove front door threshold guard panel assembly Refer to "Front door threshold guard panel assembly"
2. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
3. Remove lower trim panel assembly of B pillar Refer to "Lower trim panel assembly of B pillar"
4. Remove upper trim panel assembly of B pillar
 - 1). Move trim cover in lower fixed point of safety belt upward along fabric belt, and expose whole lower fixed point, and then remove fixed bolt of lower fixed point;

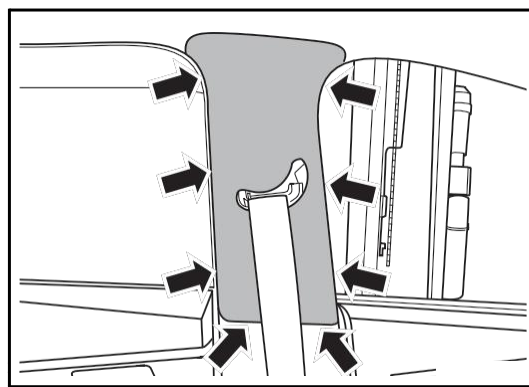


- 2). Pry 3 buckles connecting upper trim panel assembly of B pillar and vehicle body;
- 3). Take down upper trim panel assembly of B pillar;



(II) Installation

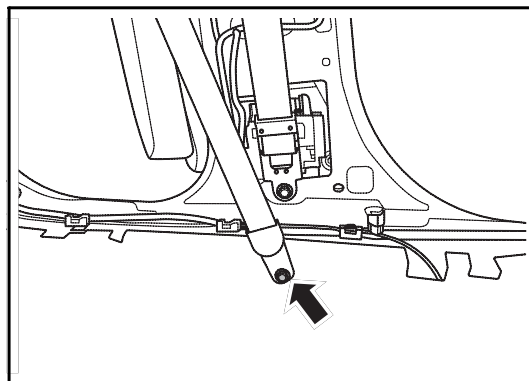
1. Install upper trim panel assembly of B pillar
 - 1). Cross removed end of safety belt to upper trim panel assembly of B pillar;
 - 2). Remove contact part of door frame rubber strip of front/rear side vehicle door and upper trim panel assembly of B pillar, place upper trim panel assembly of B pillar to installation position, tighten buckles, and install door frame rubber strip of front/rear side vehicle door;



3). Tighten lower fixed bolt of safety belt;

Tighten torque 45~55N m

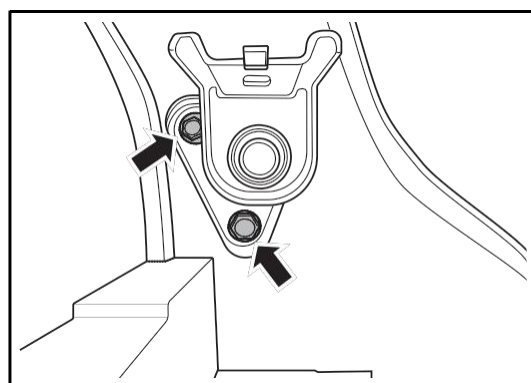
2. Install lower trim panel assembly of B pillar
3. Install rear threshold guard panel assembly
4. Install front door threshold guard panel assembly



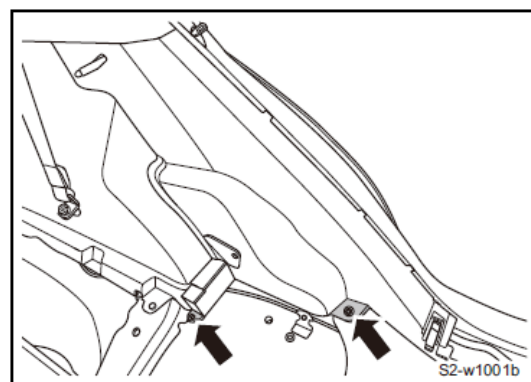
X、Lower Trim Panel Assembly of C Pillar

(I) Removal

1. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
2. Remove rear seat cushion assembly Refer to "Rear seat cushion assembly"
3. Remove rear seat backrest assembly Refer to "Rear seat backrest assembly"
4. Remove lower fixed bracket assembly of rear seat backrest
 - 1). Remove 2 fixed bolts connecting lower fixed bracket assembly of rear seat backrest and vehicle body;
 - 2). Take down lower fixed bracket assembly of rear seat backrest;

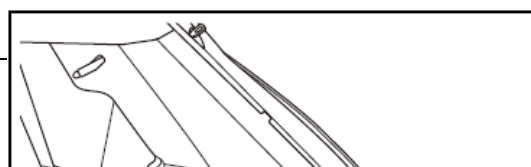


5. Remove lower trim panel assembly of C pillar
 - 1). Remove 2 fixed bolts connecting lower trim panel assembly of C pillar and vehicle body;
 - 2). Pry connection of lower trim panel assembly of C pillar and vehicle body;
 - 3). Take down lower trim panel assembly of C pillar;



(II) Installation

1. Install lower trim panel assembly of C pillar
 - 1). Remove contact part of door frame rubber strip of rear side



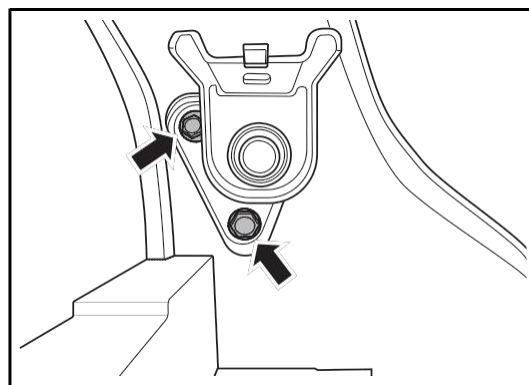
vehicle door and lower trim panel assembly of C pillar,
place lower trim panel assembly of C pillar to installation
position, and tighten buckles;

- 2). Tighten 2 fixed bolts connecting to lower trim panel
assembly of C pillar and vehicle body;
- 3). Install door frame rubber strip of rear side vehicle door;

2. Install lower fixed bracket assembly of rear seat backrest

- 1). Place lower fixed bracket assembly of rear seat backrest to
installation position;
- 2). Tighten 2 fixed bolts connecting fixed bracket and vehicle
body;

Tighten torque 22~29N·m



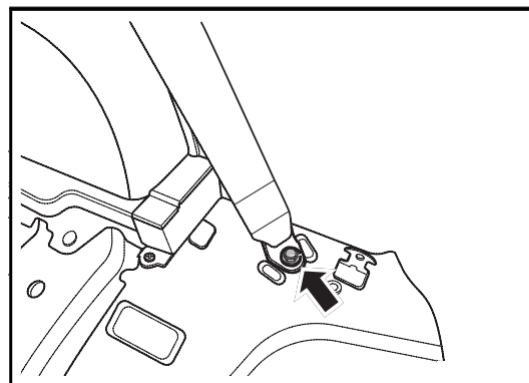
3. Install rear seat backrest assembly
4. Install rear seat cushion assembly
5. Install rear door threshold panel

XI、Upper Trim Panel Assembly of C Pillar

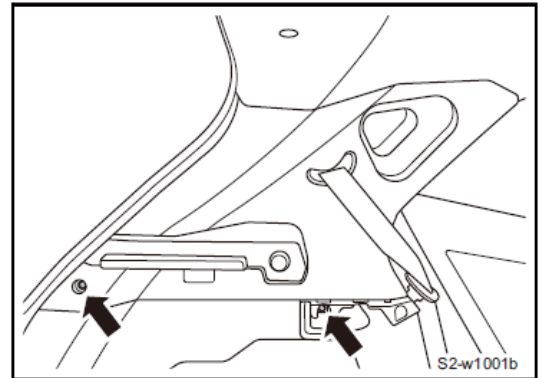
(I) Remove

1. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
2. Remove rear seat cushion assembly Refer to "Rear seat cushion assembly"
3. Remove rear seat backrest assembly Refer to "Rear seat backrest assembly"
4. Remove lower fixed bracket assembly of rear seat backrest Refer to "Lower trim panel assembly of C pillar"
5. Remove lower trim panel assembly of C pillar Refer to "Lower trim panel assembly of C pillar"
6. Remove upper trim panel assembly of C pillar

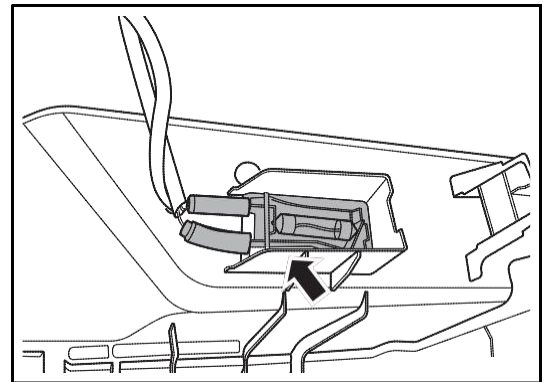
- 1). Remove fixed bolt of lower fixed point of rear safety belt;



- 2). Remove 2 fixed bolt connecting upper trim panel assembly of C pillar and vehicle body;
- 3). Pry 8 buckles connecting upper trim panel assembly of C pillar and vehicle body;



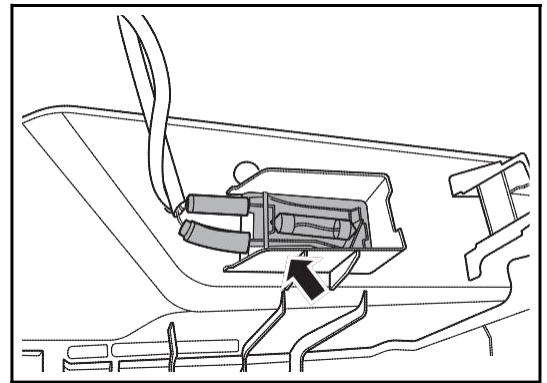
- 4). Disconnect connection of trunk light and upper trim panel assembly of C pillar;
- 5). Take down upper trim panel assembly of C pillar;



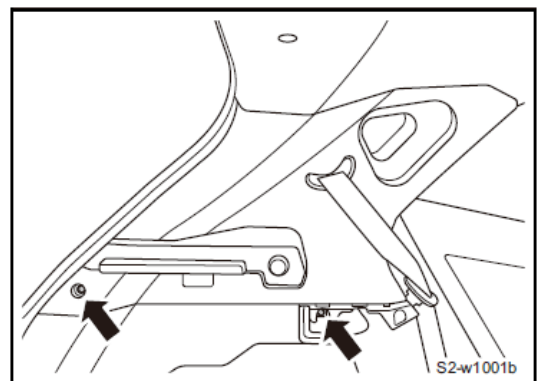
(II) Installation

1. Install upper trim panel assembly of C pillar

- 1). Connect connection of upper trim panel assembly of C pillar and trunk light;

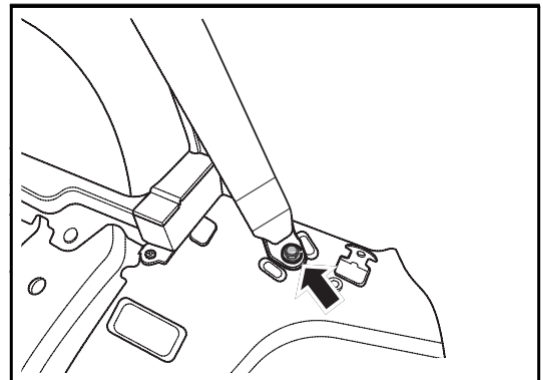


- 2). Remove contact part of door frame rubber strip of rear side vehicle door, tail door sealing strip and upper trim panel assembly of C pillar, place upper trim panel assembly of C pillar to installation position, and tighten buckles;
- 3). Tighten 2 fixed bolts, and install door frame rubber strip of rear side vehicle door and tail door sealing strip;



- 4). Tighten lower fixed point bolt of rear safety belt;

Tighten torque 45~55N·m



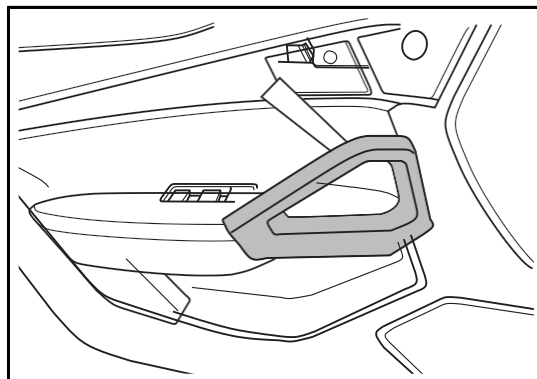
2. Install lower trim panel assembly of C pillar
3. Install lower fixed bracket assembly of rear seat backrest
4. Install rear seat backrest assembly
5. Install rear seat cushion assembly
6. Install rear door threshold guard panel assembly

XII、Front Door Inclined Handle

(I) Removal

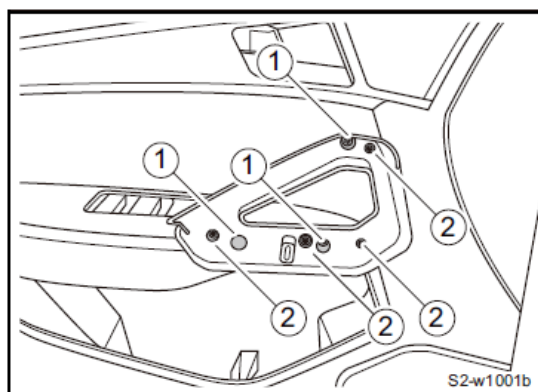
1. Remove front door inclined handle

1). Pry outer panel of front door inclined handle assembly;



2). Remove 7 fixed bolts of inner panel of front door inclined handle;

3). Take down front door inclined handle;

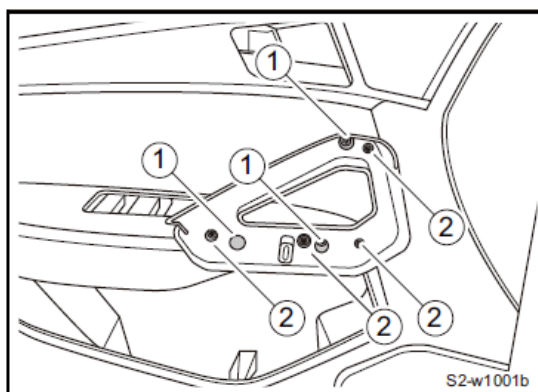


(II) Installation

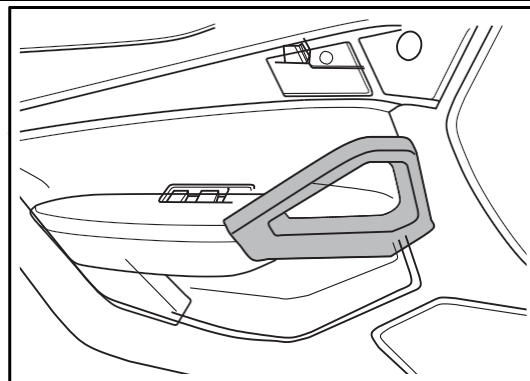
1. Install front door inclined handle

1). Place front door inclined handle to installation position;

2). Tighten 7 fixed bolts of front door inclined handle;



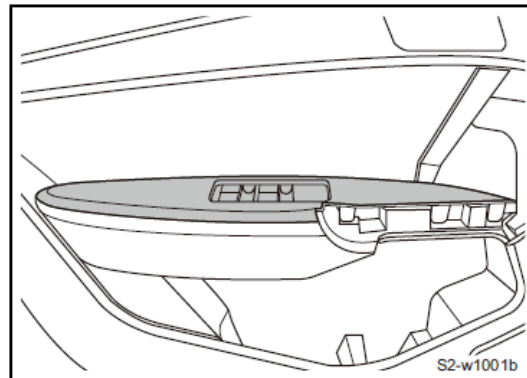
- 3). Place outer panel of front door inclined handle to installation position;
- 4). Tighten buckles;



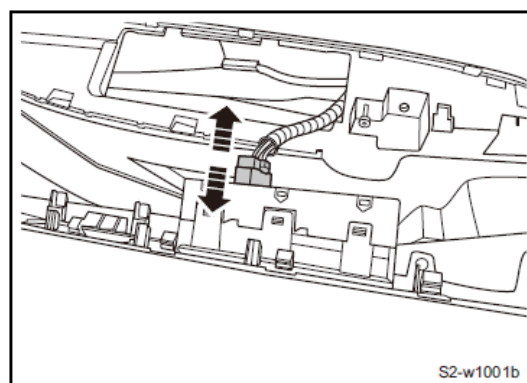
XIII、Front Door Handle

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door inclined handle Refer to "Front door inclined handle"
4. Remove front door handle
 - 1). Pry connection of front door handle and front door trim panel;

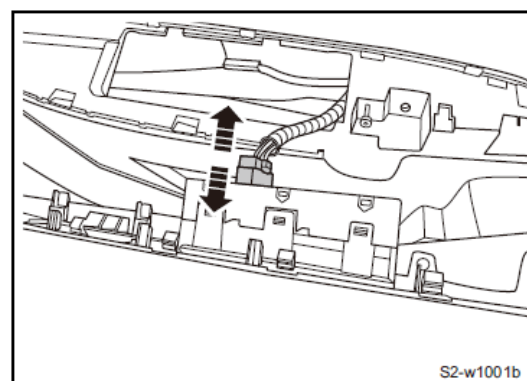


- 2). Disconnect wiring harness connector, and take down front door handle;



(II) Installation

1. Install front door handle
 - 1). Install wiring harness connector;
 - 2). Place front door handle to installation position of vehicle door, and tighten buckles;

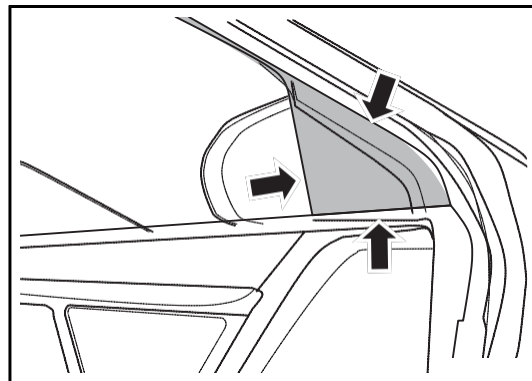


2. Install front door inclined handle
3. Connect battery negative electrode
4. Close engine compartment cover

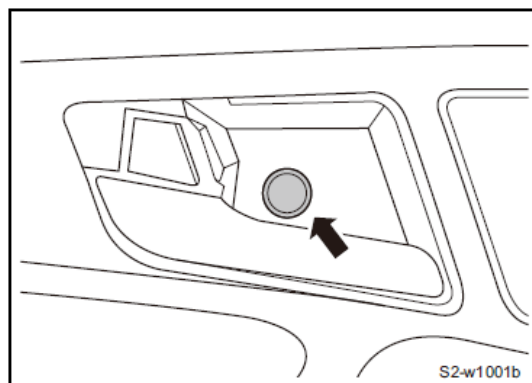
XIV、Front Door Trim Panel Assembly

(I) Removal

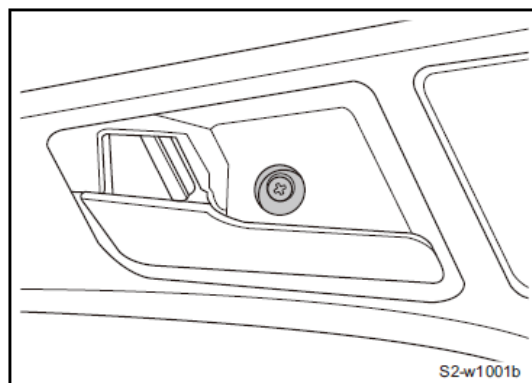
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly
 - 1). Pry buckles connecting front door triangle window cover plate and front door metal sheet;
 - 2). Take down front door triangle window cover plate assembly;



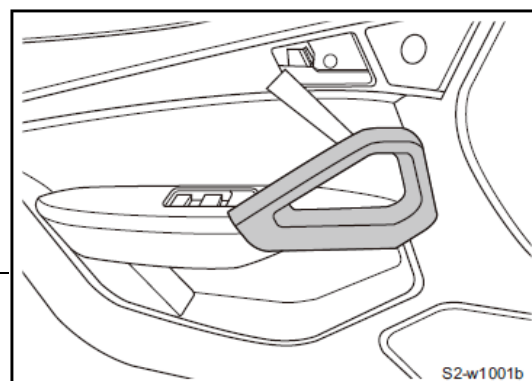
4. Remove front door trim panel assembly
 - 1). Pry inner handle bolt cover of front door;



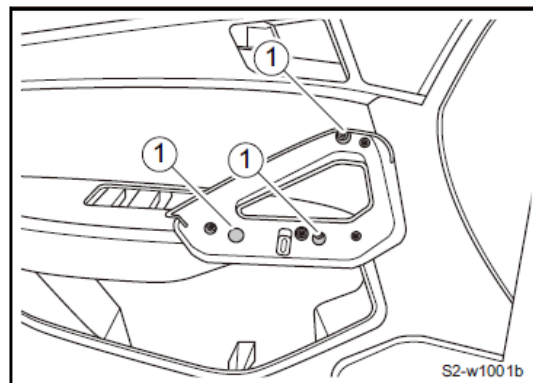
- 2). Remove fixed bolt in bolt cover;



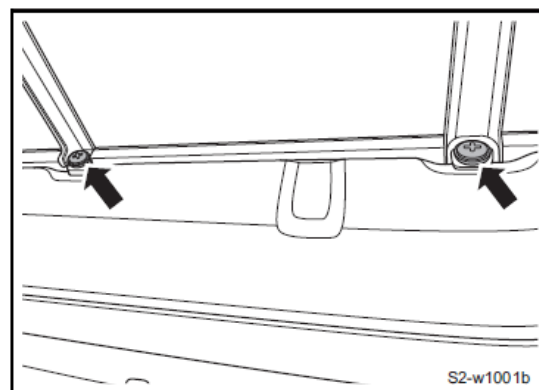
- 3). Pry outer panel of inclined handle and take down outer panel of inclined handle;



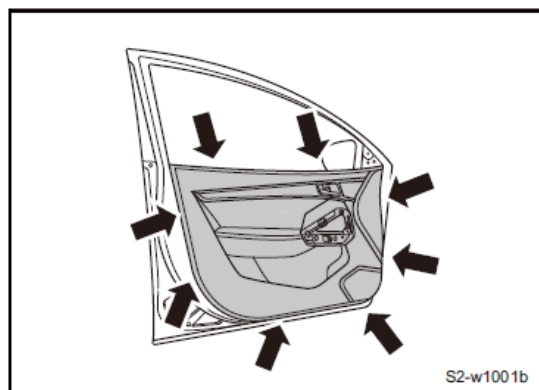
- 4). Remove 3 fixed bolt ① connecting inner panel of inclined handle and front vehicle door;



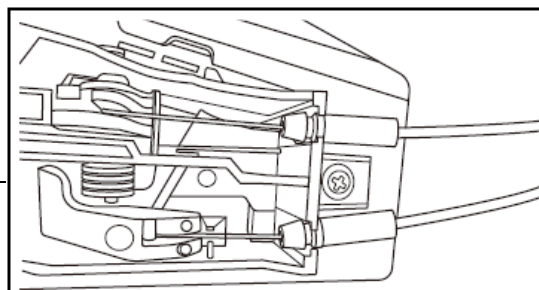
- 5). Remove 2 fixed bolts connecting lower part of front door trim panel assembly and front vehicle door;



- 6). Pry 8 buckles connecting front door trim panel and vehicle body;



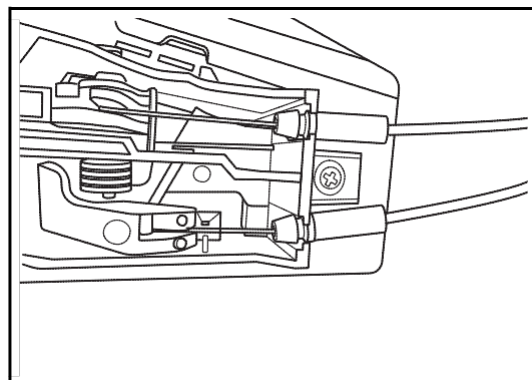
- 7). Disconnect opening handle wiredrawing and inner lock handle wiredrawing in front door;
- 8). Disconnect connecting wiring harness of window regulator device main control switch;
- 9). Take down front door trim panel assembly;



(II) Installation

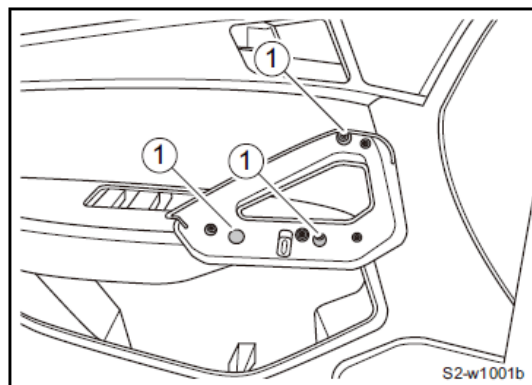
1. Install front door trim panel assembly

- 1). Connect wiring harness of window regulator device main control switch;
- 2). Install opening handle wiredrawing and inner lock handle wiredrawing in front door to inner handle assembly;

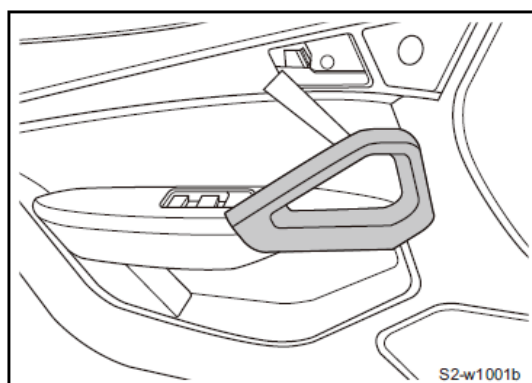


- 3). Place front door trim panel assembly to installation position;

- 4). Tighten 8 buckles connecting front door trim panel assembly and front door;
- 5). Tighten 3 fixed bolts ① of front door inclined handle and front door;

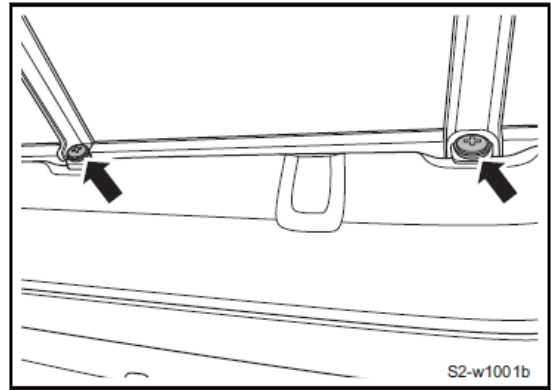


- 6). Place outer panel of front door inclined handle to installation position, and tighten buckles;



- 7). Tighten 2 fixed bolts of lower part of inner panel and vehicle body;

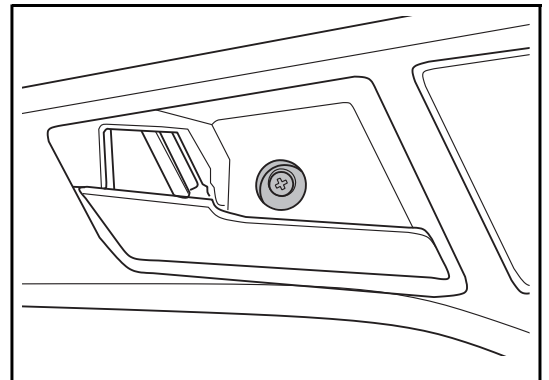
Tighten torque 5~7N·m



- 8). Tighten fixed bolt of inner handle of front door;

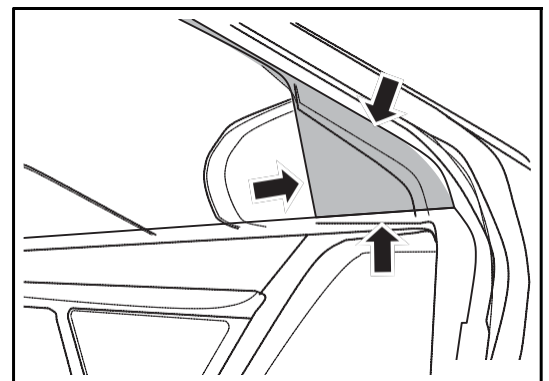
Tighten torque 5~7N·m

- 9). Install bolt cover;



2. Install front door triangle window cover plate assembly

- 1). Place front door triangle window cover plate to installation position, and tighten buckles;

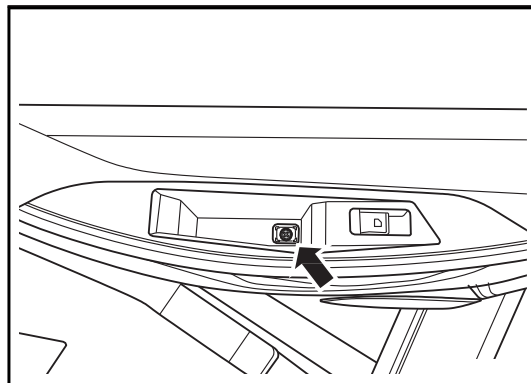


3. Connect battery negative electrode
4. Close engine compartment cover

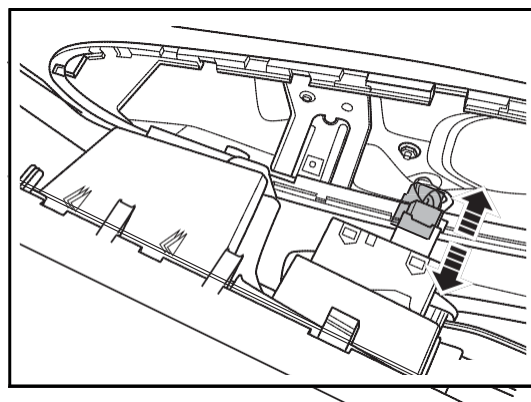
XV、Rear Door Handle Panel Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door handle panel assembly
 - 1). Pry handle panel cover;
 - 2). Remove fixed bolt in rear door handle panel cover;

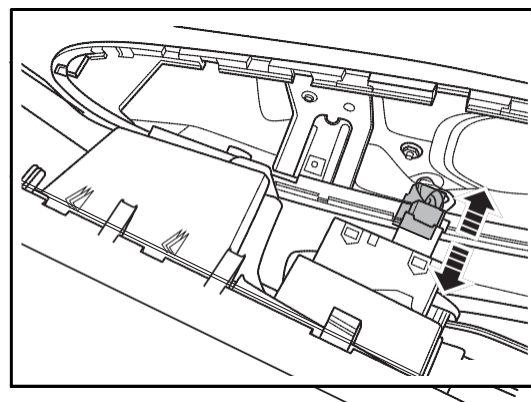


- 3). Pry connection of handle panel and vehicle body interior panel;
- 4). Disconnect wiring harness connector, and take down handle panel;

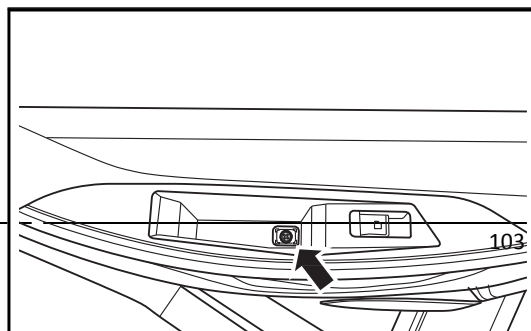


(II) Installation

1. Install rear door handle panel assembly
 - 1). Connect wiring harness connector;
 - 2). Install rear door handle panel to vehicle door and tighten;



- 3). Tighten fixed bolt in handle panel cover;
- 4). Install rear door handle panel cover;

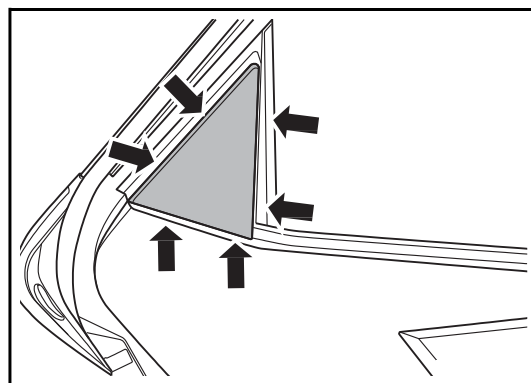


2. Connect battery negative electrode
3. Close engine compartment cover

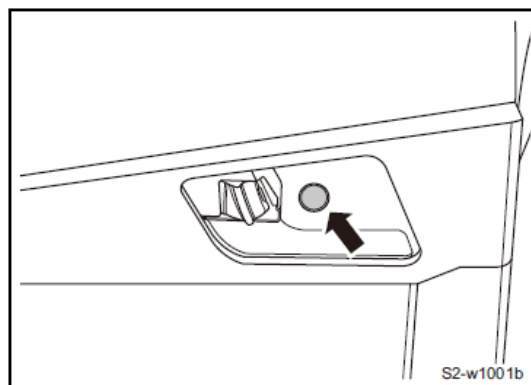
XVI、Rear Door Trim Panel Assembly

(I) Removal

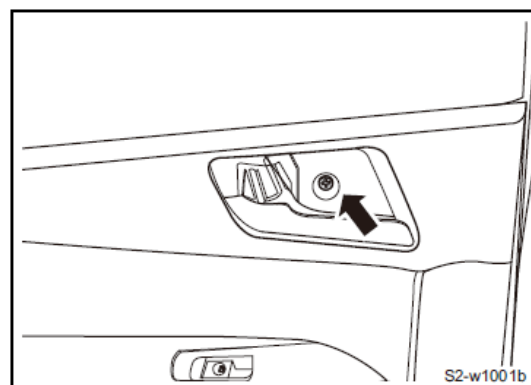
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly
 - 1). Pry 3 buckles connecting rear door triangle window cover plate and rear door;
 - 2). Take down rear door triangle window cover plate;



4. Remove rear door trim panel assembly
 - 1). Pry rear door inner handle cover;

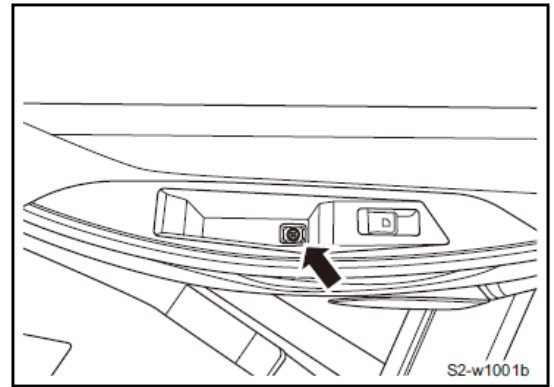


- 2). Remove bolt in inner handle cover;

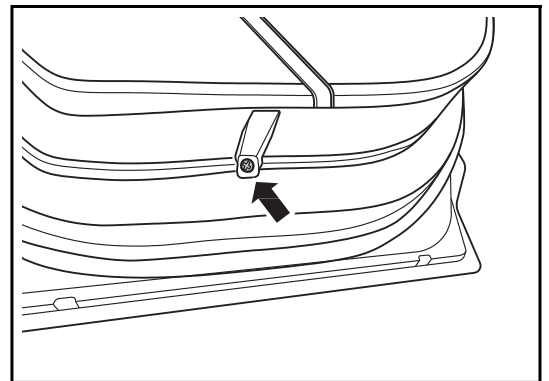


3). Pry cover in rear door handle panel;

4). Remove bolt in cover;

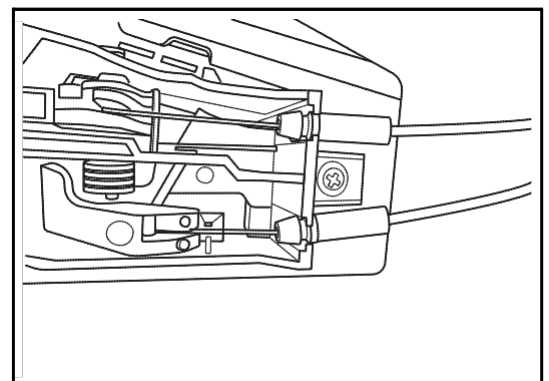


5). Remove fixed bolt connecting lower part of inner trim panel and vehicle door;



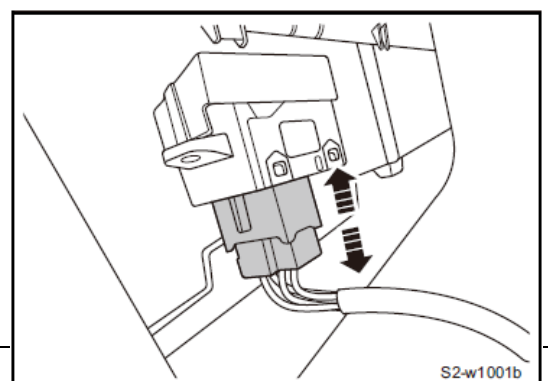
6). Pry 8 buckles connecting rear door inner trim panel and rear door;

7). Disconnect inner handle wiring of rear vehicle door;



8). Disconnect vehicle door wiring harness connector;

9). Take down rear door inner trim panel;



(II) Installation

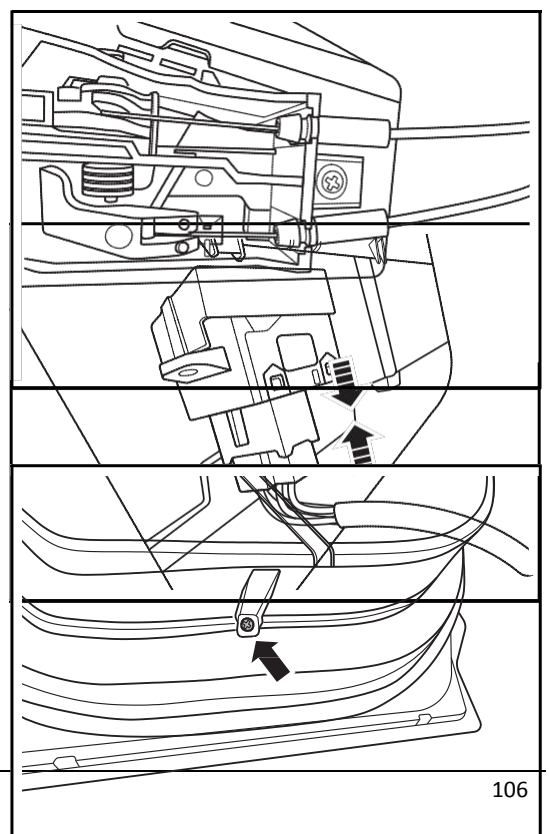
1. Install rear door trim panel assembly

1). Connect rear vehicle door wiring harness;

2). Install opening handle wiredrawing and inner lock handle wiredrawing in rear door;

3). Place rear door inner trim panel to installation position, and tighten buckles;

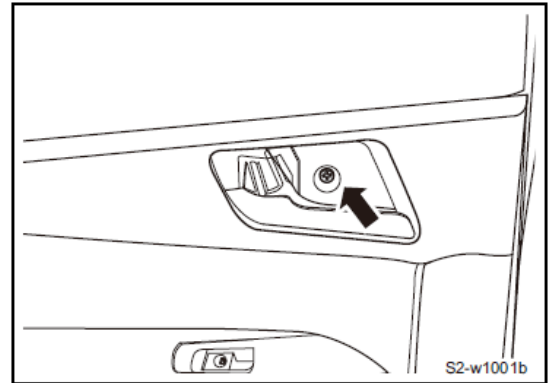
4). Tighten fixed bolt connecting lower part of inner trim panel and vehicle door;



5). Tighten fixed bolt in inner handle of rear door;

Tighten torque 5~7N·m

6). Install inner handle cover;

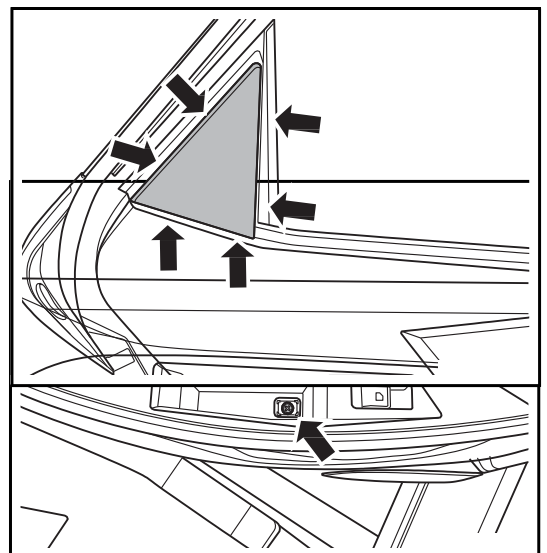


7). Install fixed bolt in rear door handle panel;

8). Install cover in handle panel;

2. Install rear door triangle window cover plate assembly

1). Place rear door triangle cover plate to installation position, and tighten buckles;



3. Connect battery negative electrode

4. Close engine compartment cover

XVII、Tail Door Trim Panel Assembly

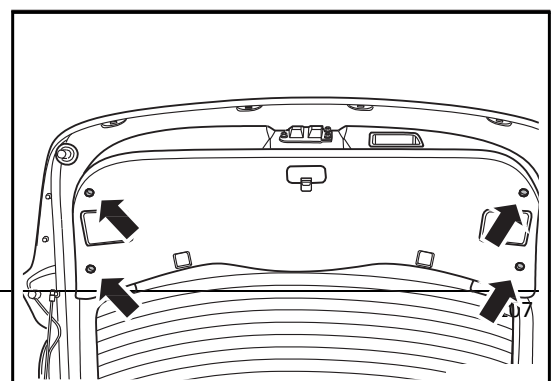
(I) Removal

1. Remove tail door trim panel assembly

1). Remove 4 fixed bolts connecting tail door trim panel assembly and tail door;

2). Pry 11 buckles connecting tail door trim panel and tail door;

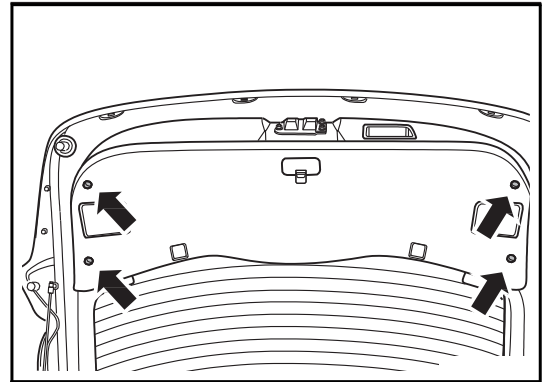
3). Take down tail door trim panel assembly;



(II) Installation

1. Install tail door trim panel assembly

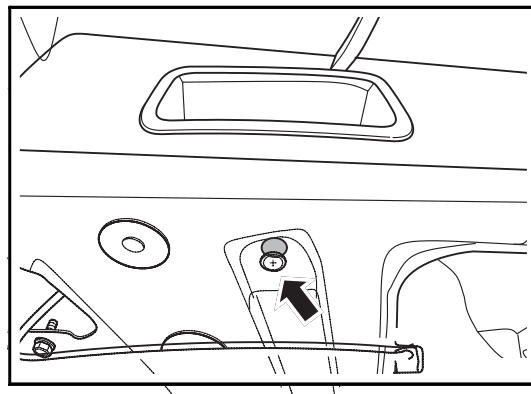
- 1). Tighten 11 buckles connecting tail door trim panel and tail door;
- 2). Tighten 4 fixed bolts connecting tail door trim panel and tail door;



XVIII、Handle Box Assembly of Tail Door

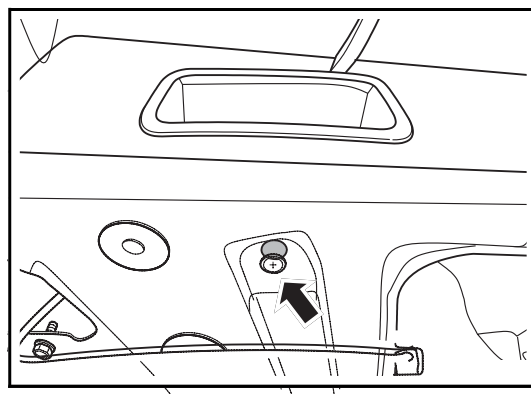
(I) Removal

1. Remove tail door trim panel assembly Refer to ""Tail door trim panel assembly
2. Remove handle box assembly of tail door
 - 1). Remove fixed bolt connecting handle box assembly of tail door and tail door metal sheet;
 - 2). Pry connection of handle box assembly of tail door and tail door;
 - 3). Take down handle box assembly of tail door;



(II) Installation

1. Install handle box assembly of tail door
 - 1). Place handle box assembly of tail door to installation position;
 - 2). Tighten buckles, and tighten bolt;



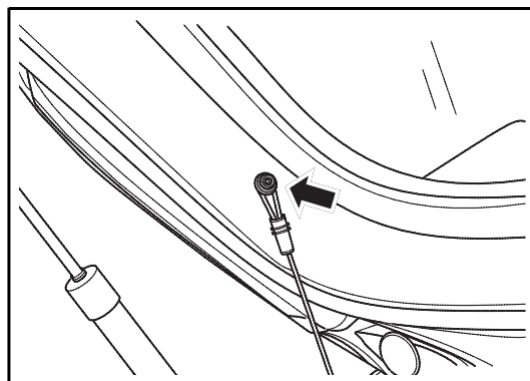
2. Install tail door trim panel assembly

