Chapter One Engine hood and Luggage Boot

I. Disassembly of Engine hood

1. Unfasten the fixing nut on the radiator grille and take out the radiator grille outwards.



2. Screw out the spring cushion of engine hood.

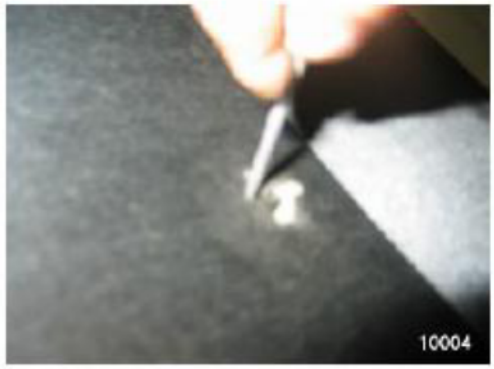


3. Loosen the cleaning hose.



4. Pry out the water spray nozzle.





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5. Apply the special tool to pry out 12 fixing clips, and remove the heat shield.



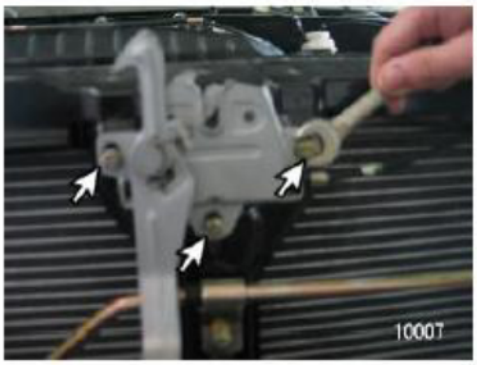
Assemble in the reverse order of disassembly.

Adjustment of engine hood

As the centering bolts are the engine hood hinge fixing bolts, it is necessary to replace them with the bolts with washer, or it will be difficult to adjust the engine hood.

Adjust the engine hood in the forward, backward and vertical direction

Unscrew the hinge bolts in the side of engine hood, and adjust the hood.



Adjust the engine hood lock

Unscrew the fixing bolts on the hood lock, and adjust the engine hood lock.

Disassembly of Hood Lock Control Cable:

1. Disassemble the lower trim of instruments in the left side of vehicle. (See *Disassembly of Instrument Panel*)
2. Disassemble the lining of left fender. (See *Disassembly of Fender*)
3. Remove the hood lock, loosen and take out the cable.

Assemble in the reverse order of disassembly.

Assembling requirements: The adjustment of front hood lock shall ensure that the clearances around the front hood are uniformly 9±l mm, with uniform height:

The tightening torque of front hood lock bolts is 14±2 N·m.

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Disassembly of Luggage Compartment Door

1. Pull out the car floor mat.



2. Unclip the clip of left side shroud.



3. Apply the clip remover to disassemble the wiring clip, and uncouple the wiring harness.





4. Remove four bolts and the door.
   For assembly, its procedure is opposite to that of disassembly.



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Replacement of Luggage Boot and Hinge

1. Remove the rear seat assy. (See Disassembly /Assembly of Seat).
2. Disassemble the rear package tray assy. (See Disassembly of Rear Blind--Brake Lamp).
3. Remove the four bolts of luggage compartment door, and support the boot door.
4. Remove the six fixing bolts from the rear package tray.



Disassembly of Luggage Compartment Door

1. Disassemble the lock core

① Disconnect the connecting rod from the lock core.

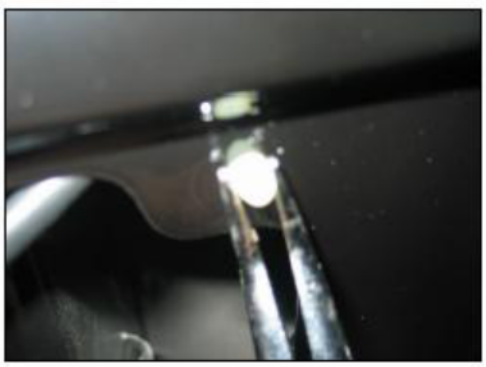


② Loosen the fixing bolts, and take out the lock core.



2. Disassemble the luggage boot lock

① Take out the clip and detach the connector plug of motor





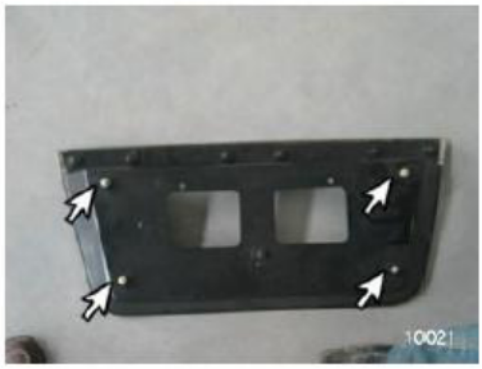
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② Loosen the two screws of door lock and remove the luggage boot lock.

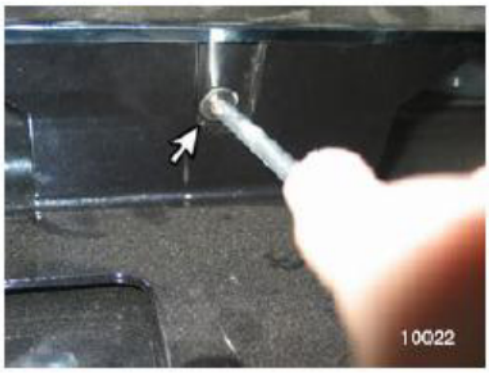


③ Remove the license plate.

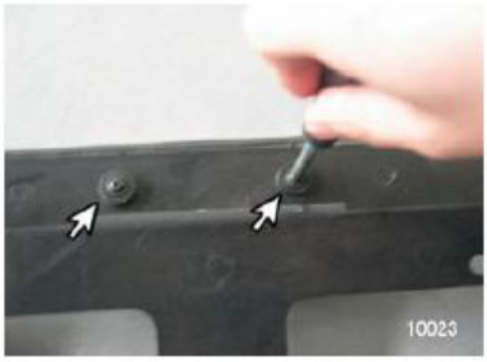
④ Remove four fixing bolts and one screw from the license plate, and detach the bracket.







⑤ Unscrew the fixing screw on the chromed moulding, and remove the chromed moulding.





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3. Disassemble the license lamp

① Unscrew the clip screw, and take out the clip.

② Unclip the harness clip and pull out the harness insert and remove the licence lamp.





4. Disassemble the trim rear cover.
Unscrew the four fixing screws, and remove the two clips.





Assemble in the reverse order of disassembly.

Assembling requirements: The adjustment of luggage boot lock shall ensure that the left/right clearance between the boot cover and rear side of vehicle is uniformly 5±0.5 mm, and its height shall also basically uniform with error Φ of 0.5 mm. and the tightening torque of set screw is 9±1 N·m. Luggage boot wheelhouse left/right trim assy. The contact part between the periphery of carpet and luggage boot weather seal shall be wrapped in the lip of weather seal, and both match well. The contact part with the upper shield of C column shall be placed inside the shield. And any part of the trim assy. shall be assembled in its proper position, which adheres perfectly to the body of a vehicle. The clips of luggage boot carpet shall be placed just in the gap of luggage compartment rear trim. Its two sides shall attach tightly to the edge fold of luggage boot wheelhouse left/right trim. And it shall adhere perfectly to the rear floor of body after assembly.

Disassembly of Rear Luggage Compartment Weather Strip:

1. Loosen the harness of rear luggage compartment door.

2. Unscrew the four fixing bolts of rear boot door hinge (and make a note of marking).

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3. Remove the rear boot weather seal.



Assemble in the reverse order of disassembly.

When assembling, take care that the joint of luggage boot weather seal shall be placed in position of luggage boot lock. Any corner shall be assembled to its proper position, and it is prohibited that the folding occurs. The weather seal shall have appropriate hardness, and does not change considerably with the change of temperature.

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Chapter Two Exterior Accessories

Disassembly of Front Wheel Mud Guard

1. Loosen the three fixing bolts, and remove the front wheel mud guard.



2. Unscrew the two fixing screws of rear wheel mud guard, and remove the mud guard.





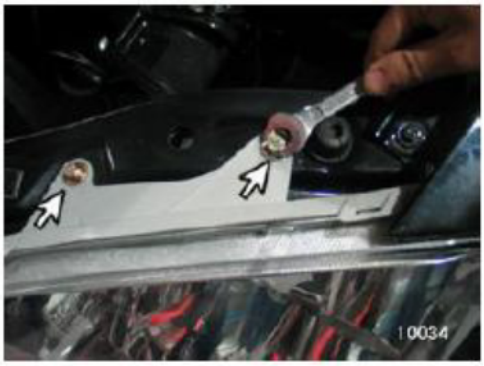
Assemble in the reverse order of disassembly.

Disassembly of Front Fender

1. Disassemble the headlamp

① Remove the three fixing bolts





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② Loosen the harness, and remove the Headlamp.



2. Disassemble the lining of front fender

① Remove the three fixing bolts on the front mud guard, and disassemble the mud guard (See Disassembly/Assembly of Blast Screen)

② Loosen the eight clip screws on the lining of ender, and remove them.





3. Disassemble the front bumper strip

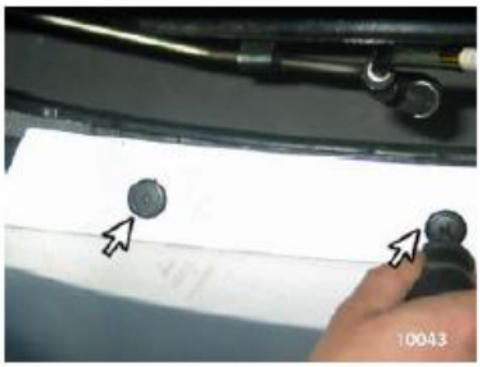
① Unscrew the four fixing screws for the front bumper strip.





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② Loosen the upper/lower twelve clip screws, and remove the clip.





③ Unfasten the left/right harnesses, and remove the front bumper strip.



4. Disassemble the exterior moulding of door frame

① Unscrew the six clip screws on the door frame trip, and remove the clip.





② Pull out the panel strip outwards.

5. Disassemble the fender.

① Unscrew the eight fixing bolts on the fender, and remove the fender.

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Assemble in the reverse order of disassembly. Make sure of the fit clearance between the hood and front bumper during assembly.

Disassembly of Fuel Tank

1. Disassemble the rear wheel mud guard.

   Unscrew the two fixing bolts, and remove the mud guard.

2. Disassemble the lining of rear wheel fender.

   Unscrew the three clip screws on the lining of fender and remove the clip, and then unscrew one fixing screw to remove the lining.





3. Open the fuel tank cap, and apply a screwdriver to force out the fixing clip of fuel filler pipe.



4. Unscrew the fixing bolts of fueler.



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5. Loosen the air pipe from the fuel tank to canister.



6. Loosen the fuel pump outlet and oil return pipe.



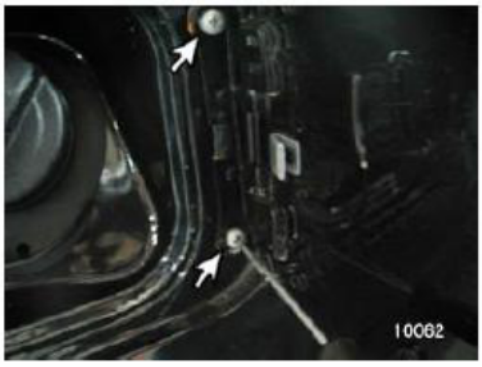
7. Unscrew the three fixing bolts on the saddle.



8. Remove the fuel tank, and disconnect the harness of fuel pump.

   Disassemble the fuel tank cap.

   Unscrew the two fixing bolts, and remove the fuel tank cap.



Assemble in the reverse order of disassembly.

Assembling requirements: The assemblage clearance between the fuel tank cap and the body shall be uniformly (3±0 5) mm. the maximum error of flatness between the edge of cover and the edge of rear fender is ±0 5 mm, which can't make an influence on its appearance.

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The assembled fuel tank cap's radian transition to the body shall be smooth without any defaults that may affect its appearance. The fuel tank cap shall be assembled and adjusted to its proper position without looseness and shaking, and the circlip shall have two sections of obvious tightening force when opening/closing the fuel tank cap. For the fuel tank cap with central door lock, its locking pins shall be adhered firmly, and the adhering position shall be accurate to ensure that the fuel tank lock can operate accurately and steadily.

Replacement of Fuel Tank Cap Guy

1. Remove the bumper moulding of front left and rear left door.
2. Disassemble the trim of left B column.
3. Remove the cushioning of rear seat (See Disassembly of Seat).
4. Remove the upper trim of spare tire.



5. Disassemble the trim inside the right boot.



6. Unscrew the two fixing bolts on the fuel tank handle and loosen the guy.
7. Turn the guy and pull out the fuel tank control cable.



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Chapter Three Interior Accessories

Disassembly of Roof Lining Cover:

Disassemble the following parts

1. Remove the weather strip from the door frame.



2. Remove the A column trim.



3. Remove the B column trim.





4. Remove the C column trim.



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5. Remove the left/right sun visor.





① Unscrew the three fixing screws on the sun visor.

② Disconnect the harness, and remove the sun visor.



6. Remove the front ceiling lamp (map lamp).

① Open the map lamp cover, and unfasten the two screws.







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② Pry out the glass cover of left/right map lamp from the front, and loosen the screws.





③ Detach the harness, and remove the wire of map lamp.



Assembling requirements: The metal clips of pillar trim shall be assembled to its proper position, without the looseness phenomenon. The shield shall match better with the ceiling and weather strip. The adjusting baffle of seat belt tied on B and C upper shields shall operate freely and smoothly without influencing the adjustment of seat belt. The tightening force of screw shall be appropriate to ensure that no looseness phenomenon occurred when the sun visor operates normally. The sun visor shall operate freely and smoothly when it works normally, without such phenomena as noise, seized and etc. The fixed mounting shall be able to clamp the sun visor well, and it is prohibited that the sun visor falls down during operation. The positions of assembly holes of sun visor, passenger armrest and ceiling fixing clip shall correspond to the positions of screw holes of vehicle body, with the tolerance of central engagement factor of ±1.5 mm, to ensure that the sun visor, passenger armrest and fixing clip are assembled to its proper positions without any influence on the appearance. The height of the front end of ceiling shall not disturb the assembly of front windshield, and the corner of front end of ceiling shall be invisible from the outside, the viewing angle of which shall be in the horizontal direction with the same height as the roof. The rim of ceiling shall match well with the door opening weather seal and luggage weather seal, without the exposure of ceiling's corner and untightness of edge. And it is prohibited that there are the warp outward and sag in the corner of ceiling, which may cause the fit unevenness of pressing plates of weather seal. The arch of rim of ceiling shall match well with that of the upper shield of A, B and C columns, and the fit clearance shall be less than 0.2 mm.
Assemble in the reverse order of disassembly.

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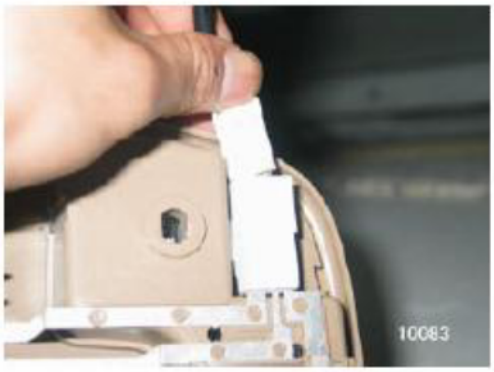
Disassembly/Assembly of Rear Seat Reading Lamp

1. Pry out the glass cover.



2. Unscrew the two fixing screws, and detach the harness and remove the reading lamp.





Disassembly of Three Auxiliary Handgrip

1. Pry out the decorative cover.



2. Unscrew the two fixing screws and remove the and grip.



Assemble in the reverse order of disassembly.

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Disassembly of Fixed Mounting of Rear Curtain

1. Pry out the fixed mounting.



2. Pull out the inner roof downwards slowly from the front windshield.



3. Please take care the inside and outside of shield lining after filling adhesive during reassembly.

Disassembly of Floor Carpet

Disassemble the following parts:

1. Remove the cushioning of front/rear seat. (See Disassembly of Seat)
2. Remove the front/rear saddle. (See Disassembly of Instruments)
3. Remove the front/rear door frame plates and B column trim. (See Disassembly of Seat Belt)



4. Pry out the bolt cover of left foot pedal.



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5. Remove the two fixing bolts for left foot pedal pad.



6. Remove the fixing bolts for the exterior trim of fuel tank cap switch, and take out the exterior trim

Assemble in the reverse order of disassembly. Assembling requirements: The doorsill platen shall be edged into the lower shield of B column, and the both ones shall match well, without ripple and other phenomena. All parts of platen shall be assembled in its proper positions, and fully attach to the floor of vehicle body, without any swollen color, wrinkle and other defects.

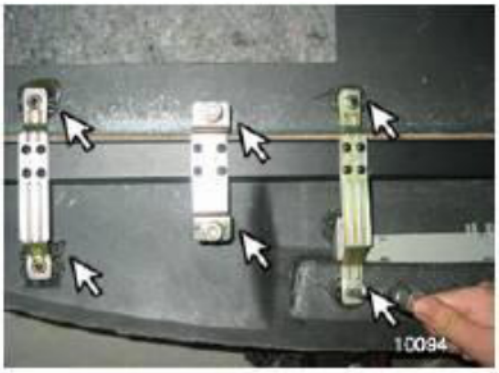
Disassembly of Rear Manual Curtain Infolding and Window Brake Lamp

1. Disassemble the rear seat assy. (See *Disassembly of Seat*)
2. Unscrew the fixing bolts of seat belt and seat plate. (See *Disassembly of Seat Belt*)
3. Unscrew the four fixing nuts
4. Take out the trim, unscrew the eight fixing bolts, and remove the rear curtain



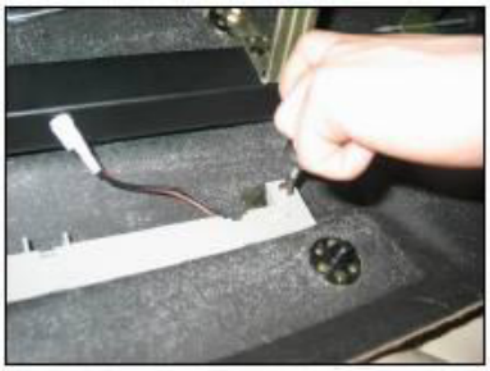






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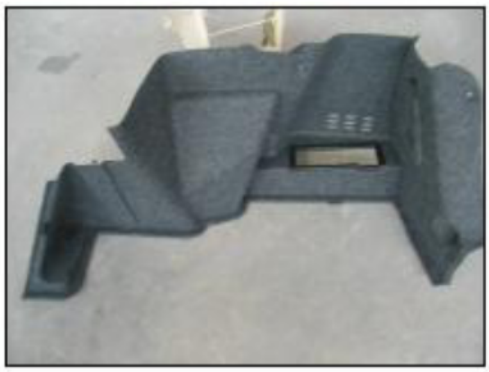
5. Unscrew the two cross screws, and remove the high mount brake lamp



Assemble in the reverse order of disassembly.

Disassemble the Left-side Storage Box

l. Apply the special tool for clip to remove the fixed clips, and take out the luggage boot wheelhouse right trim assy.



Disassemble CD Cartridge

Loosen the three nuts on the CD cartridge and take out CD player, and detach the harness.



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Chapter Four Front Door

Front Door

Disassembly and Assembly



1. Disassemble the front door frame plate. (Fig.0108)

2. Detach the front corner of floor carpet, and disconnect the harness of vehicle door.

3. Remove the door stopper from the body of vehicle.

4. Support the door while releasing the four bolts of hinge on the side of vehicle body, remove the door

Assemble in the reverse order of disassembly.

Adjustment of Front Door

Adjust the front door in the forward, backward and vertical directions.

Apply the special tool to unscrew the body hinge bolts, and adjust the door.

Adjust the door in the leftward, rightward and vertical directions.

Unscrew the door-side hinge bolts to adjust the door.

Replacement of Door Hinge

1. Disassembly/Assembly of mud guard and fender lining.

① Remove the tire.

② Remove the mud guard.

③ Remove the fender lining

2. Support the door, unscrew the four fixing bolts on the upper and lower hinges, and remove the hinges

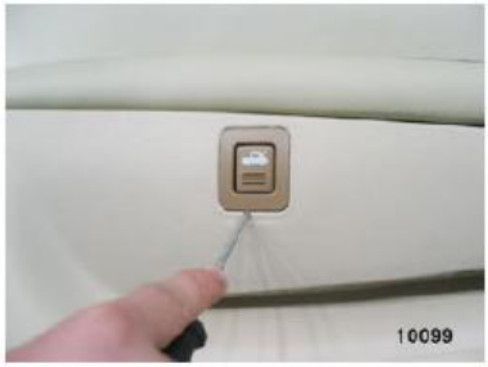
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Disassembly of Front Door

Trim Plate

Disassembly and Assembly

1. Apply a screwdriver to pry out the two clips, and remove the trim.
2. Apply a screwdriver to pry outwards the tail gate opening switch, and remove the bolts.



3. Apply a screwdriver to pry outwards the bolt trims on the inside handle.



4. Unscrew the two fixing bolts on the inside handle

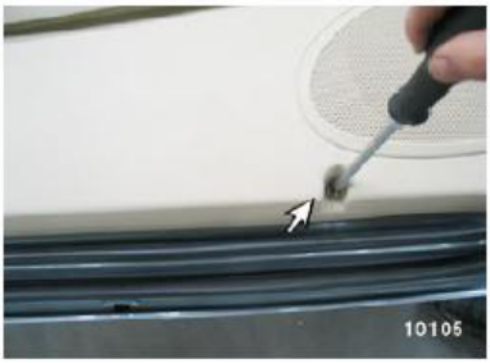


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5. Screw out the door lock button.



6. Remove the five fixing bolts on trim plate.





7. Insert the screw into the gap between the panel and trim, and remove the clip.



8. Draw out the whole trim piece towards the interior of vehicle.

Assemble in the reverse order of disassembly.

Assembling requirements: measures should be taken to prevent the working area rinsed from being dirtied during disassembly and assembly. It is very important to keep clean when conducting these operations. The fit clearance between the door panel and door inner panel shall be uniform, and the torque of fixing screw shall be 3±0.5Nm. The rinsing width of front/rear windshield shall be ensured between 15 to 17 mm. the width of primer ensured between 13 to 15 mm. the width of adhesive shall be 7 to 9 mm and its height 9 to 15 mm, without any adhesive leakage, overflow and etc after assembly. The clearance between the upper and lower of glass and that between the left side and right side shall be identical and uniform to ensure that they match well with the adhesive strips around them and the glass shall be sealed well, after rain test there shall no be any leakage and other defects.

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Door Weather Seal

Disassembly and Assembly



Pull the weather seal by hand, and, at the same time, apply the clip disassembling tool to remove all clips.

Remarks: Do not apply too much force to pull the weather seal suddenly so as to avoid damaging the seal.

Assembling requirements: All corners shall be assembled in their proper positions during assembly without wrinkle. The joint of weather seal shall be placed in the middle position under the door opening. The stiffness of weather seal shall be moderate, and shall not influence the opening and closing of door when the door lock and hinge are adjusted to the working condition. The hardness of weather seal shall be appropriate, and not change considerably with the change of temperature. The surface of adhesive strip shall have no defects such as stamping mark, deformation, warpage and etc, after assembly. The one end of platen of front doorsill platen assy. shall match well with the contact part of lower shield of A column or B column, the platen shall be assembled in its proper position, without looseness and other phenomena, and the carpet has no exposure and other defects after assembly.

Exterior Rear-View Mirror

Disassembly and Assembly



1. Remove the trim.
2. Detach the door panel and loosen the connector plug of harness.
3. Remove the three screws.



4. Disconnect the connector, and take out the rear-view mirror.

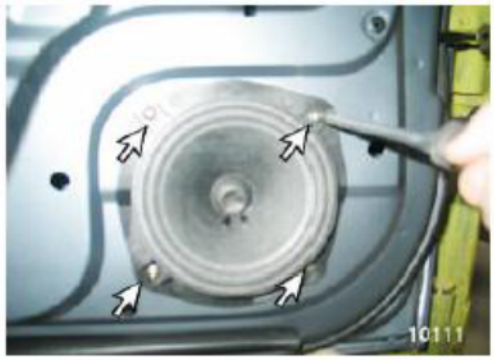
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Assemble in the reverse order of disassembly.

Assembling requirements: During assembly, it is necessary to ensure that the clearance between the gasket of rear-view mirror and the door outer plate is uniform. The tightening torque of screw shall be 5±0.5 N·m. After assembly, the rear-view mirror could be adjusted freely, flexibly and securely. The insertion piece of rear-view mirror shall be fixed inside the door panel.

Disassemble the Speaker Assy.

Unscrew the four fixing bolts and take out the speaker, and detach the harness plug.



Door Limiter

Disassembly and Assembly

1. Unscrew the two fixing bolts, and take out the limiter.



2. Remove the limiter.



Assemble in the reverse order of disassembly.

Assembling requirements: The tightening torque of bolt shall be 7.2±0.7 N·m. the torque of bolt mounted on the door post shall be 25±3 N·m, and the torque of bolt mounted on the door shall be 9±1 N·m. The door stopper shall operate flexibly and reliably without clamped, seized and etc. The lubricating grease shall be applied between the tower rod and slide block of the limiter.

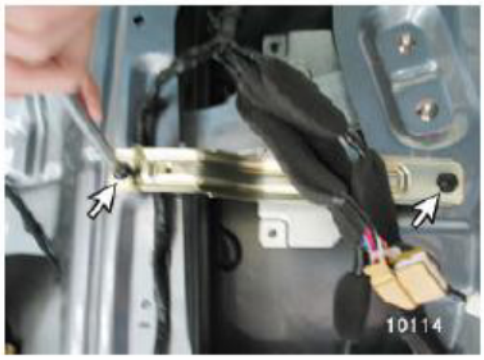
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Window Regulator Assy.

Disassembly and Assembly

1. Remove the glass, press down the switch to move the slide block to the position where the glass can be removed, and unscrew the self-tapping screws. (See photo of rear door)

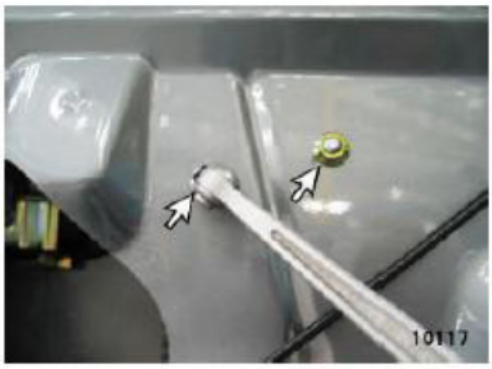
2. Unscrew the two fixing bolts on the trim support



3. Unscrew the seven fixing nuts on the door inner panel.

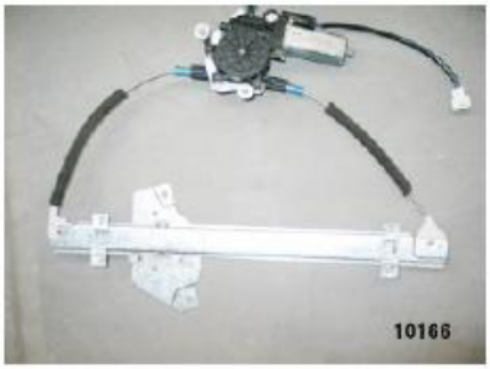






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4. Remove the window regulator assy.



Assemble in the reverse order of disassembly.

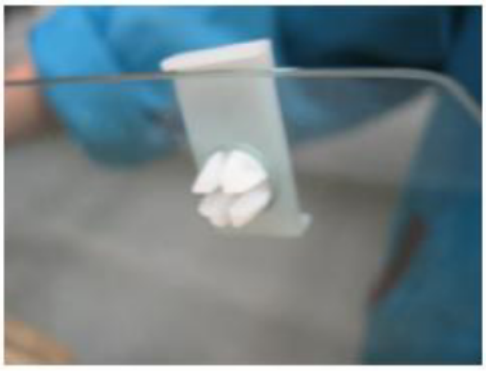
Assembling requirements: For the fixing bolts or nuts, their torques shall be M=7±1 N·m. it is required to ensure that the glass be able to up and down smoothly and easily after the completion of assembly and adjustment, without shaking, flapping, shocking and etc. electrical requirement: the time of up/down shall be no more than 5 s.

Glass and Glass run channel

Disassembly and Assembly

1. Press down the regulator switch to move the slide block to the position of fixing screw in where the glass can be removed.

2. Loosen the two screw supports on the glass.



3. Lift the glass upwards to remove it.



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4. Pull out the glass run channel gently.



Assemble in the reverse order of disassembly.

Front Door Glass Rail

Disassembly and Assembly

1. Remove the glass and glass run channel.
2. Unscrew the two fixing bolts on the rail, and remove the rail.





Assemble in the reverse order of disassembly.

Exterior Handle and Lock Core

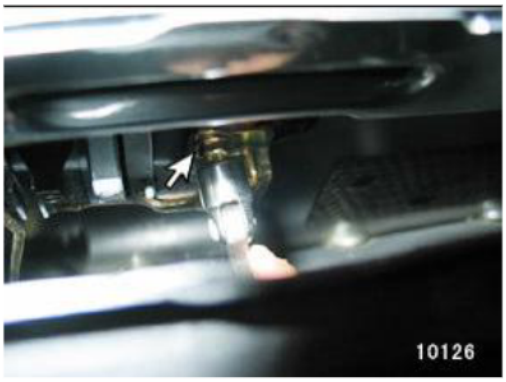
Disassembly and Assembly

1. Remove the door inner guard plate.
2. Unfasten the connecting rod.



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3. Unscrew the two fixing bolts, and remove the exterior handle.









4. Pry the circlip and remove the lock core.



Assemble in the reverse order of disassembly.