XIX、Hatstand Assembly

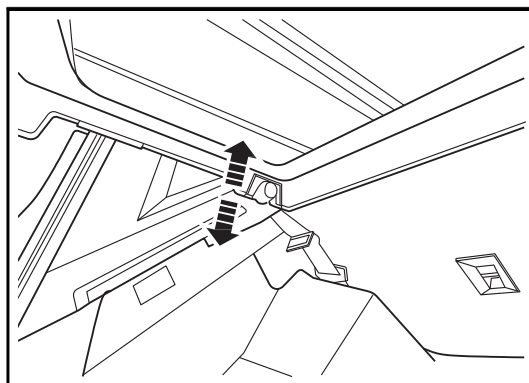
(I) Removal

1. Remove hatstand assembly

- 1). Open trunk cover;
- 2). Disconnect connection of hatstand knot and trunk cover;



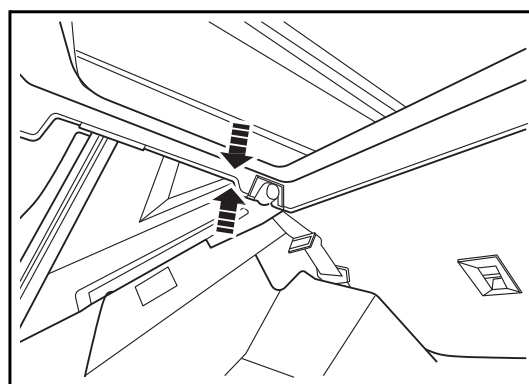
- 3). Disconnect connection of hatstand and upper trim panel of C pillar;
- 4). Take down hatstand assembly;



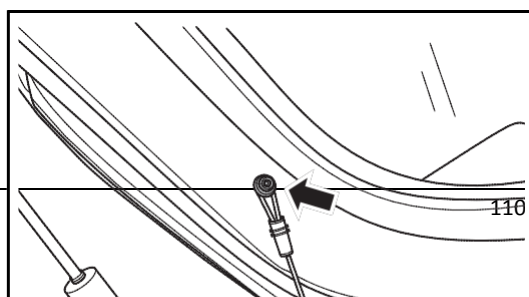
(II) Installation

1. Install hatstand assembly

- 1). Connect connection of hatstand and upper trim panel of C pillar;



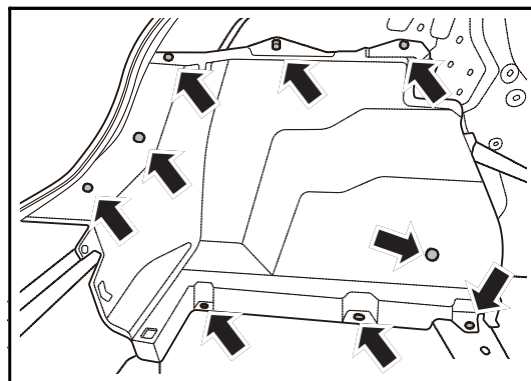
- 2). Connect connection of hatstand knot and trunk cover;
- 3). Close trunk cover;



IIX、Trunk Side Trim Panel Assembly

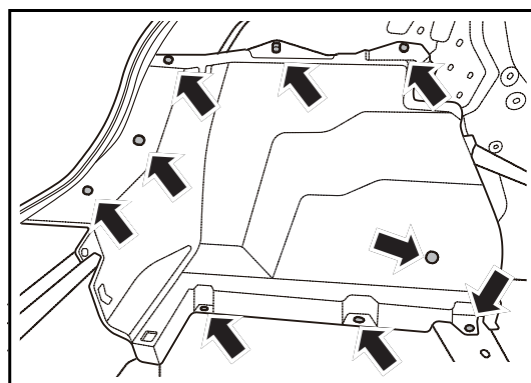
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove tail door threshold assembly Refer to "Tail door threshold assembly"
4. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
5. Remove rear seat cushion assembly Refer to "Rear seat backrest"
6. Remove rear seat backrest assembly Refer to "Rear seat backrest"
7. Remove lower fixed bracket assembly of rear seat backrest Refer to "Lower trim panel assembly of C pillar"
8. Remove lower trim panel assembly of C pillar Refer to "Lower trim panel assembly of C pillar"
9. Remove upper trim panel assembly of C pillar Refer to "Upper trim panel assembly of C pillar"
10. Remove trunk side trim panel assembly
 - 1). Remove 9 buckles of trunk side trim panel;
 - 2). Take down trunk side trim panel assembly;



(II) Installation

1. Install trunk side trim panel assembly
 - 1). Remove contact part of tail door sealing strip and trunk side trim panel assembly, place trunk side trim panel assembly to installation position, tighten 9 buckles connecting trunk side trim panel assembly and vehicle body, and install tail door sealing strip;



2. Install upper trim panel assembly of C pillar
3. Install lower trim panel assembly of C pillar
4. Install lower fixed bracket assembly of rear seat backrest
5. Install rear seat backrest assembly
6. Install rear seat cushion assembly
7. Install rear threshold guard panel assembly
8. Install tail door threshold assembly
9. Connect battery negative electrode

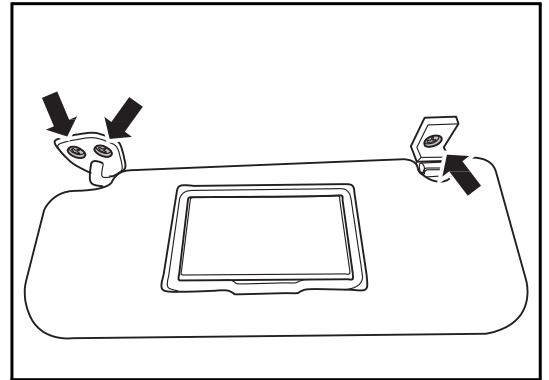
10. Close engine compartment cover

IIXI、Sun Visor Assembly

(I) Removal

1. Remove sun visor assembly

- 1). Rotate sun visor downward, remove 3 fixed bolts connecting sun visor assembly and vehicle top, and take down sun visor assembly;

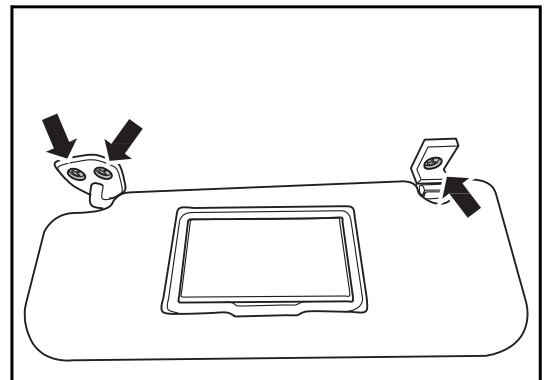


(II) Installation

1. Install sun visor assembly

- 1). Install sun visor assembly, and tighten 3 fixed bolts;

Tighten torque 6~12N m

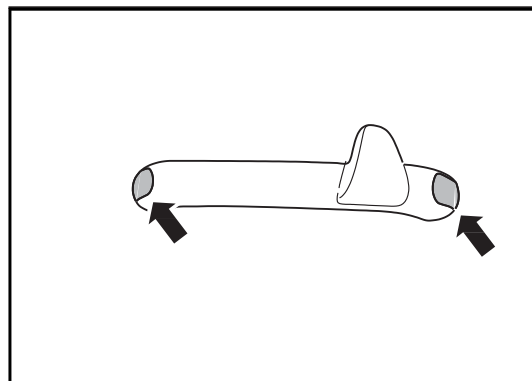


IIXII、Platfond Handle Assembly

(I) Removal

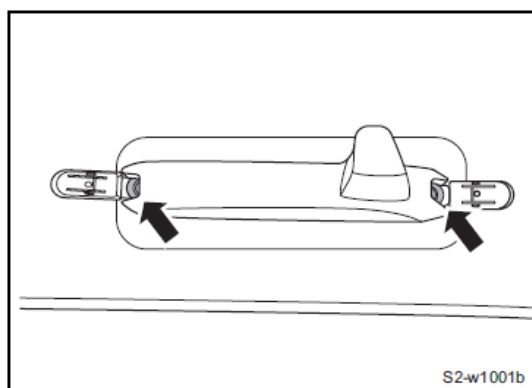
1. Remove platfond handle assembly

- 1). Pry front/rear side fixed bolts cover of platfond handle;



- 2). Remove front/rear side fixed bolts of platfond handle;

- 3). Take down platfond handle;



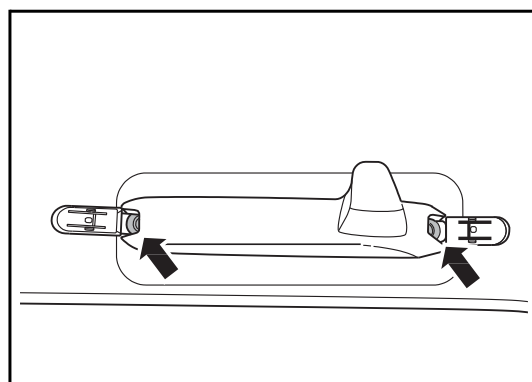
(II) Installation

1. Install platfond handle assembly

- 1). Tighten front/rear side fixed bolt of platfond handle;

Tighten torque 6~12N·m

- 2). Install front/rear side fixed bolt cover of platfond handle;

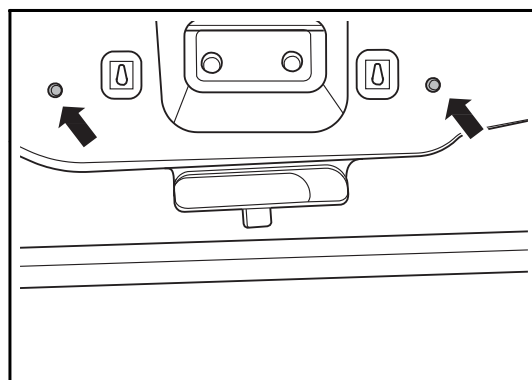


IIXIII、Platfond Assembly

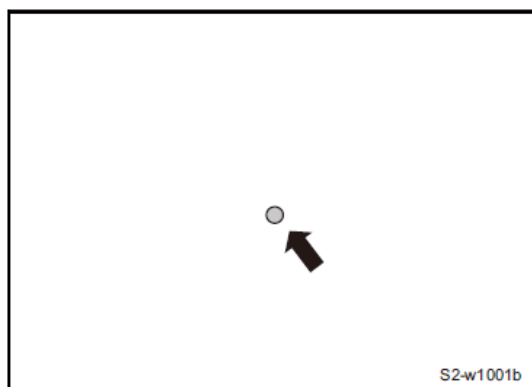
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove upper trim panel assembly of A pillar (left/right) Refer to "Upper trim panel assembly of A pillar"
4. Remove front door threshold guard panel assembly (left/right) Refer to "Front door threshold guard panel assembly"
5. Remove rear threshold guard panel assembly (left/right) Refer to "Rear threshold guard panel assembly"
6. Remove lower trim panel assembly of B pillar (left/right) Refer to "Lower trim panel assembly of B pillar"
7. Remove upper trim panel assembly of B pillar (left/right) Refer to "Upper trim panel assembly of B pillar"
8. Remove rear seat cushion assembly Refer to "Rear seat backrest"
9. Remove rear seat backrest assembly Refer to "Rear seat backrest"
10. Remove lower fixed bracket assembly of rear seat backrest(left/right) Refer to "Lower trim panel assembly of C pillar"
11. Remove lower trim panel assembly of C pillar (left/right) Refer to "Lower trim panel assembly of C pillar"
12. Remove upper trim panel assembly of C pillar (left/right) Refer to "Upper trim panel assembly of C pillar"
13. Remove sun visor assembly (left/right) Refer to "Sun visor assembly"
14. Remove platfond handle assembly (right front/left rear/right rear) Refer to "Platfond handle assembly"
15. Remove front top light assembly Refer to "Front top light assembly"
16. Remove platfond assembly

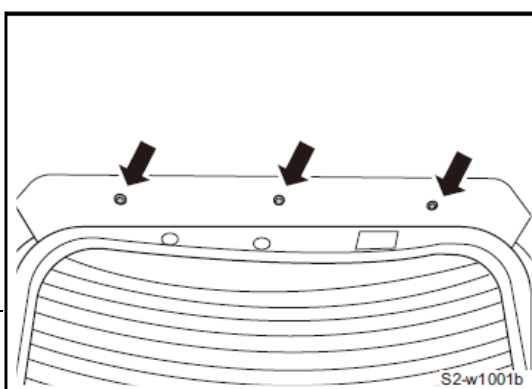
- 1). Remove 2 buckles in front of platfond assembly;



- 2). Remove buckles in middle of platfond assembly;



- 3). Remove 3 buckles in rear part of platfond assembly, and take out platfond assembly;



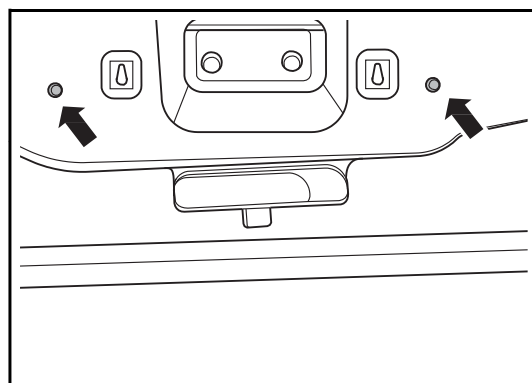
(II) Installation

Note Don't bend platfond assembly too much when installing.

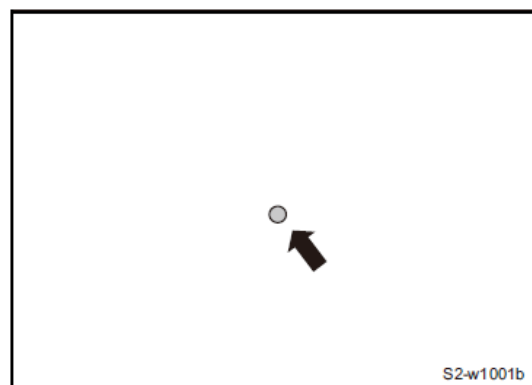
Note When installing platfond assembly, should first align sun visor holes of platfond assembly to relative holes in vehicle body, and then install.

1. Install platfond assembly

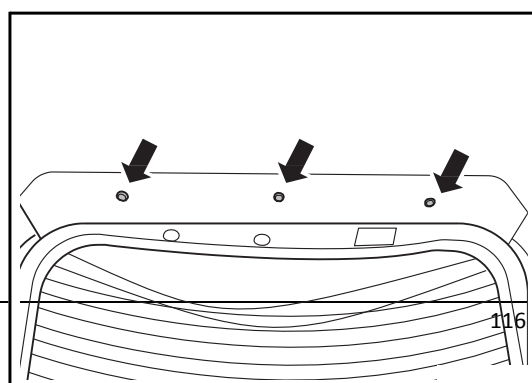
- 1). Remove platfond assembly into vehicle, align buckle holes in front part of platfond assembly to relative holes in vehicle body, and tighten buckles;



- 2). Align locating hole in middle part of platfond assembly to relative holes in vehicle body, and tighten buckle;



- 3). Install 3 fixed buckles in rear part of platfond assembly;



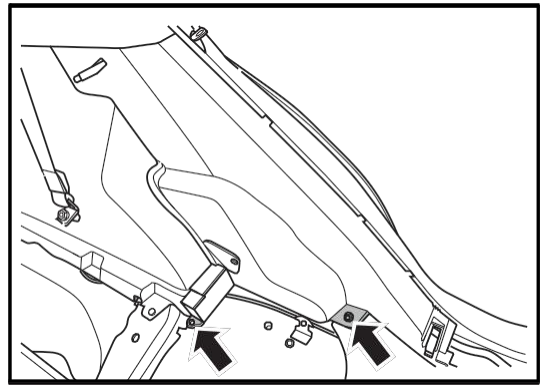
2. Install front top light assembly
3. Install platfond handle assembly (right front/left rear/right rear)
4. Install sun visor assembly (left/right)
5. Install upper trim panel assembly of C pillar (left/right)
6. Install lower trim panel assembly of C pillar (left/right)
7. Install lower fixed bracket assembly of rear seat backrest (left/right)
8. Install rear seat backrest assembly
9. Install rear seat cushion assembly
10. Install Lower trim panel assembly of B pillar (left/right)
11. Install Upper trim panel assembly of B pillar (left/right)
12. Install rear door threshold guard panel assembly (left/right)
13. Install front door threshold guard panel (left/right)
14. Install Upper trim panel assembly of A pillar (left/right)
15. Connect battery negative electrode
16. Close engine compartment cover

IIXIV、Carpet Assembly

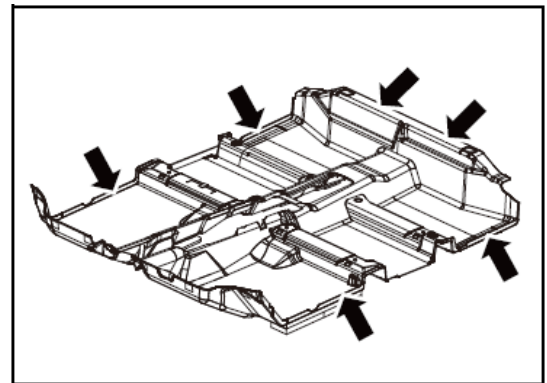
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door threshold guard panel assembly (left/right) Refer to "Front door threshold guard panel assembly"
4. Remove rear threshold guard panel assembly (left/right) Refer to "Rear threshold guard panel assembly"
5. Remove front seat assembly (left/right) Refer to "Front seat assembly"
6. Remove lower trim panel assembly of A pillar (left/right) Refer to "Lower trim panel assembly of A pillar"
7. Remove lower trim panel assembly of B pillar (left/right) Refer to "Lower trim panel assembly of B pillar"
8. Remove front extension plate assembly (left/right) Refer to "Auxiliary dashboard assembly"
9. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
10. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
11. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
12. Remove rear seat cushion assembly Refer to "Rear seat backrest"
13. Remove carpet assembly

- 1). Remove fixed bolts connecting carpet and left/right upper trim panel assembly of C pillar;



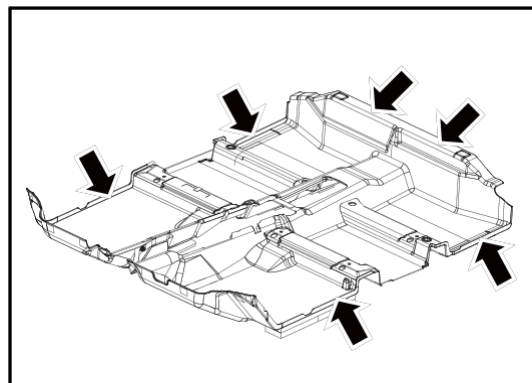
- 2). Remove 6 fixed buckles on carpet assembly;
- 3). Tear out nylon hasp of back side of front side of carpet assembly and nylon hasp of front wall sound shield cushion, and take out carpet assembly;



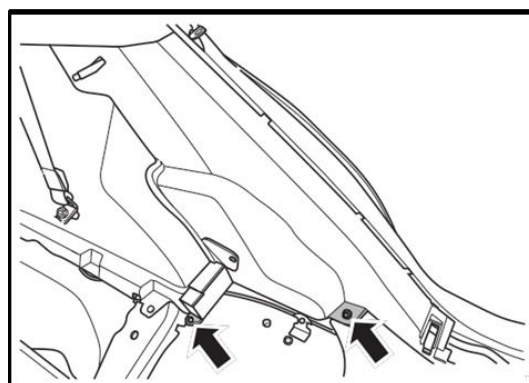
(I) Installation

1. Install carpet assembly

- 1). Move carpet assembly in the vehicle, spread and expose relative seat installation hole, align to hole position;
- 2). Pull out connecting wiring harness of seat from carpet assembly, spread carpet in auxiliary dashboard, and tighten buckles;
- 3). Install nylon hasp of back side of front side of carpet assembly and nylon hasp of front wall sound shield cushion, and take out carpet assembly;



- 4). Tighten fixed bolts connecting carpet and left/right upper trim panel assembly of C pillar;



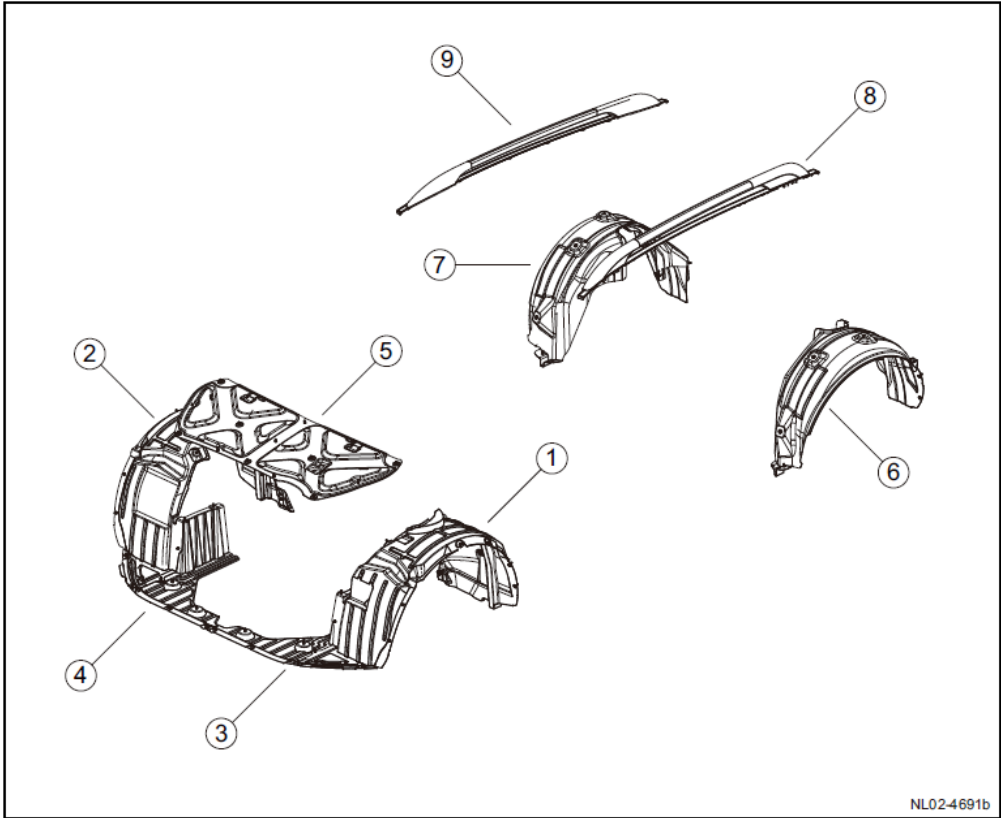
2. Install rear seat cushion assembly
3. Install auxiliary dashboard assembly
4. Install front storage box assembly
5. Install saucer cover plate assembly
6. Install front extension plate assembly(left/right)
7. Install lower trim panel assembly of B pillar(left/right)
8. Install lower trim panel assembly of A pillar(left/right)
9. Install front seat assembly(left/right)
10. Install rear threshold guard panel assembly(left/right)
11. Install front door threshold guard panel assembly(left/right)
12. Connect battery negative electrode
13. Close engine compartment cover

Exterior Trim

I、Summary

(I) Structure Overview

Exterior Trim Location Diagram



1. Left front wheel cover

3. Engine left front hood

5. Engine hood sound insulation mat

7. Right rear wheel cover

9. Right side luggage carrier assembly
2. Right front wheel cover

4. Engine right front hood

6. Left rear wheel cover

8. Left side luggage carrier assembly

(II) Torque Parameter

No.	Item	Torque (N·m)
1	Fixed bolt of vehicle door outer water splitting strip	5~7
2	Fixed nut of luggage carrier assembly	7~9

(III) Maintenance Note

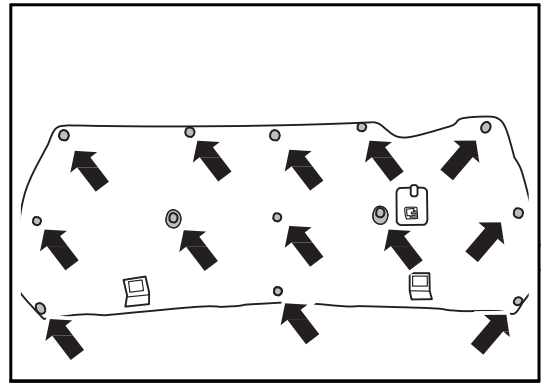
- (1). Glass belongs to fragile parts and must be carefully assembled and disassembled.
- (2). The base coat is required on vehicle body and glass before assembling the glass and sealant must be uniformly smeared on the glass without break.
- (3). Rain test can be applied to check whether the glass is fully sealed 24 hours after the installation.
- (4). The vehicle shouldn't be started within 1 hour after the glass is installed; it takes at least 24 hours for the sealant to fully solidify and the vehicle must run slowly if it has to be started.
- (5). Please put on gloves and other protective measures when operating.

II、Engine Hood Sound Insulation Mat

(I) Removal

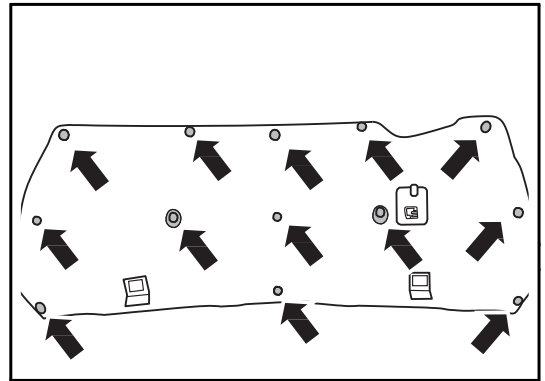
1. Open engine compartment cover
2. Remove engine hood sound insulation mat

- 1). Remove 13 fixed buckles of engine hood sound insulation mat;
- 2). Take out engine hood sound insulation mat;



(II) Installation

1. Install engine hood sound insulation mat
 - 1). Install engine hood sound insulation mat, and install 13 fixed buckles;



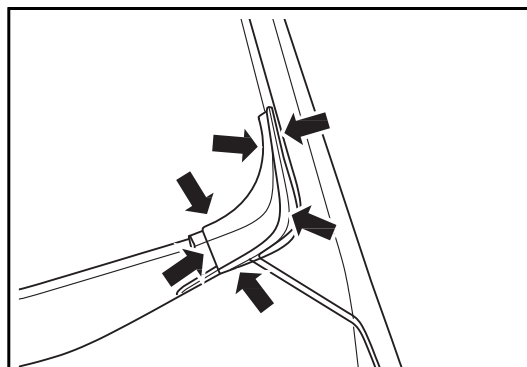
2. Close engine compartment cover

III、Ventilation Cover Plate Assembly

(I) Removal

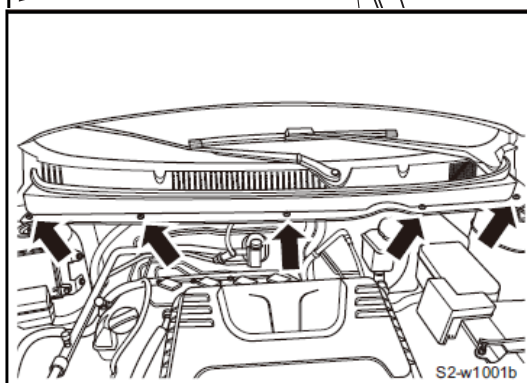
1. Remove front wiper arm assembly Refer to "Front wiper arm assembly"
2. Remove ventilation cover plate assembly

- 1). Remove left/right end cover of ventilation cover plate assembly;

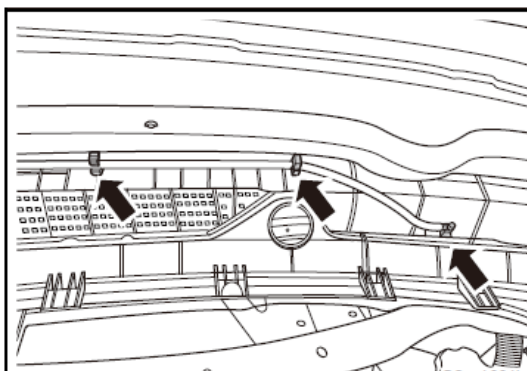


- 2). Open engine compartment cover.

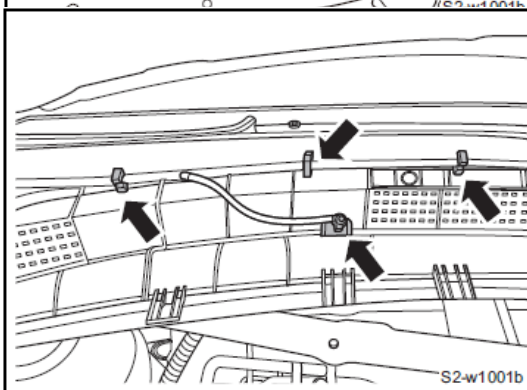
- 3). Remove 5 expansion buckles of front part of ventilation cover plate assembly;



- 4). Disconnect connection of front ventilation cover plate assembly and vehicle body metal sheet;
- 5). Rotate ventilation cover plate assembly, disconnect connection of front washing water pipe and left front window spraying nozzle, and take down left front window spraying nozzle from outside of ventilation cover plate assembly;



- 6). Disconnect 2 buckles of ventilation cover plate assembly and front washing water pipe assembly;



- 7). Disconnect connection of front washing water pipe and right front window spraying nozzle, and take down right front window spraying nozzle from outside of ventilation cover plate assembly;

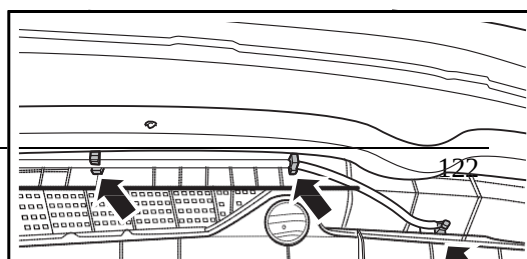
- 8). Disconnect 3 buckles of ventilation cover plate assembly and front washing water pipe assembly;

- 9). Take down ventilation cover plate assembly;

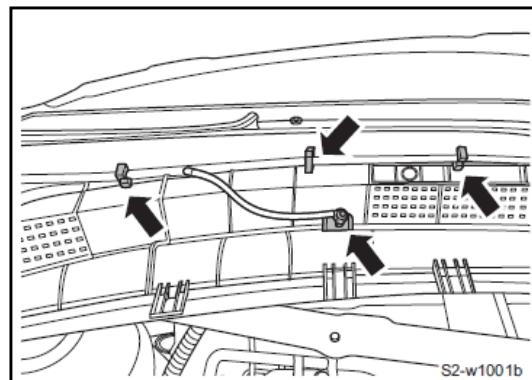
(II) Installation

1. Install ventilation cover plate assembly

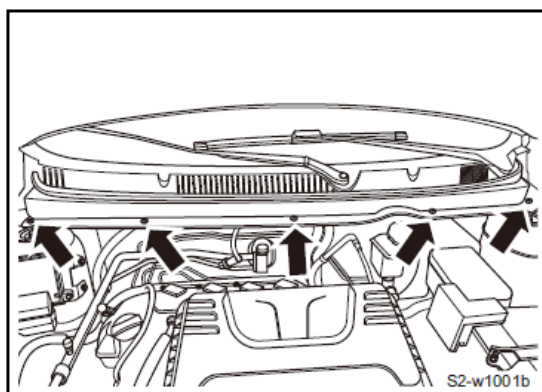
- 1). Install left front window spraying nozzle outside of ventilation cover plate assembly, and connect left front window spraying nozzle and washing water pipe;



- 2). Connect front washing water pipe to 2 connections of ventilation cover plate assembly;
- 3). Install right front window spraying nozzle outside of ventilation cover plate assembly, connect right front window spraying nozzle and washing water pipe;
- 4). Connect front water pipe to 3 connection of ventilation cover plate assembly;



- 5). Place ventilation cover plate assembly to installation position, and tighten 5 fixed buckles in front part of ventilation cover plate assembly;



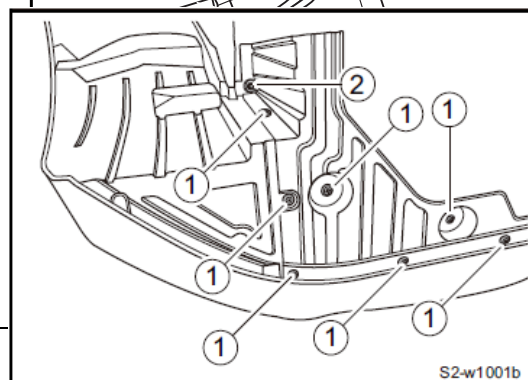
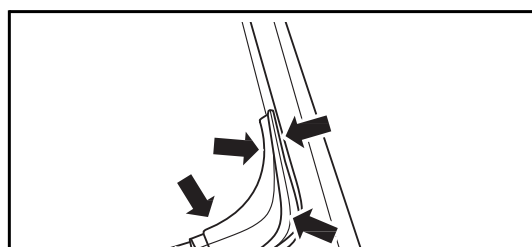
- 6). Close engine compartment cover.
- 7). Install left/right end cover of ventilation cover plate assembly;

2. Install front wiper arm assembly

IV、Engine Front Hood

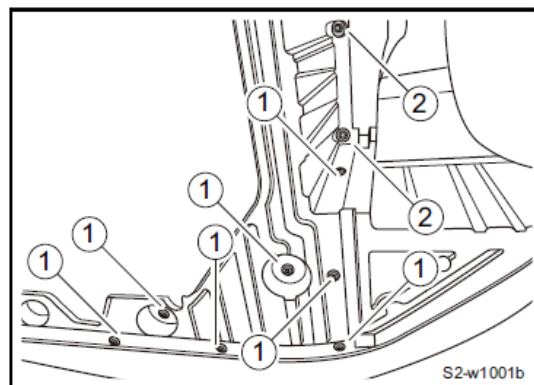
(I) Removal

1. Remove engine left front hood
 - 1). Remove 7 expansion buckles ① and fixed bolt ② on engine left front hood, and take down engine left front hood;



2. Remove engine right front hood

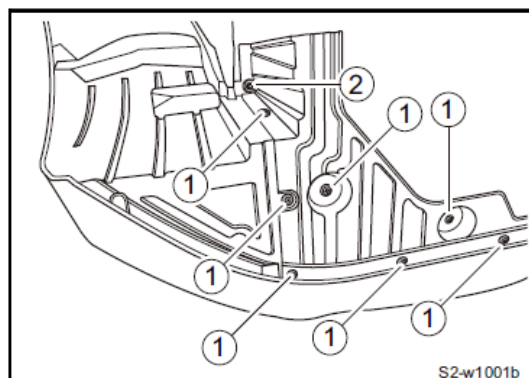
- 1). Remove 7 expansion buckles ① and 2 fixed bolts ② on engine right front hood, and take down engine right front hood;
- 2). Take down engine right front hood;



(II) Installation

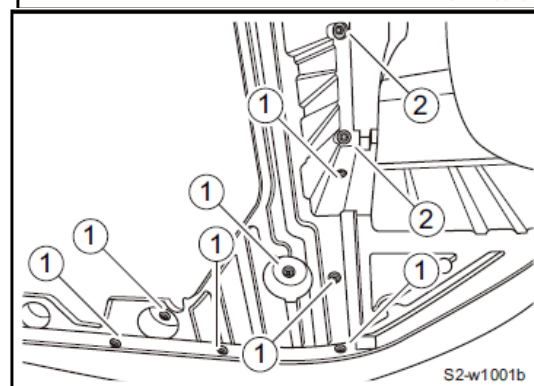
1. Install engine left front hood

- 1). Place engine left front hood to installation position, and tighten 7 expansion buckles ① and fixed bolt ②;



2. Install engine right front hood

- 1). Place engine right front hood to installation position, and tighten 7 expansion buckles ① and 2 fixed bolts ②;

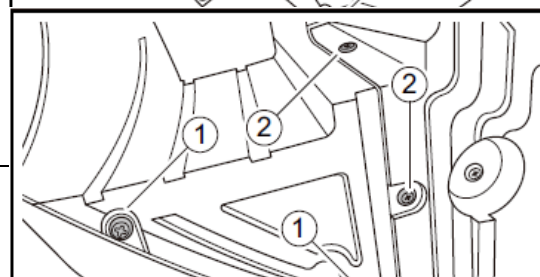
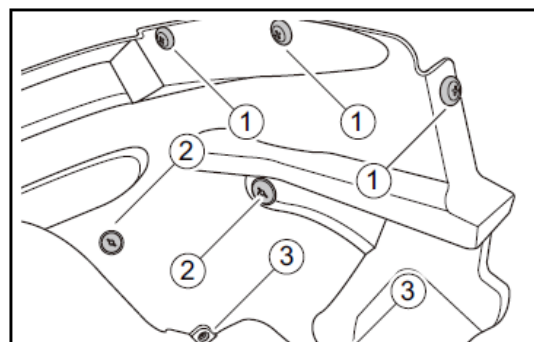


V、Front Wheel Cover

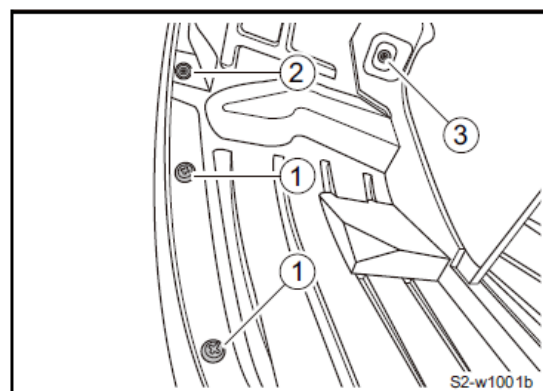
(I) Removal

1. Remove front wheel cover

- 1). Remove 5 expansion buckles ① connecting rear part of front wheel cover and fender;
- 2). Remove 2 expansion buckles ③ and 2 plastic nuts ② connecting rear part of front wheel cover and front wall;
- 3). Remove 2 expansion buckles ① connecting bottom of front part of front wheel cover and bottom of front bumper, and remove 2 expansion buckles ② connecting bottom of front part of front wheel cover and engine front hood;



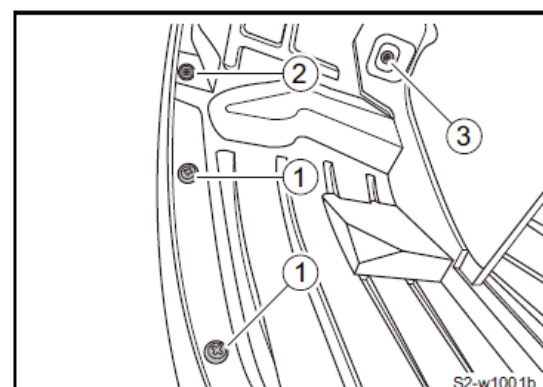
- 4). Remove 2 expansion buckles ① and fixed bolt ② connecting front part of front wheel cover and front bumper side;
- 5). Remove expansion buckle ③ connecting front part of front wheel and front wall;
- 6). Disconnect connection of front wheel cover and fender and front bumper, and take down front wheel cover;



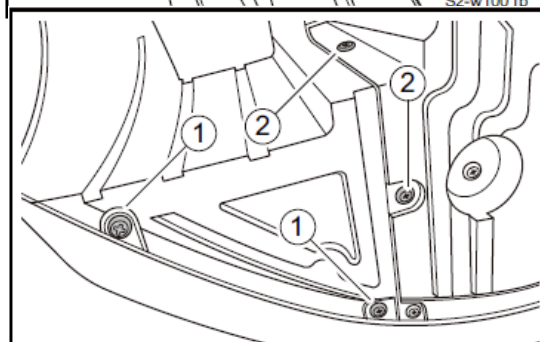
(II) Installation

1. Install front wheel cover

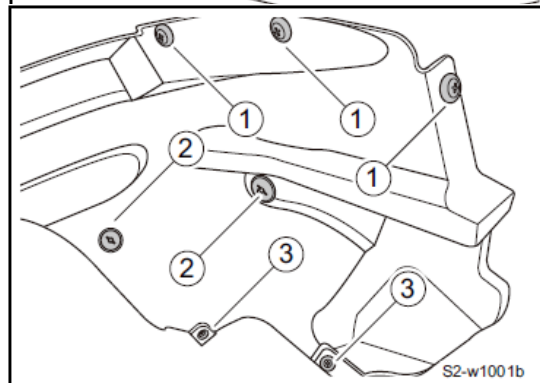
- 1). Place front wheel cover to installation position;
- 2). Tighten expansion buckle ③ connecting front part of front wheel cover and front wall;
- 3). Tighten 2 expansion buckles ① and fixed bolt ② connecting front part of front wheel cover and front bumper side;



- 4). Tighten 2 expansion buckles ① connecting bottom of front part of front wheel cover and bottom of front bumper, and tighten 2 expansion buckles ② connecting bottom of front part of front wheel cover and engine front hood;



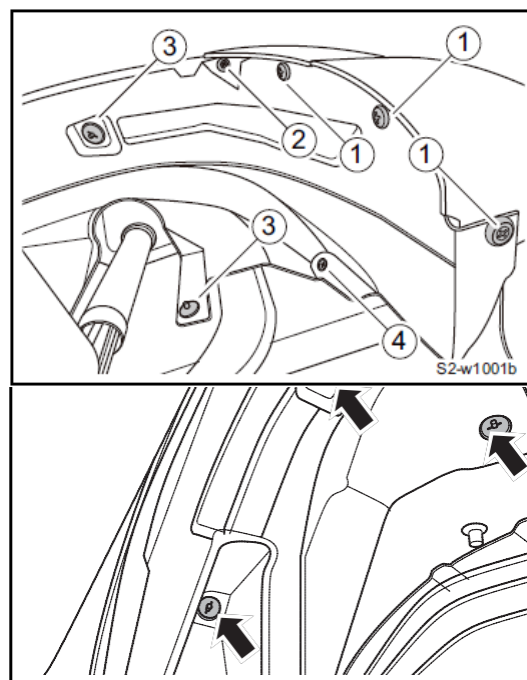
- 5). Tighten 2 expansion buckles ③ and 2 plastic nuts ② connecting rear part of front wheel cover and front wall;
- 6). Tighten 5 expansion buckles ① connecting rear part of front wheel cover and fender;



VI、Rear Wheel Cover

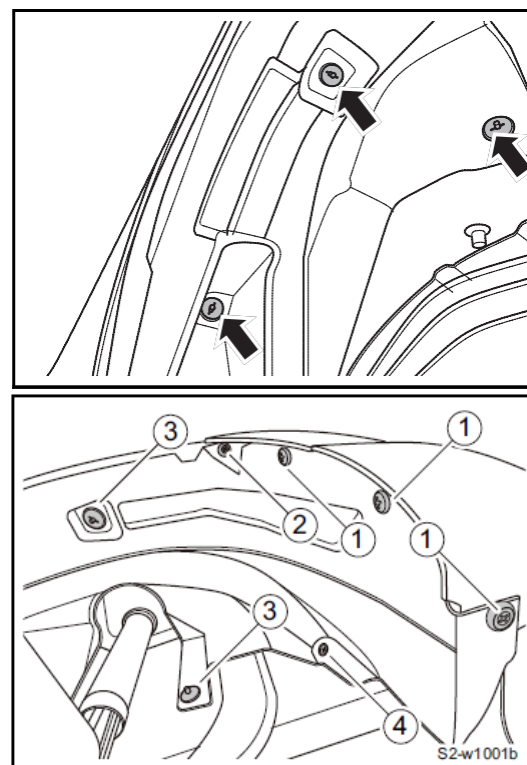
(I) Removal

1. Remove rear wheel cover
 - 1). Remove 3 expansion buckles ① and fixed bolt ② connecting rear part of rear wheel cover and rear bumper;
 - 2). Remove 2 plastic nuts ③ and expansion buckle ④ connecting rear part of rear wheel cover and vehicle body;
 - 3). Remove 3 plastic nuts connecting front part of rear wheel cover and vehicle body;
 - 4). Remove expansion buckles connecting front part of rear wheel cover and floor waybeam;
 - 5). Disconnect connection of rear wheel cover and rear bumper and vehicle body, and take down rear wheel cover;



(II) Installation

1. Install rear wheel cover
 - 1). Place rear wheel cover to installation position;
 - 2). Tighten 3 plastic nuts connecting front part of rear wheel cover and vehicle body;
 - 3). Install expansion buckle connecting front part of rear wheel cover and floor waybeam;
 - 4). Tighten 2 plastic nuts ③ and expansion buckle ④ connecting rear part of rear wheel cover and vehicle body;
 - 5). Tighten 3 expansion buckles ① and fixed bolt ② connecting rear part of rear wheel cover and rear bumper;