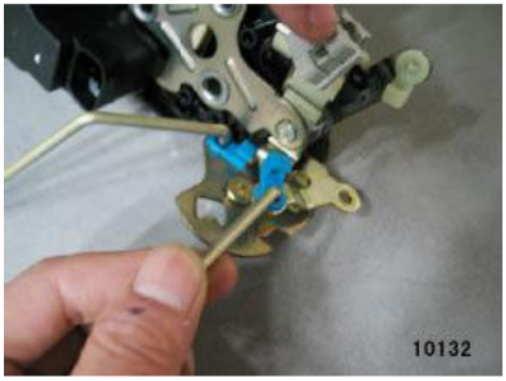
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Door Lock and Motor Disassembly and Assembly

1. Loosen the window regulator guide plate.



2. Unfasten the two connecting rods on the exterior Handle.



3. Unscrew the three fixing bolts on the door lock, and remove the door lock.
4. Unfasten the insertion piece with the harness.

Assemble in the reverse order of disassembly.

Assembling requirements: The sealant shall be applied in the middle part of fixing bolt of side door lock, and the tightening torque of bolt shall be 9±l N·m. The tightening torque of screw of the inner handle assy. shall be 1.5±0.15 N·m. the tightening torque of screw of the exterior handle assy. shall be 9±l N·m. and the side door handle shall fit tightly with the side door, with reliable sealing. The lock catch shall be placed in the central position of lock mechanism so that the lock can be locked or unlocked flexibly and smoothly, and the tightening torque of lock catch shall be 23±2 N·m.

Disassemble the Door Exterior Weather Strip

1. Unscrew the bolts.



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2. Remove the door glass (See Disassembly of Glass).

3. Apply the special tool for clip to push the clip inwards, and take out the clip upwards. Assemble in the reverse order of disassembly.



B column Protecting Cover

Disassembly and Assembly

1. Strip the door weather seal, and unscrew the four fixing bolts.

2. Remove the trim panel.



Assemble in the reverse order of disassembly.

Disassemble the Front

Door Combination Switch

1. Pry out the tail box switch, and unscrew the bolts.





2. Apply a screwdriver to pry out the switch from the rear.

Assemble in the reverse order of disassembly.

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Disassembly and Assembly of Rear Door

1. Remove the front door frame trim.



2. Remove the rear door frame trim.



3. Remove the B column trim panel.



4. Unfasten the connecting plug of door harness.



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5. Unscrew the fixing bolts of door limiter.



6. Support the door, and unscrew the four fixing bolts of hinge.



Assemble in the reverse order of disassembly.

The tightening torque of fixing bolt on the door shall be 56 N·m.

Replacement of Door Hinge

1. Unfasten the bolts of door limiter.



2. Support the door, unscrew the fixing bolt of hinge and remove the upper and lower hinge.



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Adjustment of Rear Door

Adjust the front door in forward, backward and vertical directions.

1. Apply a screwdriver to detach the front door frame trim panel.
2. Apply a screwdriver to detach the rear door frame trim panel.
3. Apply a screwdriver to detach the middle standing post trim panel.
4. Unscrew the front seat belt contractor bolts.
5. Apply a wrench to unscrew the body-side bolts so as to adjust the door.

Adjust the door in leftward, rightward and vertical directions.

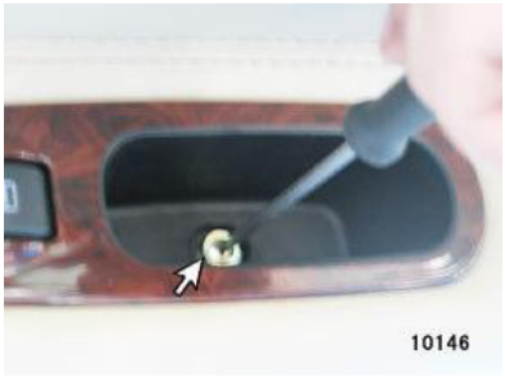
Unscrew the body-side hinge bolts to adjust the door.

Disassemble the Rear Door

Door Trim Plate

Disassembly and Assembly

1. Unscrew the fixing bolts of window regulator switch.



2. Pry out the switch.

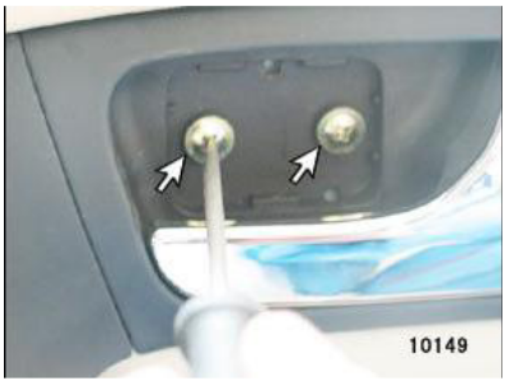


3. Pry out the cover on the inner handle cable.



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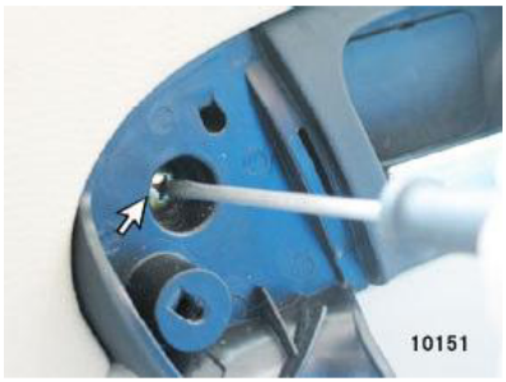
4. Unscrew the two fixing bolts.



5. Pry out the cover on the door inner armrest.



6. Unscrew the two fixing bolts.



7. Unscrew the two fixing bolts under the door inner guard plate.



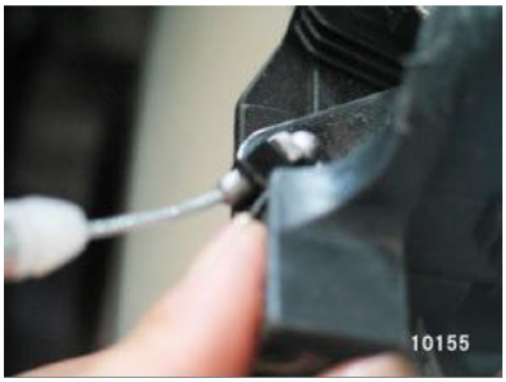


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8. Raise the trim panel towards the exterior of vehicle and pry it out with a screwdriver.



9. Detach the control cable on the inner handle, and remove the trim panel.



Assemble in the reverse order of disassembly.

Measures shall be taken to prevent the working area rinsed from being dirtied during disassembly and assembly. It is very important to keep clean when conducting these operations.

Assembling requirements: The fit clearance between the door panel and door inner panel shall be uniform, and the torque of fixing screw shall be 3±0.5Nm. The rinsing width of front/rear windshield shall be between 15 to 17 mm. the width of primer between 13 to 15 mm. the width of adhesive between 7 to 9 mm and its height 9 to 15 mm, without any adhesive leakage, overflow liquid and etc after assembly. the clearance between the upper and lower of glass and that between the left side and right side shall be identical and uniform to ensure that they match well with the adhesive strips around them. And the glass shall be sealed well, and there is no any leakage and other defects after rain test.

Disassemble the Speaker Assy.

Unscrew the four fixing bolts, and remove the audio horn.



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Door Weather Seal

Disassembly and Assembly

While pulling the weather seal by hand, apply the clip disassembling tool to remove all clips, and then take out the weather seal.

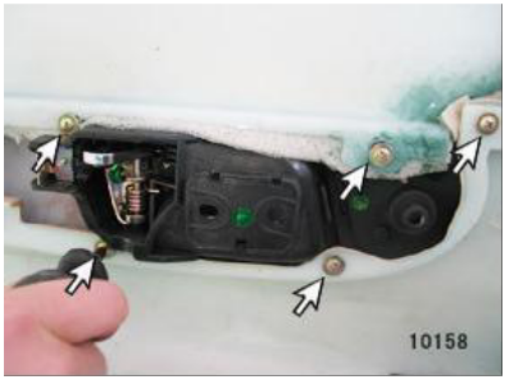


All corners shall be assembled into their proper positions during assembly without wrinkle.

The fit of weather seal with the body shall be with a certain clamping force, without falling down easily.

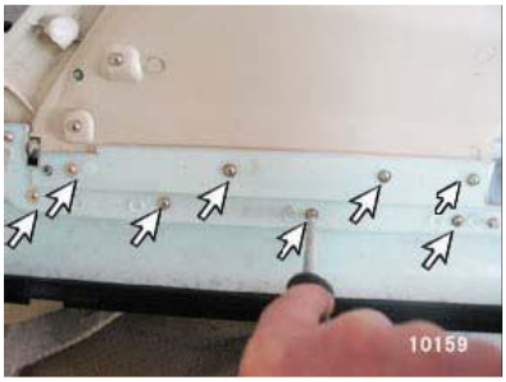
Disassemble the Inner Handle

Unscrew the five fixing bolts on the inner handle, and remove the inner handle.



Disassemble the Peach Plate

Unscrew the eight fixing bolts on the peach plate and remove the peach plate.

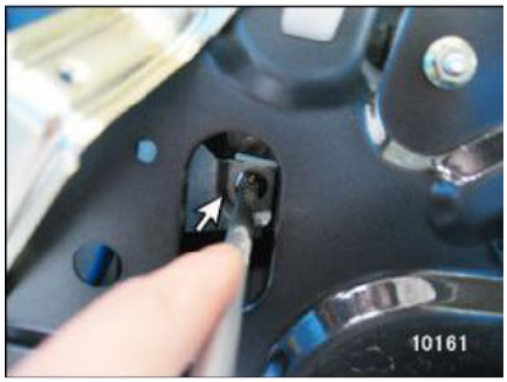


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Rear Door Glass and Glass Run Channel

Disassembly and Assembly

1. Unscrew the two fixing bolts on the glass bracket, and remove the glass.





2. Pull out the glass run channel.



Assemble in the reverse order of disassembly.

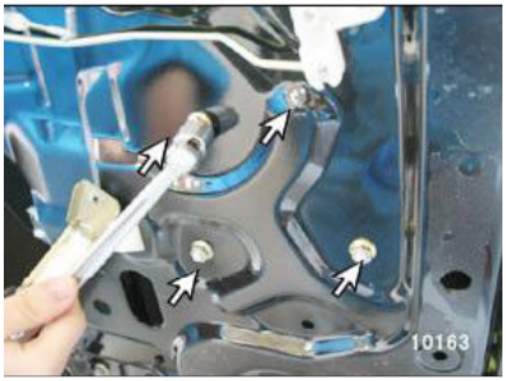
Assembling requirements: All corners all be assembled in their proper positions during assembly without wrinkle. The joint of weather seal shall be placed in the middle position under the door opening. The hardness of weather seal shall be appropriate, and not change considerably with the change of temperature. The surface of adhesive strip shall have no defect such as stamping mark, deformation, warpage and etc, after assembly. The one end of platen of front doorsill platen assy. shall match well with the contact part of lower shield of A column or B column. The platen shall be assembled in its proper position, without looseness and other phenomena. And the carpet has no exposure and other defects after assembly.

Window Regulator and Motor Assy.

Disassembly and Assembly

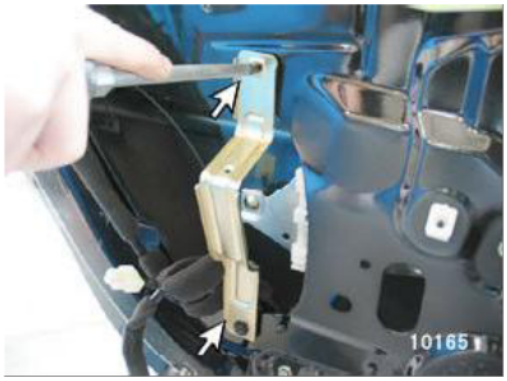
1. Remove the glass.
2. Remove the seven fixing nuts on the assy..

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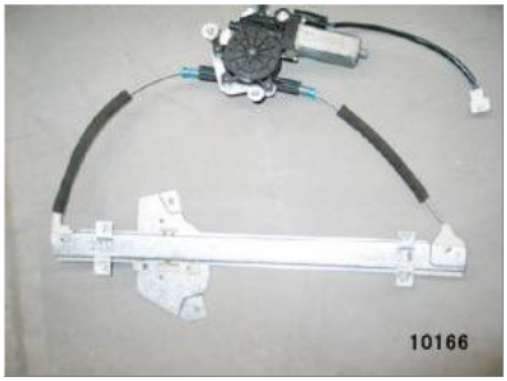




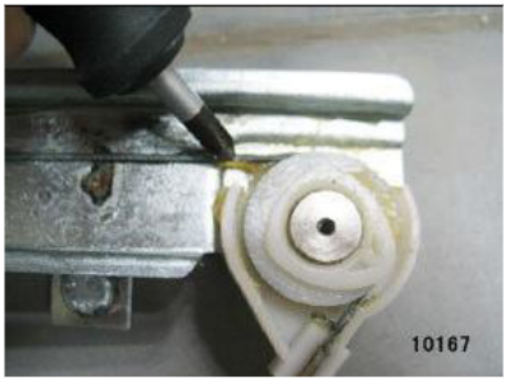
3. Remove the trim panel fixed support.



4. Loosen the motor harness connector, and remove the window regulator assy.



5. Take care to add lubricating oil to the slide block, and check there is no burr after adjustment.



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Assemble in the reverse order of disassembly.

Assembling requirements: For the fixing bolts or nuts, their torques shall be M=7±1 N·m. it is required to ensure that the glass can be able to up and down smoothly and easily after the completion of assembly and adjustment, without shaking, flapping, shocking and etc. and the electrical requirement: the time of up/down shall be 3±l s.

Door Exterior Handle and Lock Core Disassembly and Assembly

l. Unfasten the connecting rod.



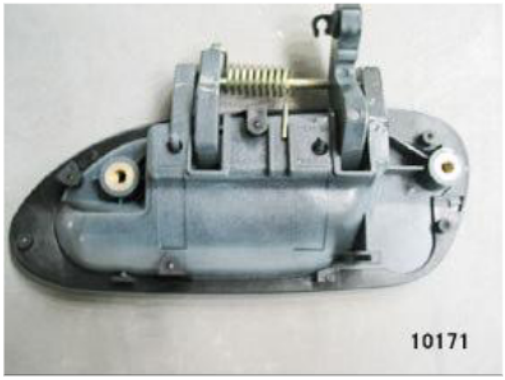
2. Unscrew the two fixing bolts.





3. Remove the exterior handle.

Assemble in the reverse order of disassembly.

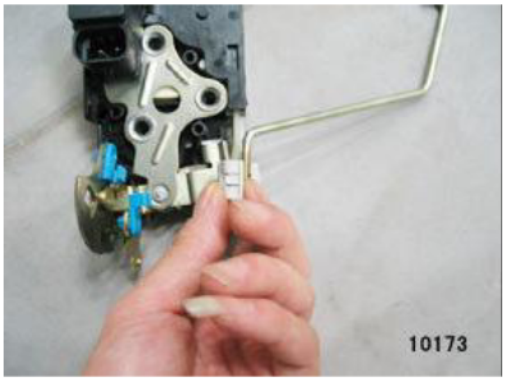


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Door Lock and Motor

Disassembly and Assembly

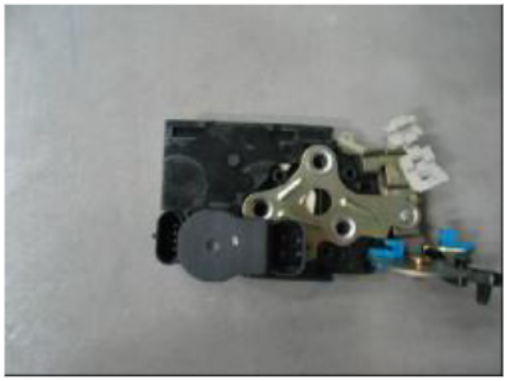
1. Unfasten the connecting rod.



2. Unscrew the three fixing bolts on the door lock.



3. Remove the door lock, and disconnect the harness connector.



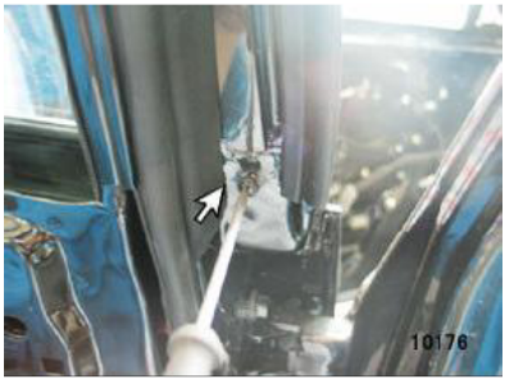
Assemble in the reverse order of disassembly.

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Glass Exterior Platen

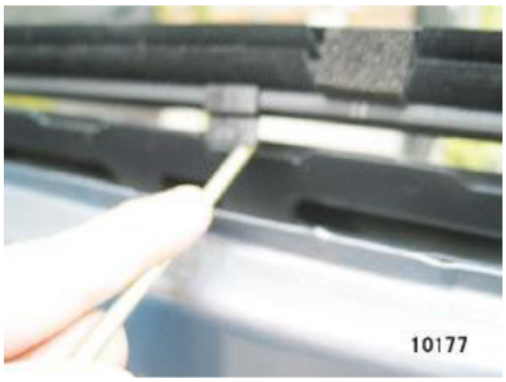
Disassembly and Assembly

1. Unscrew the bolts.



2. Remove the glass trim plate, glass conduit and quarter glass.

3. Apply the special tool for clip to push inwards the clip, and take out the pressing plate upwards.



Assemble in the reverse order of disassembly.

Disassemble the B Protecting Cover

Remove the weather seal, unscrew the four fixing bolts and take out the protecting cover.



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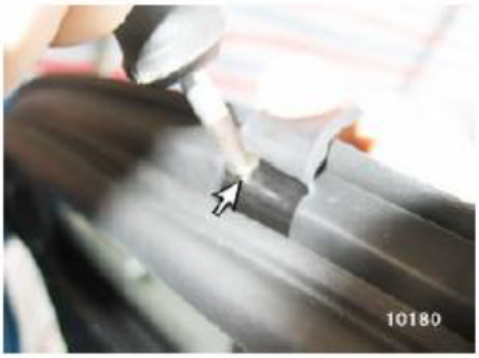
Quarter Glass

Disassembly and Assembly

1. Remove the glass up/down.
2. Remove the glass run channel.



3. Unscrew the two fixing bolts of glass rail.



4. Pull forwards the quarter glass to remove the quarter glass and weather seal



Assemble in the reverse order of disassembly.

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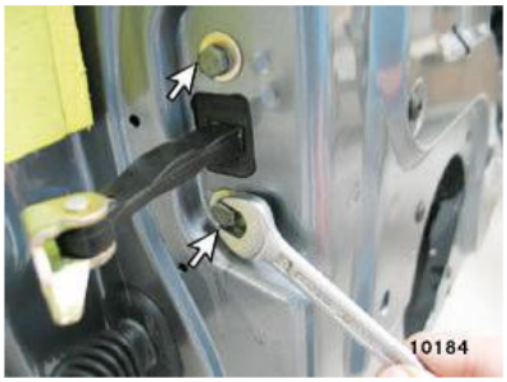
Door Limiter

Disassembly and Assembly

1. Remove the connecting bolts between the limiter and B column.



2. Unscrew the two fixing bolts between the limiter and door.



3. Remove the stopper code from the door cavity.



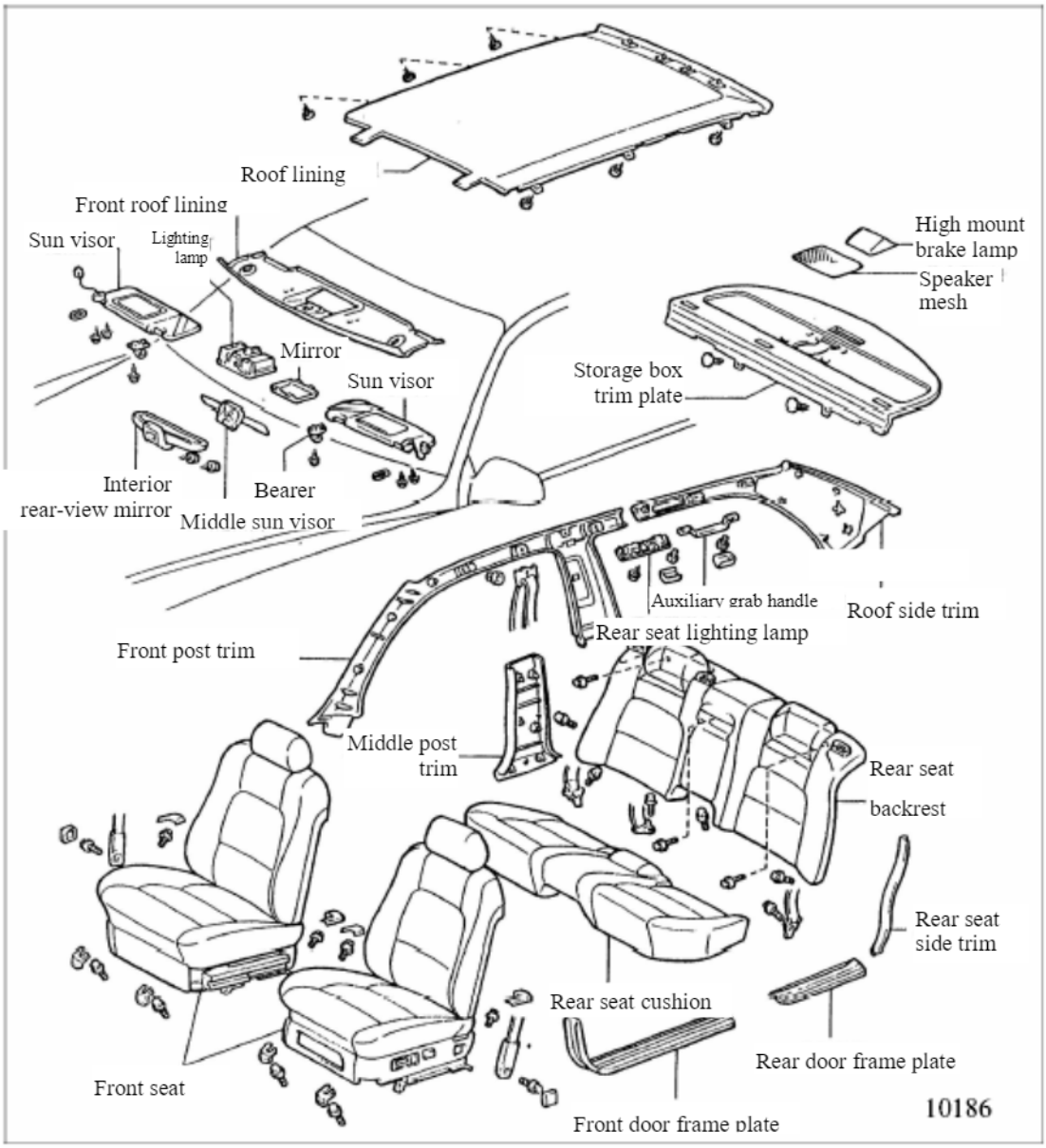
Assemble in the reverse order of disassembly.

Assembling requirements: The tightening torque of bolt shall be 7.2±0.7 N·m. the torque of bolt mounted on the door post shall be 25±3 N·m, and the torque of bolt mounted on the door shall be 9±1 N·m. The door stopper shall operate flexibly and reliably, without being clamped, seized and etc. The lubricating grease shall be applied between the tower rod and slide block of the limiter.

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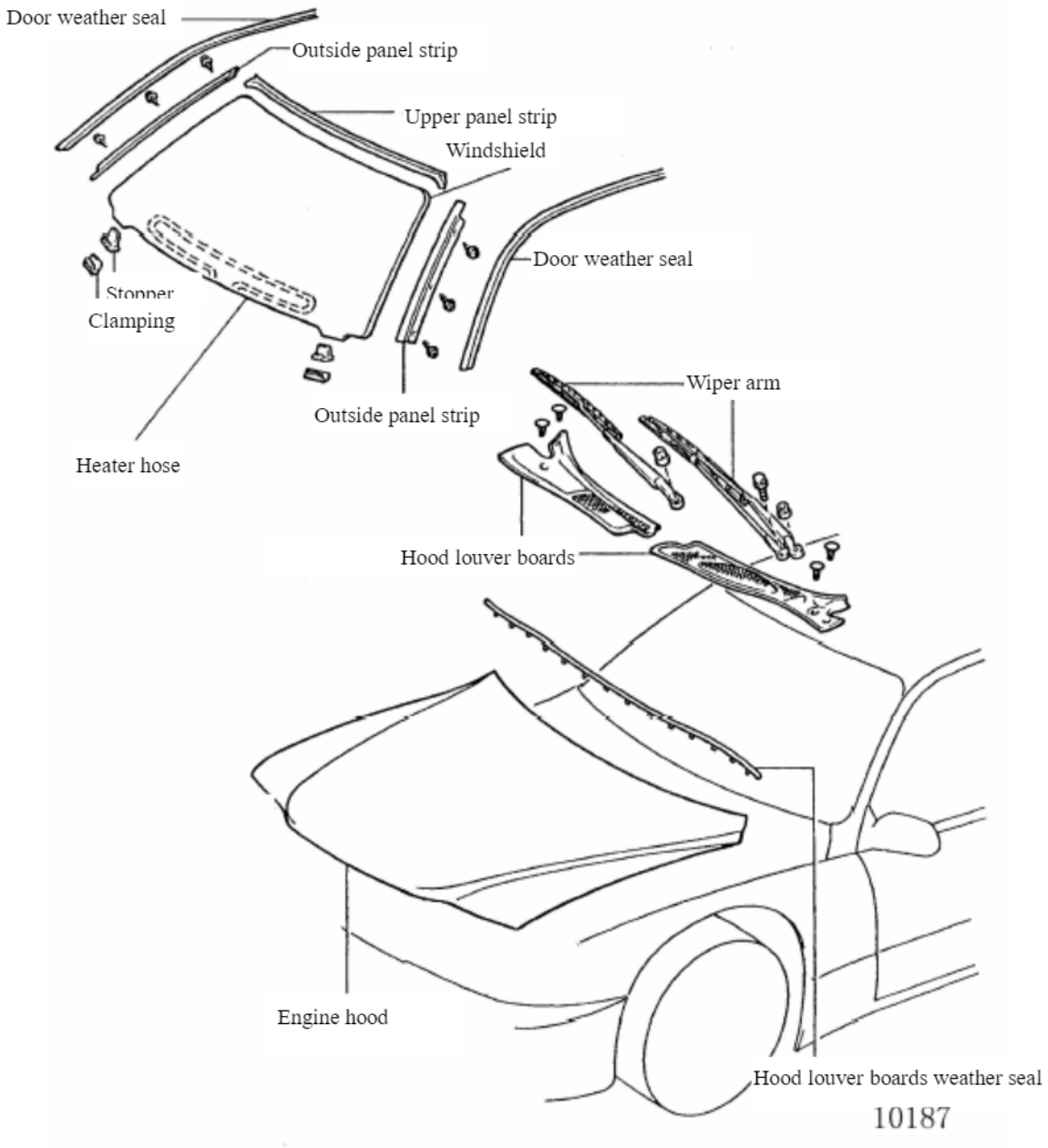
Chapter Six Windshield

Parts



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Parts (continued)



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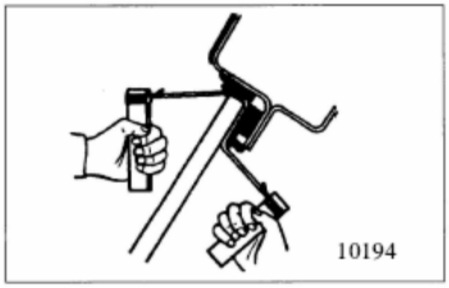
Disassembly of Windshield

Disassemble the Windshield

l. In the vehicle, pass a piano wire through the gap between the body and windshield.

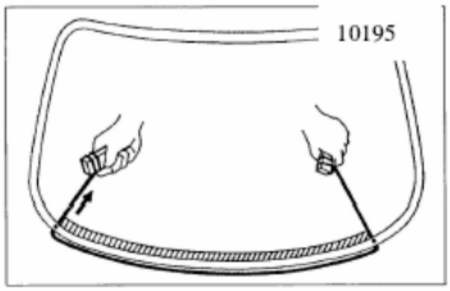
2. Apply the wood blocks or equivalents to seize up the both ends of piano wire.

Hint: The adhesive tape is applied in the outside of piano wire to avoid damaging the external surface of windshield.



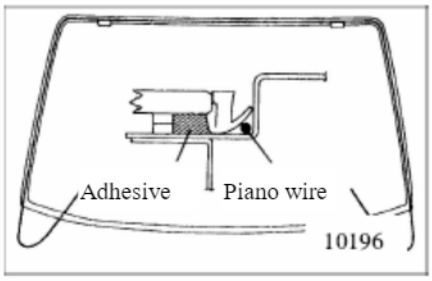
WARNING:

When detaching the glass, take care not to damage the painted surface and outside/inside trims. To void scuffing the instrument panel when disassembling the windshield, a plastic sheet can be placed between the piano wire and the instrument panel.



Pull the piano wire along the surrounding of windshield, cut off the adhesive, and remove the windshield.

WARNING: When cutting off the adhesive of windshield, leave as much adhesive on the body as possible.



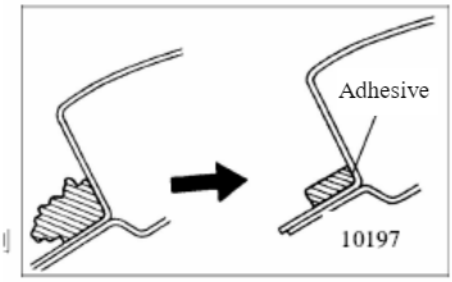
Assemble in the reverse order of disassembly.

Assembly of Windshield

Do not touch the surface of windshield after cleaning

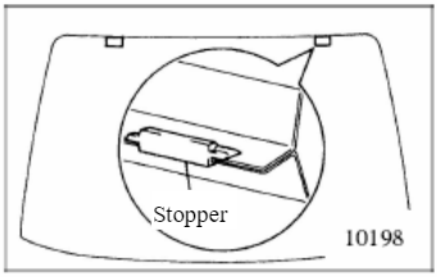
l. Apply a knife to remove the coarse parts from the body.