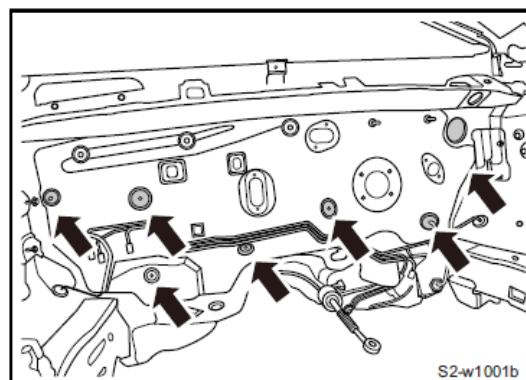


VII、Front Wall Engine Compartment Heat Insulation Mat

(I) Removal

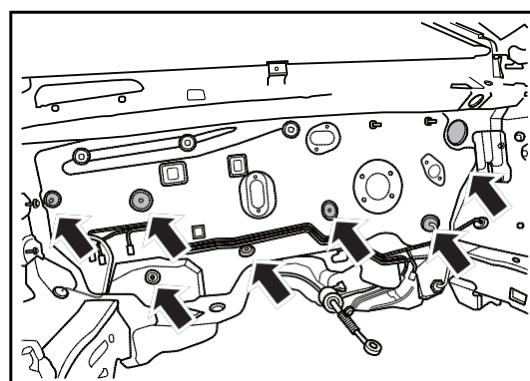
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove warm air inlet/outlet water pipe assembly Refer to "Warm air inlet/outlet water pipe assembly"
4. Remove intake hose Refer to "Intake hose assembly"
5. Recycle refrigerant, refrigeration oil
6. Remove pipe and expansion valve assembly Refer to "Pipe and expansion valve assembly"
7. Discharge clutch hydraulic pressure oil Refer to "Clutch hydraulic pressure oil"
8. Remove left end cover of dashboard Refer to "Left end cover of dashboard"
9. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
10. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
11. Remove steering wheel assembly Refer to "Steering wheel assembly"
12. Remove jacketing of steering column Refer to "Jacketing of steering column"
13. Remove clock spring Refer to "Clock spring"
14. Remove combination switch assembly Refer to "Combination switch assembly"
15. Remove anti-theft induction coil Refer to "Anti-theft induction coil"
16. Remove ignition switch assembly Refer to "Ignition switch assembly"
17. Remove steering column assembly Refer to "Steering column assembly"
18. Remove clutch pedal assembly Refer to "Clutch pedal assembly"
19. Remove brake pedal assembly Refer to "Brake pedal assembly"
20. Remove brake pedal assembly Refer to "Brake pedal assembly"
21. Discharge brake liquid Refer to "Brake liquid"
22. Remove brake liquid level sensor Refer to "Brake liquid level sensor"
23. Remove vacuum booster with brake main pump assembly Refer to "Vacuum booster with brake main pump assembly"
24. Remove front wall engine compartment heat insulation mat

- 1). Remove 7 plastic nuts of front wall engine compartment heat insulation mat;
- 2). Disconnect connection of brake liquid pipe clamp and front wall, disconnect connection of engine front compartment wiring harness and front wall, and take out front wall engine compartment heat insulation mat from clearance of clamp and front wall;



(II) Installation

1. Install front wall engine compartment heat insulation mat
 - 1). Place front wall engine compartment heat insulation mat to installation position, and install 7 plastic nuts of front wall engine compartment heat insulation mat;
 - 2). Connect connection of brake liquid pipe clamp and front wall, connect connection of engine front compartment wiring harness and front wall;
2. Install vacuum booster with brake main pump assembly
3. Install brake liquid level sensor
4. Fill brake liquid
5. Discharge air of brake system



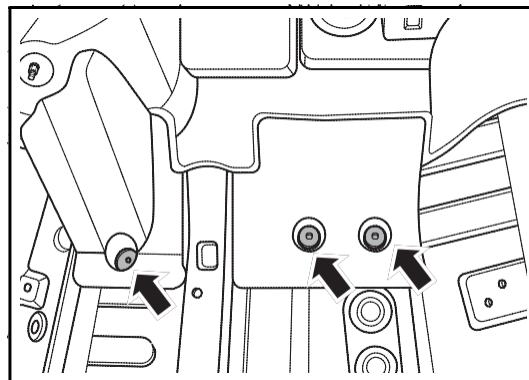
6. Install brake pedal assembly
7. Install brake pedal assembly
8. Install clutch pedal assembly
9. Install steering column assembly
10. Install ignition switch assembly
11. Install anti-theft induction coil
12. Install combination switch assembly
13. Install clock spring
14. Install jacketing of steering column
15. Install steering wheel assembly
16. Install driver's air bag assembly
17. Install lower guard panel assembly of driver's side
18. Install left end cover of dashboard
19. Discharge clutch hydraulic pressure oil
20. Install pipe and expansion valve assembly
21. Fill refrigerant, refrigeration oil
22. Install intake hose
23. Install warm air inlet/outlet water pipe assembly
24. Connect battery negative electrode
25. Close engine compartment cover

VIII、front wall sound insulation mat

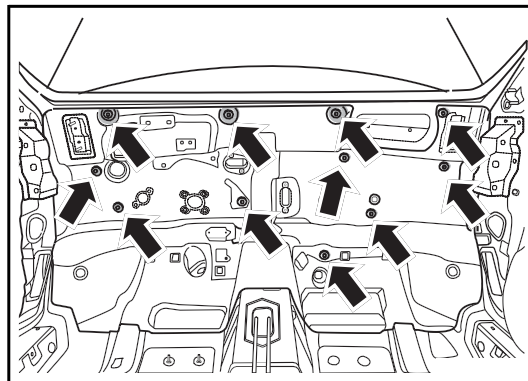
(I) Remove

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing assembly Refer to "Steering column jacketing assembly"
- 10.Remove clock spring Refer to "Clock spring"
- 11.Remove combination switch assembly Refer to "Combination switch assembly"
- 12.Remove front door threshold guard panel assembly Refer to "Front door threshold guard panel assembly"
- 13.Remove lower trim panel assembly of A pillar Refer to "Lower trim panel assembly of A pillar"
- 14.Remove upper trim panel assembly of A pillar Refer to "Upper trim panel assembly of A pillar"
- 15.Remove dashboard end cover Refer to ""Dashboard end cover"
- 16.Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
- 17.Remove glove box assembly Refer to "Glove box assembly"
- 18.Remove A/C controller assembly Refer to "A/C controller assembly"
- 19.Remove radio panel assembly Refer to "radio panel assembly"
- 20.Remove radio assembly Refer to "radio assembly"
- 21.Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
- 22.Remove combination meter assembly Refer to "Combination meter assembly"
- 23.Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
- 24.Remove auxiliary driver's air bag assembly Refer to "Auxiliary driver's air bag assembly"
- 25.Remove dashboard assembly Refer to "Dashboard assembly"
- 26.Remove front wiper arm assembly Refer to "Front wiper arm assembly"
- 27.Remove ventilation cover plate assembly Refer to "Ventilation cover plate assembly"
- 28.Remove dashboard beam Refer to "Dashboard beam"
- 29.Remove A/C main host assembly Refer to "A/C main host assembly"
- 30.Remove electronic accelerator pedal assembly Refer to "Electronic accelerator pedal assembly"
- 31.Remove brake pedal assembly Refer to "Brake pedal assembly"
- 32.Remove clutch pedal assembly Refer to "Clutch pedal assembly"
- 33.Remove front wall sound insulation mat

- 1). Remove 3 plastic nuts of two heel blocks of driver's side, and take down two heel blocks;
- 2). Remove 2 fixed bolts and 2 fixed nuts in both left and right A pillar connecting metal sheet and front wall, and take down connecting metal sheet;

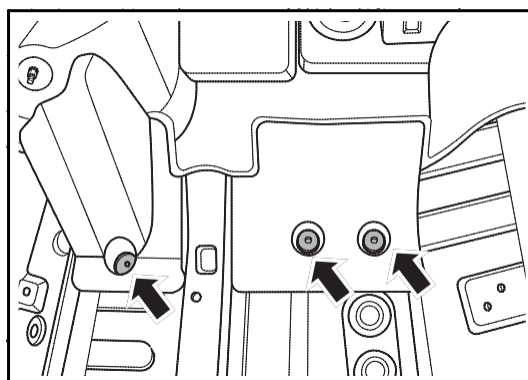
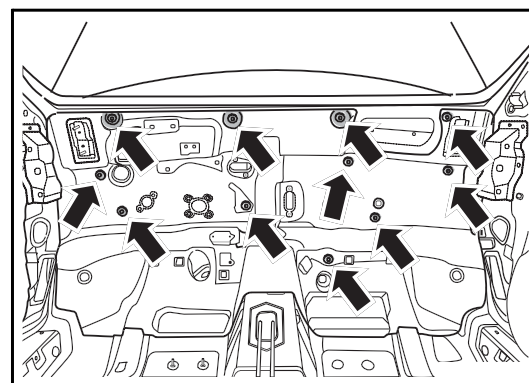


- 3). Remove 11 plastic nuts connecting front wall sound insulation mat and front wall;
- 4). Take down front wall sound insulation mat;



(II) Installation

1. Install front wall sound insulation mat
 - 1). Place front wall sound insulation mat to installation position, and install 11 plastic nuts;
 - 2). Install 2 fixed bolts and 2 fixed nuts in both left and right A pillar connecting metal sheet and front wall, and take down connecting metal sheet;
 - 3). Install two heel blocks, and install 3 plastic nuts;



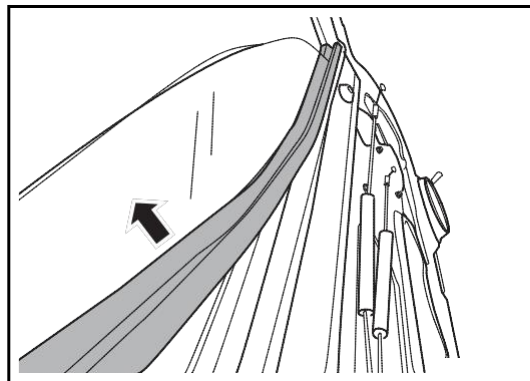
2. Install clutch pedal assembly
3. Install brake pedal assembly
4. Install electronic accelerator pedal assembly
5. Install A/C main host assembly
6. Install dashboard beam
7. Install ventilation cover plate assembly
8. Install front wiper arm assembly
9. Install dashboard assembly
10. Install front passenger's air bag
11. Install central cover plate assembly
12. Install lower guard panel assembly of driver's side
13. Install combination meter
14. Install central left side trim panel assembly
15. Install radio
16. Install radio panel assembly
17. Install A/C controller assembly
18. Install glove box assembly
19. Install central right side trim panel assembly
20. Install dashboard end cover
21. Install upper trim panel assembly of A pillar

- 22. Install lower trim panel assembly of A pillar
- 23. Install door frame sealing strip of front side vehicle door
- 24. Install front door threshold guard panel assembly
- 25. Install steering column jacketing assembly
- 26. Install steering wheel assembly
- 27. Four wheel locating
- 28. Install driver's air bag assembly
- 29. Install auxiliary dashboard assembly
- 30. Install front storage box assembly
- 31. Install saucer cover plate assembly
- 32. Install front extension plate assembly
- 33. Connect battery negative electrode
- 34. Close engine compartment cover

IX、Inner Water Splitting Strip of Front Side Vehicle Door

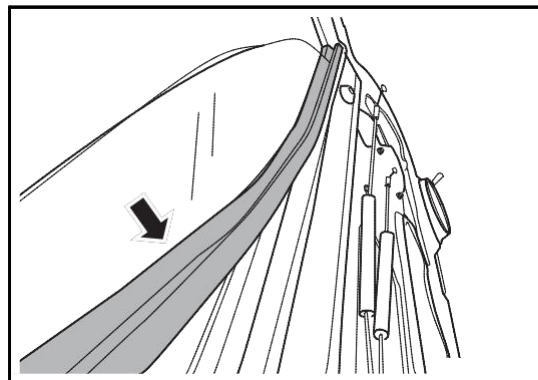
(I) Removal

1. Open engine compartment cover
 2. Disconnect battery negative electrode
 3. Remove front triangle window cover plate assembly Refer to "Front triangle window cover plate assembly"
 4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
 5. Remove inner water splitting strip of front side vehicle door
 - 1). Lift one end, and take down inner water splitting strip of front side vehicle door slowly;
- △Note Please don't force too much when removing, because it may cause components deformed.



(II) Installation

1. Install inner water splitting strip of front side vehicle door
 - 1). First install one end, and then install inner water splitting strip of front side vehicle door in place slowly;

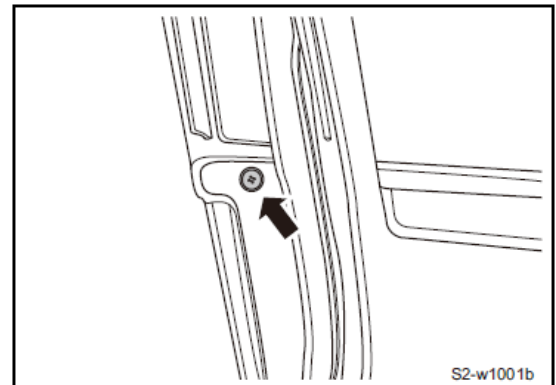


2. Install front door trim panel assembly
3. Install front triangle window cover plate assembly
4. Connect battery negative electrode
5. Close engine compartment cover

X、Outer Water Splitting Strip of Front Side Vehicle Door

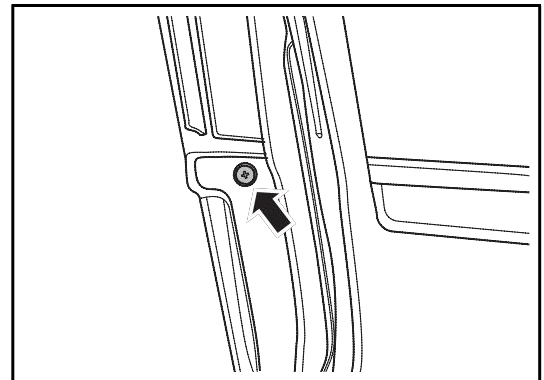
(I) Removal

1. Remove outer water splitting strip of front side vehicle door
 - 1). Lift vehicle door window to the lowest;
 - 2). Remove fixed bolt of outer water splitting strip of front s;
 - 3). Pry outer water splitting strip of front side vehicle door from inside of vehicle door;
- △Note Please don't force too much when removing, because it may cause components deformed.
- △Note Check strip visually when removing, if deformed, please replace.



(II) Installation

1. Install outer water splitting strip of front side vehicle door
 - 1). Align outer water splitting strip of front side vehicle door to flange of door pillar, and install outer water splitting strip of front side vehicle door in place from front part slowly;
 - 2). Tighten rear part fixed bolt of outer water splitting strip of front side vehicle door;
- Tighten torque 3~5N·m

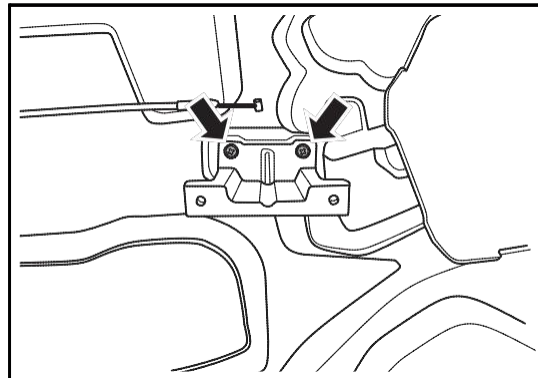


XI、Waterproof Membrane of Front Vehicle Door

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front triangle window cover plate assembly Refer to "Front door trim panel assembly"
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
5. Remove installation bracket of front door inclined handle

- 1). Remove 2 fixed bolts of installation bracket of front door inclined handle;
- 2). Take down installation bracket of front door inclined handle;

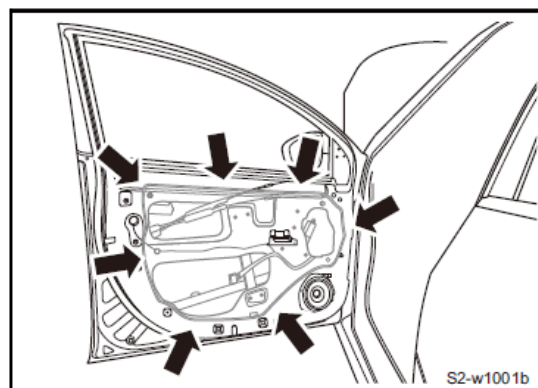


6. Remove waterproof membrane of front vehicle door

- 1). Disconnect connection of waterproof membrane and vehicle door, and take down waterproof membrane;

△Note Don't touch surface of adhesion agent to avoid weaken adhesion effect.

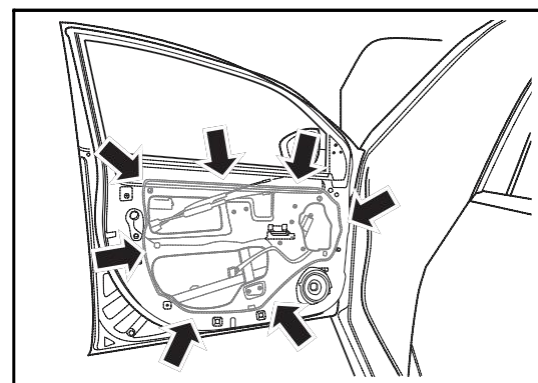
△Note Be careful with waterproof membrane to avoid damage waterproof membrane.



(II) Installation

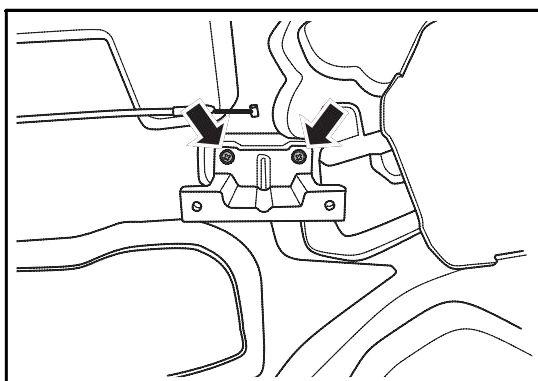
1. Install waterproof membrane of front vehicle door

- 1). Install waterproof membrane to right position of vehicle inside ;



2. Install installation bracket of front door inclined handle

- 1). Place installation bracket to right position, and tighten 2 fixed bolts;

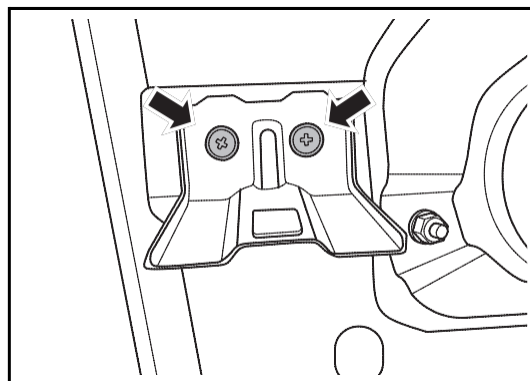


3. Install front door trim panel assembly
4. Install front triangle window cover plate assembly
5. Connect battery negative electrode
6. Close engine compartment cover

XII、 Waterproof Membrane of Rear Vehicle Door

(I) Remove

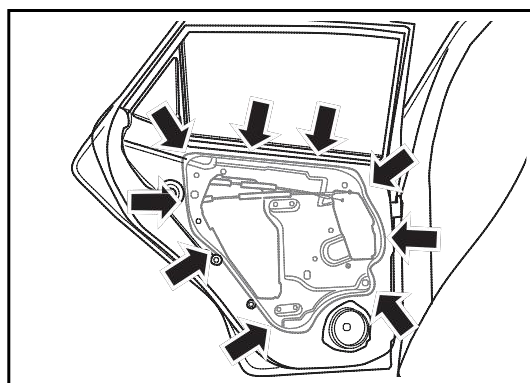
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly Refer to "Rear door trim panel assembly"
4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly"
5. Remove installation bracket of rear door handle panel
 - 1). Remove 2 fixed bolts connecting installation bracket of rear door handle panel and rear vehicle door;
 - 2). Take down installation bracket of rear door handle panel;



6. Remove waterproof membrane of rear vehicle door
 - 1). Separate connection of waterproof membrane and vehicle door, and take down waterproof membrane;

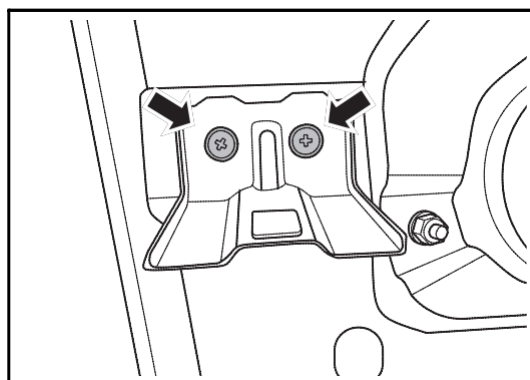
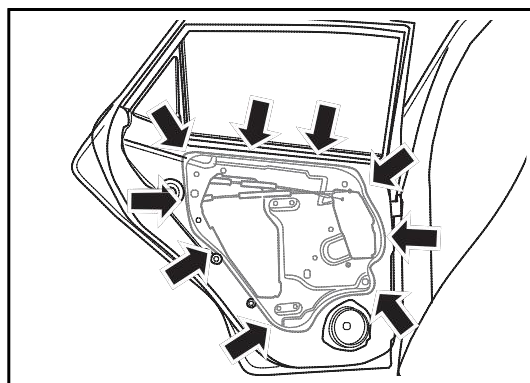
△Note Don't touch surface of adhesion agent to avoid weaken adhesion effect.

△Note Be careful with waterproof membrane to avoid damage waterproof membrane.



(II) Installation

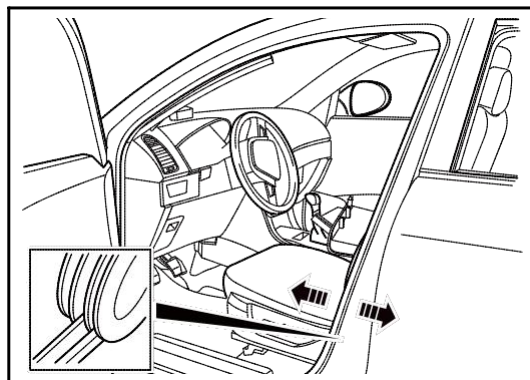
1. Install waterproof membrane of rear vehicle door
 - 1). Install waterproof membrane to inside vehicle door, and tighten;
2. Install installation bracket of rear door handle panel
 - 1). Place installation bracket to installation position, and tighten 2 fixed bolts;
3. Install rear door trim panel assembly
4. Install rear door triangle window cover plate assembly
5. Connect battery negative electrode
6. Close engine compartment cover



XIII、Door Frame Rubber Strip of Front Side Vehicle Door

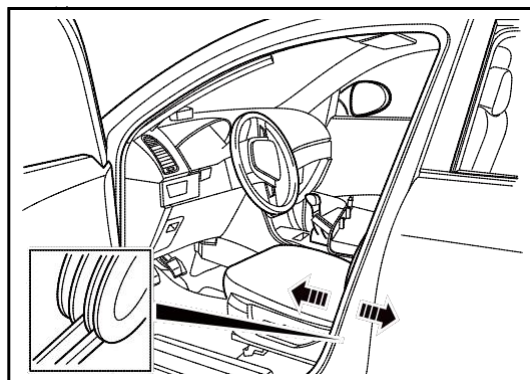
(I) Removal

1. Remove front door threshold guard panel assembly Refer to "Front door threshold guard panel assembly"
2. Remove door frame rubber strip of front side vehicle door
 - 1). Disconnect door frame rubber strip from vehicle body from one end;
 - 2). Pull out door frame rubber strip of front side vehicle door slowly;



(II) Installation

1. Install door frame rubber strip of front side vehicle door
 - 1). Place door frame rubber strip to installation position;
 - 2). Knock slightly using rubber hammer to make it be installed in place;

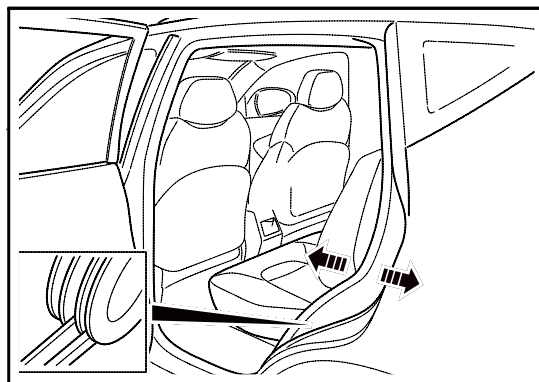


2. Install front door threshold guard panel assembly

XIV、Door Frame Rubber Strip of Rear Side Vehicle Door

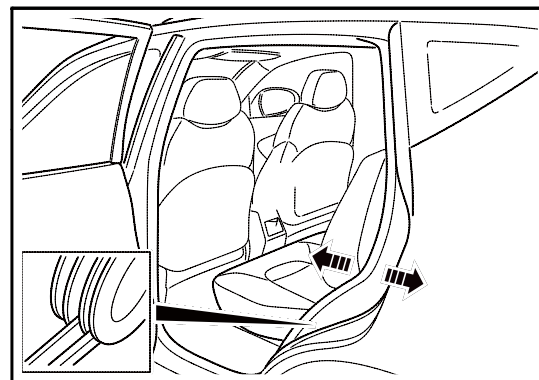
(I) Removal

1. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
2. Remove door frame rubber strip of rear side vehicle door
 - 1). Disconnect door frame rubber strip from vehicle body from one end;
 - 2). Pull out door frame rubber strip of rear side vehicle door slowly;



(II) Installation

1. Install door frame rubber strip of rear side vehicle door
 - 1). Place door frame rubber strip to installation position;
 - 2). Knock slightly using rubber hammer to make it be installed in place;



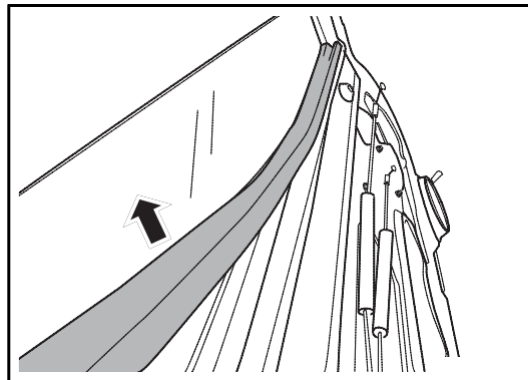
2. Install rear threshold guard panel assembly

XV、Inner Water Splitting Strip of Rear Side Vehicle Door

(I) Removal

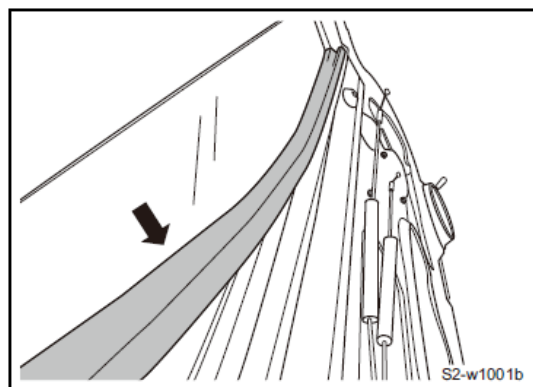
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly Refer to "Rear door triangle window cover plate assembly"
4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly"
5. Remove inner water splitting strip of rear side vehicle door
 - 1). Take down inner water splitting strip of rear side vehicle door slowly with hands from one side;

△Note Please don't force too much when removing, because it may cause component deformed.



(II) Installation

1. Install inner water splitting strip of rear side vehicle door
 - 1). Install one end first, and then install inner water splitting strip of rear side vehicle door in place slowly;

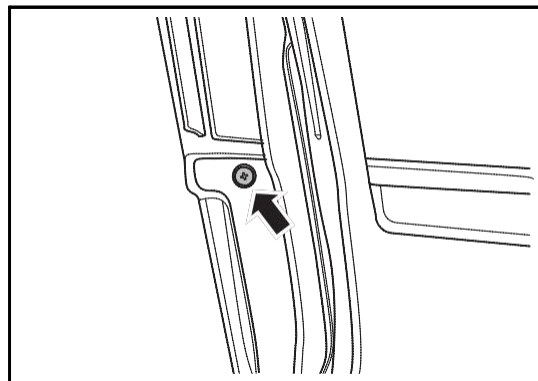


2. Install rear door trim panel assembly
3. Install rear door triangle window cover plate assembly
4. Connect battery negative electrode
5. Close engine compartment cover

XVI、Outer Water Splitting Strip of Rear Side Vehicle Door

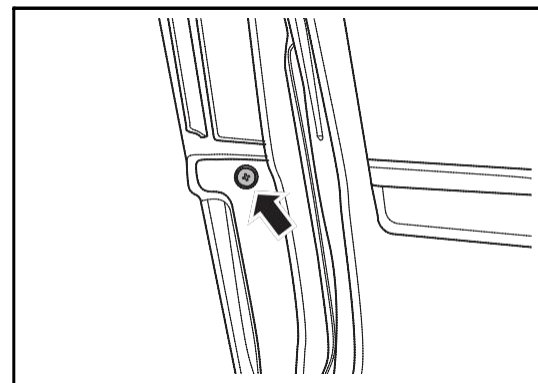
(I) Remove

1. Remove outer water splitting strip of rear side vehicle door
 - 1). Lift vehicle door window to the lowest;
 - 2). Remove fixed bolts both in left and right side of outer water splitting strip of rear side vehicle door and vehicle door;
 - 3). Pry outer water splitting strip of rear side vehicle door from inside of vehicle door;
- △Note Please don't force too much when removing, because it may cause components deformed.
- △Note Check strip visually when removing, if deformed, please replace.



(II) Installation

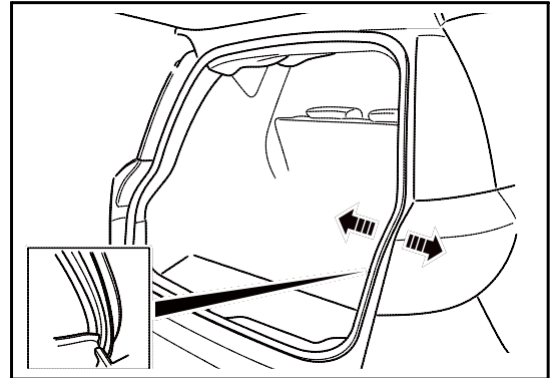
1. Install outer water splitting strip of rear side vehicle door
 - 1). Align outer water splitting strip of rear side vehicle door to flange of door pillar, and install outer water splitting strip of rear side vehicle door in place from front part slowly;
 - 2). Tighten rear part fixed bolt in left and right side of outer water splitting strip of front side vehicle door;
- Tighten torque 5~7N·m



XVII、Tail Door Sealing Strip

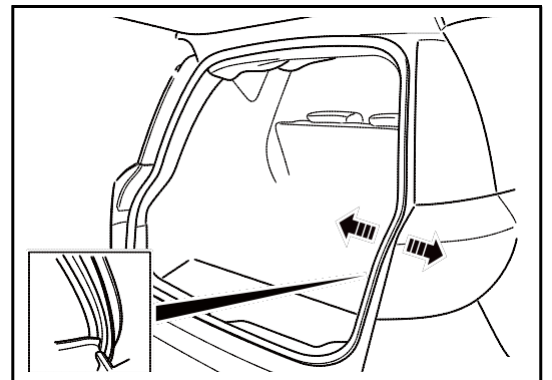
(I) Removal

1. Remove tail door sealing strip
 - 1). Remove hatstand knot from installation bracket, and disconnect tail door sealing strip from vehicle body from one end;
 - 2). Pull out tail door sealing strip slowly;



(II) Installation

1. Install tail door sealing strip
 - 1). Place tail door sealing strip to installation position
 - 2). Knock slightly using hammer to make it be installed in place;
 - 3). Hang hatstand knot to installation bracket;

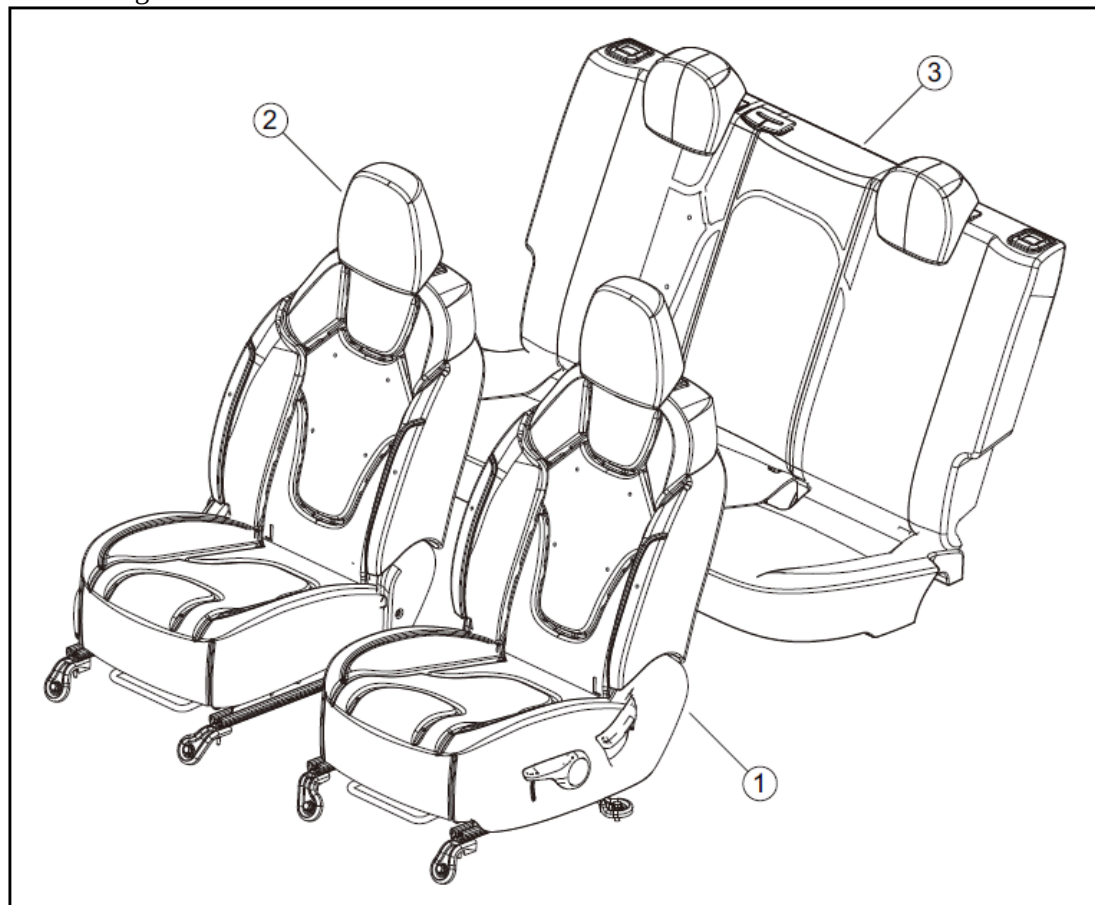


Seat and Safety Belt

I、Summary

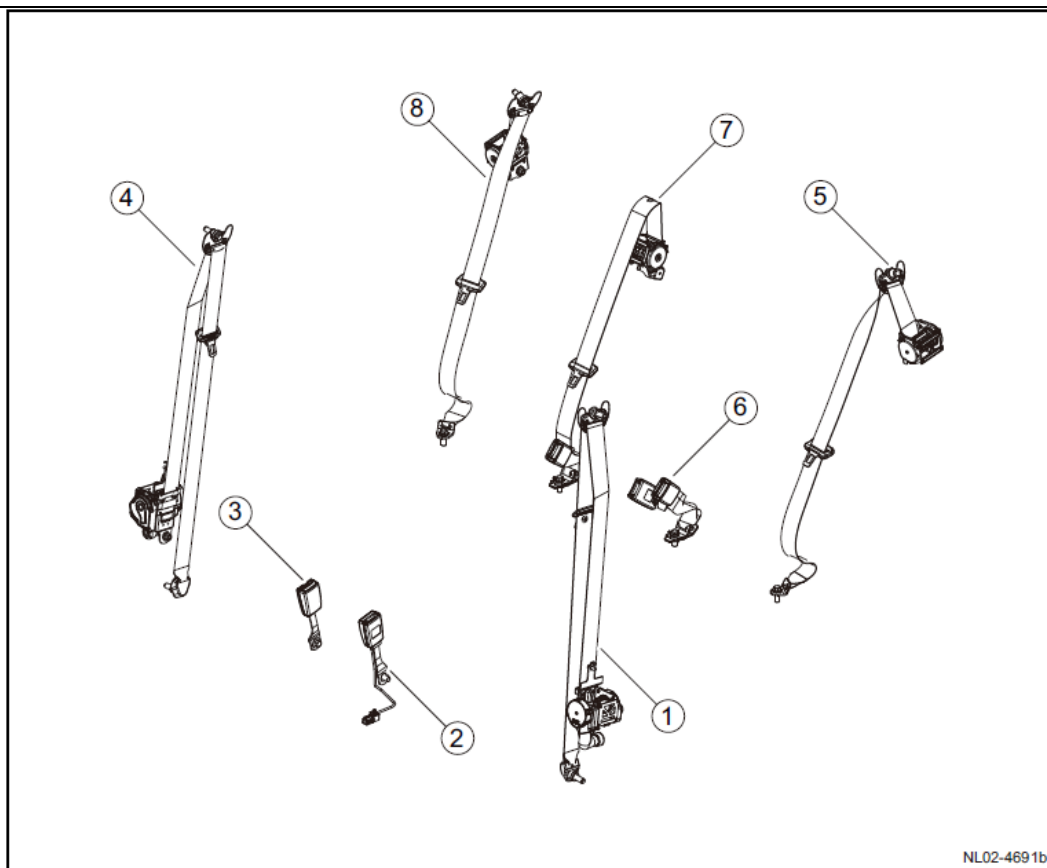
(I) Structure Overview

Location Diagram



- 1. Front seat assembly
- 3. Rear seat assembly

- 2. Front seat headrest



NL02-4691b

- | | |
|--|---|
| 1. Left front safety belt assembly | 2. Left front safety belt inserting lock assembly |
| 3. Right front safety belt inserting lock assembly | 4. Right front safety belt assembly |
| 5. Left rear three-point-type safety belt assembly | 7. Right rear three-point-type safety belt assembly |
| 6. Left rear safety belt inserting lock and middle safety belt clasp lock assembly | |
| 8. Middle three-point-type safety belt and safety belt inserting lock assembly | |

(II) Torque Parameter

No.	Item	Torque (N·m)
1	Fixed bolt of front seat	45~55
2	Fixed bolt of rear seat backrest middle fixed bracket assembly	45~55
3	Lower fixed point bolt of safety belt	45~55
4	Fixed bolt of rear seat backrest lower fixed bracket and seat backrest	45~55
5	Fixed bolt of safety belt inserting lock	45~55

(III) Maintenance Note

- (1). Assemble sequence of seats fixed bolts.
- (2). Put the seats to the rearmost position and check the locking condition of each slide; then fasten the front fixed bolts temporarily.
- (3). Put the seats to the most front position and check the locking condition of each slide; then fasten the rear fixed bolts temporarily.
- (4). Put the seats to the rearmost position and fasten the front fixed bolts completely.
- (5). Check whether seats can move forward and backward smooth and locks locked properly or not.
- (6). Replace the damaged rear seats cushion clips.
- (7). The assembly procedure of seats fixed bolts and nuts.
- (8). Check whether the operation of the tilt seats and folding seat cushion is smooth or not.