Hint: Leave as much adhesive on the body as possible.



2. Apply a cloth soaked in cleaning solution to clean the cutting surface of adhesive.

Hint: Even though all adhesives are removed, the surface of body shall be cleaned.



Detach the Stopper:

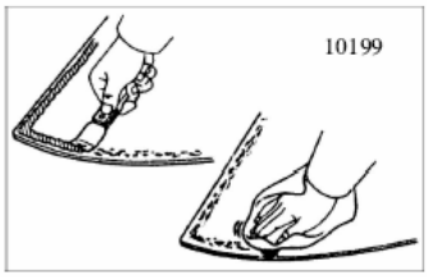
Apply a knife to detach the stopper.

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Clean the detached windshield

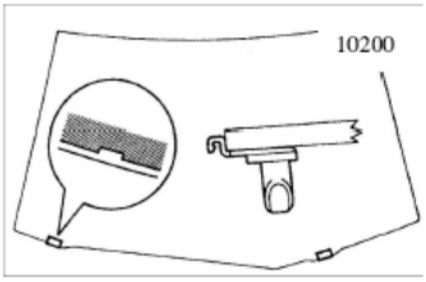
1. Apply a scraper to remove the adhesive on the windshield.
2. Apply the cleaning solution to rinse the windshield.

WARNING: Do not touch the windshield after cleaning.



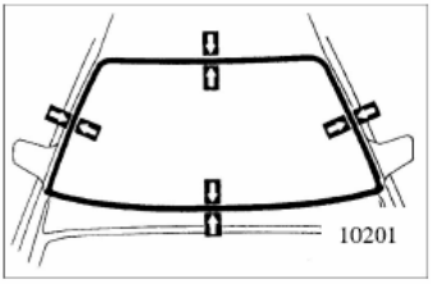
Replace the clamping piece if necessary.

1. Apply a knife to detach the stopper.
2. Remove the old clamping piece.
3. Replace it with a new clamping piece.



Windshield Positioning

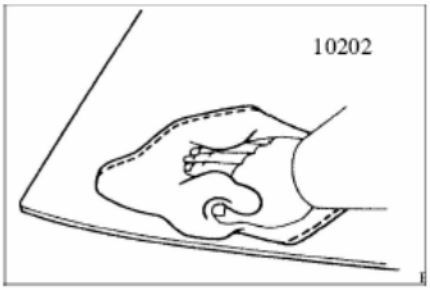
1. Place the windshield in a proper position.
2. Note the reference markings on the windshield and body.
3. Remove the windshield.



Clean the contact surface of windshield

Apply the cleaning solution to remove the black smudges on the contact surface around the windshield.

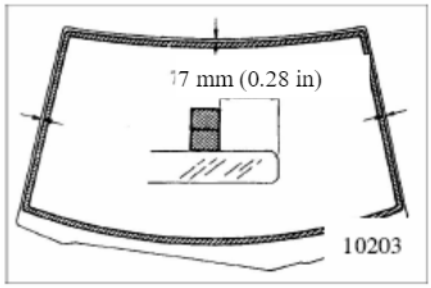
WARNING: Do not touch the surface of windshield after cleaning.



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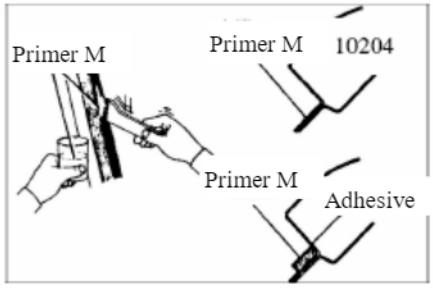
Install the Draining Plate

Apply the doubleside tape to install the draining plate, as shown in the right picture.



WARNING: Do not touch the surface of windshield after cleaning.

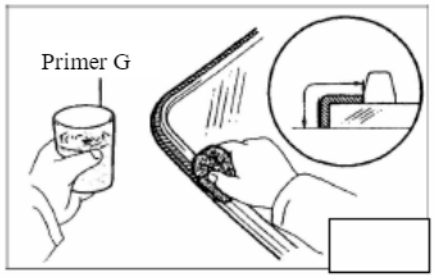
Apply a coat of primer M on the contact surface of body: Use a brush to coat primer M on the contact surface of body.



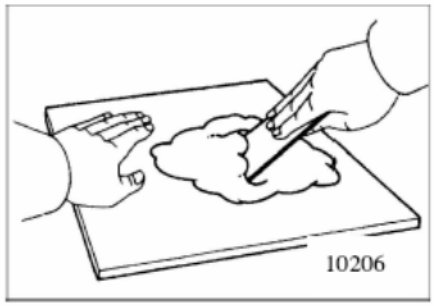
WARNING: The primer coating shall be dried for more than 3 minutes, do not apply the primer on the adhesive, and do not store the unsealed primer M till to the future application.

Apply a coat of primer G on the contact surface of windshield

1. Use a brush or sponge to apply a coat of primer G on the edge and contact surface of windshield.
2. Apply a clean cloth to wipe off the primer before it dries.



WARNING: The primer coating shall be dried more than 3 minutes, do not apply the primer on the adhesive, and do not store the unsealed primer G for any future application.



Mix the Adhesive

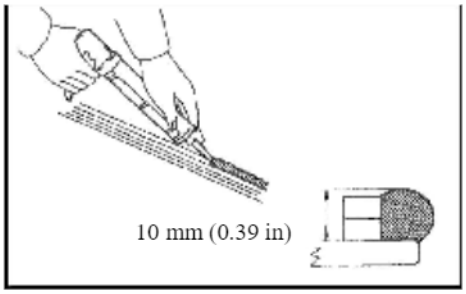
WARNING: It shall be ensured that the assembly of panel strip is finished during the adhesive available period and the adhesive is mixed successfully within 5 minutes.

1. Apply the dissolvent to thoroughly clean the glass plate and putty scraper.
2. On the glass plate or equivalents, apply a scraper to fully mix the 500 g main agent and the 75 g hardening agent.

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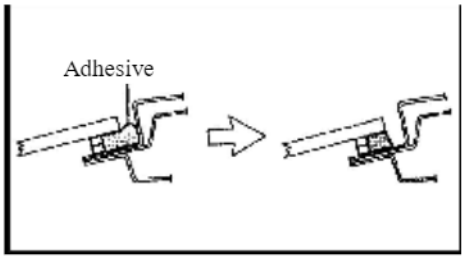
Apply the Adhesive

1. Cut off the nozzle of tube-shaped kettle and add the adhesive into the kettle.
2. Fill the tube-shaped kettle into the sealant gun.
3. Apply the adhesive on the windshield, as shown in the right picture.

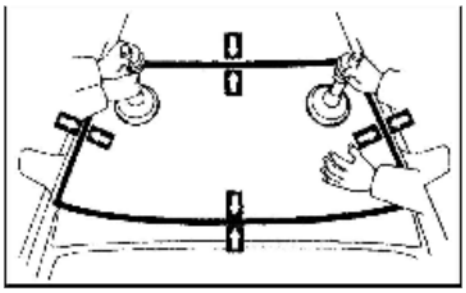


Install the Windshield

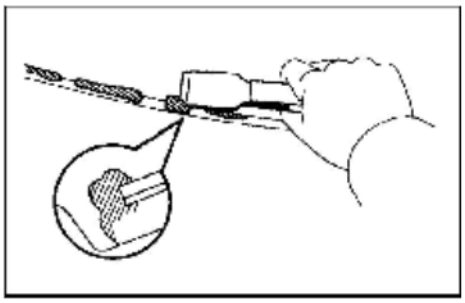
Hint: Make sure that the draining plate has been adhered to the panel of body, as shown in the right picture.



1. Install the windshield to align the windshield with the reference making on the body, and then pressure the windshield gently into the frame along its edge.
2. Use a scraper to apply the adhesive on the edge of windshield.

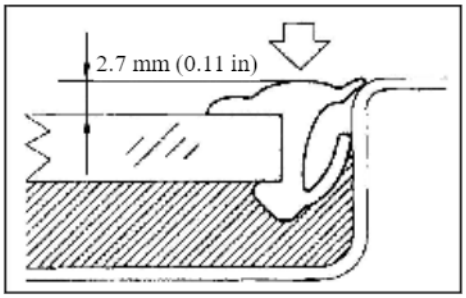


3. Use the scraper to remove the excessive or overflowing adhesive.
4. Clamp the windshield tightly till the adhesive gets hardened.



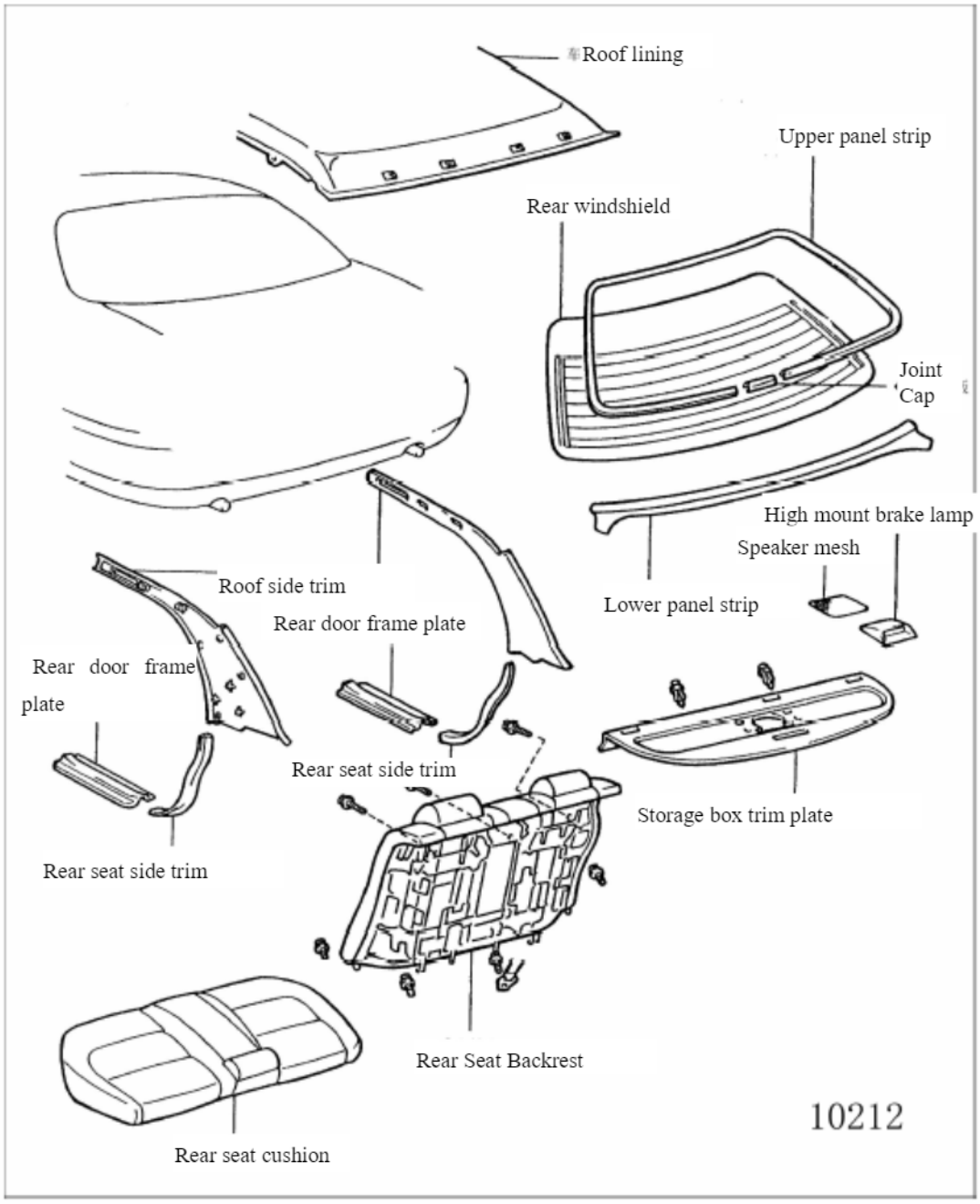
Check the leakage of water, and repair it.

1. Conduct the water leakage test after the adhesive gets hardened.
2. Apply the sealant to seal the part of water leakage. Part Number: 08833-00030 or equivalents



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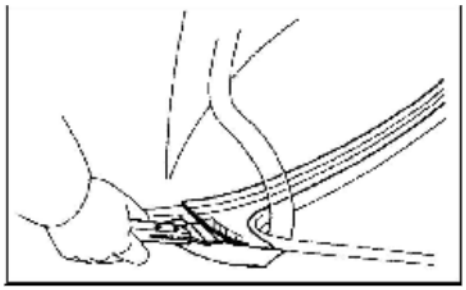
Rear Windshield Panel Strip and Glass Parts



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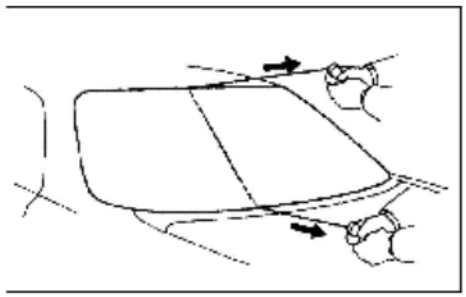
Disassembly of Rear Windshield

Disassemble the lower panel strip



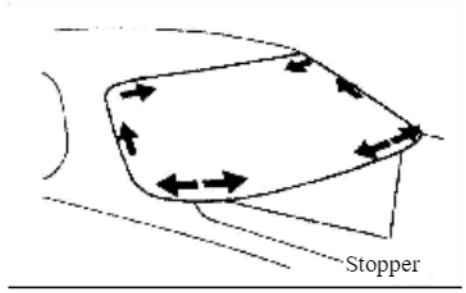
1. Apply a scraper to cut off the double-side tape on both ends of panel strip, as shown in the right picture. Hint: Apply the adhesive tape to bind the tip of scraper before application.

Disassemble the rear windshield



1. In the vehicle, pass a piano wire through the gap between the body and windshield.
2. Apply the wood blocks or equivalents to seize up the both ends of piano wire. Hint: The adhesive tape is applied in the outside of piano wire to avoid damaging the external surface of windshield.
3. Pull the piano wire along the adhesive to cut off the adhesive.

Hint: Do not let the piano wire damage the two stoppers.



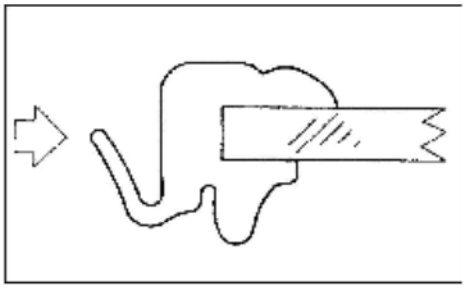
4. Remove the windshield.

Detach the rear windshield panel strip.

Assemble in the reverse order of disassembly.

Assembly of Rear Windshield

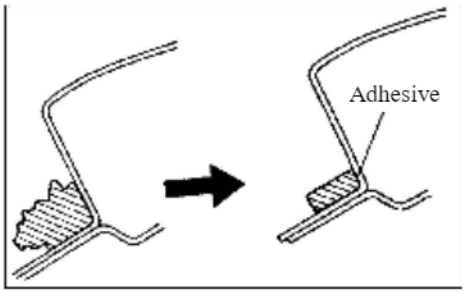
Install the rear windshield panel strip.



Place the panel strip on the surrounding of windshield, and install it by hand.

Hint: When installing the panel strip, the rear windshield must be removed firstly.

Clean and finish the body contact surface



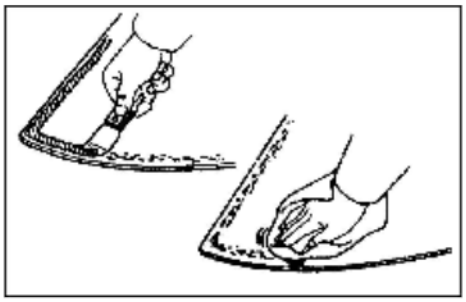
Apply a knife to remove the coarse parts from the body.

Hint: Leave the as much adhesive on the body as possible, and apply a cloth soaked in cleaning solution to clean the cutting surface of adhesive.

Hint: Even though all adhesives are removed, the surface of body shall be cleaned.

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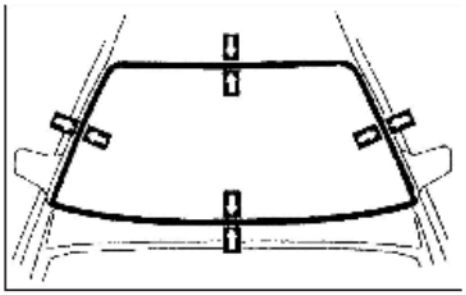
Clean the detached windshield



1. Apply a scraper to remove the adhesive on the windshield.
2. Apply a scraper to remove the stopper.
3. Apply the cleaning solution to rinse the windshield.

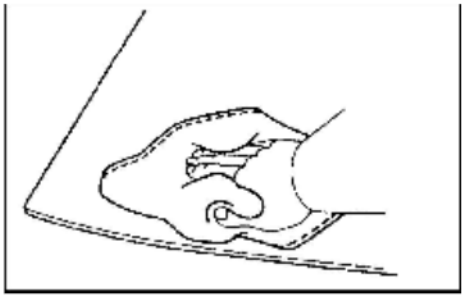
WARNING: Do not touch the windshield after cleaning.

Windshield Positioning



1. Place the windshield in a proper position.
2. Note the reference markings on the windshield and body.
3. Remove the windshield.

Clean the contact surface of windshield



Apply the cleaning solution to remove the black smudges on the contact surface around the windshield.

WARNING: Do not touch the surface of windshield after cleaning.

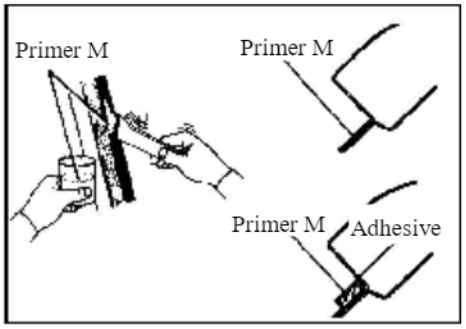
Clean the contact surface of windshield

Apply the cleaning solution to remove the black smudges on the contact surface around the windshield.

WARNING: Do not touch the surface of windshield after cleaning.

Apply a coat of primer M on the contact surface of body

Use a brush to apply a coat of primer M on the contact surface of body.



WARNING: The primer coating shall be dried more than 3 minutes

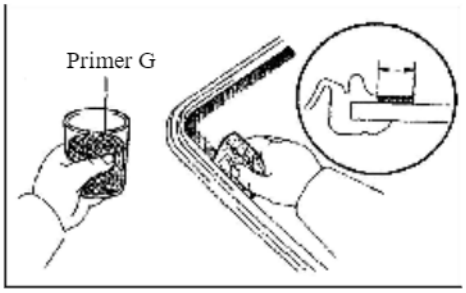
Do not apply the primer on the adhesive

Do not store the unsealed primer M till for the future application.

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Apply a coat of primer G on the contact surface of windshield

1. Use a brush or sponge to apply a coat of primer G on the edge and contact surface of windshield.
2. Apply a clean cloth to wipe off the primer before it dries.



WARNING: The primer coating shall be dried more than 3 minutes.

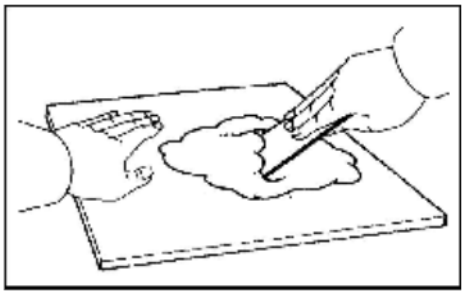
Do not apply the primer on the adhesive.

Do not store the unsealed primer G for any future application.

Mix the Adhesive

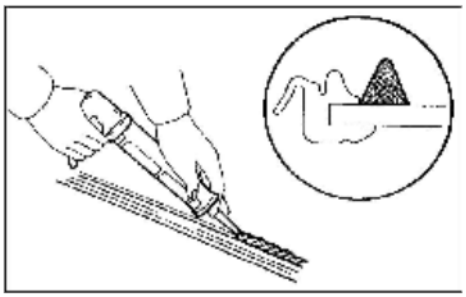
WARNING: It shall be ensured that the assembly of panel strip is finished during the validity period of adhesive and the adhesive is mixed successfully within 5 minutes.

1. Apply the dissolvent to thoroughly clean the glass plate and putty scraper.
2. On the glass plate or equivalents, apply a scraper to fully mix the 500 g main agent and the 75 g hardening agent.



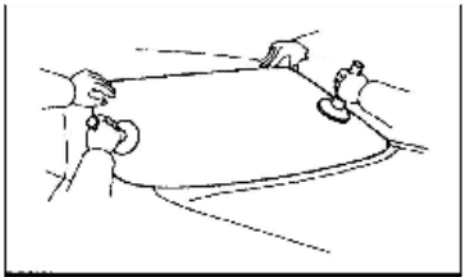
Apply the Adhesive

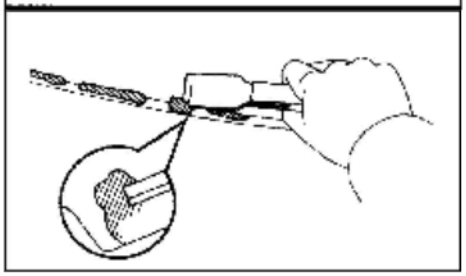
1. Cut off the nozzle of tube-shaped kettle, and add the adhesive into the kettle.
2. Fill the tube-shaped kettle into the sealant gun.
3. Apply the adhesive on the windshield, as shown in the right picture.



Glass Assembly

1. Install the windshield to align the windshield with the reference making on the body, and then pressure the windshield gently into the frame along its edge.
2. Use a scraper to apply the adhesive on the edge of windshield.
3. Use the scraper to remove the excessive or overflowing adhesive.
4. Clamp the windshield tightly till the adhesive gets hardened.





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Check the leakage of water and repair it.

1. Conduct the water leakage test after the adhesive gets hardened.
2. Apply the sealant to seal the part of water leakage.

Part Number: 08833-00030 or equivalents. Install the lower panel strip of the outside of rear windshield, fix the panel strip to the body, tap it gently by hand till it is tightened, and connect the defroster connector.

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Chapter Seven Wiper

I. Disassembly of Wiper Motor and Connecting Rod Assy.

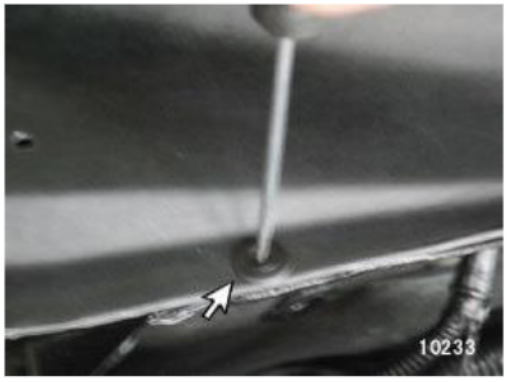
1. Remove the fixing bolts on the wiper arm blade assy.



2. Remove the sealing members from the overhead guard cover to the cowl.



3. Unclip the clips on the trim panel under the front windshield, and remove the trim panel.



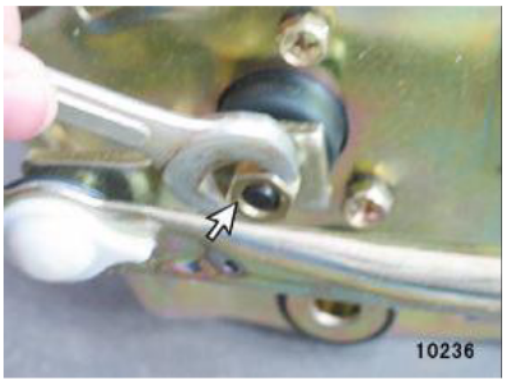
4. Unscrew the fixing bolts on the wiper assy., and remove the assy.



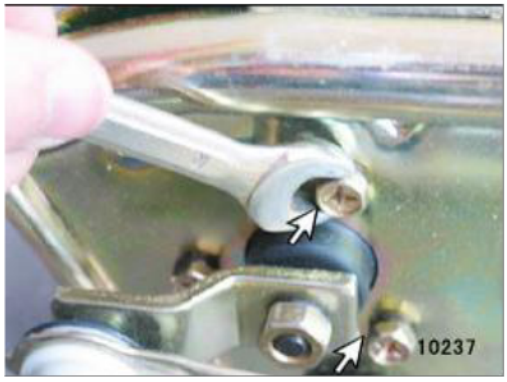


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5. Remove the fixing bolts of wiper motor and crank.



6. Unscrew the three fixing bolts on the wiper motor, and remove the wiper motor.



Assemble in the reverse order of disassembly.

II. Disassembly of Wiper's Water Sprayer and Motor

1. Remove the fender lining

   (See Disassembly/Assembly of Lining).

2. Detach the connector hose.



3. Remove the three nuts and container.



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4. Detach the water sprayer from the motor.



Assemble in the reverse order of disassembly.

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Chapter Eight Seat Belt

I. Disassembly/Assembly of Seat Belts of Whole Vehicle

(I) Disassembly/Assembly of Left/Right Front Seat Belt

1. Remove the front doorsill platen.



2. Remove the rear doorsill platen.



3. Remove the B column lower guard plate.



4. Open the protecting cover from the lower and remove the cover, and unscrew the bolts.



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5. Pry out the trims, and unscrew the fixing bolts.





Note: Apply 17# socket to disassemble it.

6. Unscrew the three fixing bolts and one fixing screw, and remove the external seat belt.





Assemble in the reverse order of disassembly.

Assembling requirements: The assembly angle of left/right front seat belt retractor assy. shall be 80 degrees, and the tightening torque of catch bolt shall be 50±5 N·m. the tightening torque of adjusting slide assy. fixing bolt shall be 50±5 N·m. the tightening torque of guide ring fixing bolt shall be 50±5 N·m. the guide support shall be fixed securely. the tightening torque of screw shall be 1.5±0.5 N m, and the tightening torque of end piece fixing bolt shall be 50±5 N·m. the lock catch assy. shall be positioned securely on the special bolts of front seat belt, and it shall be ensured that the seat belt's lock tongue operates conveniently, and the tightening torque of its fixing nut shall be 50±5 N·m. All fasteners of this assy. shall be coated uniformly with the thread fastening glue before assembly, and the webbing shall be stretched freely and smoothly without slackness after the lock tongue and lock catch are tightened. The assembly angle of left/right rear seat belt retractor assy. shall be 90 degrees. The tightening torque of all fasteners of this assy. shall be 50±5 N·m, and these fasteners shall be coated with the thread tightening glue before assembly. and the webbing shall be stretched freely and smoothly, without slackness after the lock tongue and lock catch are tightened. The catch bolts of middle seat belt shall be coated with the thread tightening glue, and its tightening torque shall be 50±5 N·m. The catch bolts of double-end retaining ring shall be coated with the thread tightening glue, and its tightening torque shall be 50±10 N·m.

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(II) Disassembly of Front Seat Interior Belt (See Disassembly of Seat)



(III) Disassembly of Seat Belt Regulator

1. Remove the B column lower guard plate.

2. Remove the two bolts, and adjust the slide.





Note: Apply the T50 tool to remove it.

Assemble in the reverse order of disassembly.

(IV) Disassembly of Rear Seat Belt

1. Disassemble the following parts.

① Rear seat backrest and cushion (See Disassembly of Seat)

② C column trim panel (See Disassembly of Rear Curtain)

③ Rear high mount brake lamp and rear curtain assy. (Disassembly of Rear Curtain).

2. Remove the rear seat belt floor fixing bolts. Note: Apply 17# socket to disassemble it.





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3. Remove one fixing bolt on the retractor.



Note: Apply 17# socket to disassemble it.

4. Disassemble rear seat belt.

Unscrew the fixing bolts of inner seat belt.





Note: Apply 17# socket to disassemble it.

Assemble in the reverse order of disassembly.

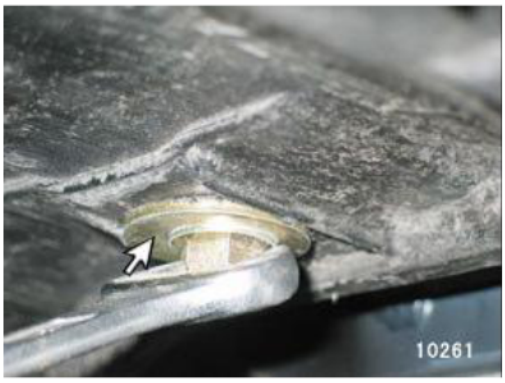
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Chapter Nine Bumper

I. Disassembly of Front Bumper Inner Bar

Disassemble the following parts:

1. Headlamp.
2. Fender lining.
3. Top front bumper strip.
4. Unscrew the two fixing bolts, and remove the inner bar.





Assemble in the reverse order of disassembly.

II. Disassembly of Rear Bumper

1. Remove the luggage boot trim plate rear cover.
2. Remove the floor cover.
3. Disassemble the side covers of left/right trim plate.
4. Unscrew the fixing bolts on the both sides.





5. Loosen the rear wheel fender plate.

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6. Unfasten the left/right fender linings.
7. Unscrew the left/right fixing bolts.



8. Remove the left/right tail lamps.

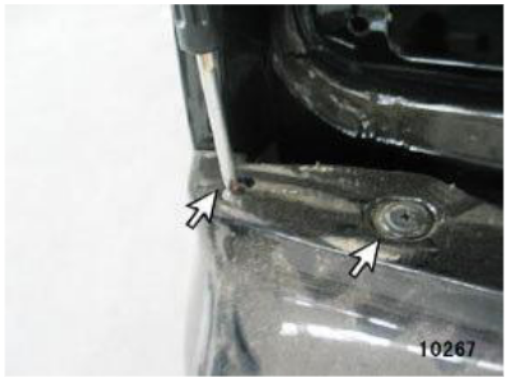
① Unscrew the upper four fixing bolts.



② Loosen the harness plug, and remove the tail lamp.



9. Unscrew the two fixing screws on the both sides.



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10. Unscrew all clip screws, either upper or lower, and remove the clips.