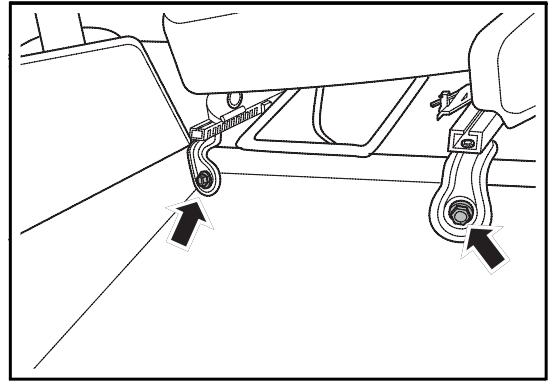
II、Front Seat Assembly

(I) Removal

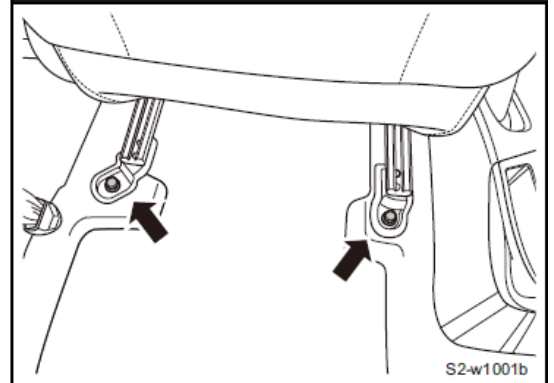
1. Open engine compartment cover
2. Disconnect battery negative electrode

3. Remove front seat assembly

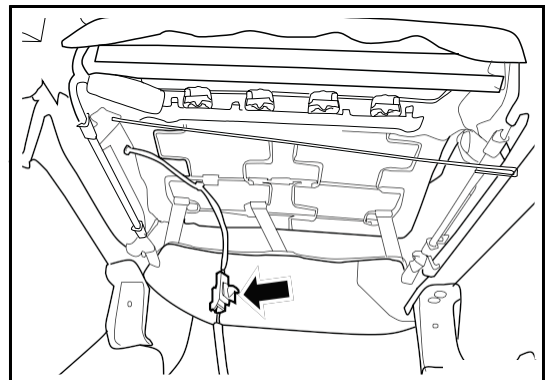
1). Remove 2 fixed bolts of front part of seat;



2). Remove 2 fixed bolts of rear part of seat;

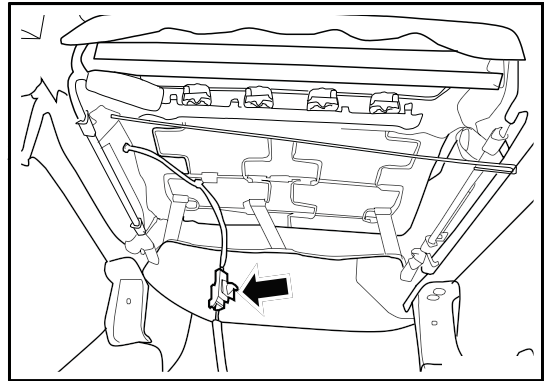


3). Disconnect safety belt not inserting warning wiring harness connector, and take down seat;



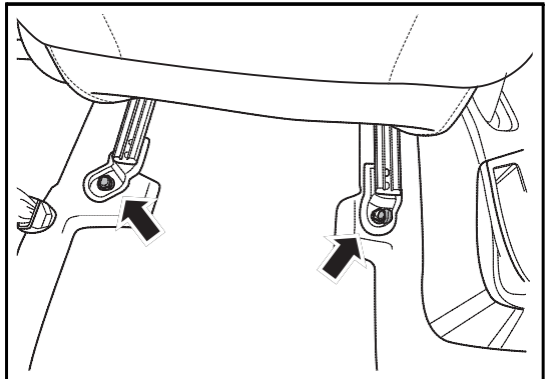
(II) Installation**1. Install front seat assembly**

- 1). Connect safety belt not inserting warning wiring harness connector;



- 2). First pre-install 2 bolts of front part of seat, slip seat forward to forefront, and then pre-install 2 bolts of rear part of seat; at last tighten rear outside bolt of seat, rear inside bolt, front side two bolts;

Tighten torque 45~55N m

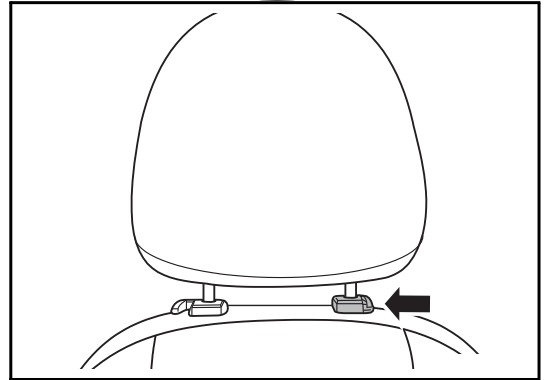


2. Connect battery negative electrode
3. Close engine compartment cover

III、Seat Headrest

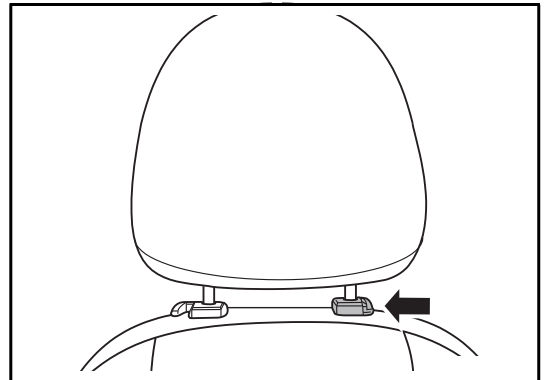
(I) Removal

1. Remove seat headrest
 - 1). Press unlock button on headrest guide sleeve of seat headrest;
 - 2). Pull seat headrest upward;



(II) Installation

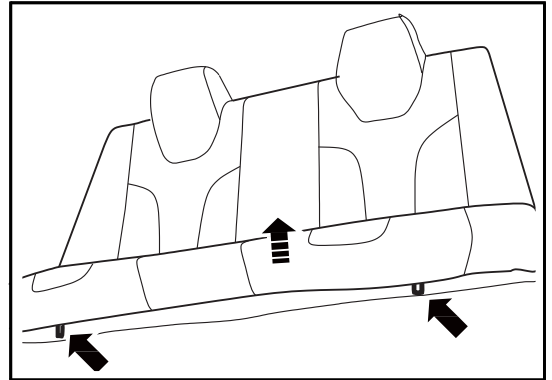
1. Install seat headrest
 - 1). Press seat headrest unlock button in;
 - 2). Insert seat headrest to headrest guide sleeve, and adjust height of seat headrest according to requirement;



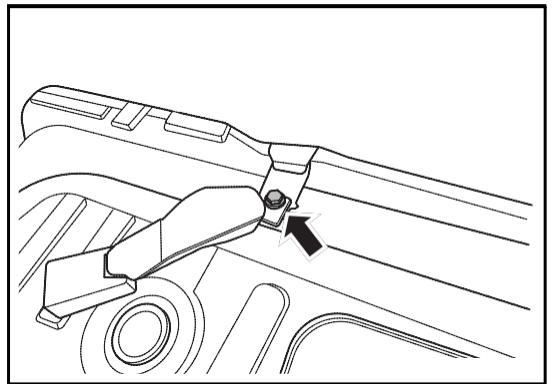
IV、Rear Seat Backrest

(I) Removal

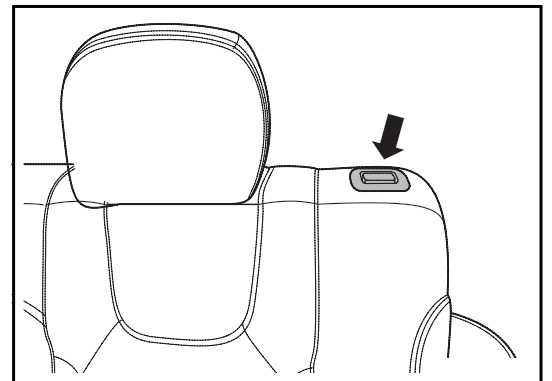
1. Remove rear seat cushion assembly
 - 1). Lift rear seat cushion assembly upward, pull out cushion from cushion buckles, and take out rear seat cushion assembly;



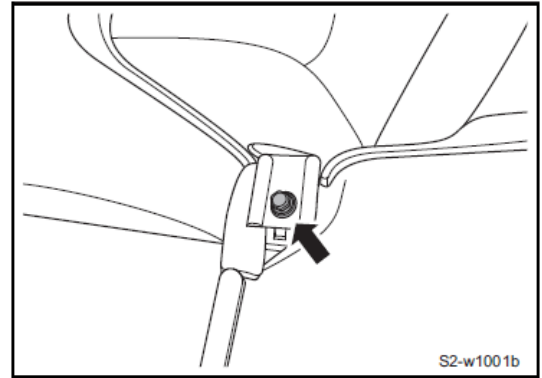
2. Remove rear seat backrest assembly
 - 1). Remove lower fixed bolt of rear seat middle safety belt;



- 2). Press two sides unlock buttons of seat backrest upper part, and rotate backrest forward;



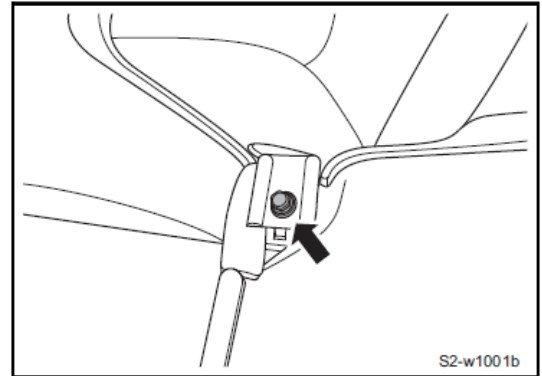
3). Remove fixed bolt both in left/right side backrest lower fixed bracket and backrest assembly, and take out backrest assembly;



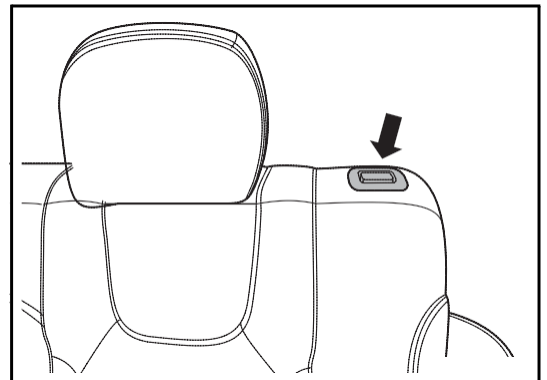
(II) Installation

1. Install rear seat backrest assembly

- 1). Place rear seat backrest assembly to installation position;
- 2). Tighten fixed bolt both in left/right side backrest lower fixed bracket and backrest assembly, and take out backrest assembly;
Tighten torque 45~55N m

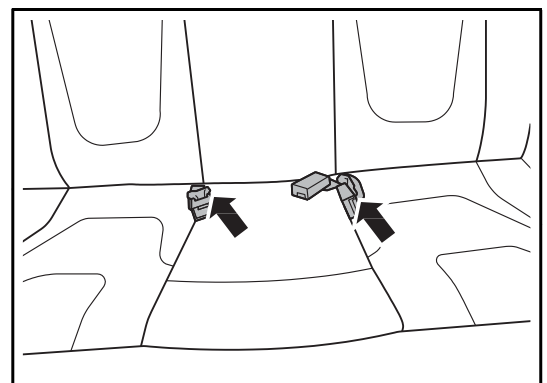


- 3). Rotate backrest backward, and tighten lower fixed bolt of rear middle safety belt;
Tighten torque 45~55N m

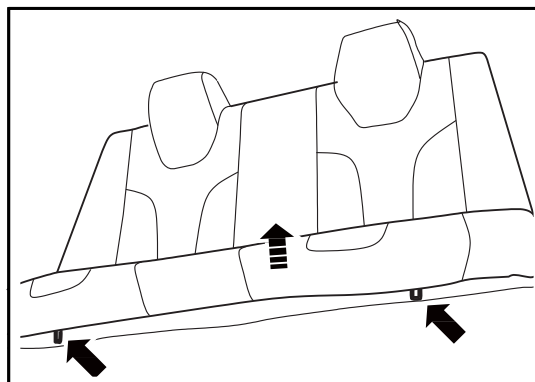


2. Install rear seat cushion assembly

- 1). Insert rear seat cushion to lower part of backrest, and cross safety belt inserting lock and safety belt clap lock from cushion opening port;



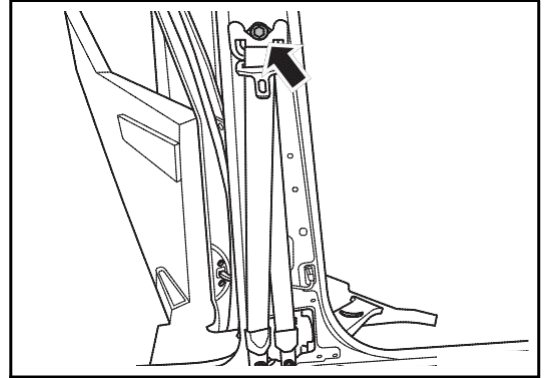
- 2). Install pothook of front part of cushion to fixed buckle of rear seat;



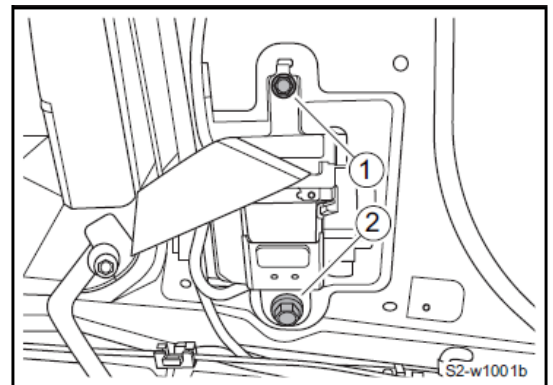
V、Front Seat Safety Belt Assembly

(I) Removal

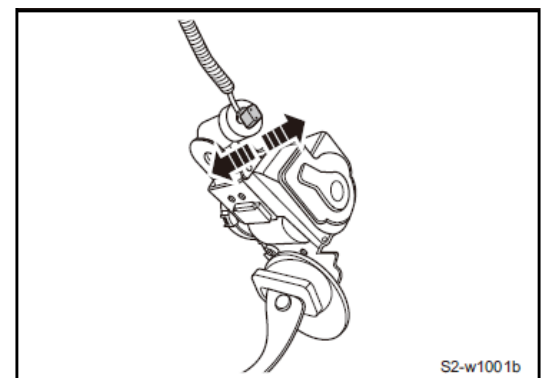
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door threshold guard panel assembly Refer to "Front door threshold guard panel assembly"
4. Remove rear threshold guard panel assembly Refer to "Rear threshold guard panel assembly"
5. Removelower trim panel assembly of B pillar Refer to "Lower trim panel assembly of B pillar"
6. Removeupper trim panel assembly of B pillar Refer to "Upper trim panel assembly of B pillar"
7. Remove front seat safety belt assembly
 - 1). Remove fixed bolt of safety belt guiding ring;



- 2). Remove 2 fixed bolts of retractor;

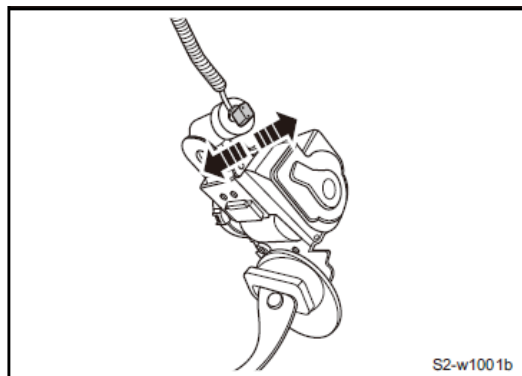


- 3). Disconnect wiring harness of front seat safety belt retractor;
- 4). Take down front seat safety belt assembly;



(II) Installation
1. Install front seat safety belt assembly

- 1). Connect wiring harness connector of front seat safety belt retractor;

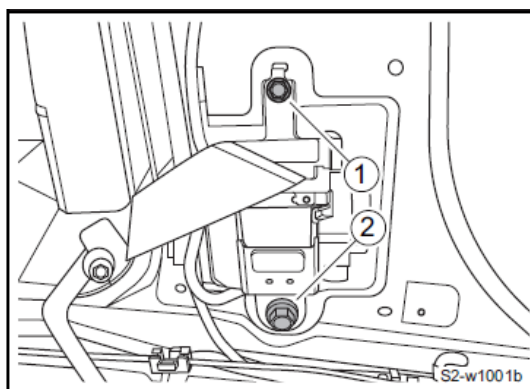


- 2). Install front seat safety belt retractor, and tighten fixed bolt ①;

Tighten torque 6~8N m

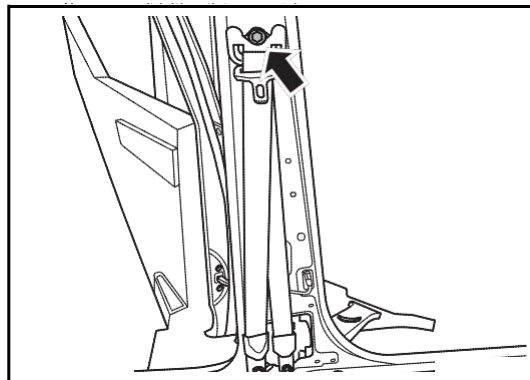
- 3). Tighten fixed bolts ②;

Tighten torque 45~55N m



- 4). Install safety belt guiding ring and install fixed bolt;

Tighten torque 45~55N m

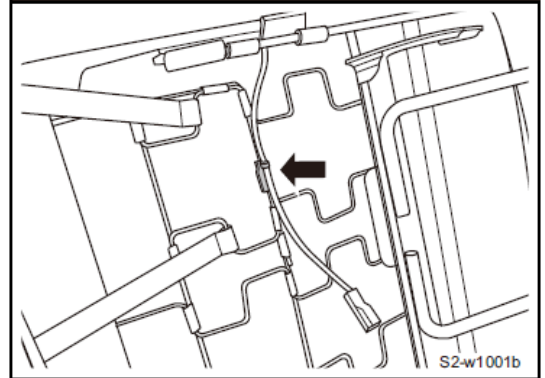


2. Install upper trim panel assembly of B pillar
3. Install lower trim panel assembly of B pillar
4. Install rear threshold guard panel assembly
5. Install front door threshold guard panel assembly
6. Connect battery negative electrode
7. Close engine compartment cover

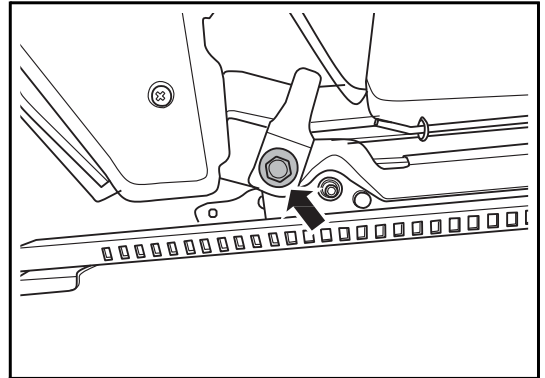
VI、Front Safety Belt Inserting Lock Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front seat assembly Refer to "Front seat assembly"
4. Remove front safety belt inserting lock assembly
 - 1). Rotate seat, disconnect wiring harness from cushion fixed buckle;

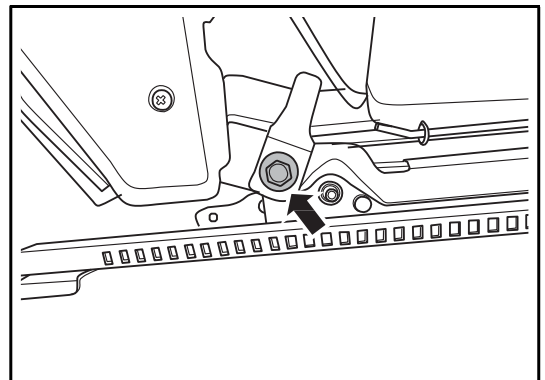


- 2). Remove fixed bolt of front safety belt inserting lock assembly;
- 3). Take down front safety belt inserting lock assembly;

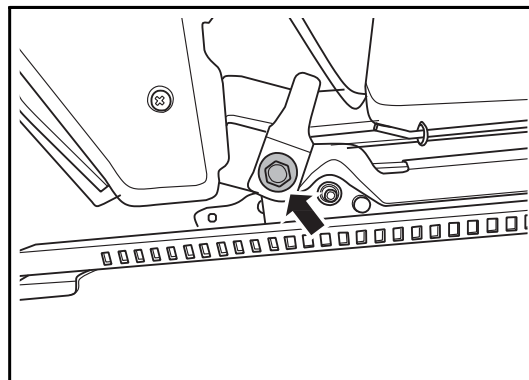


(II) Installation

1. Install front safety belt inserting lock assembly
 - 1). Place front safety belt inserting lock assembly to installation position, and tighten fixed bolt;
- Tighten torque 45~55N m



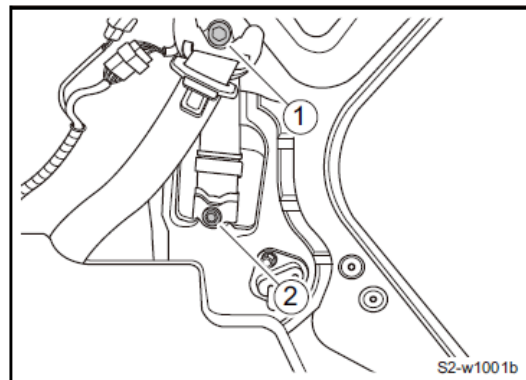
- 3). Connect wiring harness to relative position of cushion;
2. Install front seat assembly
3. Connect battery negative electrode
4. Close engine compartment cover



VII、Rear Seat Outside Three-point-type Safety Belt Assembly

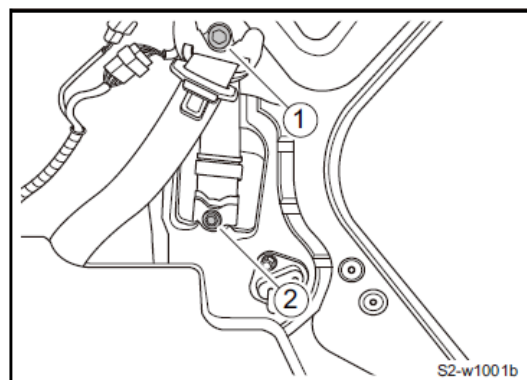
(I) Removal

1. Remove rear threshold guard panel assembly Refer to ""rear threshold guard panel assembly
2. Remove rear seat cushion assembly Refer to "Rear seat backrest"
3. Remove rear seat backrest assembly Refer to ""Rear seat backrest
4. Remove lower fixed bracket assembly of rear seat backrest Refer to "Lower trim panel assembly of C pillar"
5. Remove lower trim panel assembly of C pillar Refer to "Lower trim panel assembly of C pillar"
6. Remove upper trim panel assembly of C pillar Refer to "Upper trim panel assembly of C pillar"
7. Remove rear seat outside three-point-type safety belt assembly
 - 1). Remove fixed bolt ① of safety belt guiding ring;
 - 2). Remove 1 fixed bolt ② of retractor;
 - 3). Take down rear seat safety belt assembly;



(II) Install

1. Install rear seat outside three-point-type safety belt assembly
 - 1). Install retractor and install fixed bolt ② of retractor;
Tighten torque 6~8N m
 - 2). Tighten fixed bolt ① of safety belt guiding ring;
Tighten torque 45~55N m
2. Install upper trim panel assembly of C pillar
3. Install lower trim panel assembly of C pillar
4. Install lower fixed bracket assembly of rear seat backrest
5. Install rear seat backrest assembly
6. Install rear seat cushion assembly
7. Install rear threshold guard panel assembly

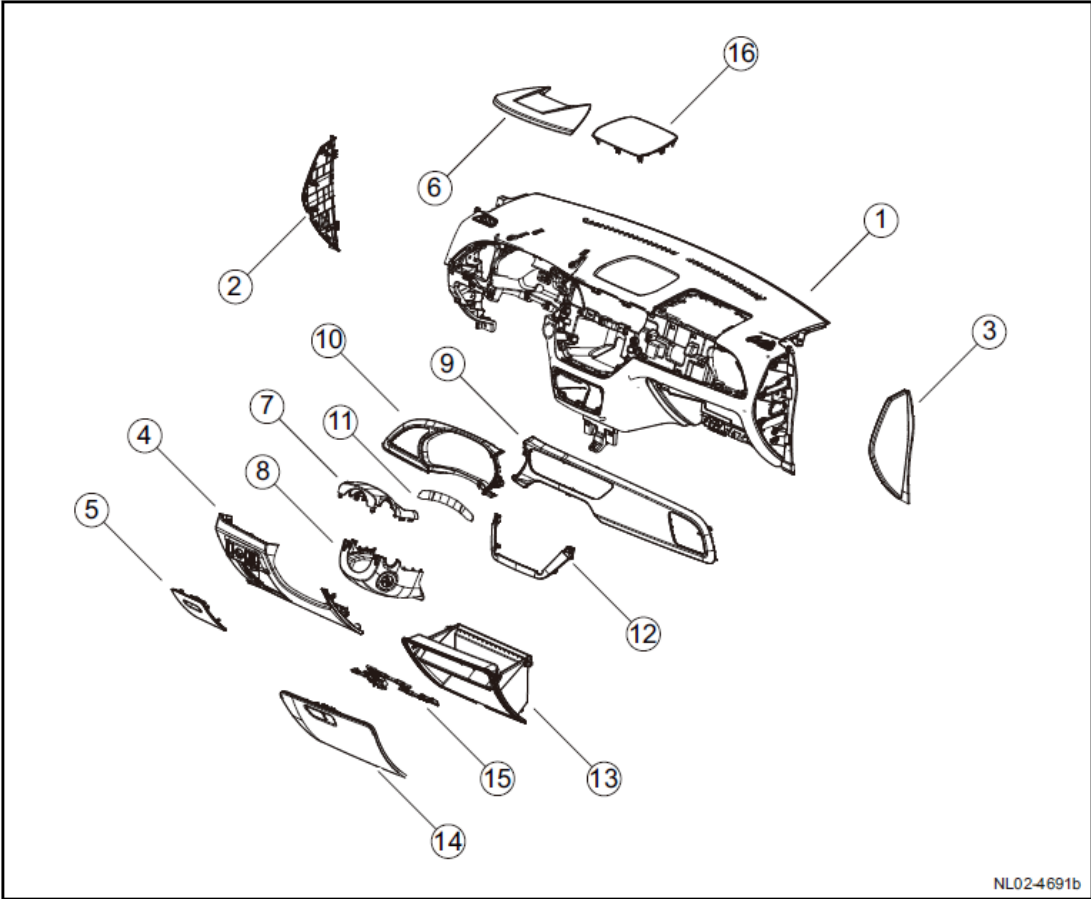


Dashboard

I、Summary

(I) Structure Overview

Dashboard Exposed Diagram



1. Dashboard assembly

3. Right end cover of dashboard

5. Indoor electrical box cover

7. Upper jacking of steering column

9. Central right side trim panel assembly

11. Decoration panel

13. Glove box assembly

15. Glove box lock assembly
2. Left end cover of dashboard

4. Lower guard panel assembly of driver’s side

6. Combination meter cover assembly

8. Lower jacking of steering column

10. Central left side trim panel assembly

12. Radio panel assembly

14. Exterior cover plate of glove box

16. Central cover plate assembly

(II) Torque Parameter

No.	Item	Torque （N·m）
1	Fixed bolt of lower guard panel of driver’s side	1.4
2	Fixed bolt of radio panel	1.4
3	Fixed bolt of front part of auxiliary dashboard	1.4
4	Fixed bolt of rear part and left/right side of auxiliary dashboard	5~7
5	Fixed nut of dashboard assembly	5~7

No.	Item	Torque (N·m)
6	Fixed bolt of dashboard assembly	5~7
7	Fixed nut of A/C main host and beam	5~7
8	Fixed bolt of beam	20
9	Fixed bolt of beam and front wall	20

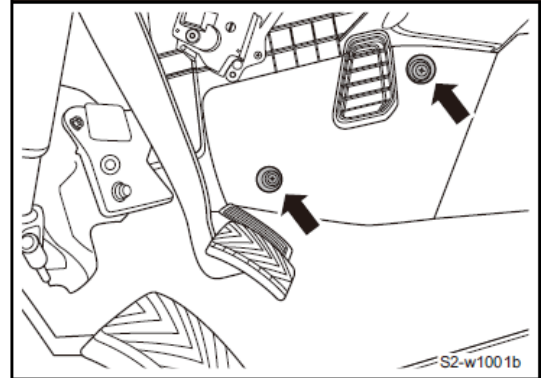
(III) Maintenance Note

- (1). Please observe the handling directions of airbag system strictly, or vehicle damage and personal injury may be caused.
- (2). Please dismantle the negative electrode of battery and keep waiting for at least one minutes before removing electric connections, otherwise damage to the vehicle will be caused.
- (3). Please protect the parts with cloth to prevent damage when dismantling and installing the components.
- (4). Please wrap the flat-blade of screwdriver with cloth when removing the metal clamp from the trimming
- (5). Please guard against damage of the body parts.
- (6). Make sure the clamps are fixed into plate hole of the vehicle body securely when installing body trim, and then carefully push them in.
- (7). Two people are needed when a person cannot complete the work of dismantling and installing some components in order to avoid falling.
- (8). Avoid overexertion when dismantling and installing some trims, which may cause deformation of parts.

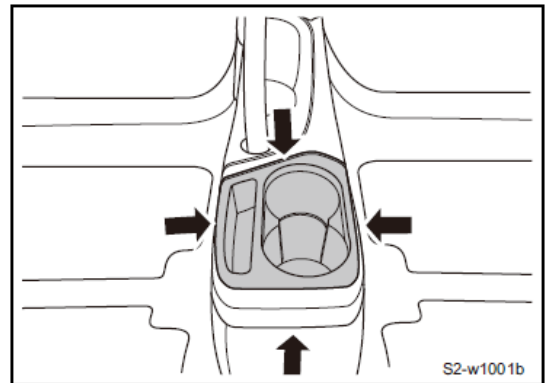
II、Auxiliary Dashboard Assembly

(I) Removal

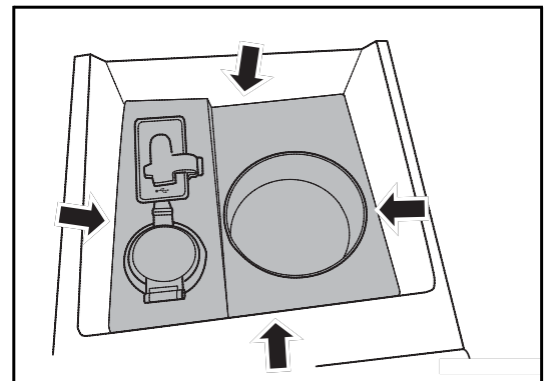
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly
 - 1). Remove 2 expansion buckles in both left and right extension plate;
 - 2). Disconnect connection of extension plate and auxiliary dashboard assembly, and take down extension plate;



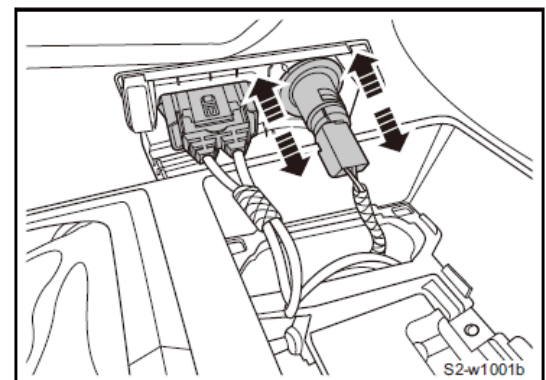
4. Remove saucer cover plate assembly
 - 1). Pry saucer cover plate assembly in rear part of auxiliary dashboard;



5. Remove front storage box assembly
 - 1). Pry storage box assembly in front part of auxiliary dashboard;

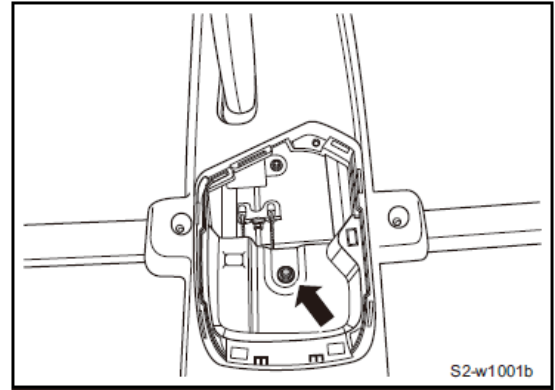


- 2). Disconnect wiring harness connector;
- 3). Take down front storage box assembly;

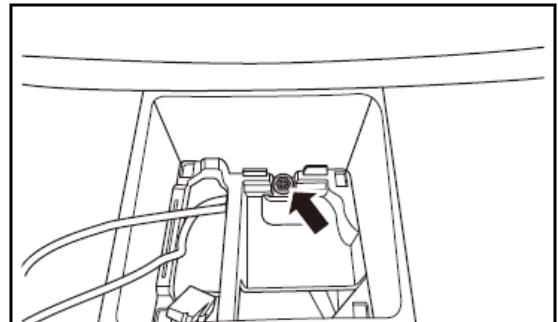


6. Remove auxiliary dashboard assembly

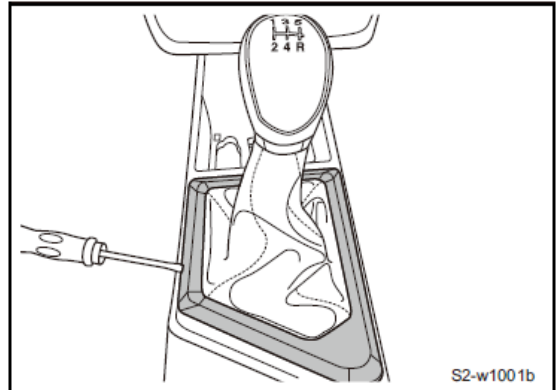
- 1). Remove fixed bolt below lower saucer cover plate;



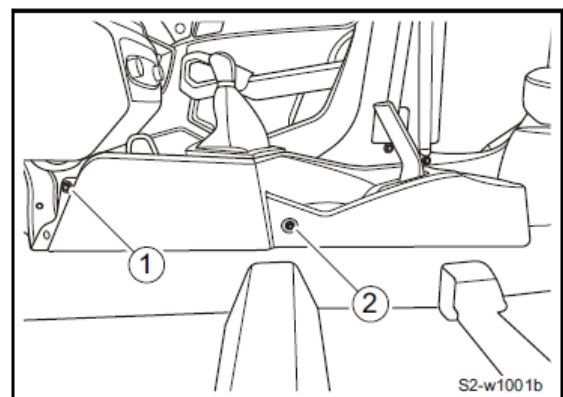
- 2). Remove fixed bolt below front storage box assembly;



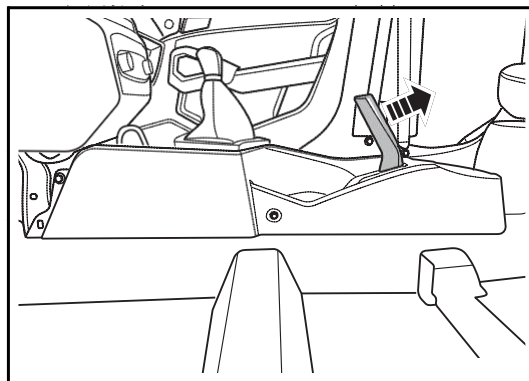
- 3). Disconnect connection of transmission operation panel and auxiliary dashboard;



- 4). Remove fixed bolt ① in both sides of front part of auxiliary dashboard and fixed bolt ② in both sides of middle part of auxiliary dashboard;



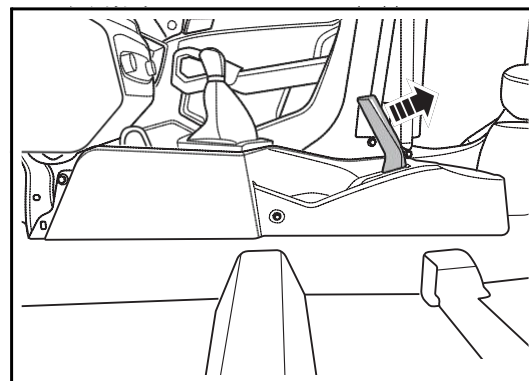
- 5). Pull manual brake rod to maximum angle, and take down auxiliary dashboard assembly;



(II) Installation

1. Install auxiliary dashboard assembly

- 1). Pull manual brake rod to maximum angle, and place auxiliary dashboard assembly to installation position;

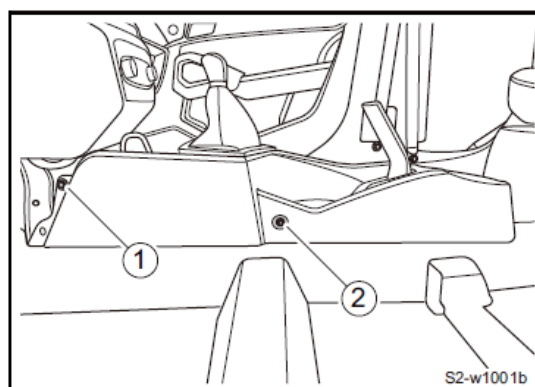


- 2). Tighten fixed bolt ① in both sides of front part of auxiliary dashboard ;

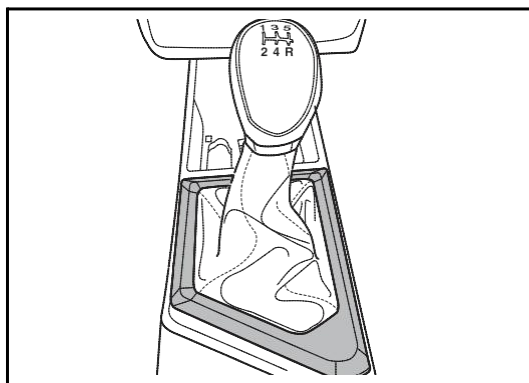
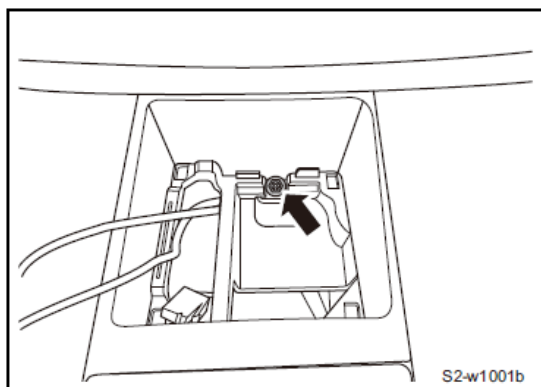
Tighten torque 1.4N m

- 3). Tighten fixed bolt ② in both sides of middle part of auxiliary dashboard;

Tighten torque 5~7N m

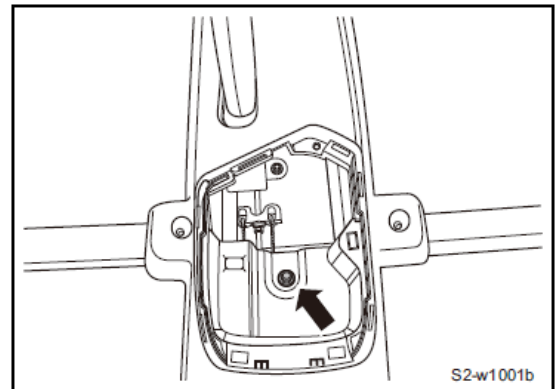


- 4). Connect connection of transmission operation panel and auxiliary dashboard;



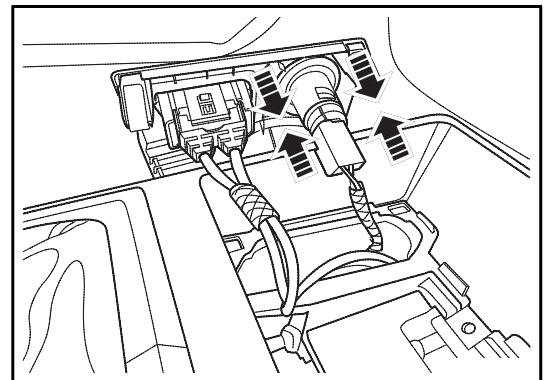
- 5). Tighten fixed bolt below front storage box assembly;
Tighten torque 1.4N m

- 6). Tighten fixed bolt below saucer cover plate;
Tighten torque 5~7N m



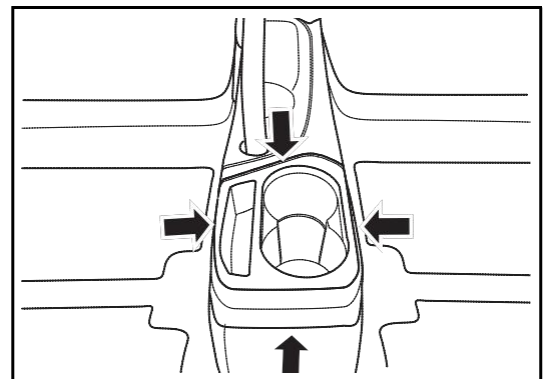
2. Install front storage box assembly

- 1). Connect storage box wiring harness, place storage box to installation position and tighten buckles;

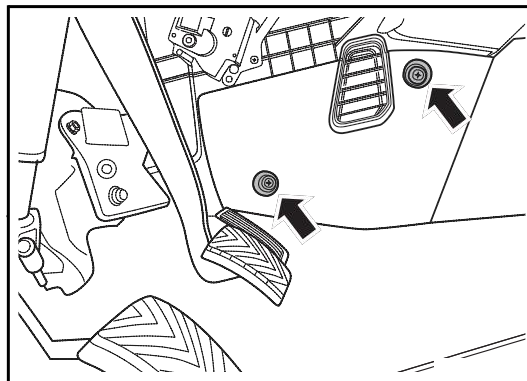


3. Install saucer cover plate assembly

- 1). Place saucer cover plate to installation position and tighten buckles;



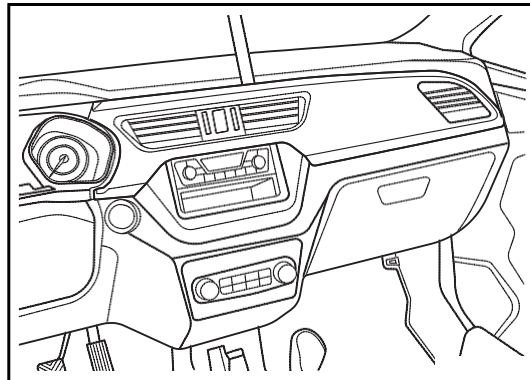
4. Install front extension plate assembly
 - 1). Place front extension plate to installation position;
 - 2). Tighten 2 expansion buckles in both sides of left and right extension plate;
5. Connect battery negative electrode
6. Close engine compartment cover



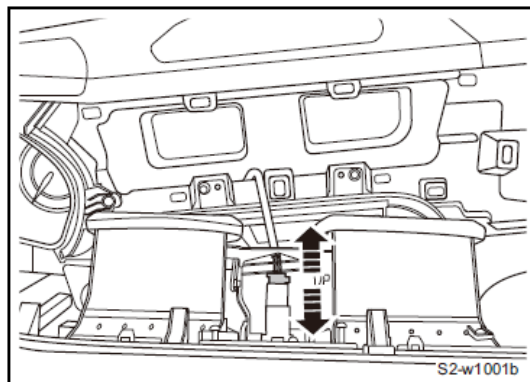
III、Central Right Side Trim Panel Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly
 - 1). Pry buckles connecting central right side trim panel assembly and dashboard assembly;

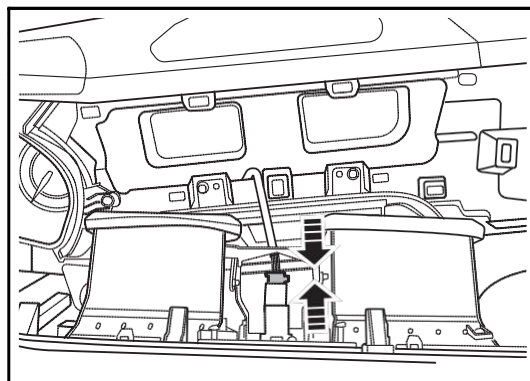


- 2). Disconnect wiring harness connector, and take down central right side trim panel assembly;



(II) Installation

1. Install central right side trim panel assembly
 - 1). Connect wiring harness connector;
 - 2). Place central right side trim panel assembly to installation, and tighten buckles;

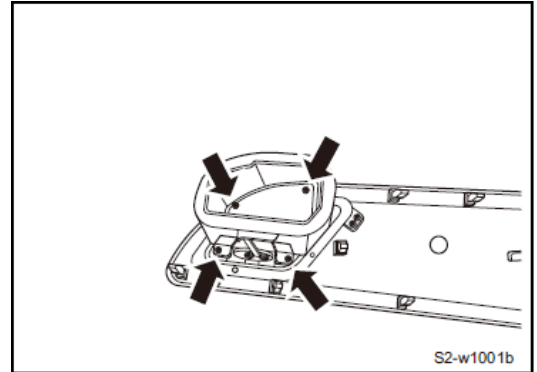


2. Connect battery negative electrode
3. Close engine compartment cover

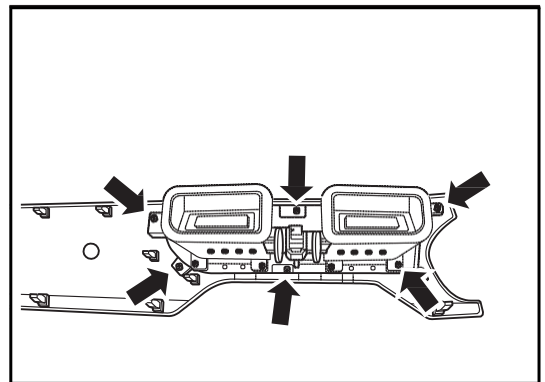
IV、Central Right Side Trim Panel Assembly

(I) Removal

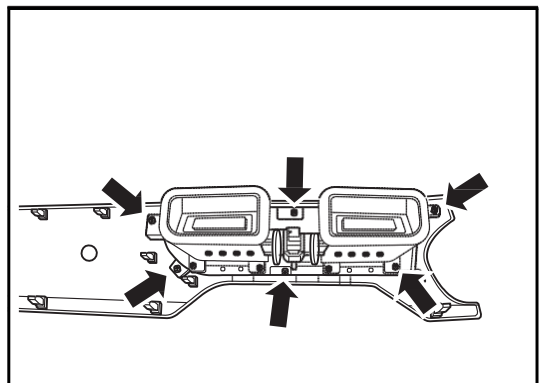
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Remove central right side trim panel assembly"
4. Remove central right side trim panel assembly
 - 1). Remove 4 fixed bolts of central right side trim panel assembly and right side air outlet port assembly;
 - 2). Take down right side air outlet port assembly;



- 3). Remove 6 fixed bolts of central right side trim panel assembly and central air outlet port assembly;

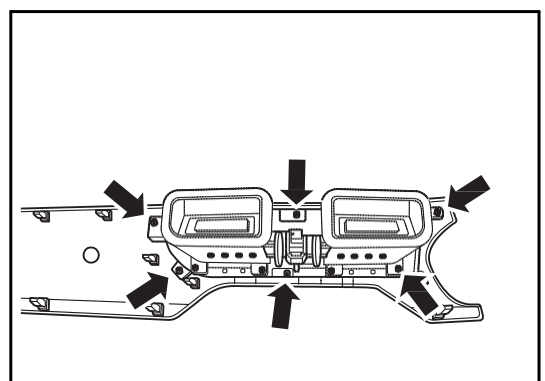


- 4). Pry buckles connecting central right side trim panel assembly and central air outlet port assembly;
- 5). Take down central right side trim panel assembly;



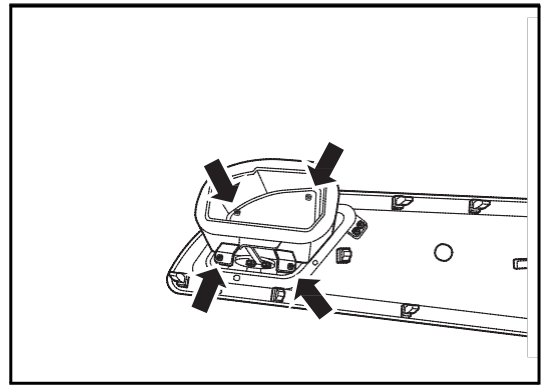
(II) Installation

1. Install central right side trim panel assembly
 - 1). Connect buckles connecting central right side trim panel assembly and central air outlet port assembly;
 - 2). Tighten 6 fixed bolts of central right side trim panel assembly and central air outlet port assembly;



- 3). Connect buckles connecting central right side trim panel assembly and right side air outlet port assembly;
- 4). Tighten 4 fixed bolts of central right side trim panel assembly and right side air outlet port assembly;

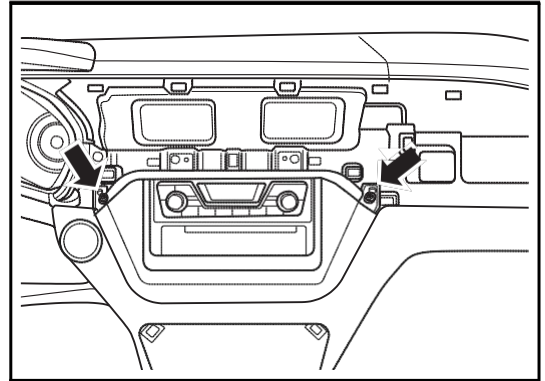
2. Install central right side trim panel assembly
3. Connect battery negative electrode
4. Close engine compartment cover



V、Radio Panel Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
4. Remove radio panel assembly
 - 1). Remove fixed bolt in left/right side of radio panel;
 - 2). Pry buckles of radio panel assembly and dashboard assembly, and take down radio panel assembly;

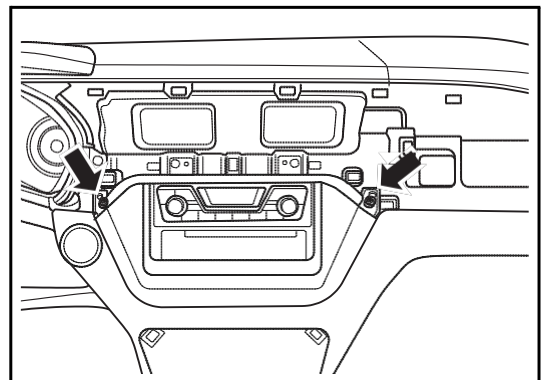


(II) Installation

1. Install radio panel assembly
 - 1). Place radio panel assembly to installation position and tighten buckles;
 - 2). Tighten fixed bolts in left and right side of radio panel assembly;

Tighten torque 1.4N m

2. Install central right side trim panel assembly
3. Connect battery negative electrode
4. Close engine compartment cover

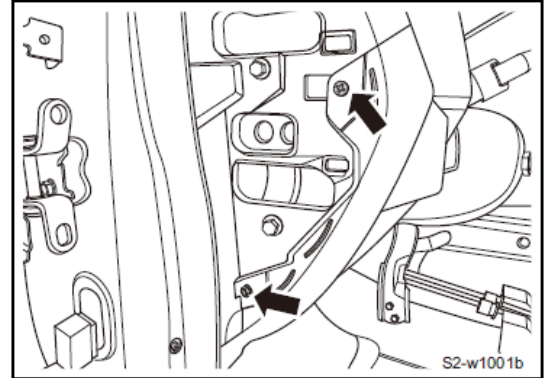


VI、 Lower Guard Panel Assembly of Driver's Side

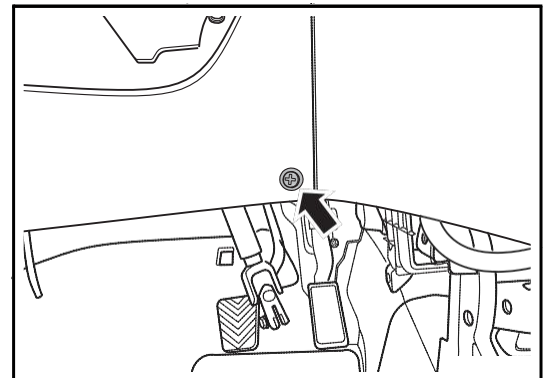
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove end cover of dashboard(left) Refer to ""end cover of dashboard
4. Remove lower guard panel assembly of driver's side

- 1). Remove left side 2 fixed bolts of lower guard panel assembly of driver's side;

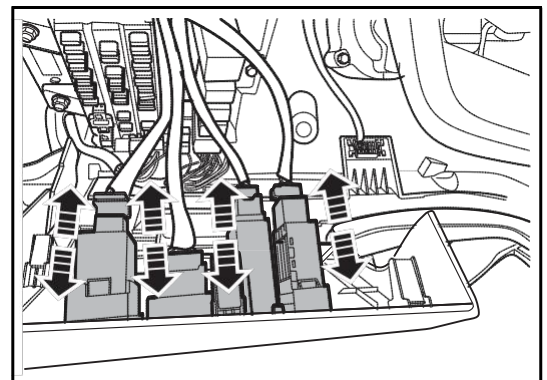


- 2). Remove lower part fixed bolt of right side of lower guard panel assembly of driver's side;



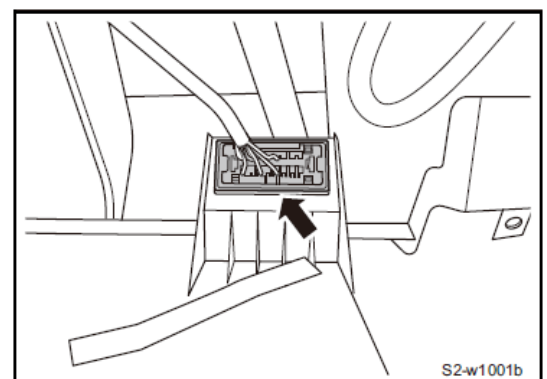
- 3). Pry buckles connecting lower guard panel assembly of driver's side and dashboard assembly;

- 4). In order from left to right, disconnect wiring harness connector of headlight regulating switch, rearview mirror regulating switch, light regulating switch, ESP switch;



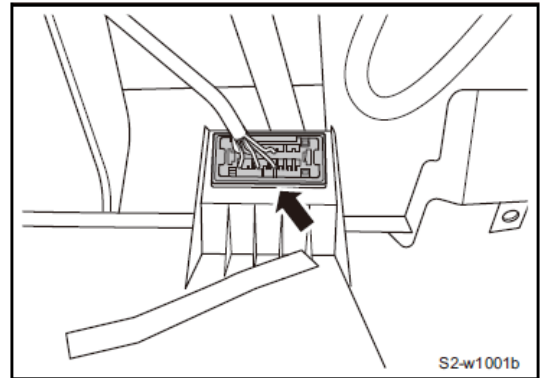
- 5). Disconnect connection of OBD diagnosis wiring harness and lower guard panel of driver's side;

- 6). Take down lower guard panel assembly of driver's side.

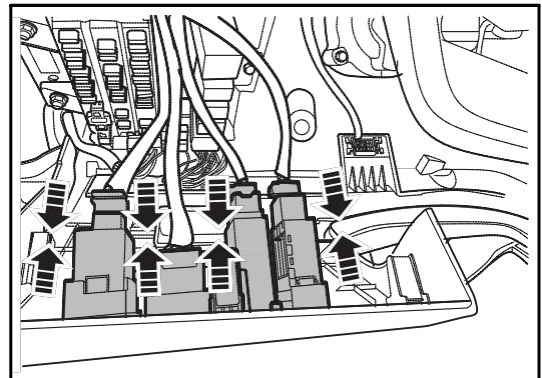


(II) Installation

1. Install lower guard panel assembly of driver's side
 - 1). Connect connection of OBD diagnosis wiring harness and lower guard panel of driver's side;

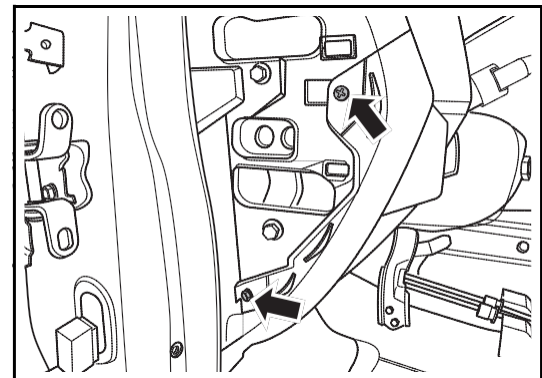


- 2). In order from left to right, connect wiring harness connector of headlight regulating switch, rearview mirror regulating switch, light regulating switch, ESP switch;



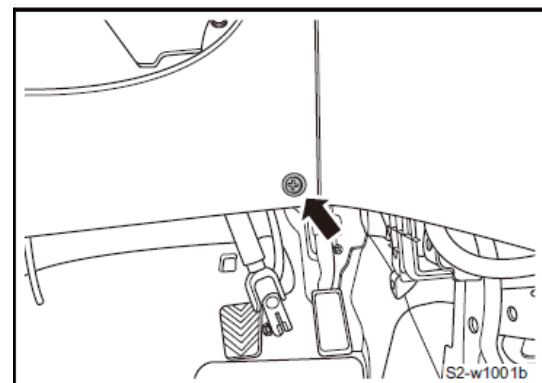
- 3). Place lower guard panel of driver's side to installation position, and tighten buckles connecting dashboard;
- 4). Tighten 2 fixed bolts of left side of lower guard panel of driver's side;

Tighten torque 1.4N m



- 5). Tighten lower part fixed bolt of right side of lower guard panel assembly of driver's side;

Tighten torque 1.4N m

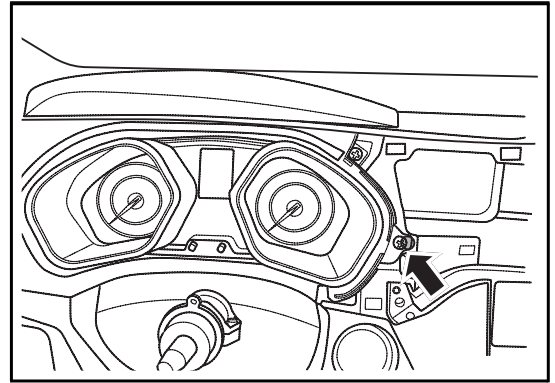


2. Install end cover of dashboard(left)
3. Connect battery negative electrode
4. Close engine compartment cover

VII、Central Left Side Trim Panel Assembly

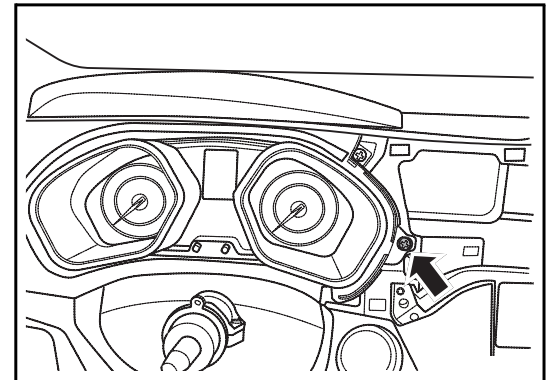
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
4. Remove end cover of dashboard(left) Refer to "End cover of dashboard"
5. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
6. Remove central left side trim panel assembly
 - 1). Remove fixed bolt of central left side trim panel assembly and dashboard assembly;
 - 2). Pry buckles connecting central left side trim panel assembly and dashboard assembly, and take down trim panel assembly;



(II) Installation

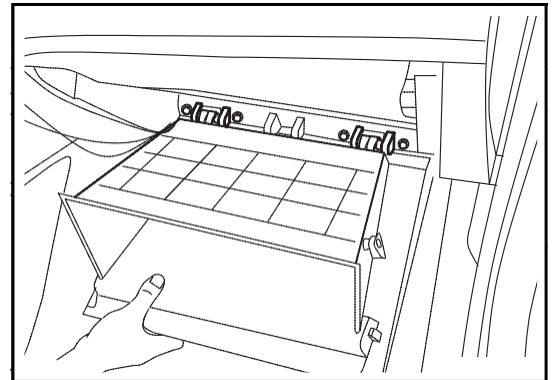
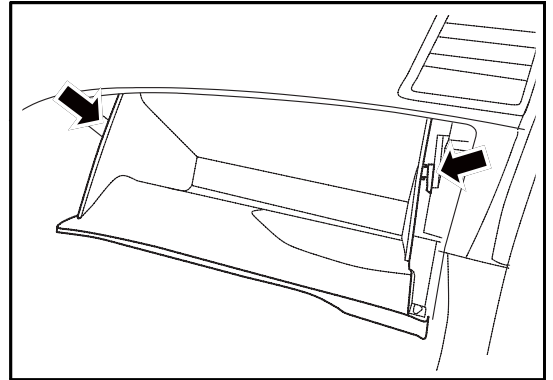
1. Install central left side trim panel assembly
 - 1). Place central left side trim panel assembly to installation position, and tighten buckles;
 - 2). Tighten fixed bolt of trim panel and dashboard assembly;
Tighten torque 1.4N m
2. Install lower guard panel assembly of driver's side
3. Install end cover of dashboard(left)
4. Install central right side trim panel assembly
5. Connect battery negative electrode
6. Close engine compartment cover



VIII、Glove Box Assembly

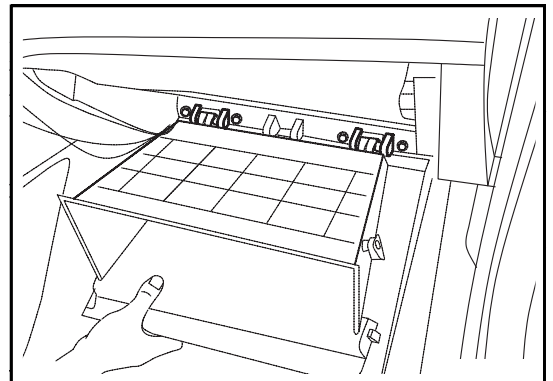
(I) Removal

1. Remove glove box assembly
 - 1). Open glove box to maximum angle, pull side wall of glove box and pull out to make stop cylinder slip out;
 - 2). Place glove box flat, and pull glove box from opening port of dashboard;

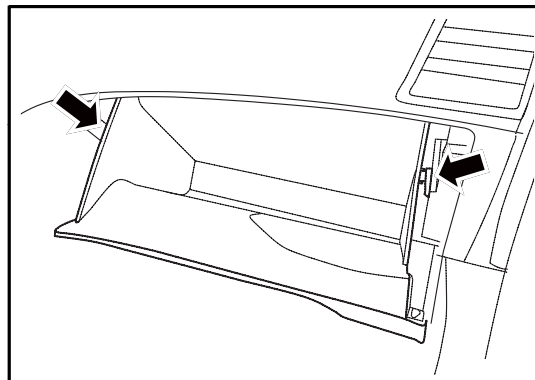


(II) Installation

1. Install glove box assembly
 - 1). Place glove box flat, make direction of rotation shaft opening of glove box is the same with rotation shaft of glove box, push glove box forward, and make rotation shaft of glove box into rotation shaft opening of glove box;



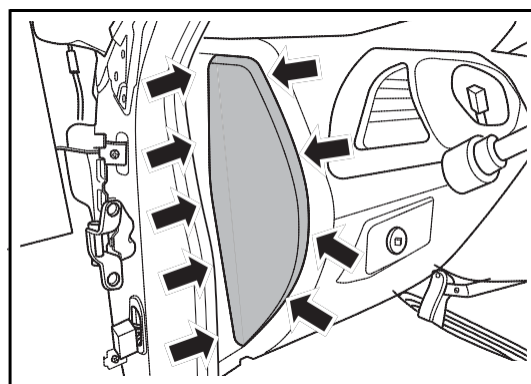
- 2). Rotate glove box upward, install left/right side opening buffer cushion of glove box when opening of glove box is about 100mm;



IX、End Cover of Dashboard

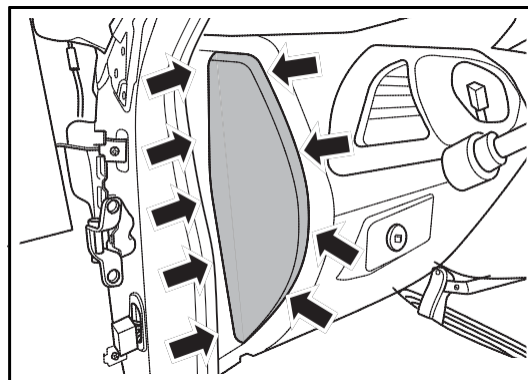
(I) Removal

2. Remove end cover of dashboard
 - 1). Pry connection of end cover of dashboard and dashboard assembly, and take down end cover of dashboard;



(II) Installation

1. Install end cover of dashboard
 - 1). Place end cover of dashboard to installation position, and tighten buckles;
2. Install door frame rubber strip of front side vehicle door
3. Install front door threshold guard assembly

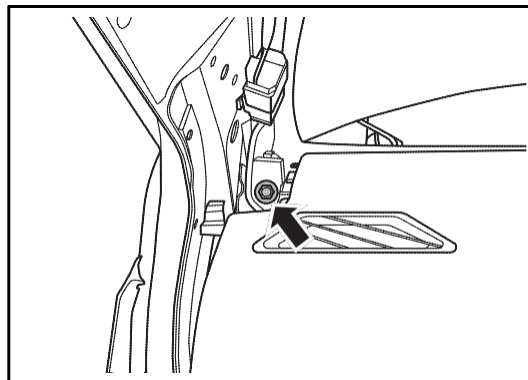


X、Dashboard Assembly

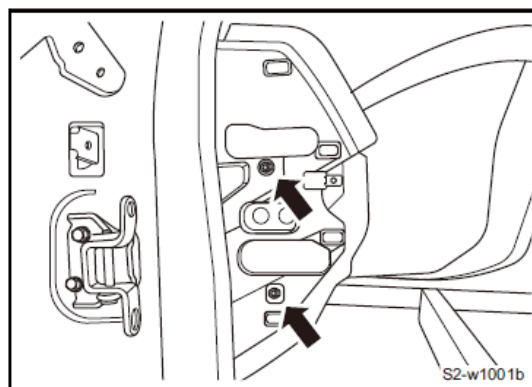
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing Refer to "Steering column jacketing"
10. Remove clock spring Refer to "Clock spring"
11. Remove combination switch assembly Refer to "Combination switch assembly"
12. Remove front door threshold guard assembly(left/right) Refer to "Front door threshold guard assembly"
13. Remove lower trim panel assembly of A pillar(left/right) Refer to "Lower trim panel assembly of A pillar"
14. Remove upper trim panel assembly of A pillar(left/right) Refer to "Upper trim panel assembly of A pillar"
15. Remove end cover of dashboard(left/right) Refer to "End cover of dashboard"
16. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
17. Remove glove box assembly Refer to "Glove box assembly"
18. Remove A/C controller assembly Refer to "A/C controller assembly"
19. Remove radio panel assembly Refer to "Radio panel assembly"
20. Remove radio assembly Refer to "Radio assembly"
21. Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
22. Remove combination meter assembly Refer to "Combination meter assembly"
23. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
24. Remove front passenger's air bag assembly Refer to "Front passenger's air bag assembly"
25. Remove dashboard assembly

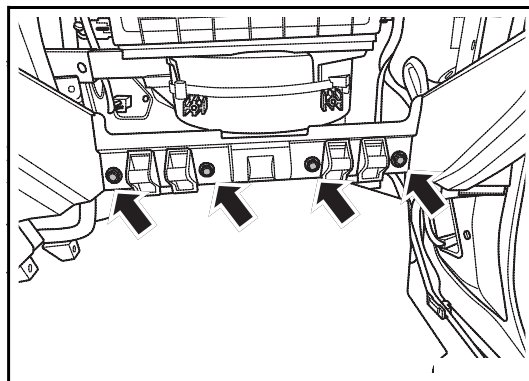
- 1). Remove left and right fixed bolts in upper part of dashboard assembly;



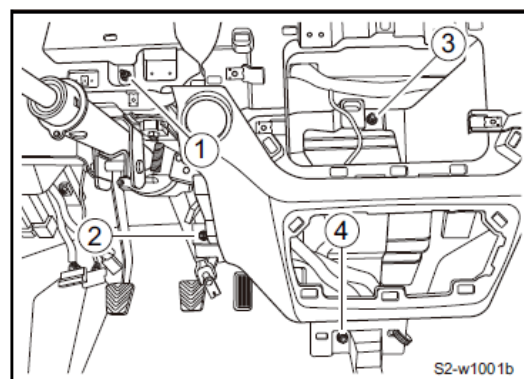
- 2). Remove left and right side fixed bolts of dashboard assembly;



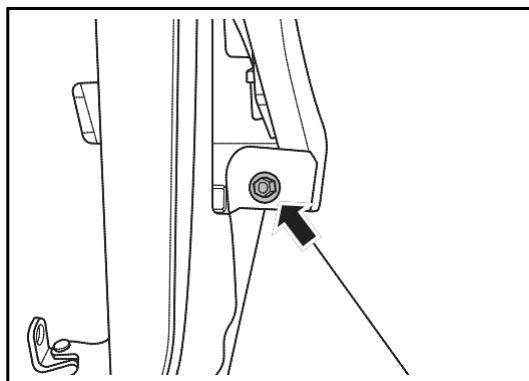
- 3). Remove right side lower part 4 fixed bolts of dashboard assembly;



- 4). Remove lower fixed bolt ④ in middle part of dashboard assembly, lower left fixed bolt ② in middle part of dashboard assembly, and fixed nut ③ below radio assembly, fixed nut ① below combination meter;



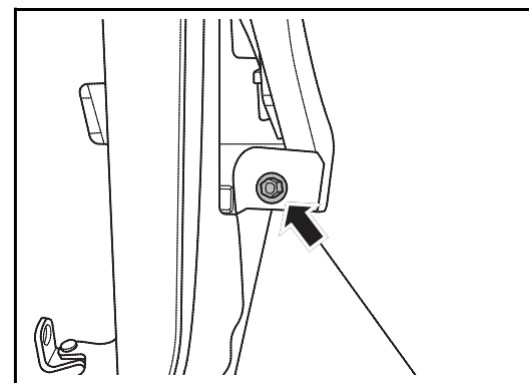
- 5). Remove left side lower part fixed bolt of dashboard assembly;
6). Disconnect connection of dashboard assembly, and take down dashboard assembly;



(II) Installation

1. Install dashboard assembly
1). Place dashboard assembly to installation position;
2). Tighten left side lower part fixed bolt of dashboard assembly;

Tighten torque 5~7N m



- 3). Tighten lower fixed bolt ④ in middle part of dashboard assembly;

Tighten torque 5~7N·m

- 4). Tighten lower left fixed bolt ② in middle part of dashboard assembly;

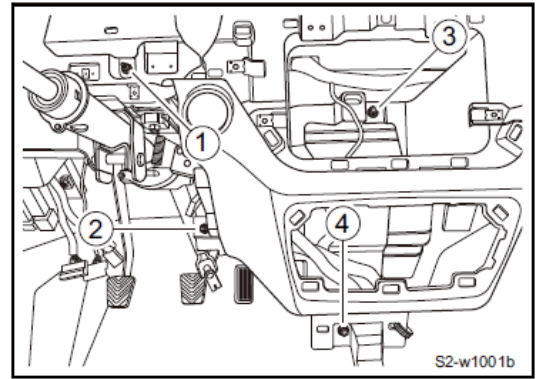
Tighten torque 5~7N·m

- 5). Tighten fixed nut ③ below radio assembly;

Tighten torque 5~7N·m

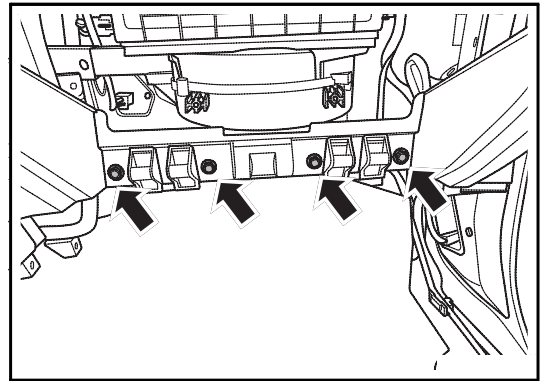
- 6). Tighten fixed nut ① below combination meter;

Tighten torque 5~7N·m



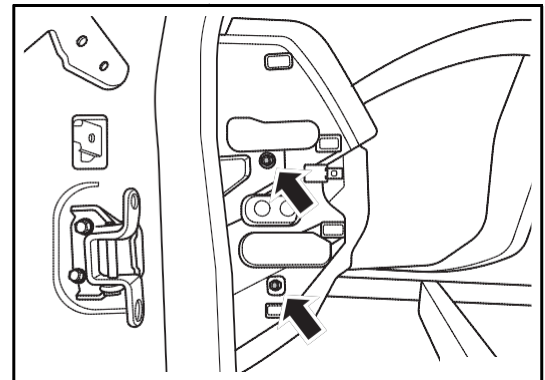
- 7). Tighten right lower 4 fixed bolts of dashboard assembly;

Tighten torque 5~7N·m



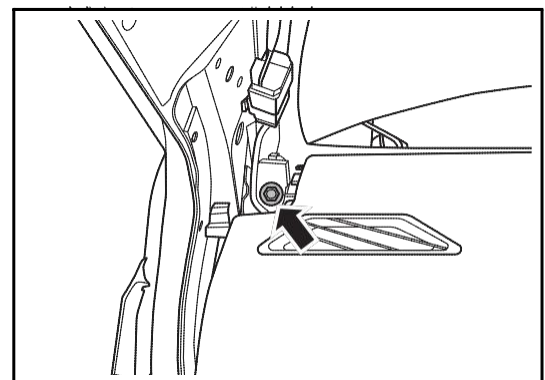
- 8). Tighten 2 fixed bolts in left and right side of dashboard assembly;

Tighten torque 5~7N·m



- 9). Tighten left/right side fixed bolt in upper part of dashboard assembly;

Tighten torque 5~7N·m



2. Install front passenger's air bag assembly
3. Install lower guard panel assembly of driver's side
4. Install combination meter assembly
5. Install central left side trim panel assembly
6. Install radio assembly

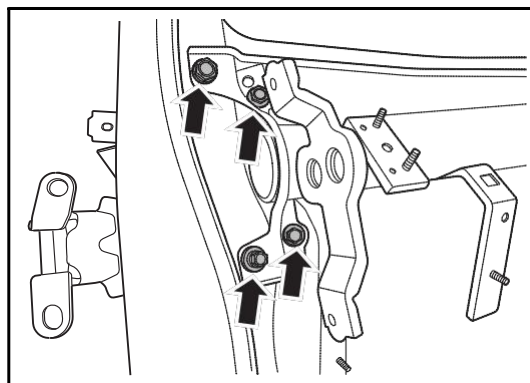
7. Install radio panel assembly
8. Install A/C controller assembly
9. Install glove box assembly
10. Install central right side trim panel assembly
11. Install end cover of dashboard (left/right)
12. Install upper trim panel assembly of A pillar (left/right)
13. Install lower trim panel assembly of A pillar (left/right)
14. Install front door threshold guard assembly (left/right)
15. Install combination switch assembly
16. Install clock spring
17. Install steering column jacketing
18. Install steering wheel assembly
19. Install driver's air bag assembly
20. Install auxiliary dashboard assembly
21. Install front storage box assembly
22. Install saucer cover plate assembly
23. Install front extension plate assembly
24. Connect battery negative electrode
25. Close engine compartment cover

XI、Dashboard Beam

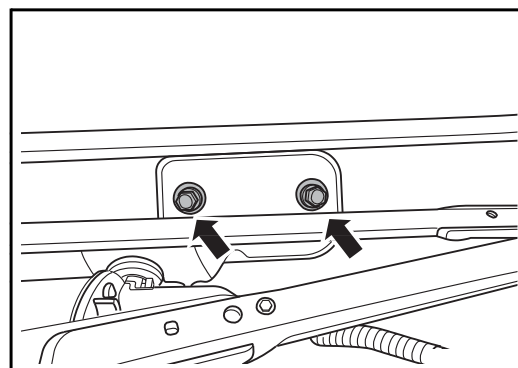
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing Refer to "Steering column jacketing"
10. Remove clock spring Refer to "Clock spring"
11. Remove combination switch assembly Refer to "Combination switch assembly"
12. Remove front door threshold guard assembly(left/right) Refer to "Front door threshold guard assembly"
13. Remove lower trim panel assembly of A pillar(left/right) Refer to "Lower trim panel assembly of A pillar"
14. Remove upper trim panel assembly of A pillar(left/right) Refer to "Upper trim panel assembly of A pillar"
15. Remove end cover of dashboard(left/right) Refer to "End cover of dashboard"
16. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
17. Remove glove box assembly Refer to "Glove box assembly"
18. Remove A/C controller assembly Refer to "A/C controller assembly"
19. Remove radio panel assembly Refer to "Radio panel assembly"
20. Remove radio assembly Refer to "Radio assembly"
21. Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
22. Remove combination meter assembly Refer to "Combination meter assembly"
23. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
24. Remove front passenger's air bag assembly Refer to "Front passenger's air bag assembly"
25. Remove dashboard assembly Refer to "Dashboard assembly"
26. Remove front wiper arm assembly Refer to "Front wiper arm assembly"
27. Remove ventilation cover plate assembly Refer to "Ventilation cover plate assembly"
28. Remove dashboard beam

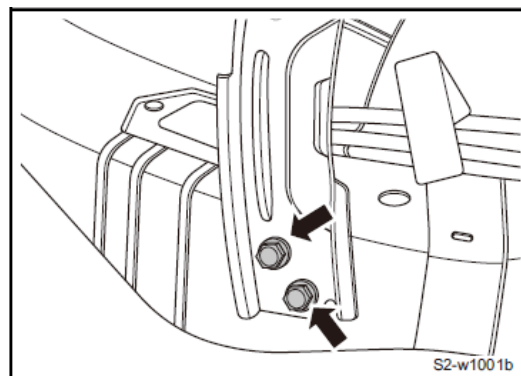
- 1). Remove 4 fixed bolts connecting dashboard beam and vehicle body metal sheet;



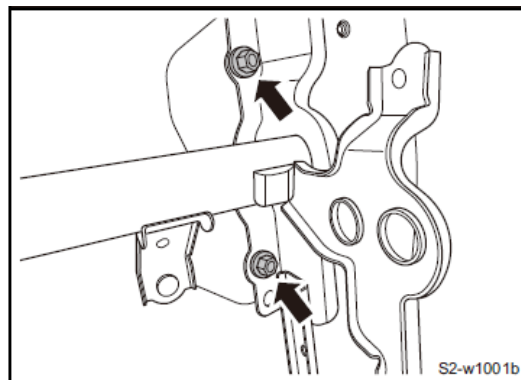
- 2). Remove 2 fixed bolts connecting and front wall from outside of front wall;



- 3). Remove 2 fixed bolts connecting middle lower part of dashboard beam and floor;



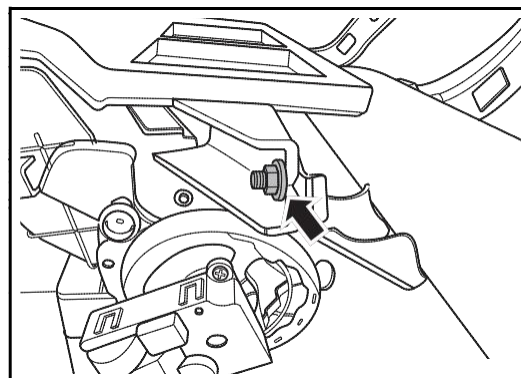
- 4). Remove 2 fixed bolts connecting dashboard beam and vehicle body metal sheet;



- 5). Remove 5 fixed nuts connecting dashboard beam and A/C main host assembly;

- 6). Remove 4 fixed nuts connecting indoor electrical box and dashboard beam, remove fixed bolt connecting main wiring harness grounding point and dashboard beam, and separate main wiring harness and dashboard beam;

- 7). Take down dashboard beam;



(II) Installation

1. Install dashboard beam

- 1). Place dashboard beam to installation position;
- 2). Install fixed bolt connecting main wiring harness grounding point and dashboard beam, and install 4 fixed nuts connecting indoor electrical box and dashboard beam;

Tighten torque 5~7N·m

- 3). Tighten 5 fixed nuts connecting dashboard beam and A/C main host assembly;

Tighten torque 5~7N·m

- 4). Tighten 2 fixed bolts connecting right side of dashboard beam and vehicle body metal sheet;

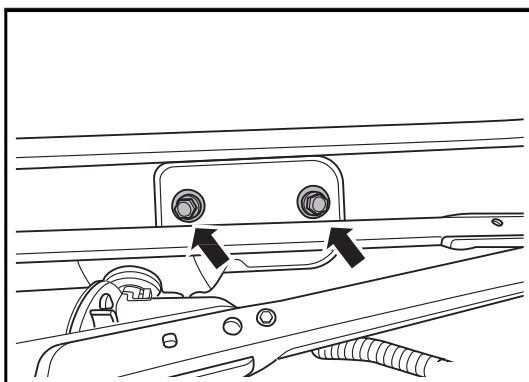
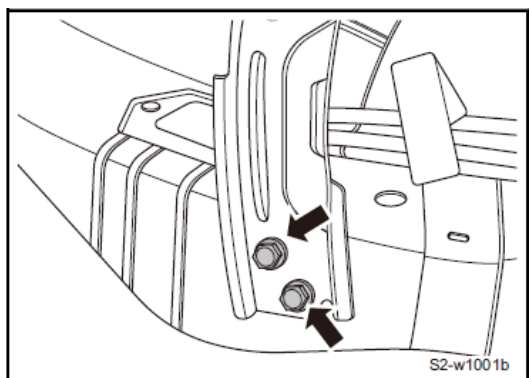
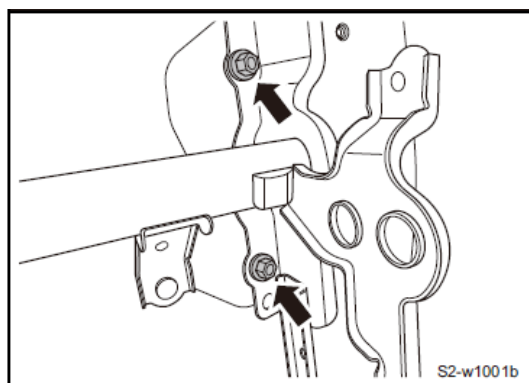
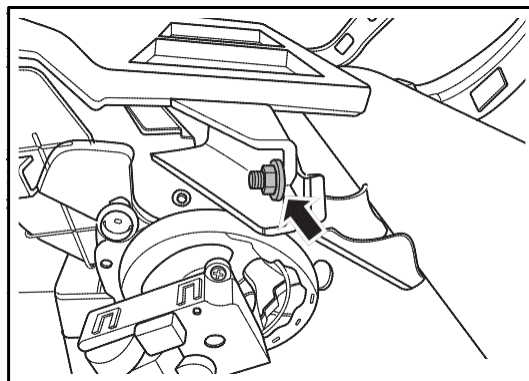
Tighten torque 20N·m

- 5). Tighten 2 fixed bolts connecting middle lower part of dashboard beam and floor;

Tighten torque 20N·m

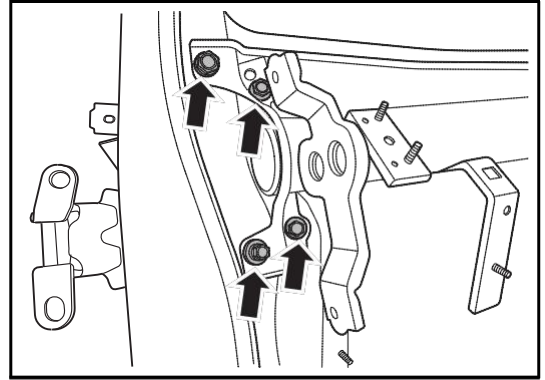
- 6). Tighten 2 fixed bolts connecting and front wall from outside of front wall;

Tighten torque 20N·m



- 7). Tighten 4 fixed bolts connecting dashboard beam and vehicle body metal sheet;

Tighten torque 20N·m

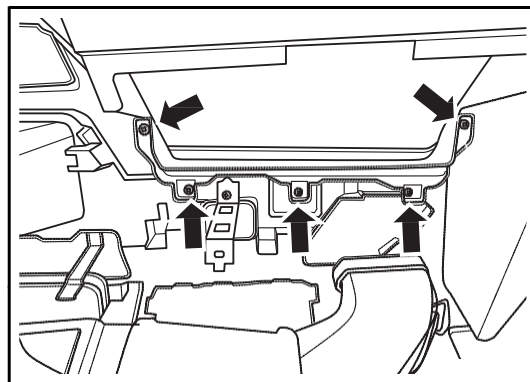


2. Install ventilation cover plate assembly
3. Install front wiper arm assembly
4. Install dashboard assembly
5. Install front passenger's air bag assembly
6. Install lower guard panel assembly of driver's side
7. Install combination meter assembly
8. Install central left side trim panel assembly
9. Install radio assembly
10. Install radio panel assembly
11. Install A/C controller assembly
12. Install glove box assembly
13. Install central right side trim panel assembly
14. Install end cover of dashboard(left/right)
15. Install upper trim panel assembly of A pillar(left/right)
16. Install lower trim panel assembly of A pillar(left/right)
17. Install front door threshold guard assembly(left/right)
18. Install combination switch assembly
19. Install clock spring
20. Install steering column jacketing
21. Install steering wheel assembly
22. Install driver's air bag assembly
23. Install auxiliary dashboard assembly
24. Install front storage box assembly
25. Install saucer cover plate assembly
26. Install front extension plate assembly
27. Connect battery negative electrode
28. Close engine compartment cover

XII、Inner Guard Panel of Glove Box

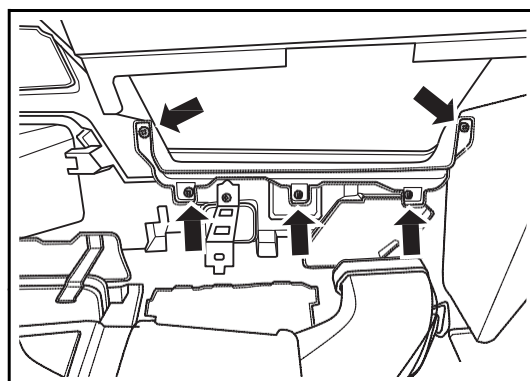
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing Refer to "Steering column jacketing"
10. Remove clock spring Refer to "Clock spring"
11. Remove combination switch assembly Refer to "Combination switch assembly"
12. Remove front door threshold guard assembly(left/right) Refer to "Front door threshold guard assembly"
13. Remove lower trim panel assembly of A pillar(left/right) Refer to "Lower trim panel assembly of A pillar"
14. Remove upper trim panel assembly of A pillar(left/right) Refer to "Upper trim panel assembly of A pillar"
15. Remove end cover of dashboard(left/right) Refer to "End cover of dashboard"
16. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
17. Remove glove box assembly Refer to "Glove box assembly"
18. Remove A/C controller assembly Refer to "A/C controller assembly"
19. Remove radio panel assembly Refer to "Radio panel assembly"
20. Remove radio assembly Refer to "Radio assembly"
21. Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
22. Remove combination meter assembly Refer to "Combination meter assembly"
23. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
24. Remove front passenger's air bag assembly Refer to "Front passenger's air bag assembly"
25. Remove dashboard assembly Refer to "Dashboard assembly"
26. Remove inner guard panel of glove box
 - 1). Remove 5 fixed bolts connecting inner guard panel of glove box and dashboard assembly;
 - 2). Take down inner guard panel of glove box



(II) Installation

1. Install inner guard panel of glove box
 - 1). Place inner guard panel of glove box to installation position, and tighten 5 fixed bolts;

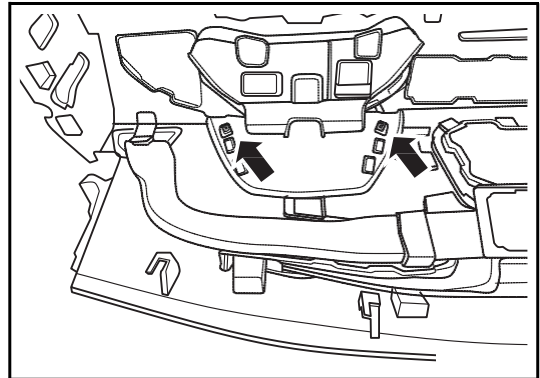


2. Install dashboard assembly
3. Install front passenger's air bag assembly
4. Install lower guard panel assembly of driver's side
5. Install combination meter assembly
6. Install central left side trim panel assembly
7. Install radio assembly
8. Install radio panel assembly
9. Install A/C controller assembly
10. Install glove box assembly
11. Install central right side trim panel assembly
12. Install end cover of dashboard(left/right)
13. Install upper trim panel assembly of A pillar(left/right)
14. Install lower trim panel assembly of A pillar(left/right)
15. Install front door threshold guard assembly(left/right)
16. Install combination switch assembly
17. Install clock spring
18. Install steering column jacketing
19. Install steering wheel assembly
20. Install driver's air bag assembly
21. Install auxiliary dashboard assembly
22. Install front storage box assembly
23. Install saucer cover plate assembly
24. Install front extension plate assembly
25. Connect battery negative electrode
26. Close engine compartment cover

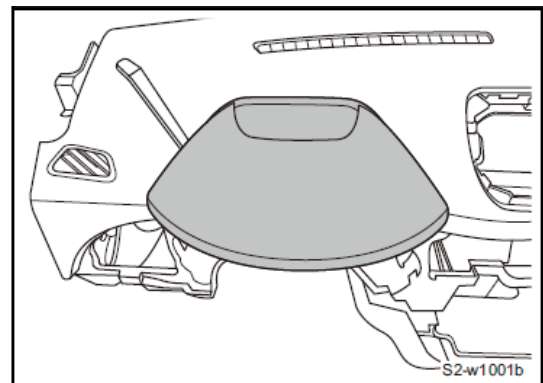
XIII、Combination Meter Cover Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
4. Remove end cover of dashboard(left) Refer to "End cover of dashboard"
5. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
6. Remove central left side trim panel assembly Refer to "Remove central left side trim panel assembly"
7. Remove combination meter assembly Refer to "Combination meter assembly"
8. Remove combination meter cover assembly
 - 1). Remove 2 fixed bolts connecting combination meter cover assembly and dashboard assembly;

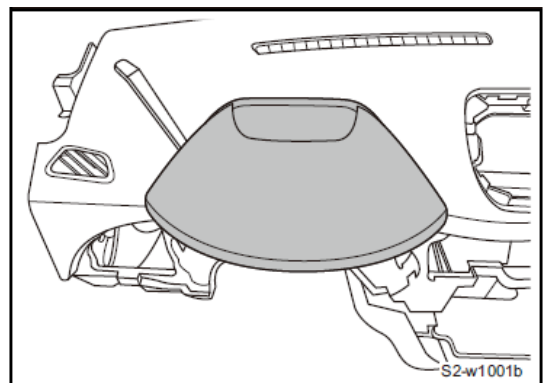


- 2). Pry combination meter cover assembly, disconnect connection of combination meter cover assembly and dashboard assembly, and take down combination meter cover assembly;

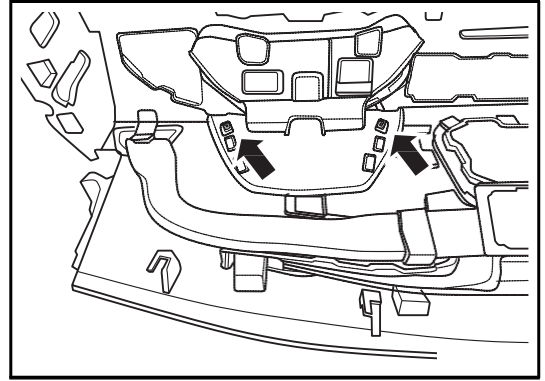


(II) Installation

1. Install combination meter cover assembly
 - 1). Place combination meter cover assembly to installation position, and tighten buckles;



- 2). Tighten 2 fixed bolts connecting combination meter cover assembly and dashboard assembly;



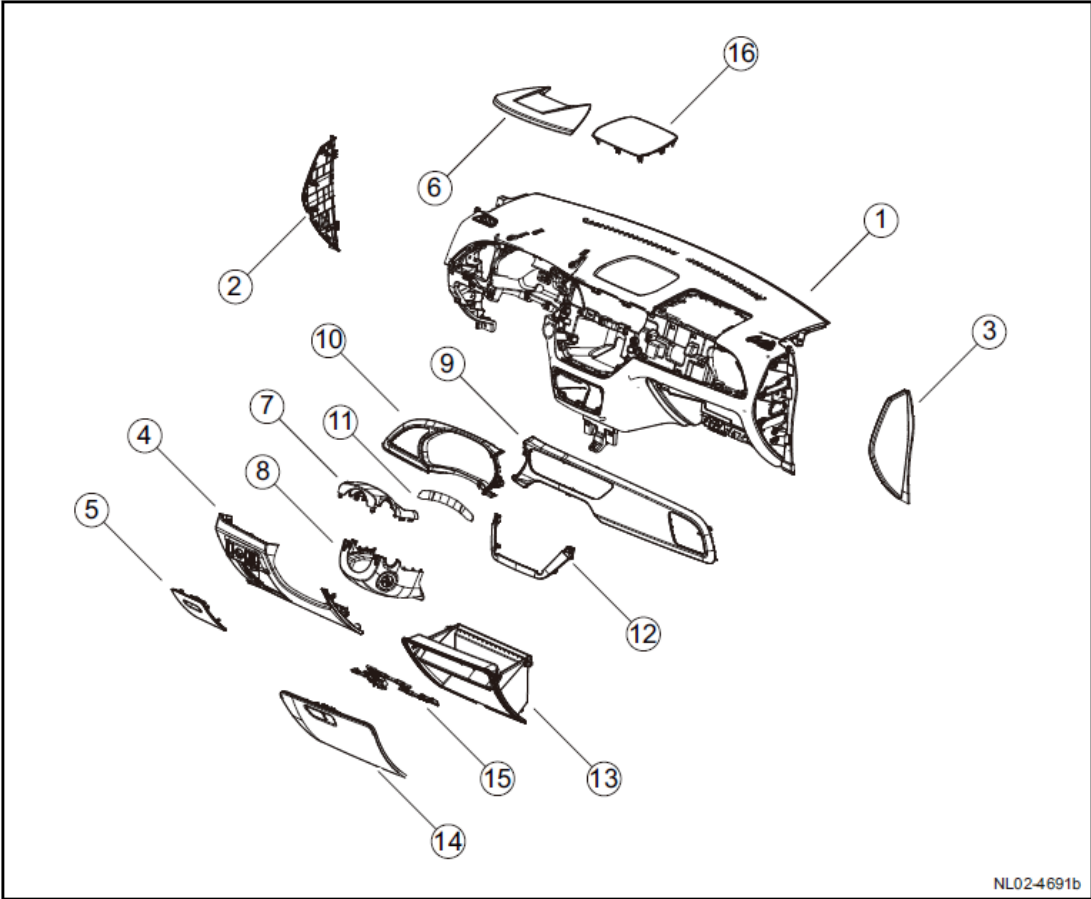
2. Install combination meter assembly
3. Install central left side trim panel assembly
4. Install lower guard panel assembly of driver's side
5. Install end cover of dashboard(left)
6. Install central right side trim panel assembly
7. Connect battery negative electrode
8. Close engine compartment cover

Dashboard

I、Summary

(I) Structure Overview

Dashboard Exposed Diagram



1. Dashboard assembly

3. Right end cover of dashboard

5. Indoor electrical box cover

7. Upper jacking of steering column

9. Central right side trim panel assembly

11. Decoration panel

13. Glove box assembly

15. Glove box lock assembly
2. Left end cover of dashboard

4. Lower guard panel assembly of driver’s side

6. Combination meter cover assembly

8. Lower jacking of steering column

10. Central left side trim panel assembly

12. Radio panel assembly

14. Exterior cover plate of glove box

16. Central cover plate assembly

(II) Torque Parameter

No.	Item	Torque （N·m）
1	Fixed bolt of lower guard panel of driver’s side	1.4
2	Fixed bolt of radio panel	1.4
3	Fixed bolt of front part of auxiliary dashboard	1.4
4	Fixed bolt of rear part and left/right side of auxiliary dashboard	5~7
5	Fixed nut of dashboard assembly	5~7

No.	Item	Torque (N·m)
6	Fixed bolt of dashboard assembly	5~7
7	Fixed nut of A/C main host and beam	5~7
8	Fixed bolt of beam	20
9	Fixed bolt of beam and front wall	20

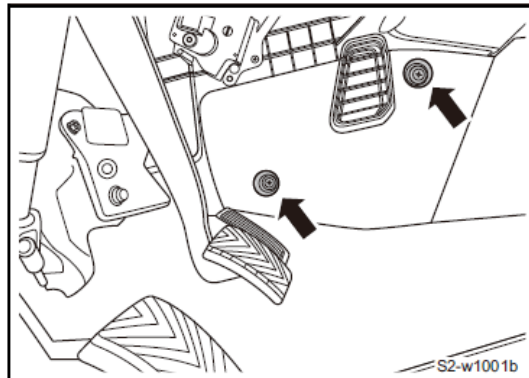
(III) Maintenance Note

- (1). Please observe the handling directions of airbag system strictly, or vehicle damage and personal injury may be caused.
- (2). Please dismantle the negative electrode of battery and keep waiting for at least one minutes before removing electric connections, otherwise damage to the vehicle will be caused.
- (3). Please protect the parts with cloth to prevent damage when dismantling and installing the components.
- (4). Please wrap the flat-blade of screwdriver with cloth when removing the metal clamp from the trimming
- (5). Please guard against damage of the body parts.
- (6). Make sure the clamps are fixed into plate hole of the vehicle body securely when installing body trim, and then carefully push them in.
- (7). Two people are needed when a person cannot complete the work of dismantling and installing some components in order to avoid falling.
- (8). Avoid overexertion when dismantling and installing some trims, which may cause deformation of parts.