11. Remove the rear bumper and etc. Assemble in the reverse order of disassembly.



Disassembly of Rear Bumper Inner Bar

l. Remove the rear bumper exterior cap and etc.

2. Unscrew the eight fixing bolts, and remove the inner bar.

Assemble in the reverse order of disassembly.

Assembling requirements: The tightening torque of bumper support bolts shall be 9±l.2 N·m. and the tightening torque of bumper support shall be 82±8 N·m, and the torque of tightening nut of rear bumper shall be 25±2.5 N·m. The fit clearance between the panel of bumper and the circumferential of body shall be uniform, secure and reliable.

III. Disassembly of Rear Tow Hook

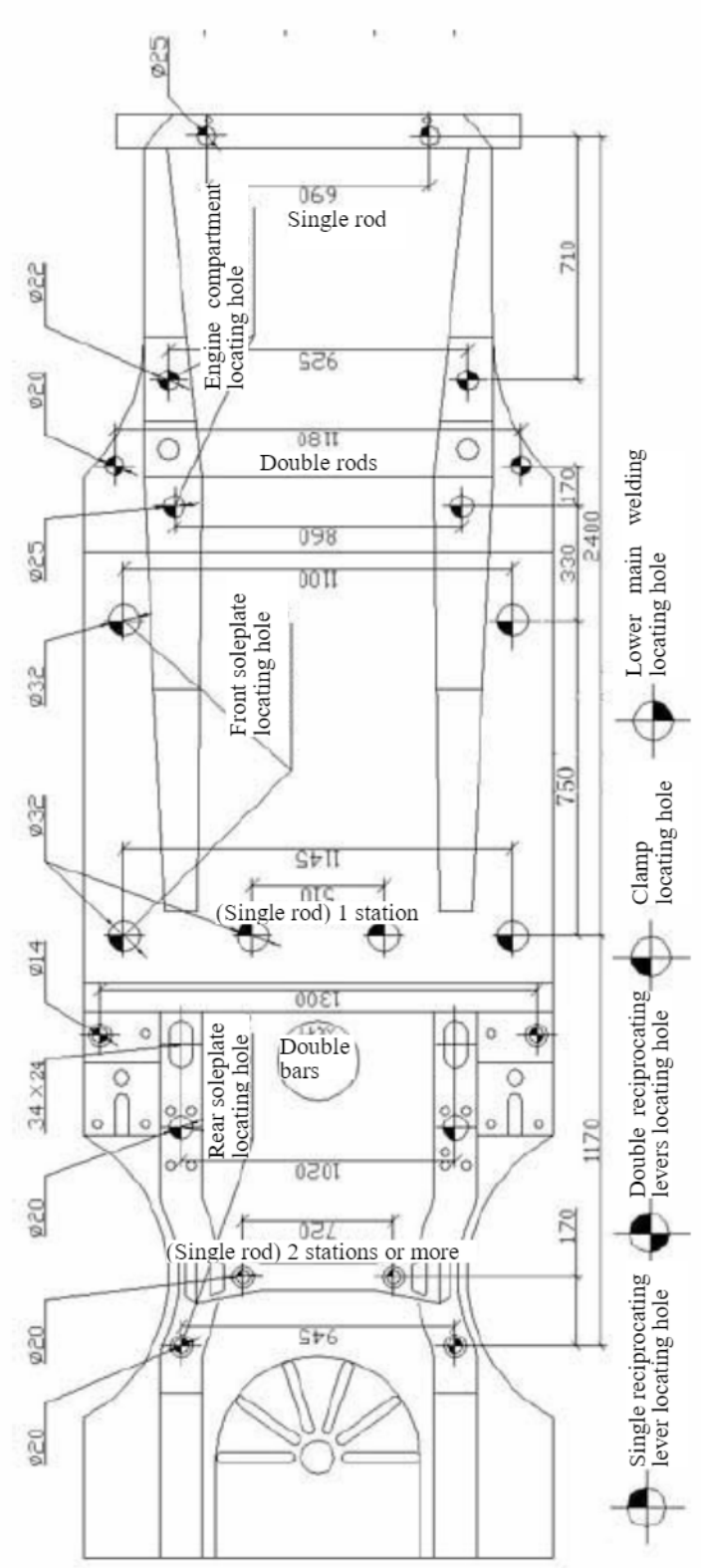
Unscrew the three fixing bolts on the hook, and remove the hook.

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Chapter Ten Chassis and Body Dimension

Dimension of Side Member

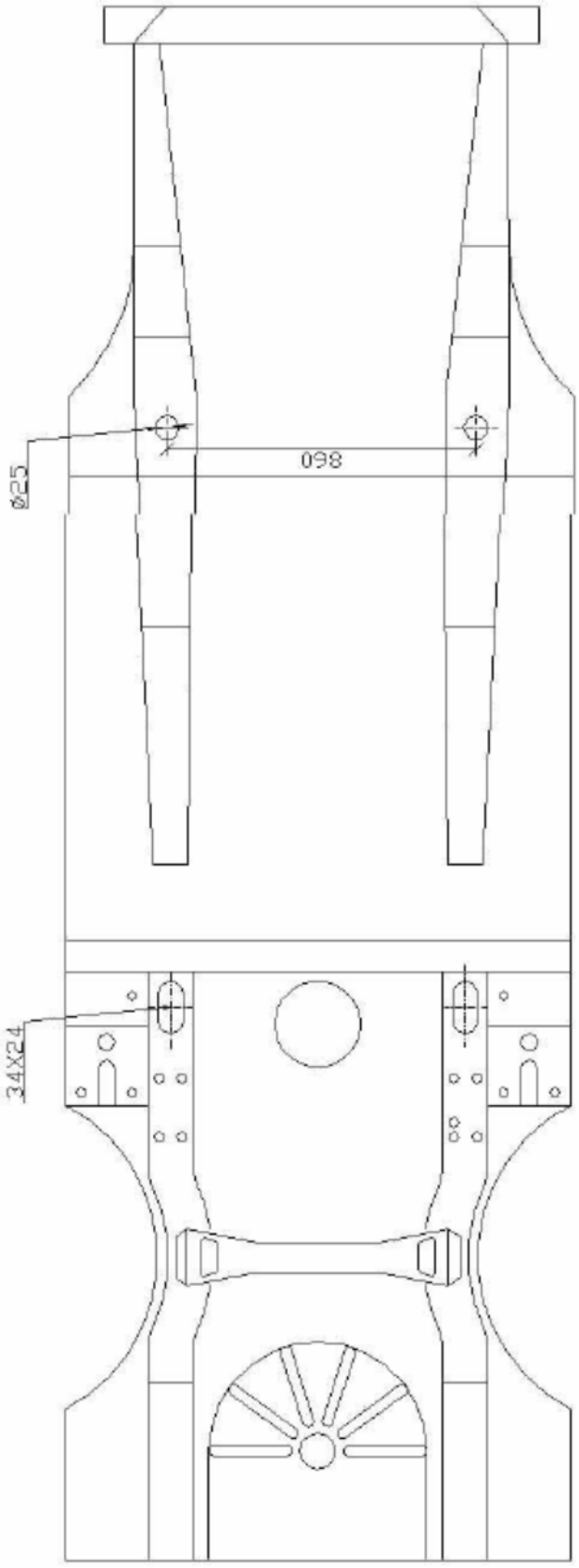
Unit: mm



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Hole Distance of Side Member

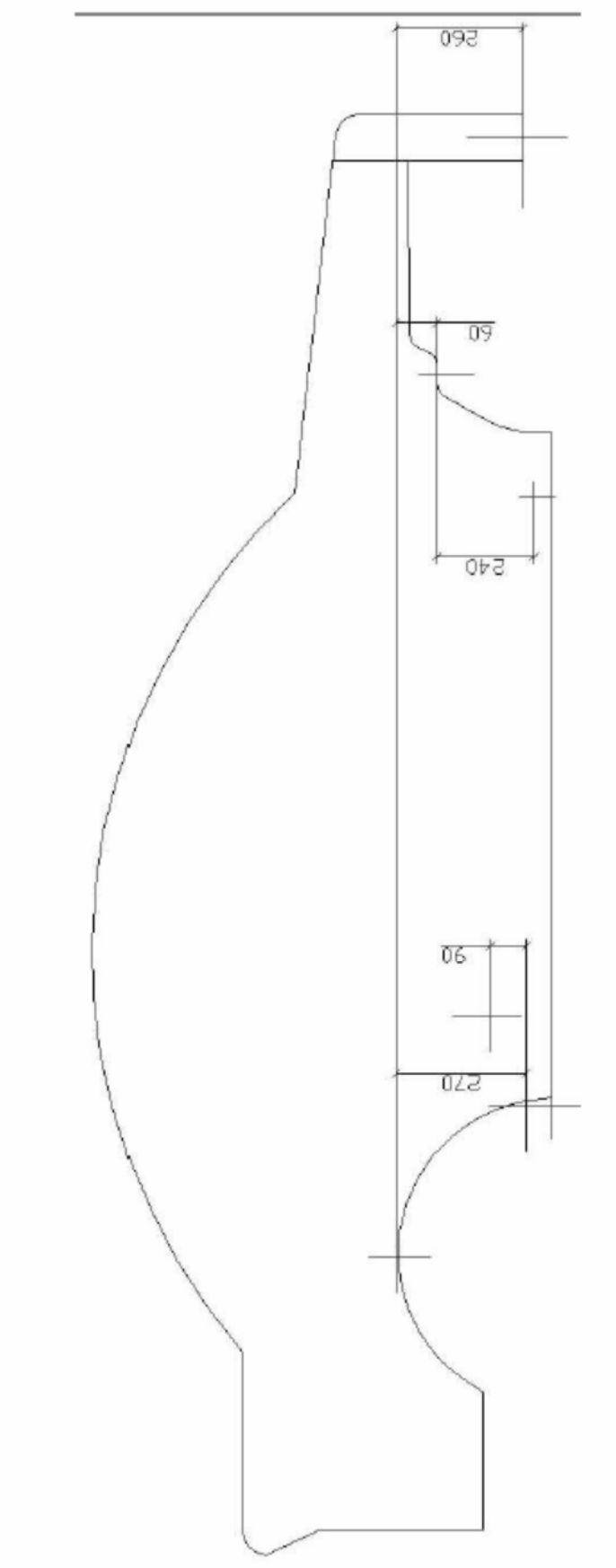
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Body Dimension

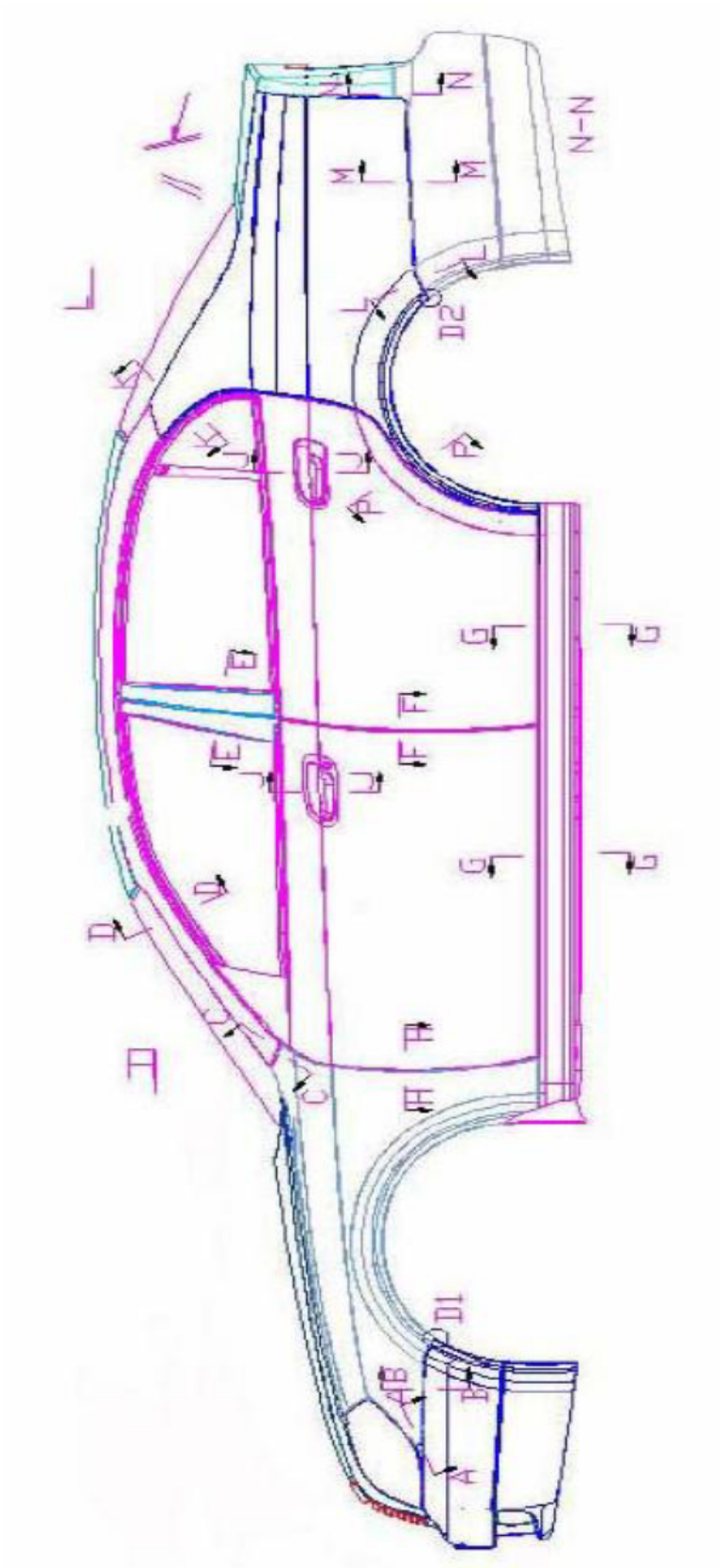
Unit: mm



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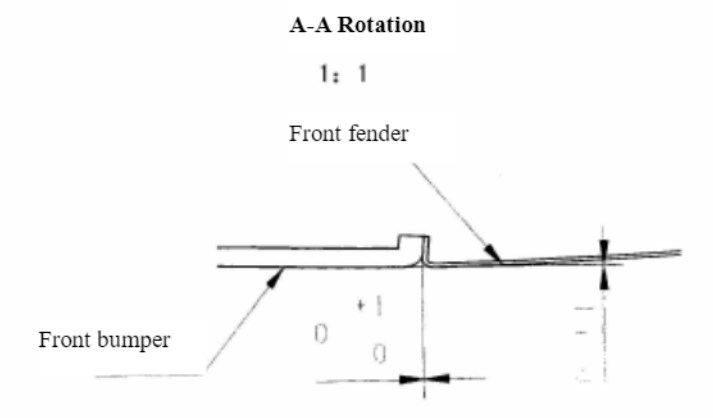
Body Assembling Dimension

Side View

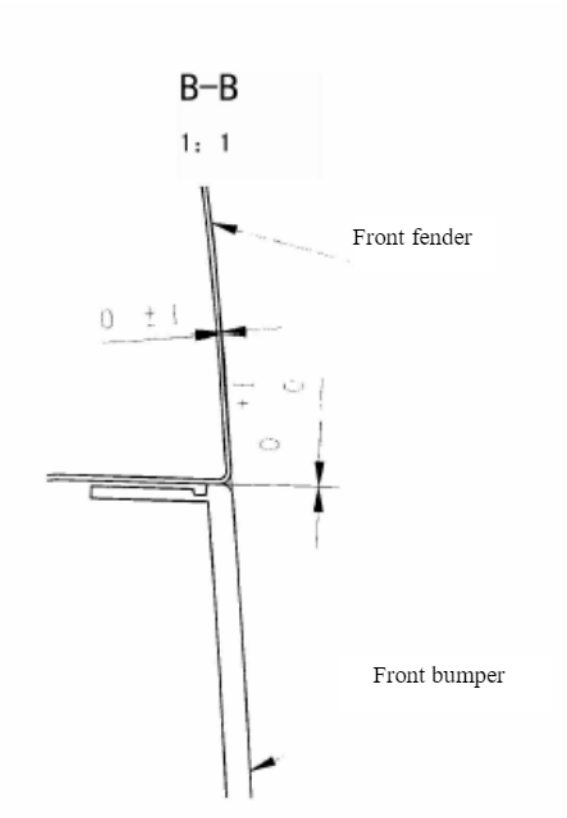


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The clearance between the front fender and the front bumper is 0_0^{+1} at A-A.