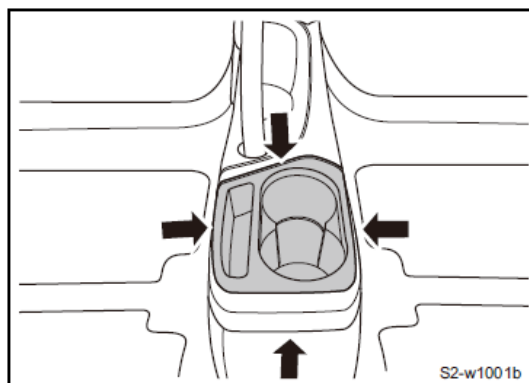
II、Auxiliary Dashboard Assembly

(I) Removal

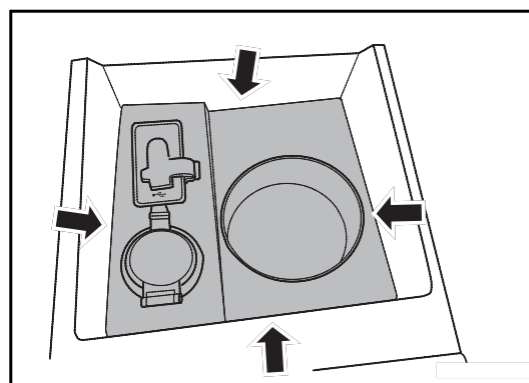
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly
 - 1). Remove 2 expansion buckles in both left and right extension plate;
 - 2). Disconnect connection of extension plate and auxiliary dashboard assembly, and take down extension plate;



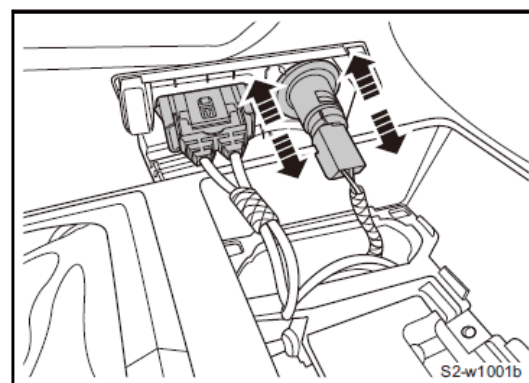
4. Remove saucer cover plate assembly
 - 1). Pry saucer cover plate assembly in rear part of auxiliary dashboard;



5. Remove front storage box assembly
 - 1). Pry storage box assembly in front part of auxiliary dashboard;

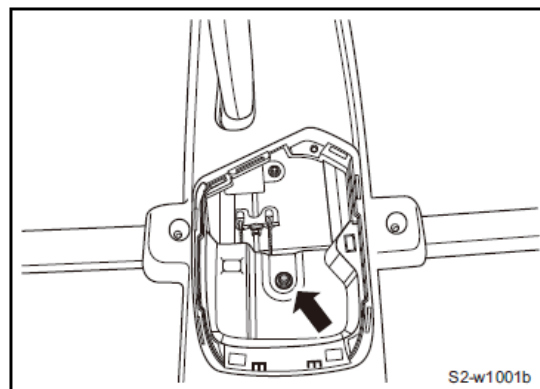


- 2). Disconnect wiring harness connector;
- 3). Take down front storage box assembly;

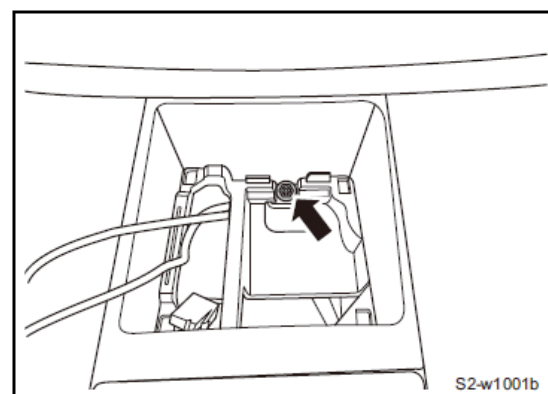


6. Remove auxiliary dashboard assembly

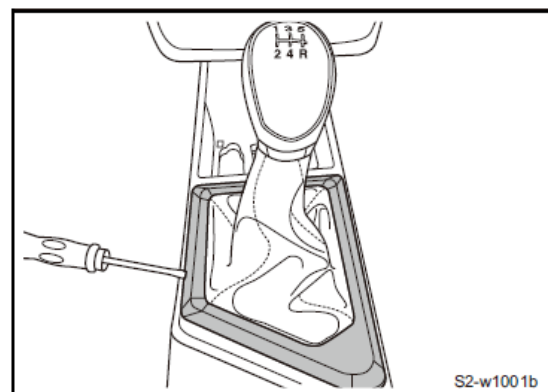
- 1). Remove fixed bolt below lower saucer cover plate;



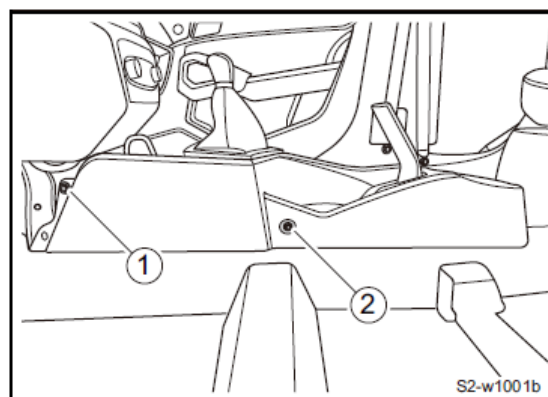
- 2). Remove fixed bolt below front storage box assembly;



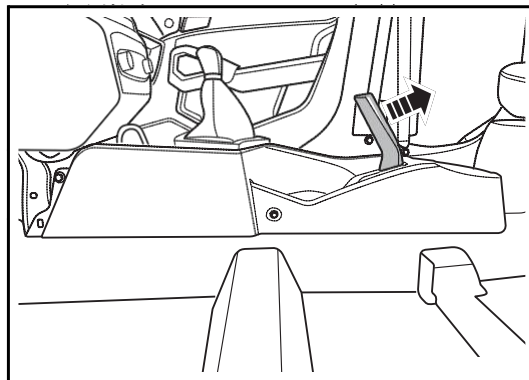
- 3). Disconnect connection of transmission operation panel and auxiliary dashboard;



- 4). Remove fixed bolt ① in both sides of front part of auxiliary dashboard and fixed bolt ② in both sides of middle part of auxiliary dashboard;



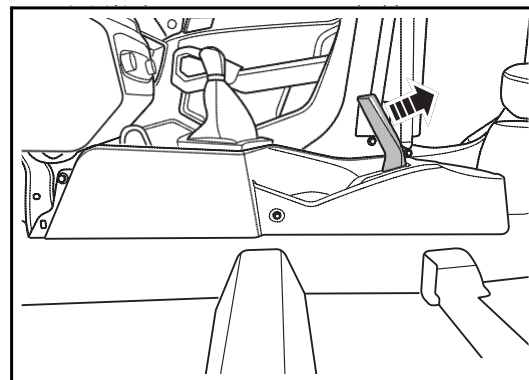
- 5). Pull manual brake rod to maximum angle, and take down auxiliary dashboard assembly;



(II) Installation

1. Install auxiliary dashboard assembly

- 1). Pull manual brake rod to maximum angle, and place auxiliary dashboard assembly to installation position;

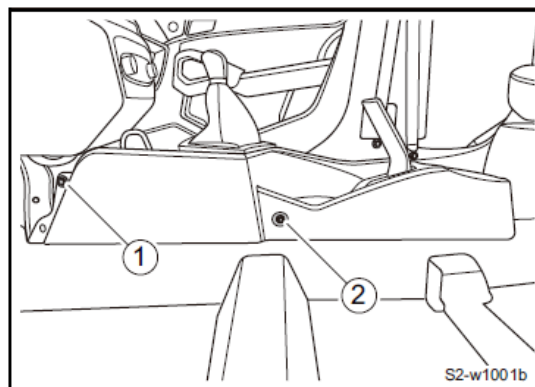


- 2). Tighten fixed bolt ① in both sides of front part of auxiliary dashboard ;

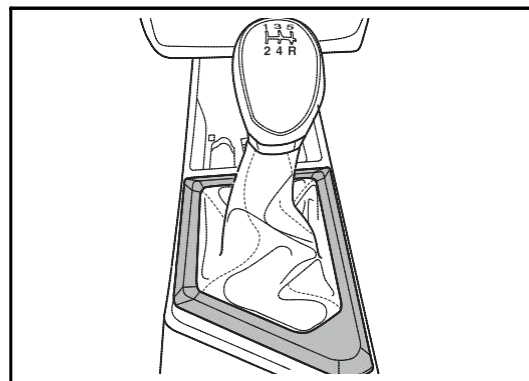
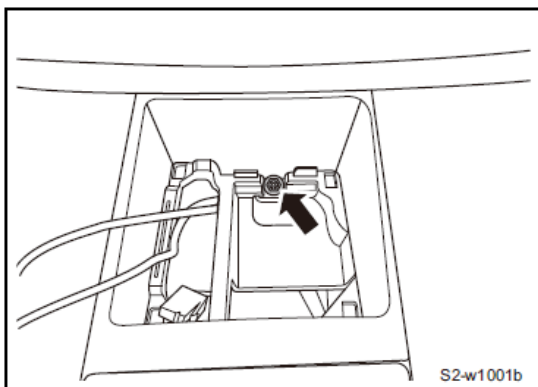
Tighten torque 1.4N m

- 3). Tighten fixed bolt ② in both sides of middle part of auxiliary dashboard;

Tighten torque 5~7N m

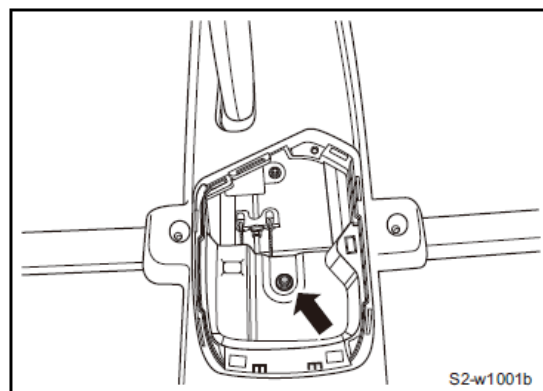


- 4). Connect connection of transmission operation panel and auxiliary dashboard;



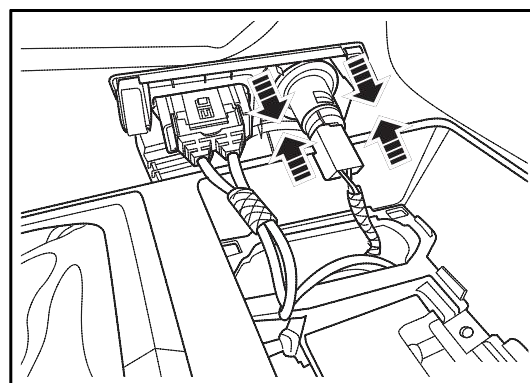
- 5). Tighten fixed bolt below front storage box assembly;
Tighten torque 1.4N m

- 6). Tighten fixed bolt below saucer cover plate;
Tighten torque 5~7N m



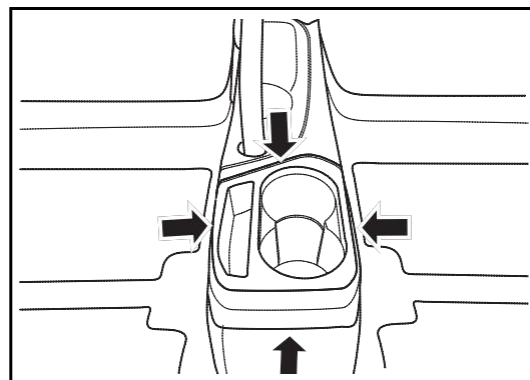
2. Install front storage box assembly

- 1). Connect storage box wiring harness, place storage box to installation position and tighten buckles;

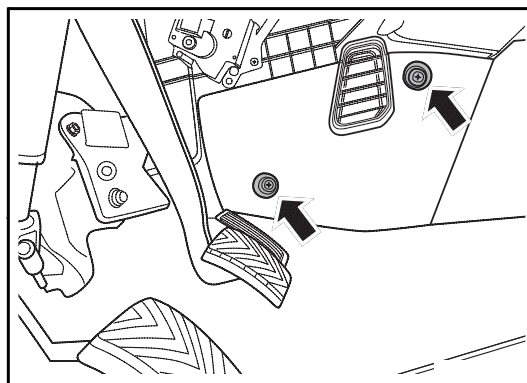


3. Install saucer cover plate assembly

- 1). Place saucer cover plate to installation position and tighten buckles;



4. Install front extension plate assembly
 - 1). Place front extension plate to installation position;
 - 2). Tighten 2 expansion buckles in both sides of left and right extension plate;

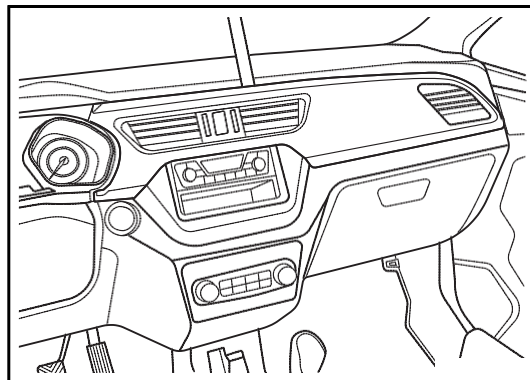


5. Connect battery negative electrode
6. Close engine compartment cover

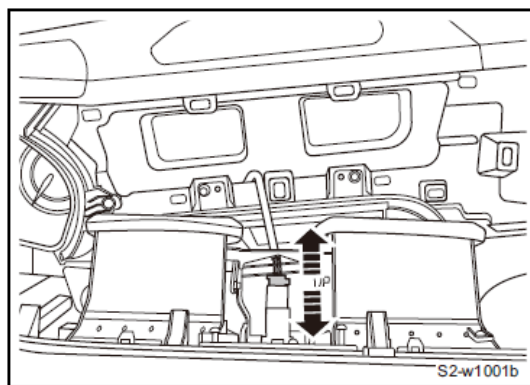
III、Central Right Side Trim Panel Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly
 - 1). Pry buckles connecting central right side trim panel assembly and dashboard assembly;

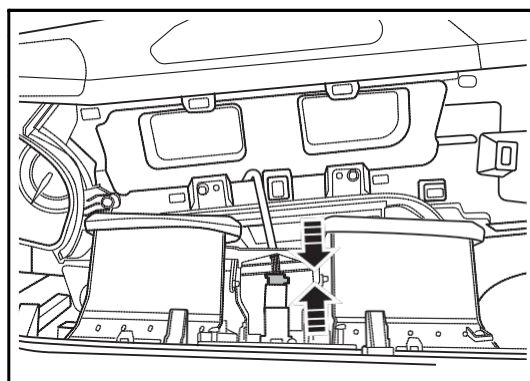


- 2). Disconnect wiring harness connector, and take down central right side trim panel assembly;



(II) Installation

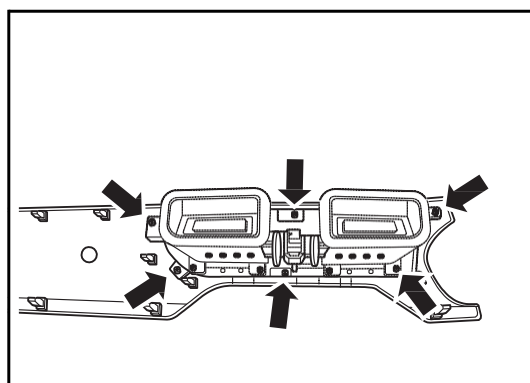
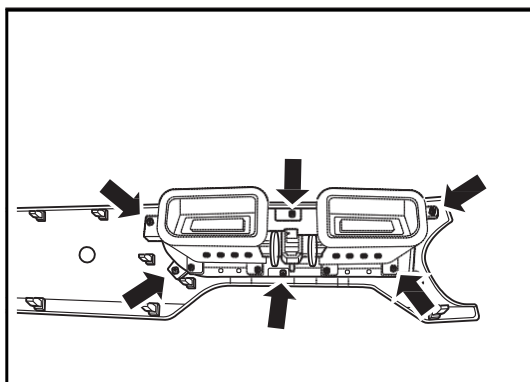
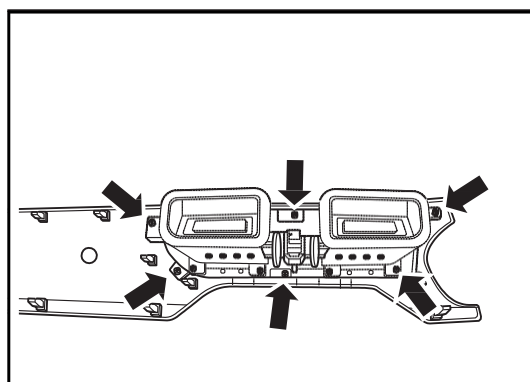
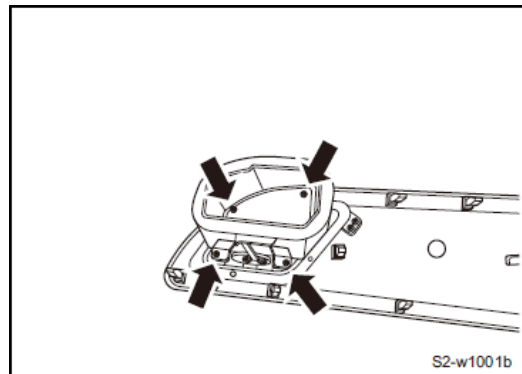
1. Install central right side trim panel assembly
 - 1). Connect wiring harness connector;
 - 2). Place central right side trim panel assembly to installation, and tighten buckles;
2. Connect battery negative electrode
3. Close engine compartment cover



IV、 Central Right Side Trim Panel Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Remove central right side trim panel assembly"
4. Remove central right side trim panel assembly
 - 1). Remove 4 fixed bolts of central right side trim panel assembly and right side air outlet port assembly;
 - 2). Take down right side air outlet port assembly;
- 3). Remove 6 fixed bolts of central right side trim panel assembly and central air outlet port assembly;
- 4). Pry buckles connecting central right side trim panel assembly and central air outlet port assembly;
- 5). Take down central right side trim panel assembly;

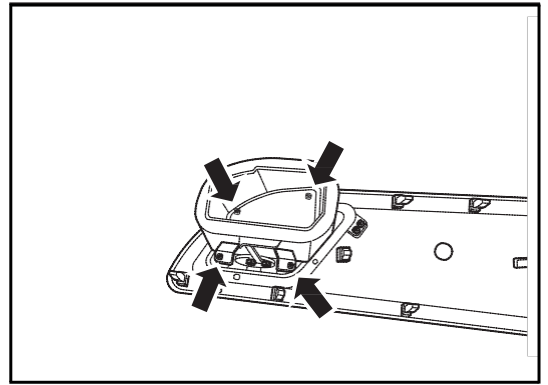


(II) Installation

1. Install central right side trim panel assembly
 - 1). Connect buckles connecting central right side trim panel assembly and central air outlet port assembly;
 - 2). Tighten 6 fixed bolts of central right side trim panel assembly and central air outlet port assembly;

- 3). Connect buckles connecting central right side trim panel assembly and right side air outlet port assembly;
- 4). Tighten 4 fixed bolts of central right side trim panel assembly and right side air outlet port assembly;

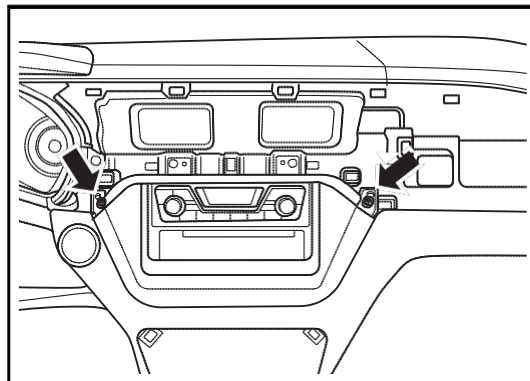
2. Install central right side trim panel assembly
3. Connect battery negative electrode
4. Close engine compartment cover



V、Radio Panel Assembly

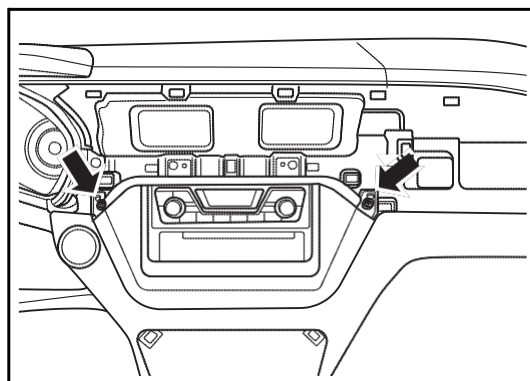
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
4. Remove radio panel assembly
 - 1). Remove fixed bolt in left/right side of radio panel;
 - 2). Pry buckles of radio panel assembly and dashboard assembly, and take down radio panel assembly;



(II) Installation

1. Install radio panel assembly
 - 1). Place radio panel assembly to installation position and tighten buckles;
 - 2). Tighten fixed bolts in left and right side of radio panel assembly;
- Tighten torque 1.4N·m



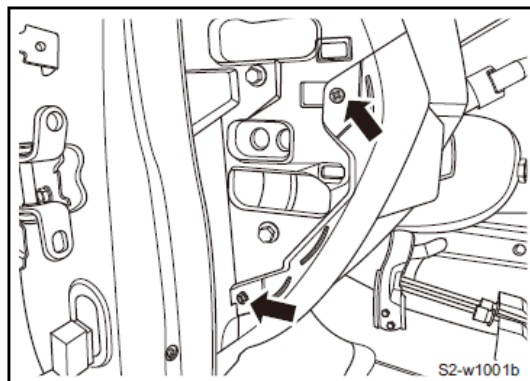
2. Install central right side trim panel assembly
3. Connect battery negative electrode
4. Close engine compartment cover

VI、 Lower Guard Panel Assembly of Driver's Side

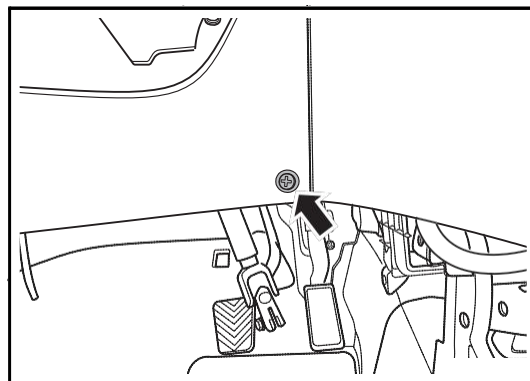
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove end cover of dashboard(left) Refer to ""end cover of dashboard
4. Remove lower guard panel assembly of driver's side

- 1). Remove left side 2 fixed bolts of lower guard panel assembly of driver's side;



- 2). Remove lower part fixed bolt of right side of lower guard panel assembly of driver's side;



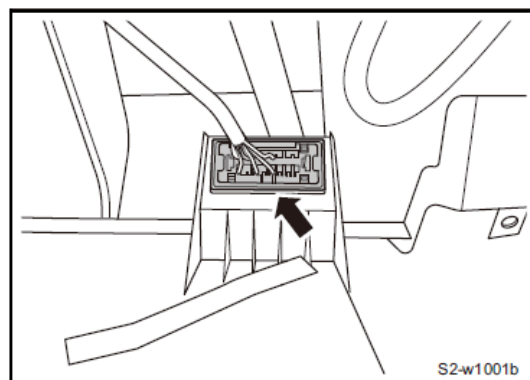
- 3). Pry buckles connecting lower guard panel assembly of driver's side and dashboard assembly;

- 4). In order from left to right, disconnect wiring harness connector of headlight regulating switch, rearview mirror regulating switch, light regulating switch, ESP switch;



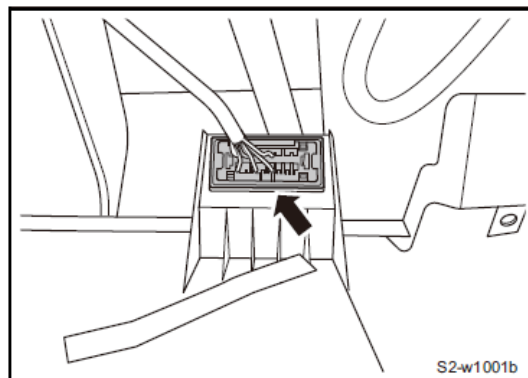
- 5). Disconnect connection of OBD diagnosis wiring harness and lower guard panel of driver's side;

- 6). Take down lower guard panel assembly of driver's side.

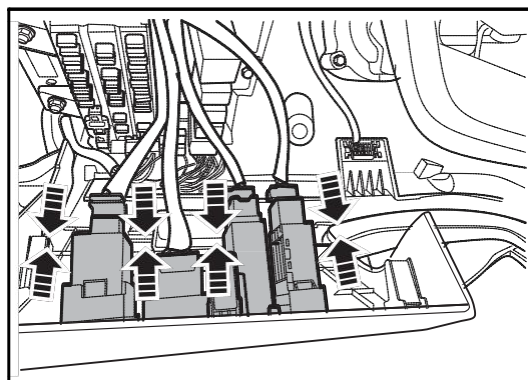


(II) Installation

1. Install lower guard panel assembly of driver's side
 - 1). Connect connection of OBD diagnosis wiring harness and lower guard panel of driver's side;

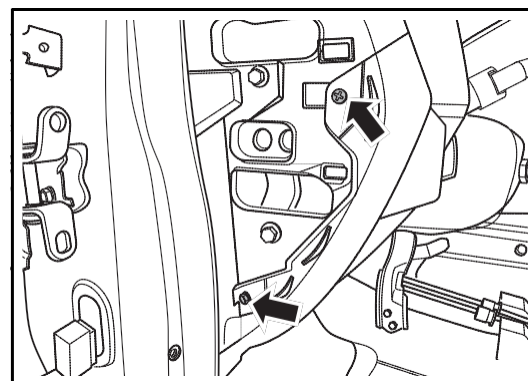


- 2). In order from left to right, connect wiring harness connector of headlight regulating switch, rearview mirror regulating switch, light regulating switch, ESP switch;



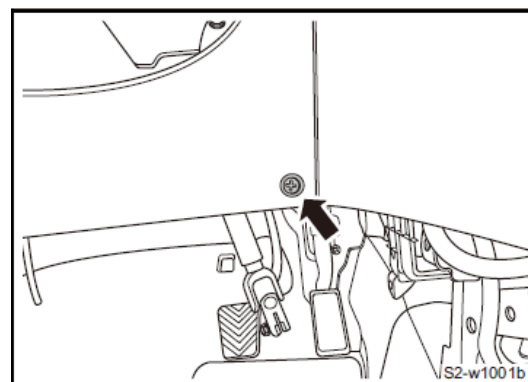
- 3). Place lower guard panel of driver's side to installation position, and tighten buckles connecting dashboard;
- 4). Tighten 2 fixed bolts of left side of lower guard panel of driver's side;

Tighten torque 1.4N m



- 5). Tighten lower part fixed bolt of right side of lower guard panel assembly of driver's side;

Tighten torque 1.4N m

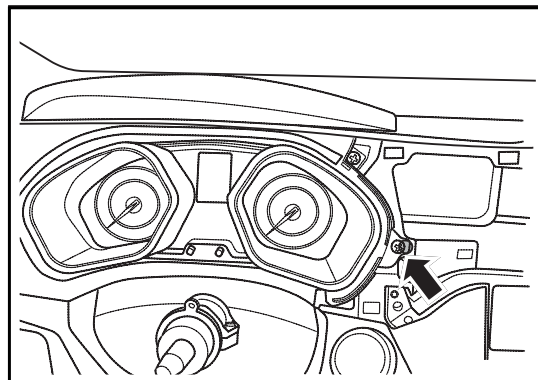


2. Install end cover of dashboard(left)
3. Connect battery negative electrode
4. Close engine compartment cover

VII、Central Left Side Trim Panel Assembly

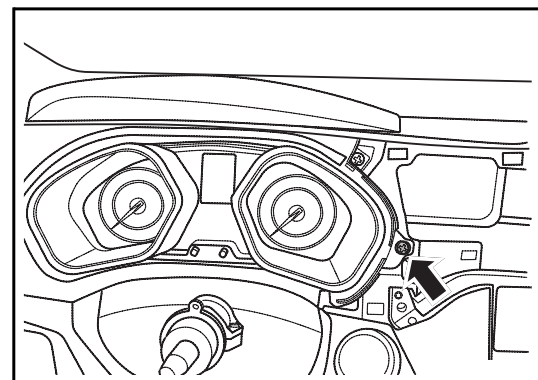
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
4. Remove end cover of dashboard(left) Refer to "End cover of dashboard"
5. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
6. Remove central left side trim panel assembly
 - 1). Remove fixed bolt of central left side trim panel assembly and dashboard assembly;
 - 2). Pry buckles connecting central left side trim panel assembly and dashboard assembly, and take down trim panel assembly;



(II) Installation

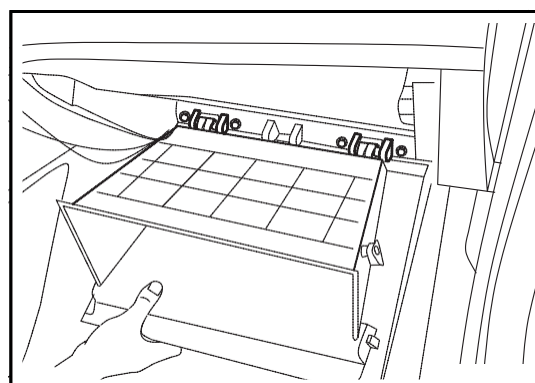
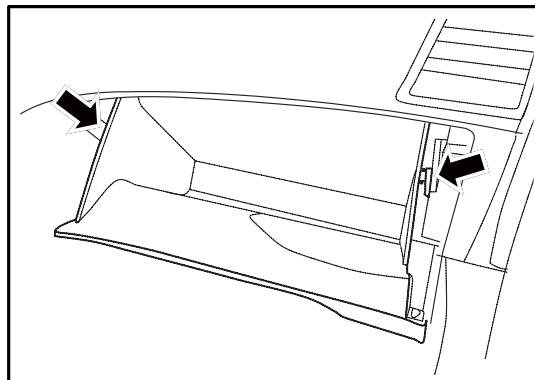
1. Install central left side trim panel assembly
 - 1). Place central left side trim panel assembly to installation position, and tighten buckles;
 - 2). Tighten fixed bolt of trim panel and dashboard assembly;
Tighten torque 1.4N·m
2. Install lower guard panel assembly of driver's side
3. Install end cover of dashboard(left)
4. Install central right side trim panel assembly
5. Connect battery negative electrode
6. Close engine compartment cover



VIII、Glove Box Assembly

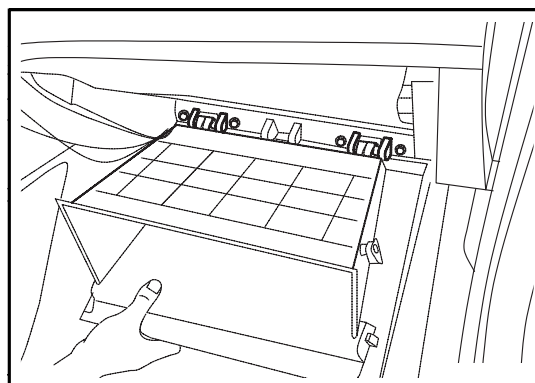
(I) Removal

1. Remove glove box assembly
 - 1). Open glove box to maximum angle, pull side wall of glove box and pull out to make stop cylinder slip out;
 - 2). Place glove box flat, and pull glove box from opening port of dashboard;

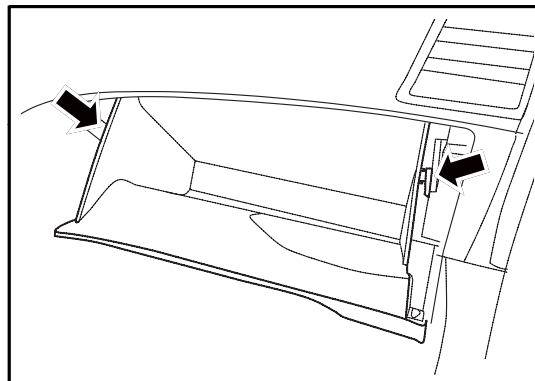


(II) Installation

1. Install glove box assembly
 - 1). Place glove box flat, make direction of rotation shaft opening of glove box is the same with rotation shaft of glove box, push glove box forward, and make rotation shaft of glove box into rotation shaft opening of glove box;



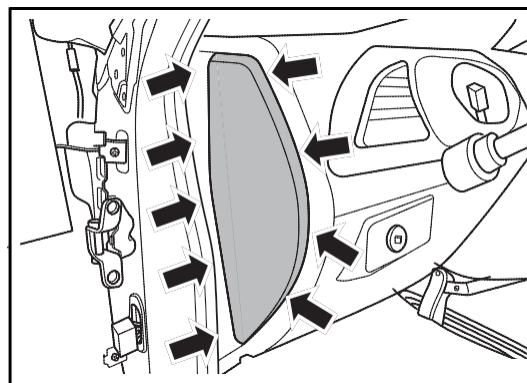
- 2). Rotate glove box upward, install left/right side opening buffer cushion of glove box when opening of glove box is about 100mm;



IX、End Cover of Dashboard

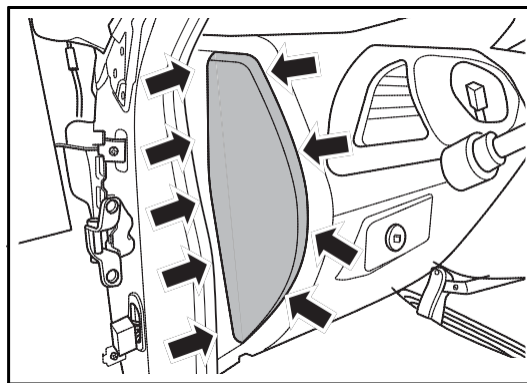
(I) Removal

2. Remove end cover of dashboard
 - 1). Pry connection of end cover of dashboard and dashboard assembly, and take down end cover of dashboard;



(II) Installation

1. Install end cover of dashboard
 - 1). Place end cover of dashboard to installation position, and tighten buckles;
2. Install door frame rubber strip of front side vehicle door
3. Install front door threshold guard assembly

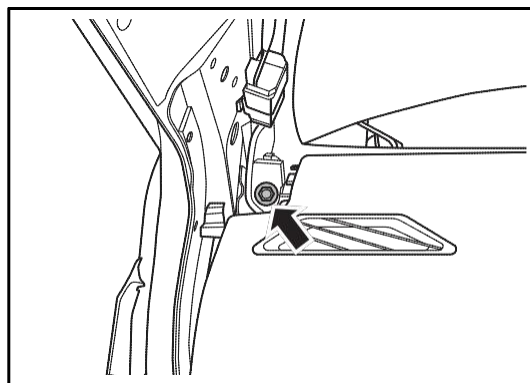


X、Dashboard Assembly

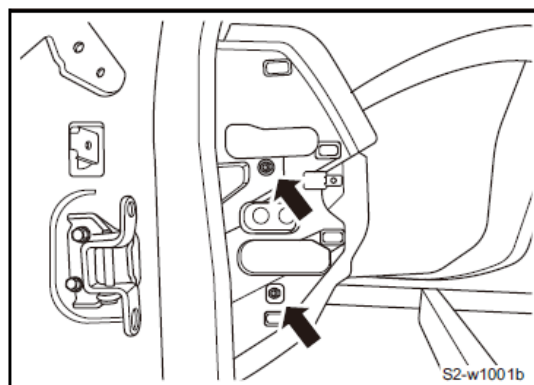
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing Refer to "Steering column jacketing"
10. Remove clock spring Refer to "Clock spring"
11. Remove combination switch assembly Refer to "Combination switch assembly"
12. Remove front door threshold guard assembly(left/right) Refer to "Front door threshold guard assembly"
13. Remove lower trim panel assembly of A pillar(left/right) Refer to "Lower trim panel assembly of A pillar"
14. Remove upper trim panel assembly of A pillar(left/right) Refer to "Upper trim panel assembly of A pillar"
15. Remove end cover of dashboard(left/right) Refer to "End cover of dashboard"
16. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
17. Remove glove box assembly Refer to "Glove box assembly"
18. Remove A/C controller assembly Refer to "A/C controller assembly"
19. Remove radio panel assembly Refer to "Radio panel assembly"
20. Remove radio assembly Refer to "Radio assembly"
21. Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
22. Remove combination meter assembly Refer to "Combination meter assembly"
23. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
24. Remove front passenger's air bag assembly Refer to "Front passenger's air bag assembly"
25. Remove dashboard assembly

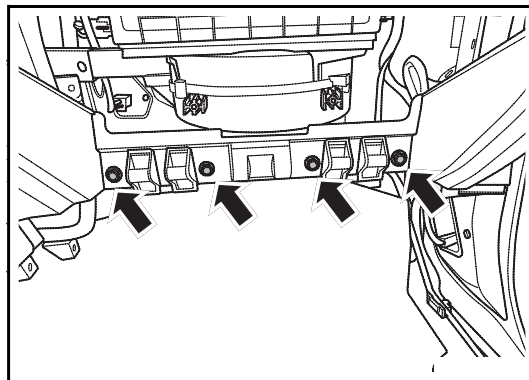
- 1). Remove left and right fixed bolts in upper part of dashboard assembly;



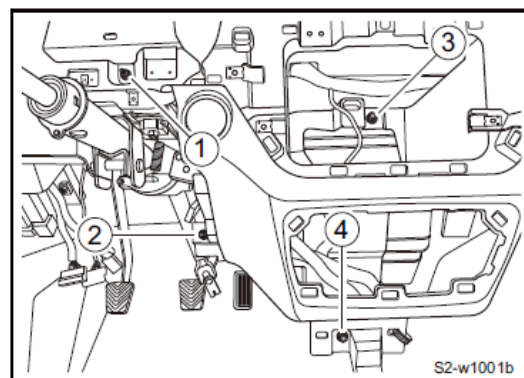
- 2). Remove left and right side fixed bolts of dashboard assembly;



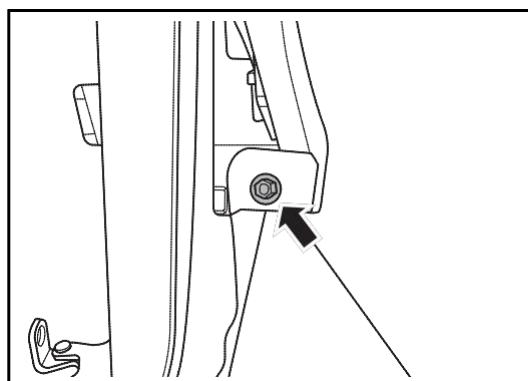
- 3). Remove right side lower part 4 fixed bolts of dashboard assembly;



- 4). Remove lower fixed bolt ④ in middle part of dashboard assembly, lower left fixed bolt ② in middle part of dashboard assembly, and fixed nut ③ below radio assembly, fixed nut ① below combination meter;



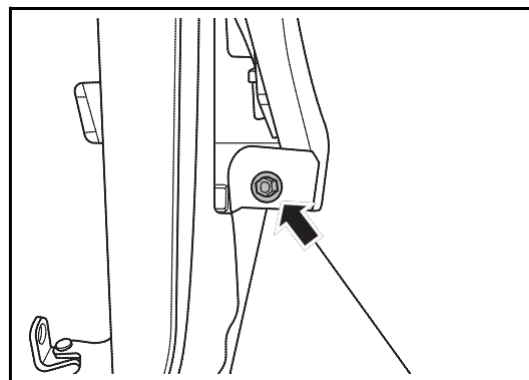
- 5). Remove left side lower part fixed bolt of dashboard assembly;
- 6). Disconnect connection of dashboard assembly, and take down dashboard assembly;



(II) Installation

1. Install dashboard assembly
 - 1). Place dashboard assembly to installation position;
 - 2). Tighten left side lower part fixed bolt of dashboard assembly;

Tighten torque 5~7N m



- 3). Tighten lower fixed bolt ④ in middle part of dashboard assembly;

Tighten torque 5~7N·m

- 4). Tighten lower left fixed bolt ② in middle part of dashboard assembly;

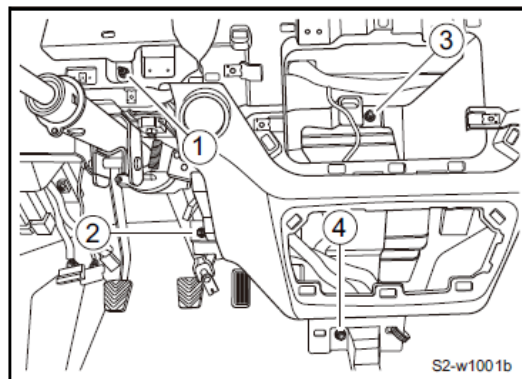
Tighten torque 5~7N·m

- 5). Tighten fixed nut ③ below radio assembly;

Tighten torque 5~7N·m

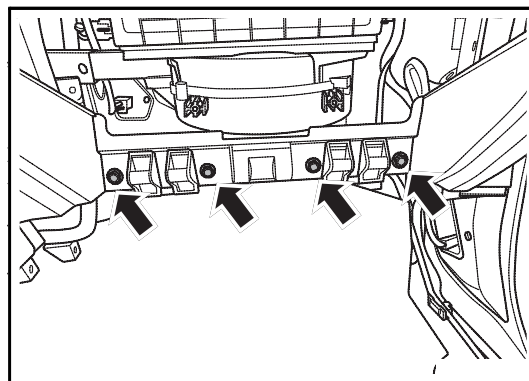
- 6). Tighten fixed nut ① below combination meter;

Tighten torque 5~7N·m



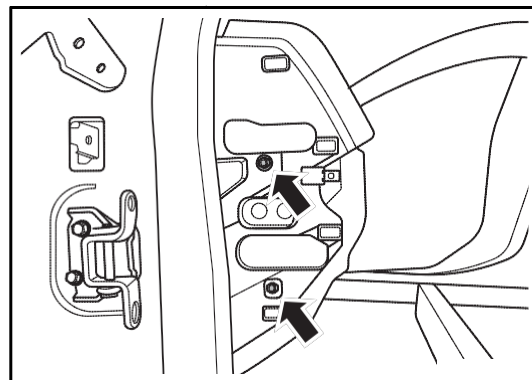
- 7). Tighten right lower 4 fixed bolts of dashboard assembly;

Tighten torque 5~7N·m



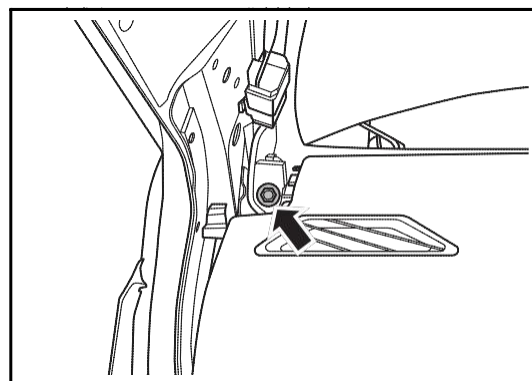
- 8). Tighten 2 fixed bolts in left and right side of dashboard assembly;

Tighten torque 5~7N·m



- 9). Tighten left/right side fixed bolt in upper part of dashboard assembly;

Tighten torque 5~7N·m



2. Install front passenger's air bag assembly
3. Install lower guard panel assembly of driver's side
4. Install combination meter assembly
5. Install central left side trim panel assembly
6. Install radio assembly

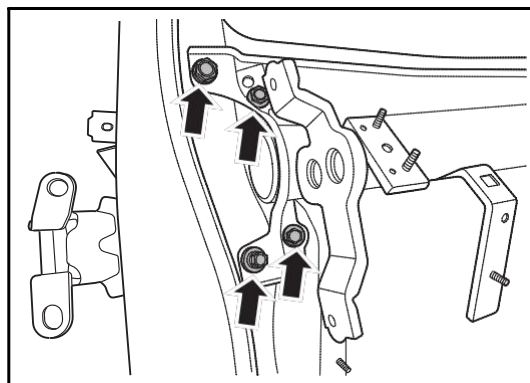
7. Install radio panel assembly
8. Install A/C controller assembly
9. Install glove box assembly
10. Install central right side trim panel assembly
11. Install end cover of dashboard (left/right)
12. Install upper trim panel assembly of A pillar (left/right)
13. Install lower trim panel assembly of A pillar (left/right)
14. Install front door threshold guard assembly (left/right)
15. Install combination switch assembly
16. Install clock spring
17. Install steering column jacketing
18. Install steering wheel assembly
19. Install driver's air bag assembly
20. Install auxiliary dashboard assembly
21. Install front storage box assembly
22. Install saucer cover plate assembly
23. Install front extension plate assembly
24. Connect battery negative electrode
25. Close engine compartment cover

XI、Dashboard Beam

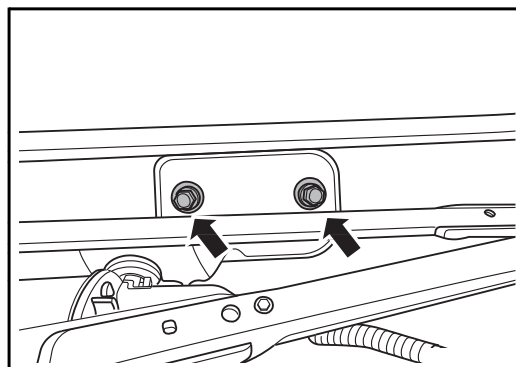
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing Refer to "Steering column jacketing"
10. Remove clock spring Refer to "Clock spring"
11. Remove combination switch assembly Refer to "Combination switch assembly"
12. Remove front door threshold guard assembly(left/right) Refer to "Front door threshold guard assembly"
13. Remove lower trim panel assembly of A pillar(left/right) Refer to "Lower trim panel assembly of A pillar"
14. Remove upper trim panel assembly of A pillar(left/right) Refer to "Upper trim panel assembly of A pillar"
15. Remove end cover of dashboard(left/right) Refer to "End cover of dashboard"
16. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
17. Remove glove box assembly Refer to "Glove box assembly"
18. Remove A/C controller assembly Refer to "A/C controller assembly"
19. Remove radio panel assembly Refer to "Radio panel assembly"
20. Remove radio assembly Refer to "Radio assembly"
21. Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
22. Remove combination meter assembly Refer to "Combination meter assembly"
23. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
24. Remove front passenger's air bag assembly Refer to "Front passenger's air bag assembly"
25. Remove dashboard assembly Refer to "Dashboard assembly"
26. Remove front wiper arm assembly Refer to "Front wiper arm assembly"
27. Remove ventilation cover plate assembly Refer to "Ventilation cover plate assembly"
28. Remove dashboard beam

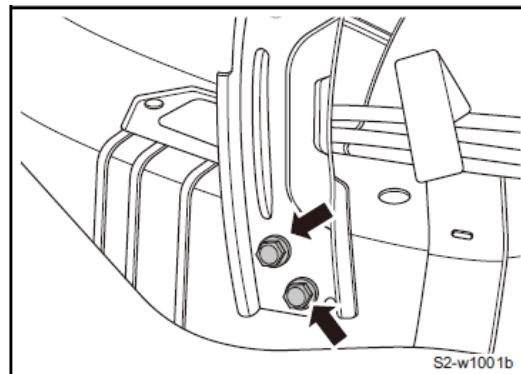
- 1). Remove 4 fixed bolts connecting dashboard beam and vehicle body metal sheet;



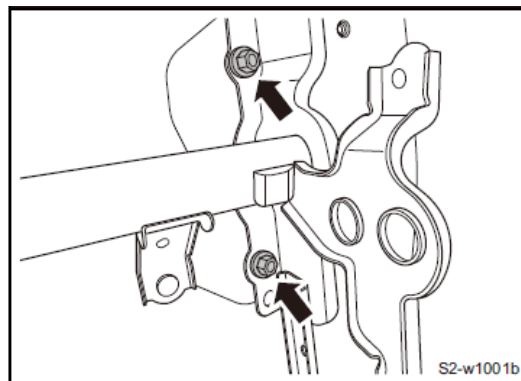
- 2). Remove 2 fixed bolts connecting and front wall from outside of front wall;



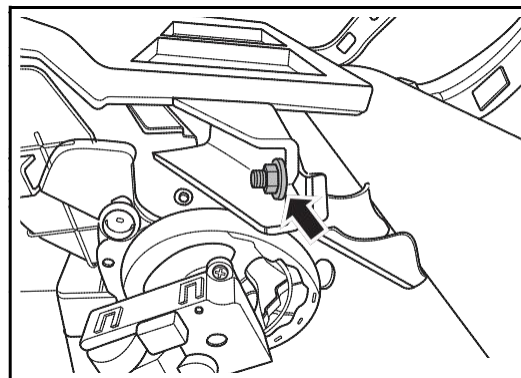
- 3). Remove 2 fixed bolts connecting middle lower part of dashboard beam and floor;



- 4). Remove 2 fixed bolts connecting dashboard beam and vehicle body metal sheet;



- 5). Remove 5 fixed nuts connecting dashboard beam and A/C main host assembly;
- 6). Remove 4 fixed nuts connecting indoor electrical box and dashboard beam, remove fixed bolt connecting main wiring harness grounding point and dashboard beam, and separate main wiring harness and dashboard beam;
- 7). Take down dashboard beam;



(II) Installation

1. Install dashboard beam

- 1). Place dashboard beam to installation position;
- 2). Install fixed bolt connecting main wiring harness grounding point and dashboard beam, and install 4 fixed nuts connecting indoor electrical box and dashboard beam;

Tighten torque 5~7N m

- 3). Tighten 5 fixed nuts connecting dashboard beam and A/C main host assembly;

Tighten torque 5~7N m

- 4). Tighten 2 fixed bolts connecting right side of dashboard beam and vehicle body metal sheet;

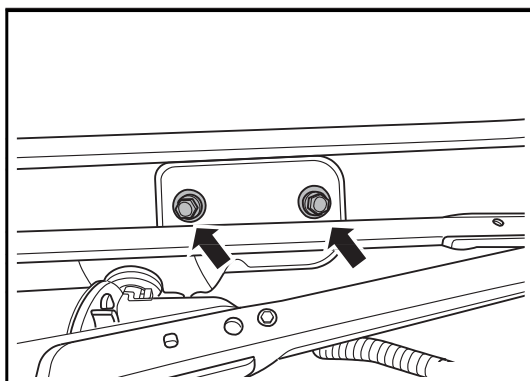
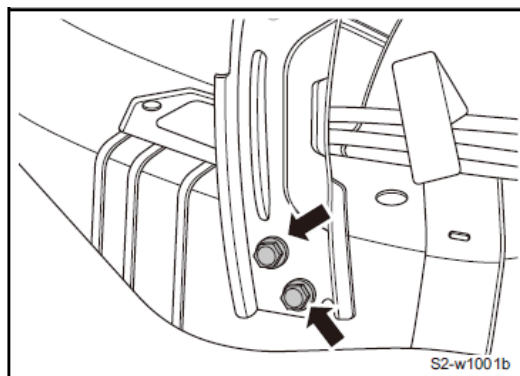
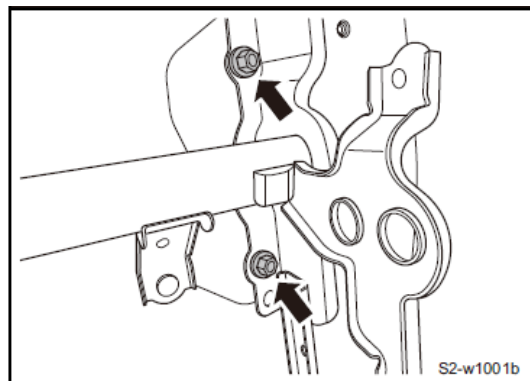
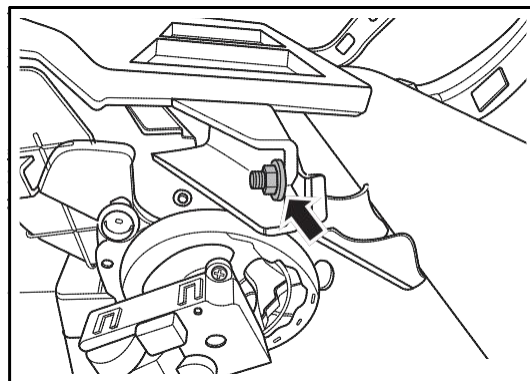
Tighten torque 20N m

- 5). Tighten 2 fixed bolts connecting middle lower part of dashboard beam and floor;

Tighten torque 20N m

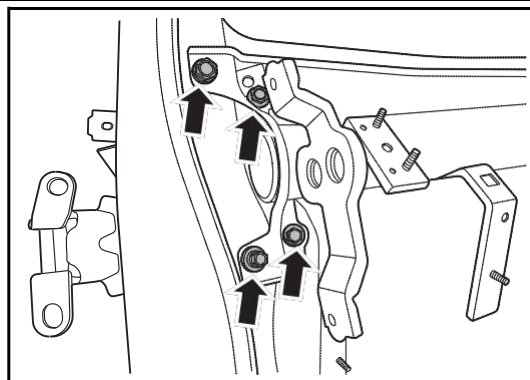
- 6). Tighten 2 fixed bolts connecting and front wall from outside of front wall;

Tighten torque 20N m



- 7). Tighten 4 fixed bolts connecting dashboard beam and vehicle body metal sheet;

Tighten torque 20N·m

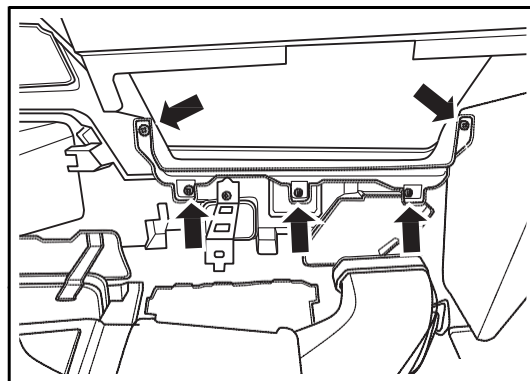


2. Install ventilation cover plate assembly
3. Install front wiper arm assembly
4. Install dashboard assembly
5. Install front passenger's air bag assembly
6. Install lower guard panel assembly of driver's side
7. Install combination meter assembly
8. Install central left side trim panel assembly
9. Install radio assembly
10. Install radio panel assembly
11. Install A/C controller assembly
12. Install glove box assembly
13. Install central right side trim panel assembly
14. Install end cover of dashboard (left/right)
15. Install upper trim panel assembly of A pillar (left/right)
16. Install lower trim panel assembly of A pillar (left/right)
17. Install front door threshold guard assembly (left/right)
18. Install combination switch assembly
19. Install clock spring
20. Install steering column jacketing
21. Install steering wheel assembly
22. Install driver's air bag assembly
23. Install auxiliary dashboard assembly
24. Install front storage box assembly
25. Install saucer cover plate assembly
26. Install front extension plate assembly
27. Connect battery negative electrode
28. Close engine compartment cover

XII、Inner Guard Panel of Glove Box

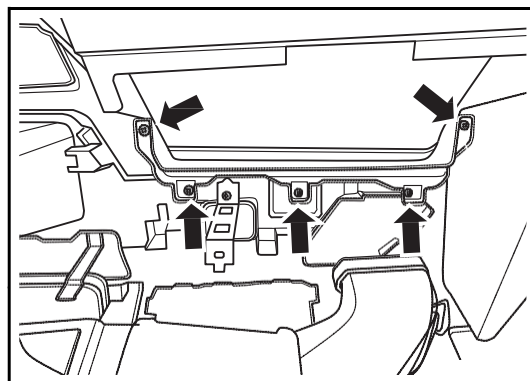
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front extension plate assembly Refer to "Auxiliary dashboard assembly"
4. Remove saucer cover plate assembly Refer to "Auxiliary dashboard assembly"
5. Remove front storage box assembly Refer to "Auxiliary dashboard assembly"
6. Remove auxiliary dashboard assembly Refer to "Auxiliary dashboard assembly"
7. Remove driver's air bag assembly Refer to "Driver's air bag assembly"
8. Remove steering wheel assembly Refer to "Steering wheel assembly"
9. Remove steering column jacketing Refer to "Steering column jacketing"
10. Remove clock spring Refer to "Clock spring"
11. Remove combination switch assembly Refer to "Combination switch assembly"
12. Remove front door threshold guard assembly(left/right) Refer to "Front door threshold guard assembly"
13. Remove lower trim panel assembly of A pillar(left/right) Refer to "Lower trim panel assembly of A pillar"
14. Remove upper trim panel assembly of A pillar(left/right) Refer to "Upper trim panel assembly of A pillar"
15. Remove end cover of dashboard(left/right) Refer to "End cover of dashboard"
16. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
17. Remove glove box assembly Refer to "Glove box assembly"
18. Remove A/C controller assembly Refer to "A/C controller assembly"
19. Remove radio panel assembly Refer to "Radio panel assembly"
20. Remove radio assembly Refer to "Radio assembly"
21. Remove central left side trim panel assembly Refer to "Central left side trim panel assembly"
22. Remove combination meter assembly Refer to "Combination meter assembly"
23. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
24. Remove front passenger's air bag assembly Refer to "Front passenger's air bag assembly"
25. Remove dashboard assembly Refer to "Dashboard assembly"
26. Remove inner guard panel of glove box
 - 1). Remove 5 fixed bolts connecting inner guard panel of glove box and dashboard assembly;
 - 2). Take down inner guard panel of glove box



(II) Installation

1. Install inner guard panel of glove box
 - 1). Place inner guard panel of glove box to installation position, and tighten 5 fixed bolts;

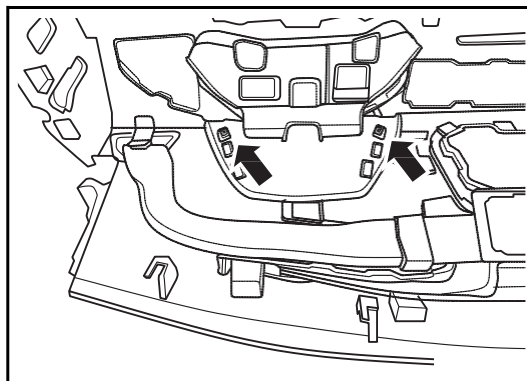


2. Install dashboard assembly
3. Install front passenger's air bag assembly
4. Install lower guard panel assembly of driver's side
5. Install combination meter assembly
6. Install central left side trim panel assembly
7. Install radio assembly
8. Install radio panel assembly
9. Install A/C controller assembly
10. Install glove box assembly
11. Install central right side trim panel assembly
12. Install end cover of dashboard(left/right)
13. Install upper trim panel assembly of A pillar(left/right)
14. Install lower trim panel assembly of A pillar(left/right)
15. Install front door threshold guard assembly(left/right)
16. Install combination switch assembly
17. Install clock spring
18. Install steering column jacketing
19. Install steering wheel assembly
20. Install driver's air bag assembly
21. Install auxiliary dashboard assembly
22. Install front storage box assembly
23. Install saucer cover plate assembly
24. Install front extension plate assembly
25. Connect battery negative electrode
26. Close engine compartment cover

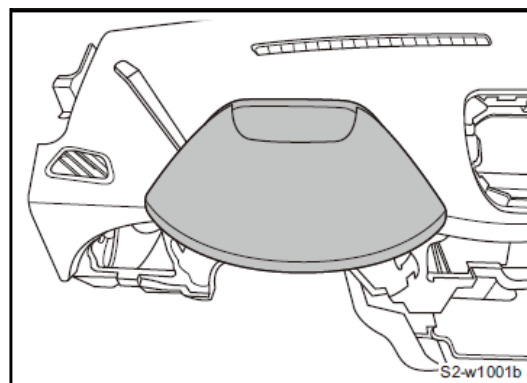
XIII、Combination Meter Cover Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove central right side trim panel assembly Refer to "Central right side trim panel assembly"
4. Remove end cover of dashboard(left) Refer to "End cover of dashboard"
5. Remove lower guard panel assembly of driver's side Refer to "Lower guard panel assembly of driver's side"
6. Remove central left side trim panel assembly Refer to "Remove central left side trim panel assembly"
7. Remove combination meter assembly Refer to "Combination meter assembly"
8. Remove combination meter cover assembly
 - 1). Remove 2 fixed bolts connecting combination meter cover assembly and dashboard assembly;

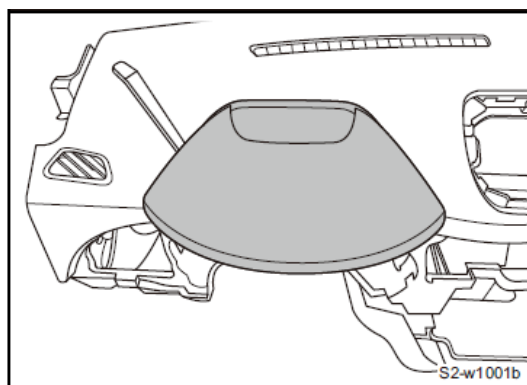


- 2). Pry combination meter cover assembly, disconnect connection of combination meter cover assembly and dashboard assembly, and take down combination meter cover assembly;

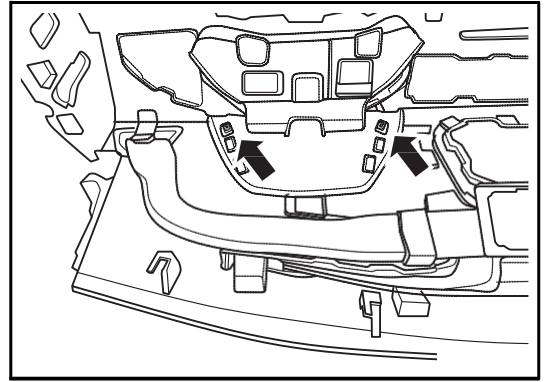


(II) Installation

1. Install combination meter cover assembly
 - 1). Place combination meter cover assembly to installation position, and tighten buckles;



- 2). Tighten 2 fixed bolts connecting combination meter cover assembly and dashboard assembly;



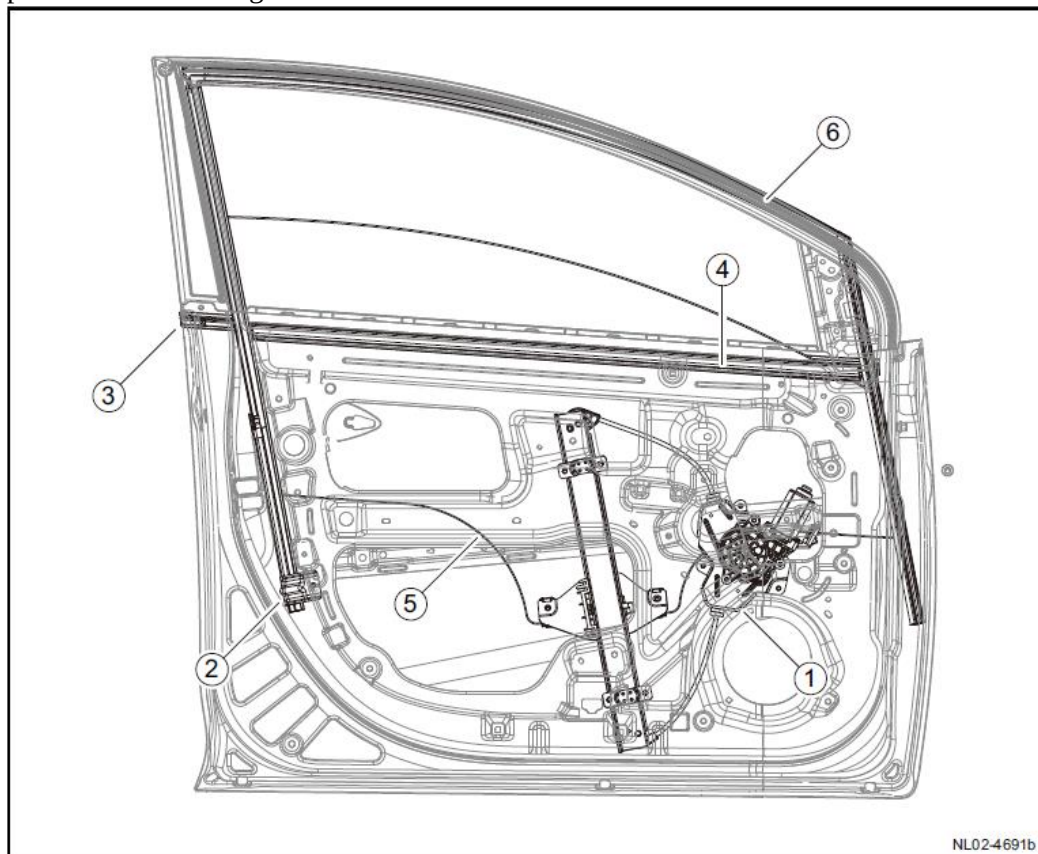
2. Install combination meter assembly
3. Install central left side trim panel assembly
4. Install lower guard panel assembly of driver's side
5. Install end cover of dashboard(left)
6. Install central right side trim panel assembly
7. Connect battery negative electrode
8. Close engine compartment cover

Electrical Power Window and Rearview Mirror

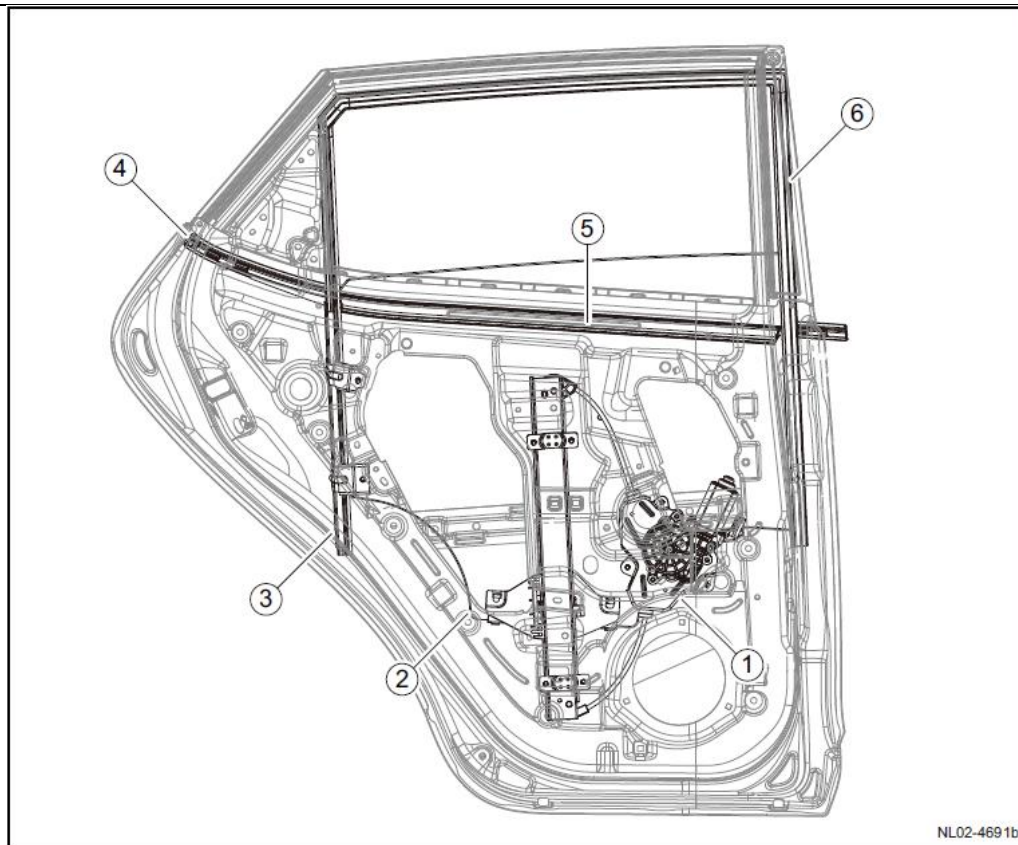
I、Summary

(I) Structure Overview

Component Location Diagram



- | | |
|--|--|
| 1. Front vehicle door window regulator device | 2. Guide groove of front vehicle door window |
| 3. Outer water splitting strip of front vehicle door | 4. Inner water splitting strip of front vehicle door |
| 5. Front vehicle door window assembly | 6. Groove of front vehicle door window |



- | | |
|---|---|
| 1. Rear vehicle door window regulator device | 2. Rear vehicle door window assembly |
| 3. Guide groove of rear vehicle door window | 4. Outer water splitting strip of rear vehicle door |
| 5. Inner water splitting strip of rear vehicle door | 6. Groove of rear vehicle door window |

(II) Torque Parameter

No.	Item	Torque (N·m)
1	Fixed bolt of vehicle door window	7~11
2	Fixed nut of window regulator device	7~11
3	Fixed bolt of window guide groove	6~10
4	Fixed nut of guide groove of rear vehicle door window	6~10
5	Fixed bolt of rearview mirror	3~5
6	Fixed bolt of inner rearview mirror seat	1.1~1.9

II、Front Side Vehicle Door Window

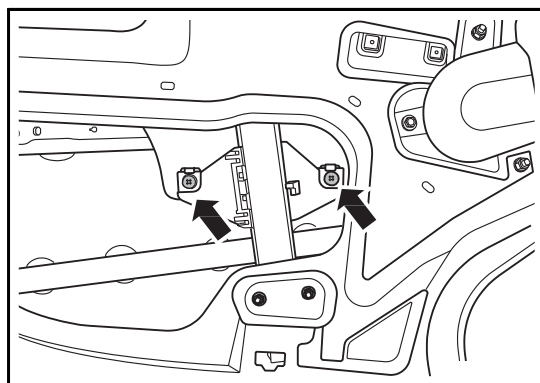
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to "Front door trim panel assembly"
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
5. Remove installation bracket of front door inclined handle Refer to "Waterproof membrane of front vehicle door"
6. Remove waterproof membrane of front vehicle door Refer to "Waterproof membrane of front vehicle door"
7. Remove inner water splitting strip of front side vehicle door Refer to "Inner water splitting strip of front side vehicle door"
8. Remove front side vehicle door window

- 1). Remove 2 fixed bolts between front vehicle door window and window regulator device;

- 2). Take down front vehicle door window;

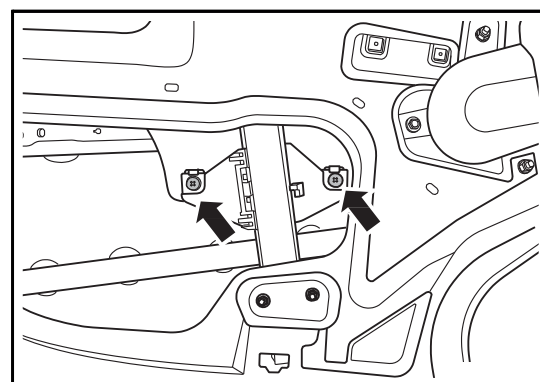
△ Note Lift window to proper position before disconnecting battery negative electrode to be convenient to remove fixed bolt of front vehicle door window.



(II) Installation

1. Install front side vehicle door window
 - 1). Place front side vehicle door window to vehicle door, and align to installation hole;
 - 2). Tighten 2 fixed bolts between front side vehicle door window and window regulator device;

Tighten torque 7~11N m

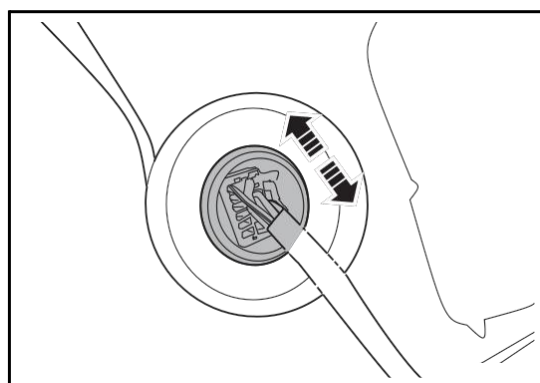
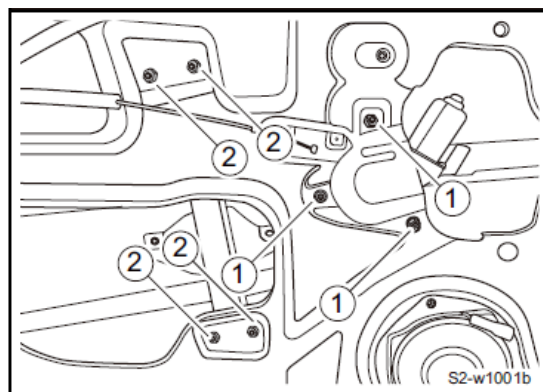


2. Install inner water splitting strip of front side vehicle door
3. Install waterproof membrane of front vehicle door
4. Install installation bracket of front door inclined handle
5. Install front door trim panel assembly
6. Install front door triangle window cover plate assembly
7. Connect battery negative electrode
8. Close engine compartment cover

III、Window Regulator Device of Front Side Vehicle Door

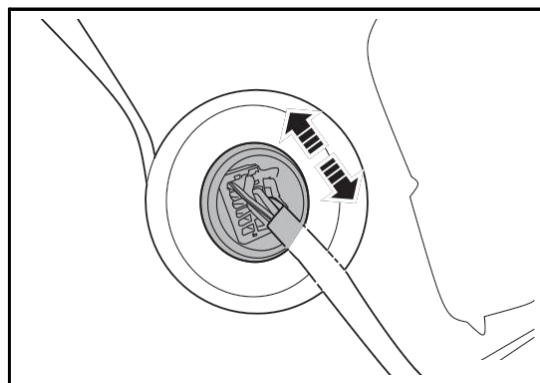
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to "Front door trim panel assembly"
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
5. Remove installation bracket of front door inclined handle Refer to "Waterproof membrane of front vehicle door"
6. Remove waterproof membrane of front vehicle door Refer to "Waterproof membrane of front vehicle door"
7. Remove inner water splitting strip of front side vehicle door Refer to "Inner water splitting strip of front side vehicle door"
8. Remove front side vehicle door window Refer to "Front side vehicle door window"
9. Remove window regulator device of front side vehicle door
 - 1). Remove 4 fixed bolts ② between window regulator device of front side vehicle door and vehicle door;
 - 2). Remove 3 fixed nuts ① between window regulator device motor of front side vehicle door and vehicle door;
- 3). Disconnect wiring harness of window regulator device motor;
- 4). Take out window regulator device of front side vehicle door;



(II) Installation

1. Install window regulator device of front side vehicle door
 - 1). Place window regulator device of front side vehicle door to installation position;
 - 2). Connect wiring harness connector on window regulator device of front side vehicle door;

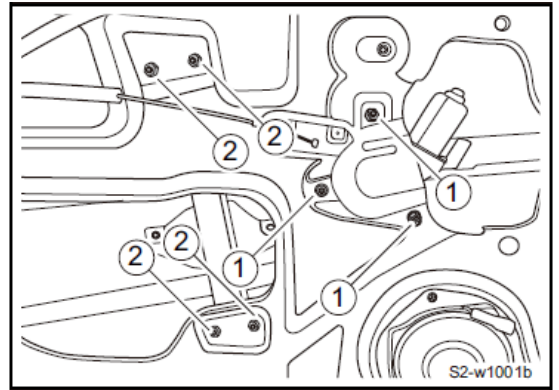


- 3). Install 4 fixed nuts between 4 fixed bolts ② between window regulator device of front side vehicle door and vehicle door;

Tighten torque 7~11N m

- 4). Install 3 fixed nuts between window regulator device motor of front side vehicle door and vehicle door;

Tighten torque 7~11N m

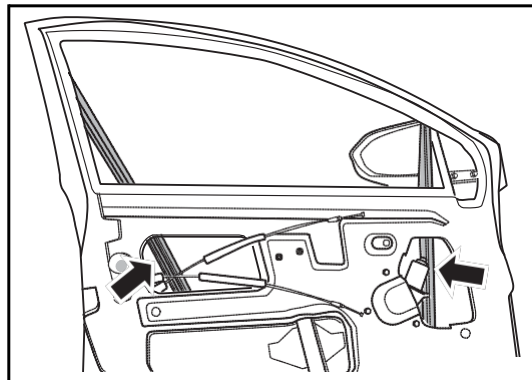


2. Install front side vehicle door window
3. Install inner water splitting strip of front side vehicle door
4. Install waterproof membrane of front vehicle door
5. Install installation bracket of front door inclined handle
6. Install front door trim panel assembly
7. Install front door triangle window cover plate assembly
8. Connect battery negative electrode
9. Close engine compartment cover

IV、Groove of Front Side Vehicle Door Window

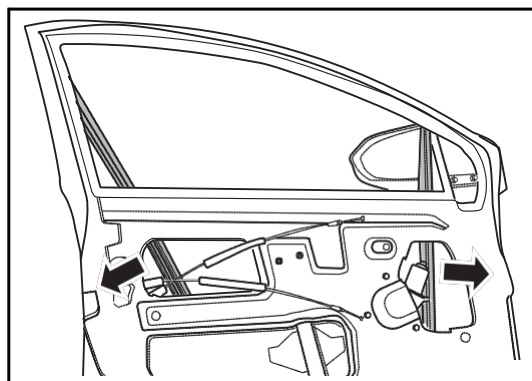
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to "Front door trim panel assembly"
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
5. Remove installation bracket of front door inclined handle Refer to "Waterproof membrane of front vehicle door"
6. Remove waterproof membrane of front vehicle door Refer to "Waterproof membrane of front vehicle door"
7. Remove inner water splitting strip of front side vehicle door Refer to "Inner water splitting strip of front side vehicle door"
8. Remove front side vehicle door window Refer to "Front side vehicle door window"
9. Remove groove of front side vehicle door window
 - 1). Remove groove from lower guide rail of front door window slowly;
 - 2). Take out groove of front side vehicle door window;



(II) Installation

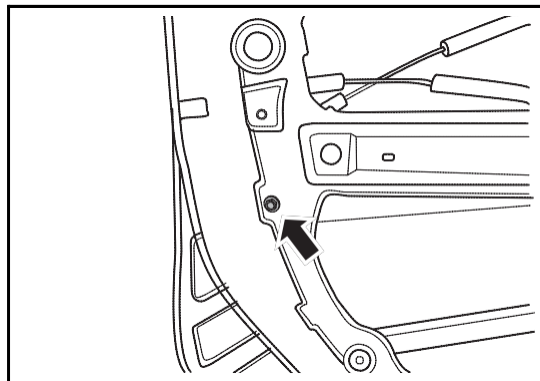
1. Install groove of front side vehicle door window
 - 1). Install two connecting angles in upper part of groove of front side vehicle door window to window frame corner angle, and then press groove of front side vehicle door window in order;
2. Install front side vehicle door window
3. Install inner water splitting strip of front side vehicle door
4. Install waterproof membrane of front vehicle door
5. Install installation bracket of front door inclined handle
6. Install front door trim panel assembly
7. Install front door triangle window cover plate assembly
8. Connect battery negative electrode
9. Close engine compartment cover



V、Guide Groove of Front Side Vehicle Door Window

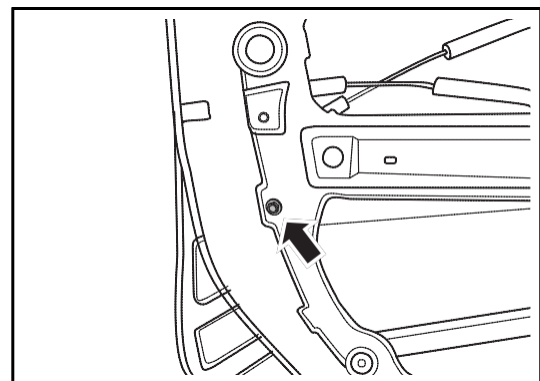
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to "Front door trim panel assembly"
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
5. Remove installation bracket of front door inclined handle Refer to "Waterproof membrane of front vehicle door"
6. Remove waterproof membrane of front vehicle door Refer to "Waterproof membrane of front vehicle door"
7. Remove front side vehicle door window Refer to "Front side vehicle door window"
8. Remove guide groove of front side vehicle door window
 - 1). Remove fixed bolt connecting guide groove of front side vehicle door window and vehicle door;
 - 2). Pull out lower part of guide groove of window groove, and take out groove of front side vehicle door window;



(II) Installation

1. Install groove of front side vehicle door window
 - 1). Place groove of front side vehicle door window to installation position, tighten fixed bolt between guide groove and vehicle door;
Tighten torque 6~10N m
 - 2). Install lower part of guide groove of window groove to window guide groove;

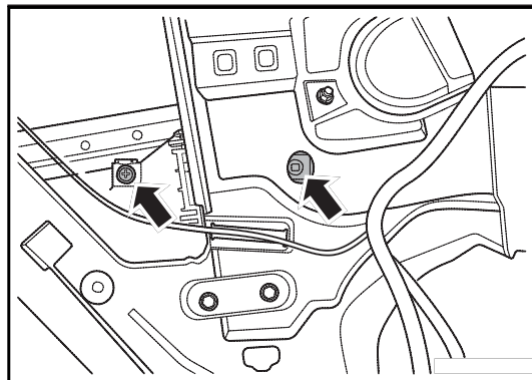


2. Install front side vehicle door window
3. Install waterproof membrane of front vehicle door
4. Install installation bracket of front door inclined handle
5. Install front door trim panel assembly
6. Install front door triangle window cover plate assembly
7. Connect battery negative electrode
8. Close engine compartment cover

VI、Rear Side Vehicle Door Window

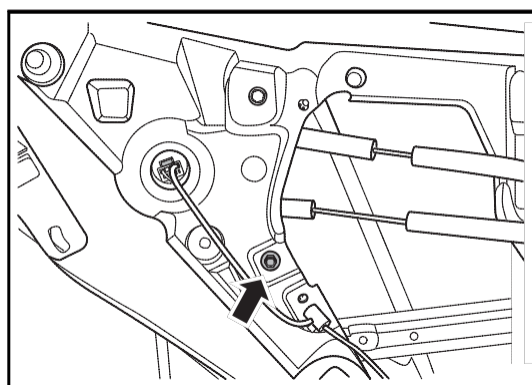
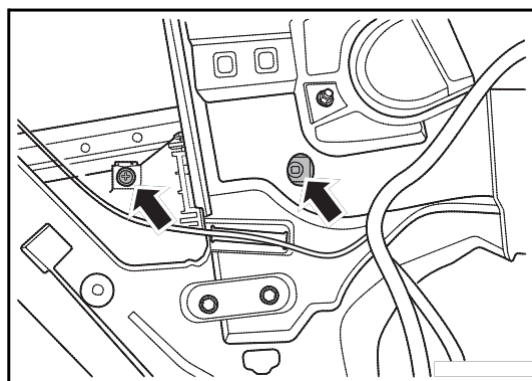
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly Refer to "Rear door triangle window cover plate assembly"
4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly"
5. Remove installation bracket of rear door handle panel Refer to "Waterproof membrane of rear vehicle door"
6. Remove waterproof membrane of rear vehicle door Refer to "Waterproof membrane of rear vehicle door"
7. Remove inner water splitting strip of rear side vehicle door Refer to "Inner water splitting strip of rear side vehicle door"
8. Remove guide groove of rear side vehicle door window Refer to "Guide groove of rear side vehicle door window"
9. Remove rear side vehicle door window
 - 1). Connect rear door handle panel wiring harness connector, connect battery negative electrode, and lift window to proper position to be convenient to remove fixed bolt of rear side vehicle door window;
 - 2). Remove 2 fixed bolts between rear side vehicle door window and window regulator device;
 - 3). Take down rear side vehicle door window;



(II) Installation

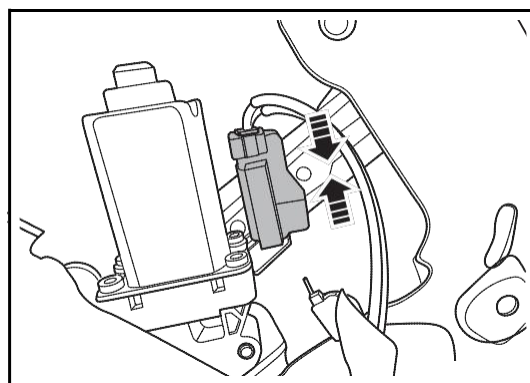
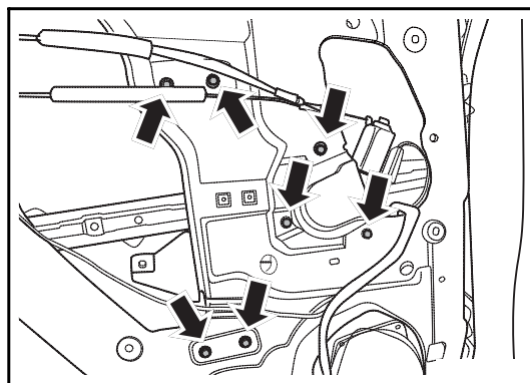
1. Install rear side vehicle door window
 - 1). Place rear side vehicle door window to installation position, and align to installation hole;
 - 2). Tighten 2 fixed bolt between rear side vehicle door window and window regulator device;
Tighten torque 7~11N m
 - 3). Tighten lower fixed bolt of guide groove of rear side vehicle door window;
Tighten torque 6~10N m
2. Install guide groove of rear side vehicle door window
3. Install inner water splitting strip of rear side vehicle door
4. Install waterproof membrane of rear vehicle door
5. Install installation bracket of rear door handle panel
6. Install rear door trim panel assembly
7. Install rear door triangle window cover plate assembly
8. Connect battery negative electrode
9. Close engine compartment cover



VII、Window Regulator Device of Rear Side Vehicle Door

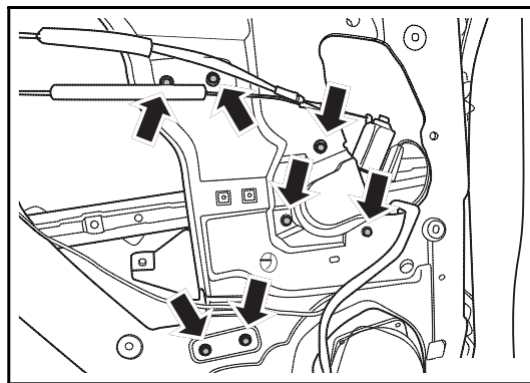
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly Refer to "Rear door trim panel assembly"
4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly"
5. Remove installation bracket of rear door handle panel Refer to "Waterproof membrane of rear vehicle door"
6. Remove waterproof membrane of rear vehicle door Refer to "Waterproof membrane of rear vehicle door"
7. Remove inner water splitting strip of rear side vehicle door Refer to "Inner water splitting strip of rear side vehicle door"
8. Remove guide groove of rear side vehicle door window Refer to "Guide groove of rear side vehicle door window"
9. Remove rear side vehicle door window Refer to "Rear side vehicle door window"
10. Remove window regulator device of rear side vehicle door
 - 1). Remove 4 fixed nuts between window regulator device of rear side vehicle door and vehicle door;
 - 2). Remove 3 fixed nuts between window regulator device motor of rear side vehicle door and vehicle door;
 - 3). Disconnect wiring harness connector in window regulator device motor;
 - 4). Take out window regulator device of rear side vehicle door;

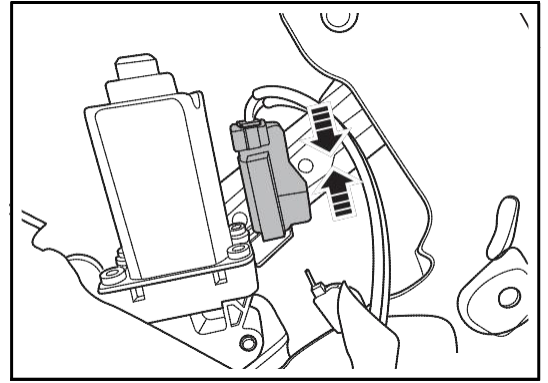


(II) Installation

1. Install window regulator device of rear side vehicle door
 - 1). Place window regulator device of rear side vehicle door to installation position;
 - 2). Tighten 3 fixed nuts between window regulator device motor of rear side vehicle door rear side vehicle door window and vehicle door;
Tighten torque 7~11N m
 - 3). Tighten 4 fixed nuts between window regulator device of rear side vehicle door and vehicle door;
Tighten torque 7~11N m



- 4). Connect wiring harness connector in window regulator device motor;

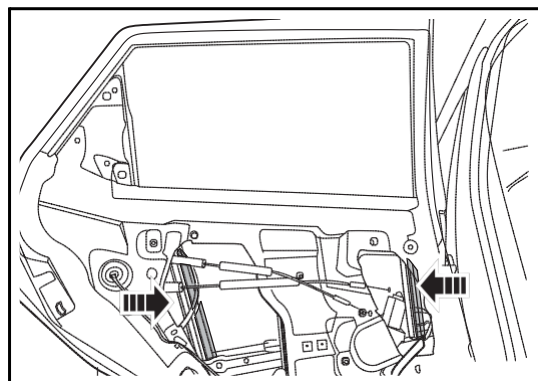


2. Install rear side vehicle door window
3. Install guide groove of rear side vehicle door window
4. Install inner water splitting strip of rear side vehicle door
5. Install waterproof membrane of rear vehicle door
6. Install installation bracket of rear door handle panel
7. Install rear door trim panel assembly
8. Install rear door triangle window cover plate assembly
9. Connect battery negative electrode
10. Close engine compartment cover

VIII、Groove of Rear Side Vehicle Door Window

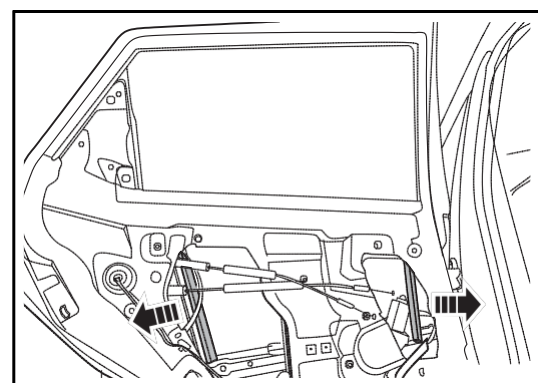
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly Refer to "Rear door trim panel assembly"
4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly"
5. Remove installation bracket of rear door handle panel Refer to "Waterproof membrane of rear vehicle door"
6. Remove waterproof membrane of rear vehicle door Refer to "Waterproof membrane of rear vehicle door"
7. Remove inner water splitting strip of rear side vehicle door Refer to "Inner water splitting strip of rear side vehicle door"
8. Remove guide groove of rear side vehicle door window Refer to "Guide groove of rear side vehicle door window"
9. Remove rear side vehicle door window Refer to "Rear side vehicle door window"
10. Remove groove of rear side vehicle door window
 - 1). Remove groove from lower part of groove of rear side vehicle door window slowly;
 - 2). Take out groove of rear side vehicle door window;



(II) Installation

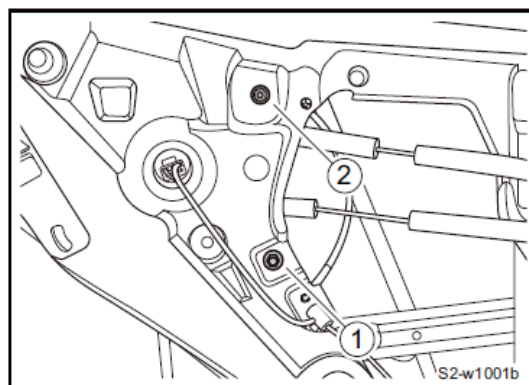
1. Install groove of rear side vehicle door window
 - 1). Install two connecting angles in window frame corner angle from upper part of groove of rear side vehicle door window, and then press in groove of rear side vehicle door window in order;
2. Install rear side vehicle door window
3. Install guide groove of rear side vehicle door window
4. Install inner water splitting strip of rear side vehicle door
5. Install waterproof membrane of rear vehicle door
6. Install installation bracket of rear door handle panel
7. Install rear door trim panel assembly
8. Install rear door triangle window cover plate assembly
9. Connect battery negative electrode
10. Close engine compartment cover



IX、 Guide Groove of Rear Side Vehicle Door Window

(I) Removal

1. Open engine compartment cover
 2. Disconnect battery negative electrode
 3. Remove rear door triangle window cover plate assembly Refer to "Rear door trim panel assembly"
 4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly"
 5. Remove installation bracket of rear door handle panel Refer to "Waterproof membrane of rear vehicle door"
 6. Remove waterproof membrane of rear vehicle door Refer to "Waterproof membrane of rear vehicle door"
 7. Remove guide groove of rear side vehicle door window
 - 1). Remove fixed bolt ① and fixed nut ② connecting guide groove of rear side vehicle door window and vehicle door;
 - 2). Take down guide groove of rear side vehicle door window;
- △ Note Lift rear side vehicle door window to highest position to be convenient to remove groove of rear side vehicle door window;



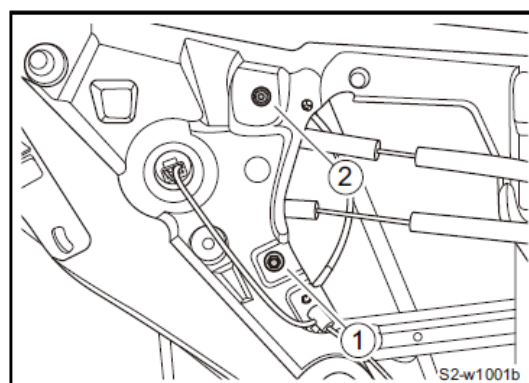
(II) Installation

1. Install guide groove of rear side vehicle door window
 - 1). Place guide groove of rear side vehicle door window to installation position;
 - 2). Tighten fixed bolt ① connecting guide groove and vehicle door;

Tighten torque 6~10N m

 - 3). Tighten fixed nut ② connecting guide groove and vehicle door;

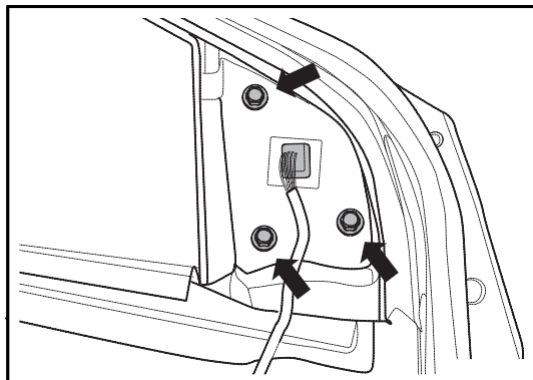
Tighten torque 6~10N m
2. Install waterproof membrane of rear vehicle door
3. Install installation bracket of rear door handle panel
4. Install rear door trim panel assembly
5. Install rear door triangle window cover plate assembly
6. Connect battery negative electrode
7. Close engine compartment cover



X、Outside Rearview Mirror Assembly

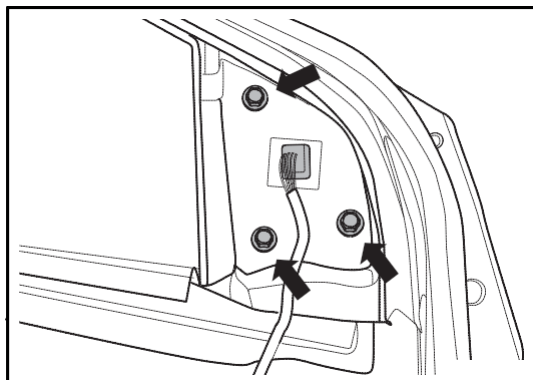
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to "Front door triangle window cover plate assembly"
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly"
5. Remove outside rearview mirror assembly
 - 4). Disconnect wiring harness connector of outside rearview mirror assembly;
 - 5). Remove 3 fixed bolts of outside rearview mirror assembly;
 - 6). Disconnect connection of outside rearview mirror assembly and vehicle body;



(II) Installation

1. Outside rearview mirror assembly
 - 1). Place outside rearview mirror assembly to installation position, and tighten 3 fixed bolts in outside rearview mirror assembly;
Tighten torque 3~5N·m
 - 2). Connect wiring harness connector of outside rearview mirror assembly;

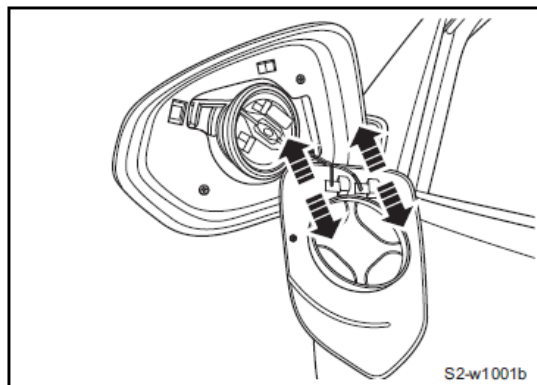
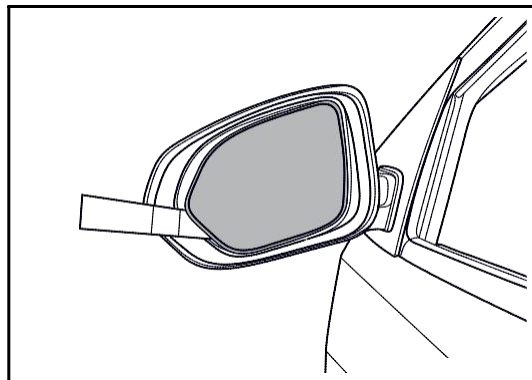


2. Install front door trim panel assembly
3. Install front door triangle window cover plate assembly
4. Connect battery negative electrode
5. Close engine compartment cover

XI、 Window Assembly of Outside Rearview Mirror

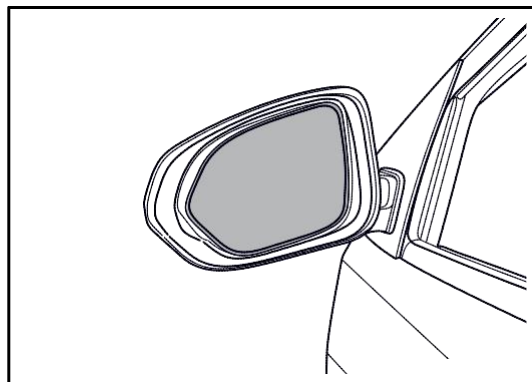
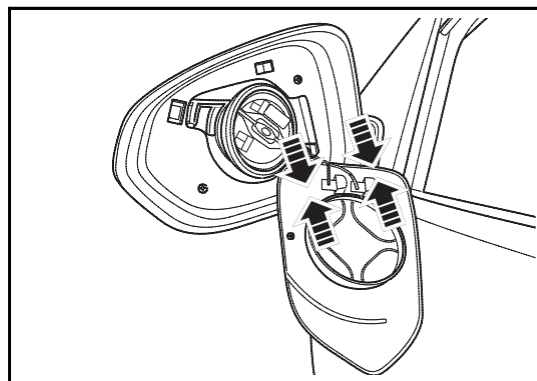
(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove window of outside rearview mirror
 - 1). Rotate window of outside rearview mirror to limit position along vertical direction;
 - 2). Pry fixed plastic buckle behind window of outside rearview mirror;
- 3). Disconnect wiring harness connector of outside rearview mirror;
- 4). Take down window assembly of outside rearview mirror;



(II) Installation

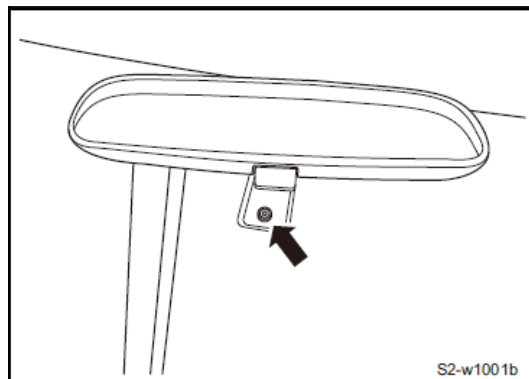
1. Install window assembly of outside rearview mirror
 - 1). Connect wiring harness connector of outside rearview mirror assembly;
 - 2). Tighten buckles on window assembly of outside rearview mirror;
2. Connect battery negative electrode
3. Close engine compartment cover



XII、Inner Rearview Mirror Assembly

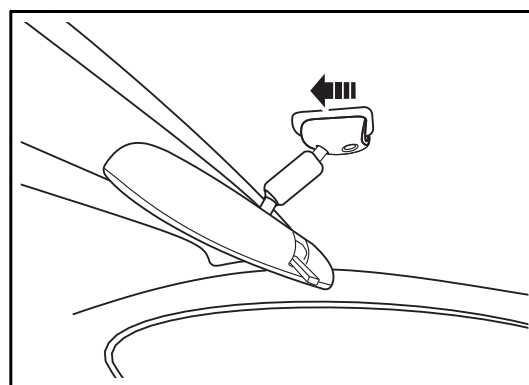
(I) Removal

1. Remove inner rearview mirror assembly
 - 1). Loosen fixed bolt on inner rearview mirror assembly base seat;



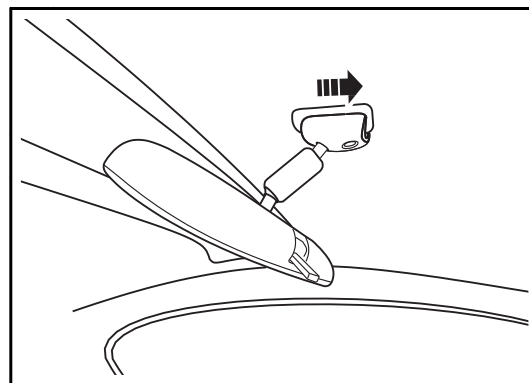
- 2). Slip inner rearview mirror assembly upward, remove inner rearview mirror assembly from base seat;

△ Note Inner rearview mirror assembly seat is bonded to front windshield, if need maintenance, please special adhesion agent to bond to front windshield.



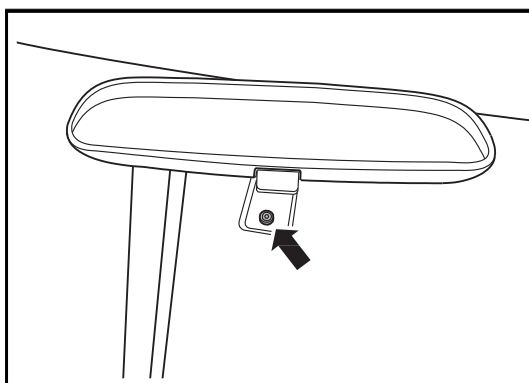
(II) Installation

1. Install inner rearview mirror assembly
 - 1). Slip inner rearview mirror assembly downward, and install inner rearview mirror assembly to base seat;



- 2). Tighten fixed bolt on base seat of inner rearview mirror assembly;

Tighten torque 1.1~1.9N m

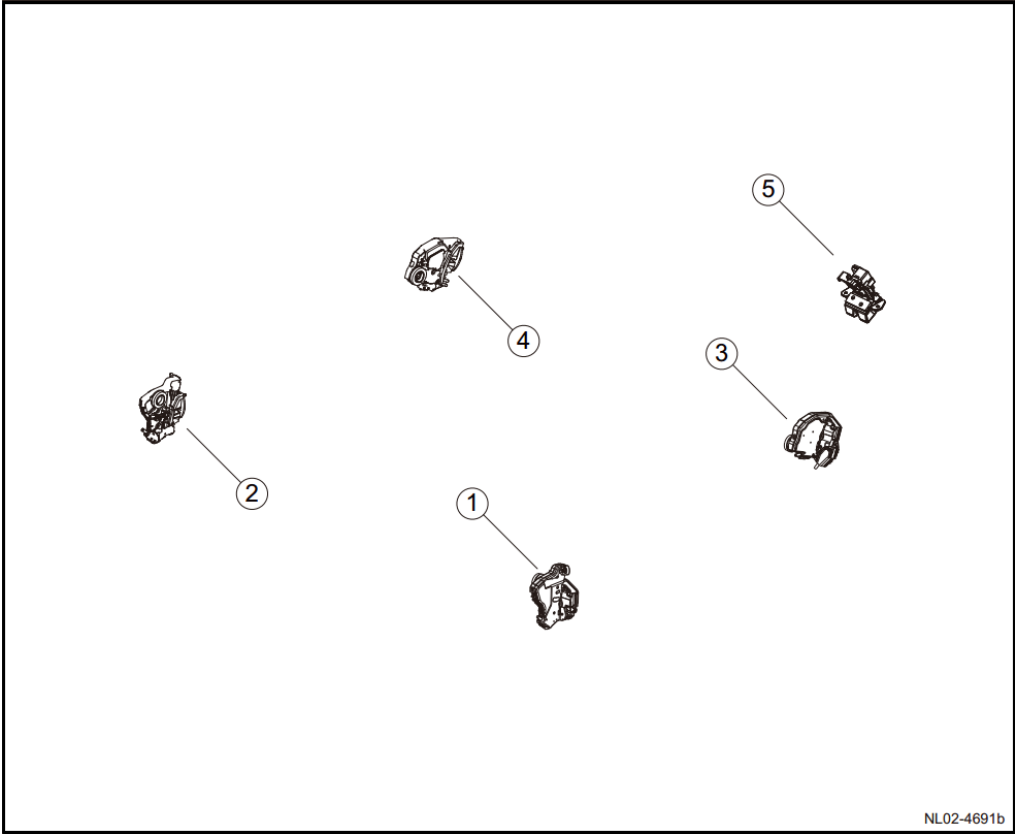


Central Control Door Lock System

I、Summary

(I) Structure Overview

Component Location Diagram



1. Left front side vehicle door lock and fastener assembly
2. Right front side vehicle door lock and fastener assembly
3. Left rear side vehicle door lock and fastener assembly
4. Right rear side vehicle door lock and fastener assembly
5. Tail door lock assembly

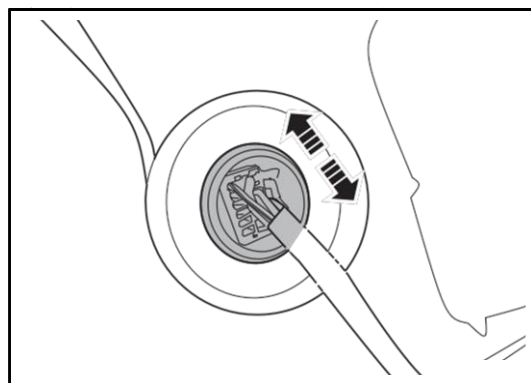
(II) Torque Parameter

No.	Item	Torque （N·m）
1	Fixed bolt of vehicle door lock and fastener assembly	7~9
2	Fixed bolt of lock hook assembly	13.5~17.5
3	Fixed bolt of tail door lock assembly	7~11
4	Fixed bolt of tail door lock hook	20~30

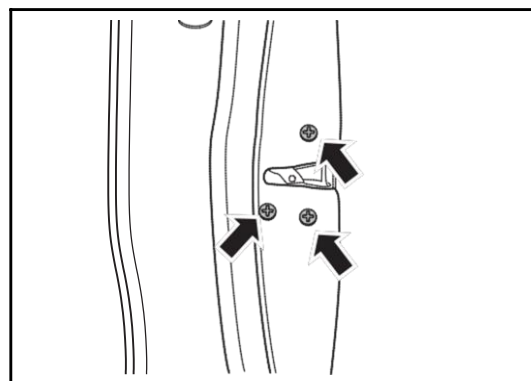
II、Front Side Vehicle Door Lock and Fastener Assembly

(I) Removal

1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove front door triangle window cover plate assembly Refer to "Front door trim panel assembly "
4. Remove front door trim panel assembly Refer to "Front door trim panel assembly "
5. Remove installation bracket of front door inclined handle Refer to "Waterproof membrane of front vehicle door "
6. Remove waterproof membrane of front vehicle door Refer to "Waterproof membrane of front vehicle door "
7. Remove inner water splitting strip of front side vehicle door Refer to "Inner water splitting strip of front side vehicle door "
8. Remove front side vehicle door window Refer to "Front side vehicle door window "
9. Remove guide groove of front side vehicle door window Refer to "Guide groove of front side vehicle door window "
10. Remove outer handle lock core of front vehicle door(left) Refer to "Left outer handle lock core of front vehicle door "
11. Remove front side vehicle door lock and fastener assembly
 - 1). Disconnect wiring harness connector of front side vehicle door lock and fastener assembly;



- 2). Remove 3 fixed bolts connecting front side vehicle door lock and fastener assembly and vehicle door, disconnect connection of lock swing arm and outer handle bar, and take down front side vehicle door lock and fastener assembly;



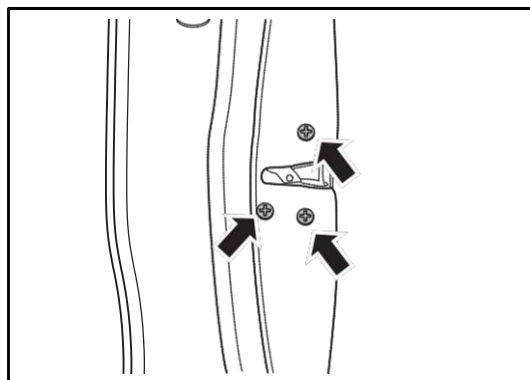
(II) Check

1. Check front side vehicle door lock and fastener assembly
 - 1). Check whether riveting parts of lock and movement parts spread lubricant;
 - 2). Check whether riveting parts are fastened;
 - 3). Check there is clamping, abnormal sound in movement parts;
 - 4). Check whether coat-painting layer and chemistry treatment layer of metal components are even, whether there is obvious fault;

(III) Installation

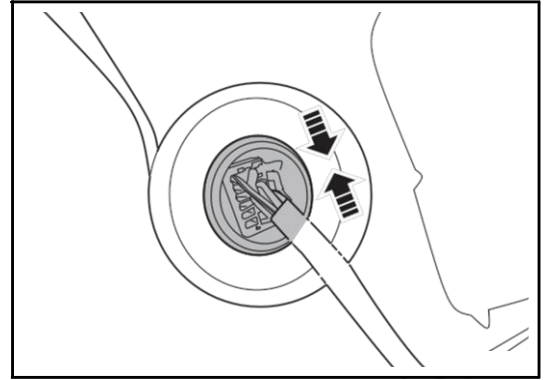
1. Install front side vehicle door lock and fastener assembly
 - 1). Connect lock swing arm and outer handle bar, and install 3 fixed bolts connecting front side vehicle door lock and fastener assembly and vehicle door;

Tighten torque 7~9N·m



- 2). Connect wiring harness connector of front side vehicle door lock and fastener assembly;

△ Note Check whether door can open and close normally after installing, whether door lock is firmly. If not, please re-install or adjust.

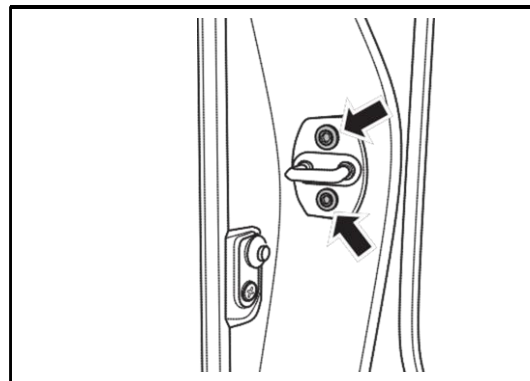


2. Install outer handle lock core of front vehicle door
3. Install guide groove of front side vehicle door window
4. Install front side vehicle door window
5. Install inner water splitting strip of front side vehicle door
6. Install waterproof membrane of front vehicle door
7. Install installation bracket of front door inclined handle
8. Install front door trim panel assembly
9. Install front door triangle window cover plate assembly
10. Connect battery negative electrode
11. Close engine compartment cover

III、Lock Hook Assembly

(I) Removal

1. Remove lock hook assembly
 - 1). Mark lock hook position relative to vehicle body;
 - 2). Remove 2 fixed bolts connecting lock hook and vehicle body;
 - 3). Take down lock hook assembly;



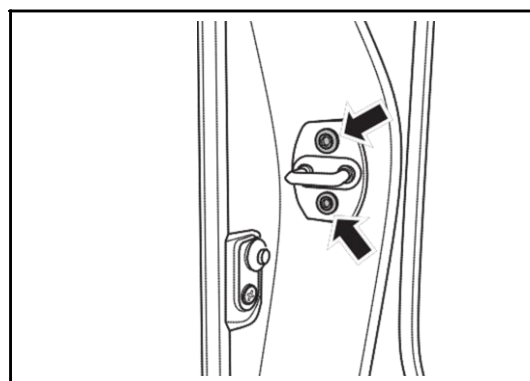
(II) Adjustment

1. Adjust lock hook assembly
 - 1). Loosen lock hook bolt, move lock hook to required direction to make sure lock hook in middle of door lock;
 - 2). Tighten 2 fixed bolts of lock hook assembly;
 - 3). Close vehicle door, check whether surface difference, clearance is accord with requirement;

(III) Installation

1. Install lock hook assembly
 - 1). Place lock hook assembly to installation position, and tighten 2 fixed bolts;

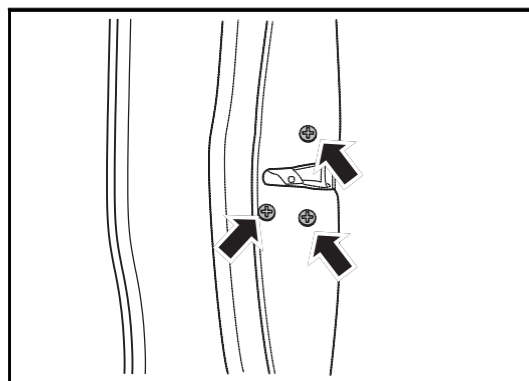
Tighten torque 13.5~17.5N m



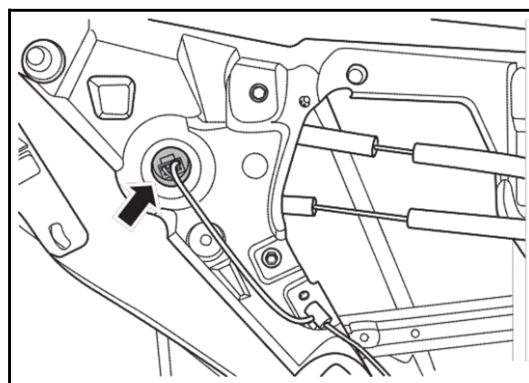
IV、Rear Side Vehicle Door Lock and Fastener Assembly

(I) Removal

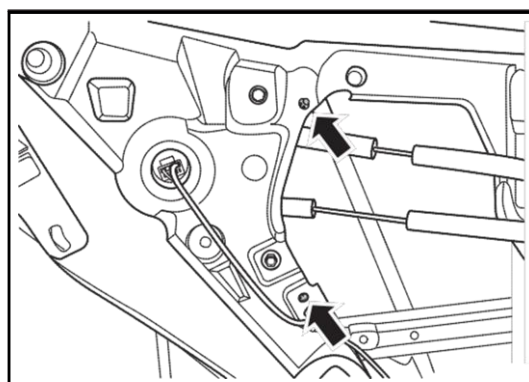
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove rear door triangle window cover plate assembly Refer to "Rear door trim panel assembly "
4. Remove rear door trim panel assembly Refer to "Rear door trim panel assembly "
5. Remove installation bracket of rear door handle panel Refer to "Waterproof membrane of rear vehicle door "
6. Remove waterproof membrane of rear vehicle door Refer to "Waterproof membrane of rear vehicle door "
7. Remove window guide groove of rear side vehicle door Refer to "Window guide groove of rear side vehicle door "
8. Remove rear side vehicle door lock and fastener assembly
 - 1). Remove 3 fixed bolts connecting side vehicle door lock and fastener assembly and vehicle door;



- 2). Disconnect wiring harness connector of rear side vehicle door lock and fastener assembly;



- 3). Disconnect connection of rear side vehicle door outer open wiredrawing assembly and vehicle door;
- 4). Take down rear side vehicle door lock and fastener assembly;



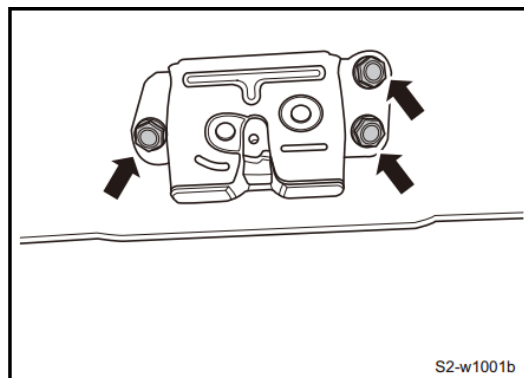
(II) Check

1. Check rear side vehicle door lock and fastener assembly;
 - 1). Check whether riveting parts of lock and movement parts spread lubricant;
 - 2). Check whether riveting parts are fastened;
 - 3). Check there is clamping, abnormal sound in movement parts;
 - 4). Check whether coat-painting layer and chemistry treatment layer of metal components are even, whether there is obvious fault;

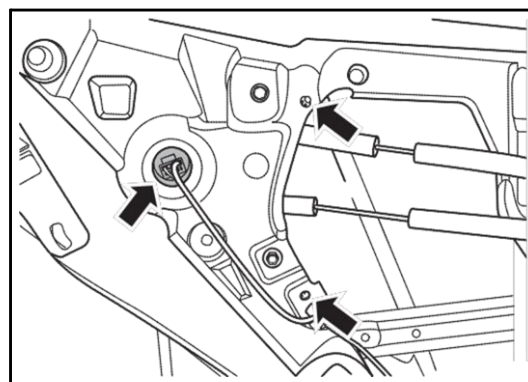
(III) Installation

1. Install rear side vehicle door lock and fastener assembly
 - 1). Place rear side vehicle door lock and fastener assembly to installation position, and tighten 3 fixed bolts connecting rear side vehicle door lock and fastener assembly and vehicle door;

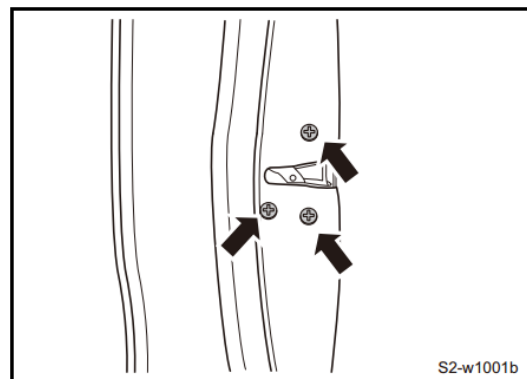
Tighten torque 7~9N·m



- 2). Connect wiring harness connector of rear side vehicle door lock and fastener assembly;
 - 3). Install rear side vehicle outer opening wiredrawing to relative position of vehicle door;
- △ Note Check whether door can open and close normally after installing, whether door lock is firmly. If not, please re-install or adjust.



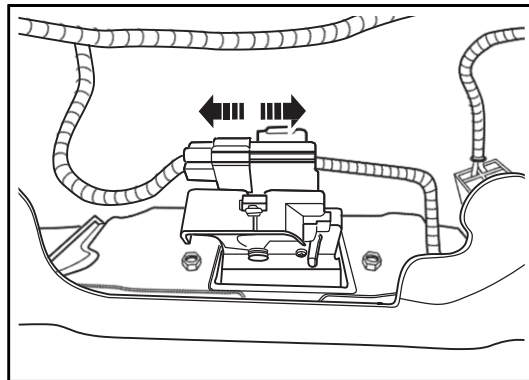
2. Install window guide groove of rear side vehicle door
3. Install waterproof membrane of rear vehicle door
4. Install installation bracket of rear door handle panel
5. Install rear door trim panel assembly
6. Install rear door triangle window cover plate assembly
7. Connect battery negative electrode
8. Close engine compartment cover



V、Tail Door Lock Assembly

(I) Removal

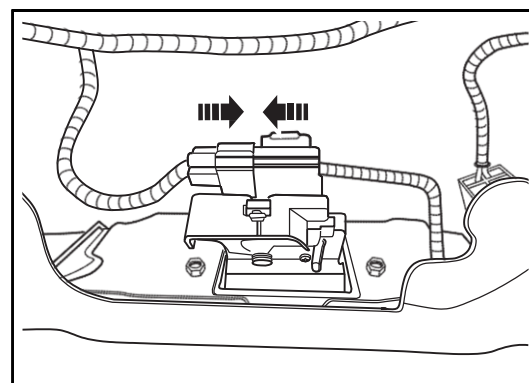
1. Open engine compartment cover
2. Disconnect battery negative electrode
3. Remove tail door trim panel assembly Refer to "Tail door trim panel assembly "
4. Remove tail door lock assembly
 - 1). Remove 3 fixed bolts of tail door lock assembly;



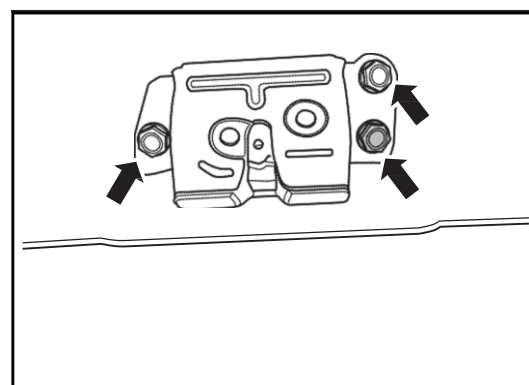
- 2). Disconnect wiring harness connector of tail door lock assembly from inside of tail door;
- 3). Take down tail door lock assembly;

(II) Installation

1. Install tail door lock assembly
 - 1). Place tail door lock assembly to installation position, and connect wiring harness connector from inside of vehicle door;



- 2). Tighten 3 fixed bolts of tail door lock assembly;
Tighten torque 7~11N m

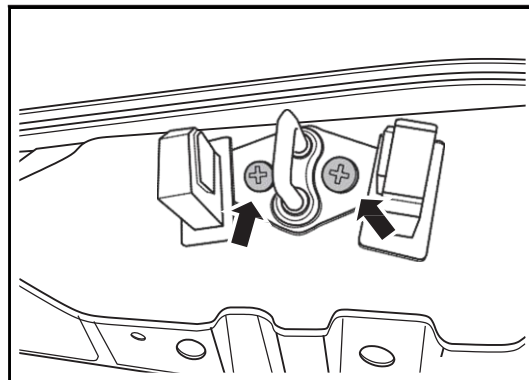


2. Install tail door trim panel assembly
3. Connect battery negative electrode
4. Close engine compartment cover

VI、 Tail Door Lock Hook

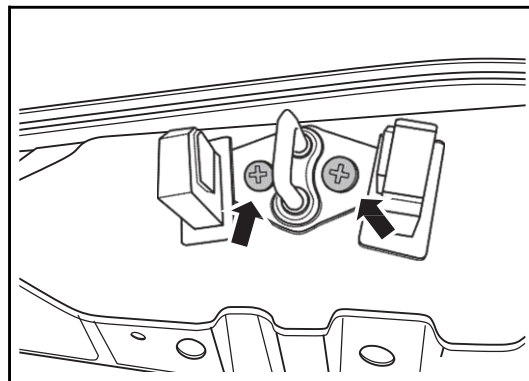
(I) Removal

1. Remove tail door threshold assembly
2. Remove tail door lock hook
 - 1). Remove 2 fixed bolts of tail door lock hook;
 - 2). Take down tail door lock hook;



(II) Installation

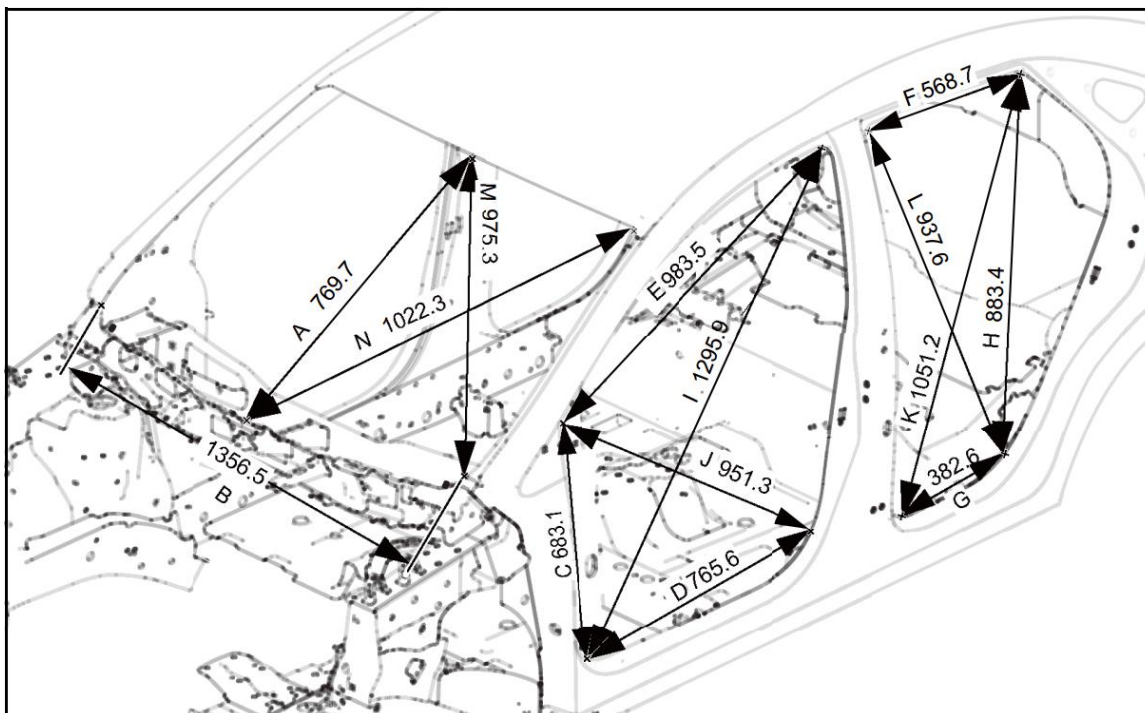
1. Install tail door lock hook
 - 1). Place tail door lock hook to installation position, and tighten 2 fixed bolts;
Tighten torque 20~30N·m
2. Install tail door threshold assembly



Data of Vehicle Body

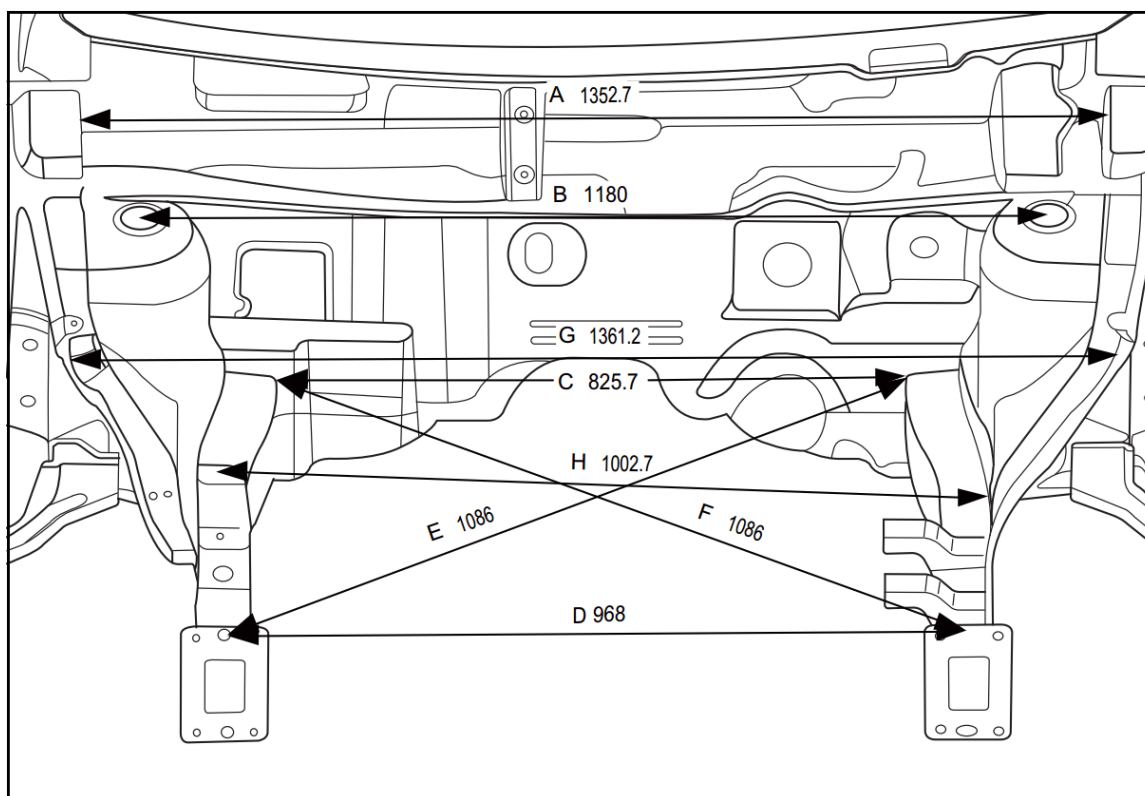
(I) Body in white

In the process of body repair, the dimensions of white body should be checked by maintenance personnel please, in order to ensure the performance of cars, and serve you better.



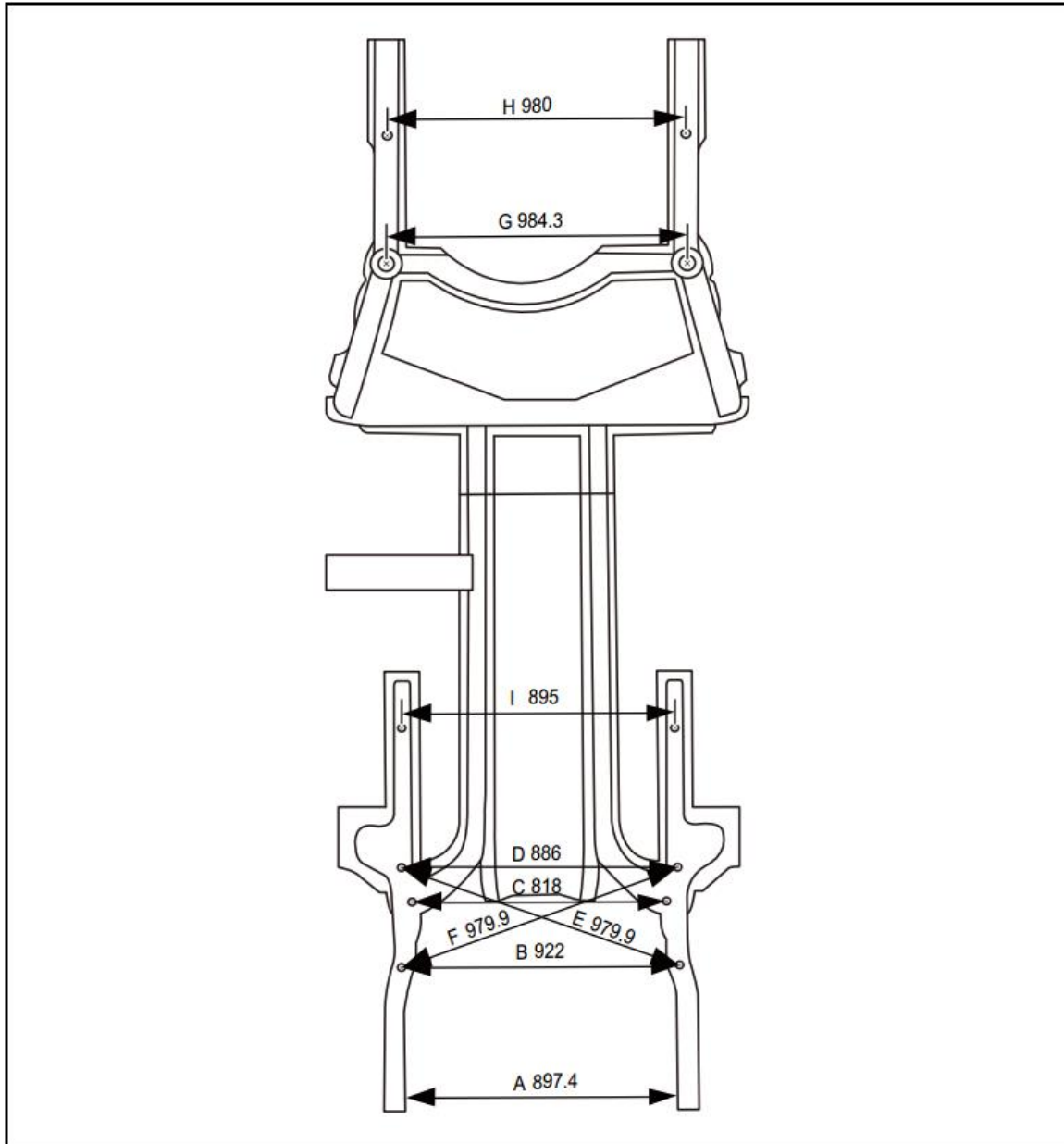
Location of measurement	Position information	Data(mm)
A	Distance between the middle of top cover and the middle of outer cover on the ventilating cover	769.7
B	R angular space of left and right-side outer panel and the lower windshield spigot	1356.5
C	Length of spigot of the front door frame of A-pillar	683.1
D	Width of spigot on the front threshold	765.6
E	Space between A-pillar, B-pillar and R angular on the spigot of front door frame	983.5
F	Space between B-pillar, C-pillar and R angular on the spigot of front door frame	568.7
G	Width of the spigot of rear threshold	382.6
H	Height of rear door frame	883.4
I	Diagonal length between the front lower part and rear upper part of front door frame	1295.9
J	Diagonal length between the front upper part and rear lower part of front door frame	951.3
K	Diagonal length between the front upper part and rear lower part of rear door frame	1051.2
L	Diagonal length between the front lower part and rear upper part of rear door frame	937.6
M	Distance between the middle of top cover and the lower spigot of front windshield	975.3
N	Distance between the middle of outer cover on the ventilating cover and the upper spigot of front windshield	1022.3

(II) Engine compartment



Location of measurement	Position information	Data(mm)
A	Maximum width between left and right-side and connections of engine compartment	1352.7
B	Space between left and right center holes of mounting plate of front shock absorber	1180
C	Maximum length between two sides of rear part of front crossbeam of engine compartment	825.7
D	Space between left and right center holes of the front panel of front carling in the engine compartment	968
E	Diagonal distance from the front end of front carling of right engine compartment to crossbeam of front wall	1086
F	Diagonal distance from the front end of front carling of left engine compartment to crossbeam of front wall	1086
G	Distance of side beam outer plate of left/right wheel cover	1361.2
H	Width of front crossbeam connection side of engine compartment and rear mounting bracket of right suspension	1002.7

(III) Beam Data



Location of measurement	Position information	Data(mm)
A	Space of the inner wall of the left and right front girder	897.4
B	Space of front mounting hole of left and right front frame	922
C	Space of middle mounting hole of left and right front frame	818
D	Space of rear mounting hole of left and right front frame	886
E	Space of front mounting hole of left front auxiliary vehicle frame and rear mounting hole of right front auxiliary vehicle frame	979.9
F	Space of front mounting hole of right front auxiliary vehicle frame and rear mounting hole of left front auxiliary vehicle frame	979.9
G	Space of mounting hole of left and right rear frame	984.3
H	Space between left and right discharge hole of girder on the rear floor	980
I	Space of discharge hole on the rear of girder after the left and right engine compartment	895