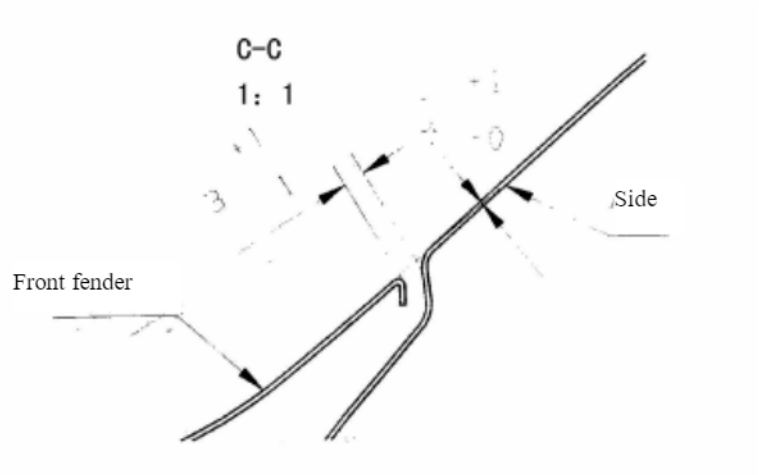


The clearance between the front fender and the front bumper is $0_0^{\pm 1}$ at B-B.

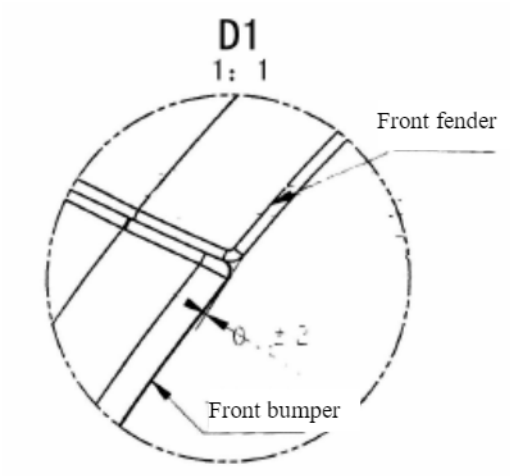


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The clearance between the front fender and the side is 3±1 mm at C-C.

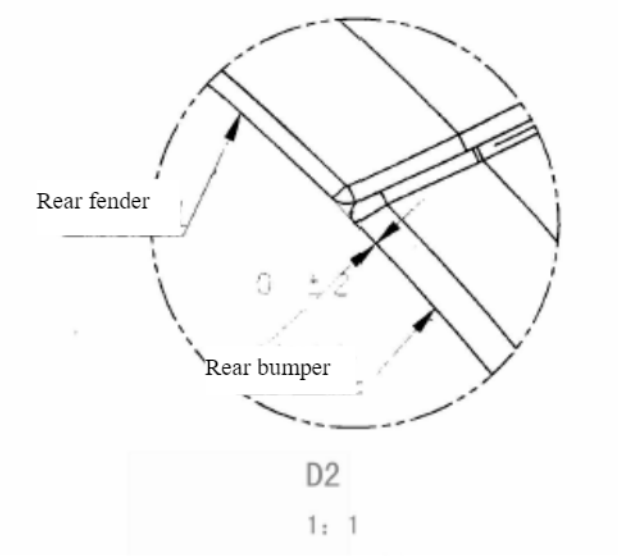


The allowable assembly tolerance between the front fender and the front bumper is 0±2 mm at D1.

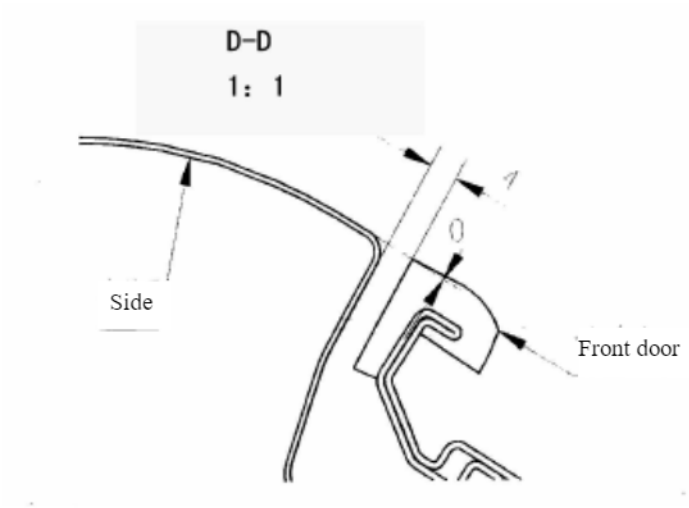


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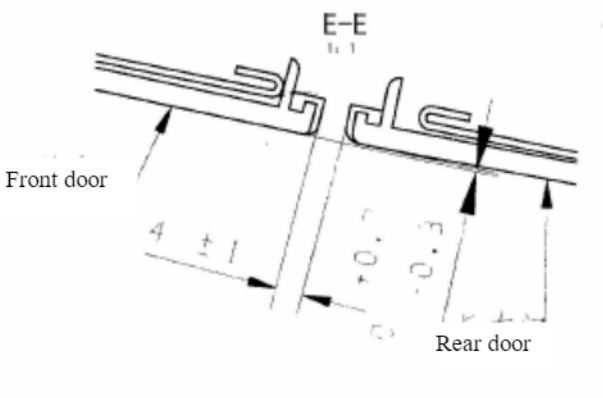
The assembly tolerance between the rear fender and the rear bumper is 0±2 mm at D2.



The clearance between the side and the front door is 4 ram at D-D. and its assembly tolerance is 0 mm.

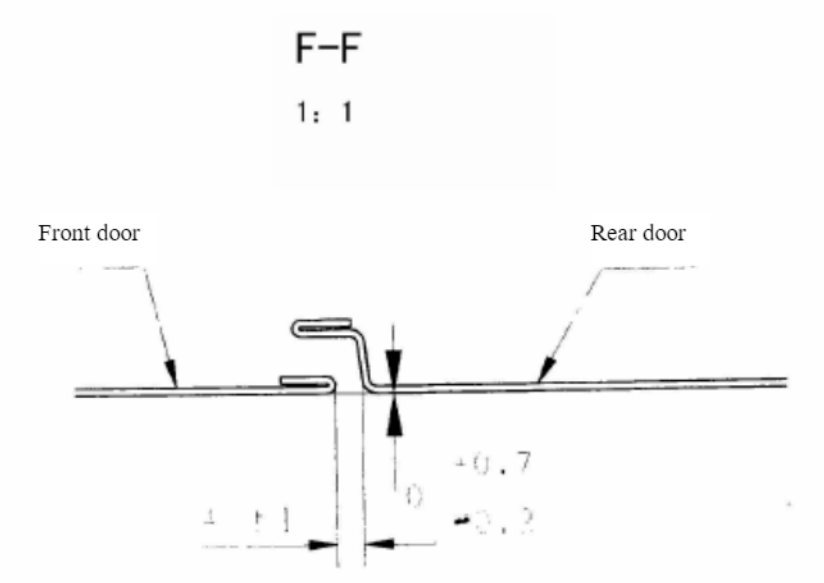


The clearance between the front door and rear door is 4±l mm at E-E. and its assembly tolerance is $0^{+0.7}_{-0.3}$.

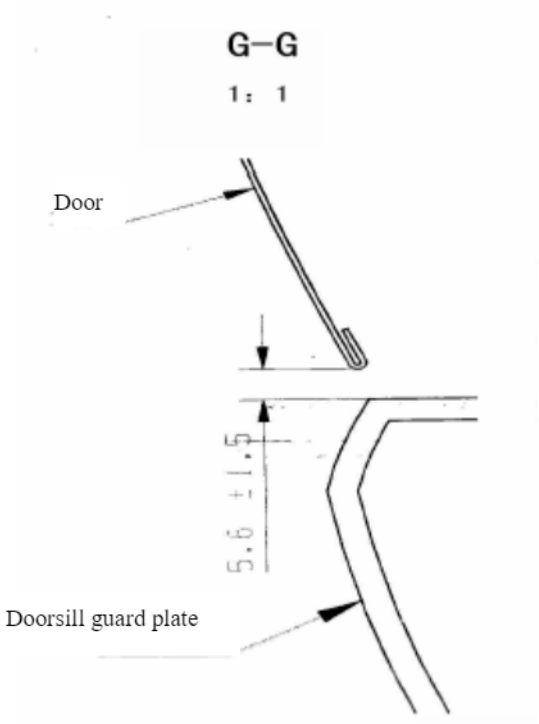


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The clearance between the front door and rear door is 4±1 mm at F-F. and its assembly tolerance is $0^{+0.7}_{-0.3}$.

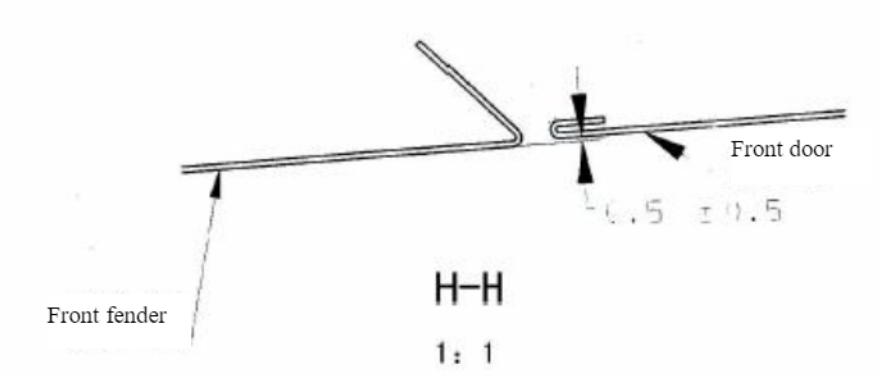


The clearance between the door and the doorsill guard plate is 5.6±1.5 mm at G-G.

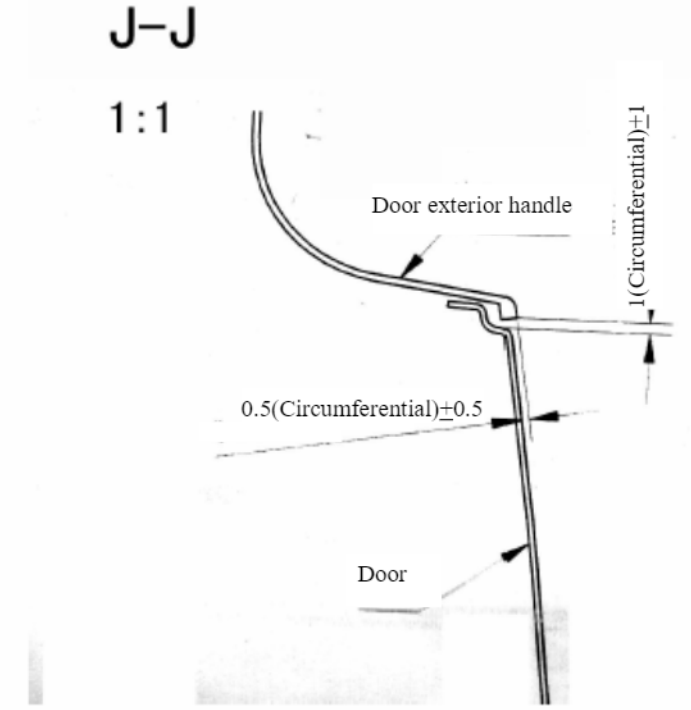


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The assembly tolerance between the front fender and the front door is 0.5±0.5 mm at H-H.

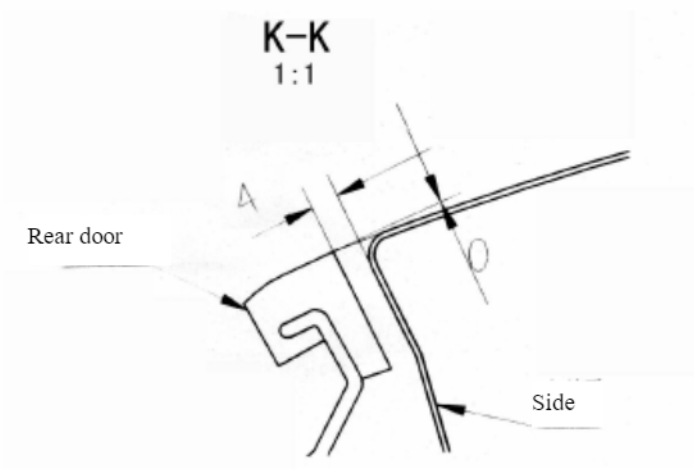


The clearance between the door exterior handle and the door is 1±1 mm at J-J. and its assembly tolerance is 0.5±0.5 mm.

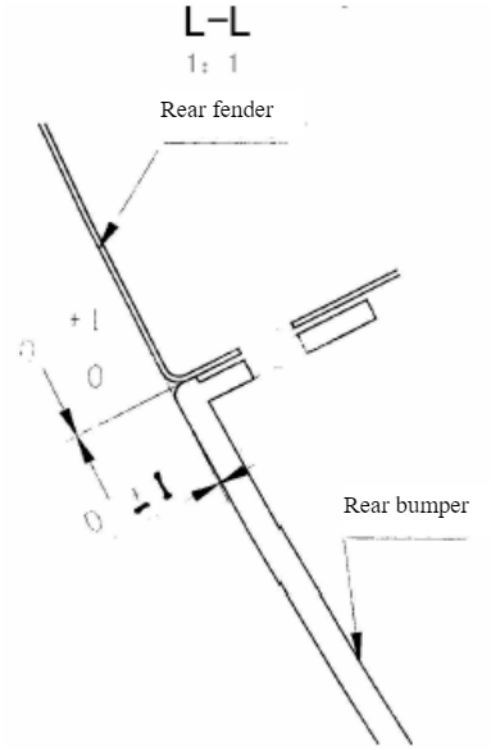


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The clearance between the rear door and the side is 4 mm at K-K. and its assembly tolerance is 0 mm.

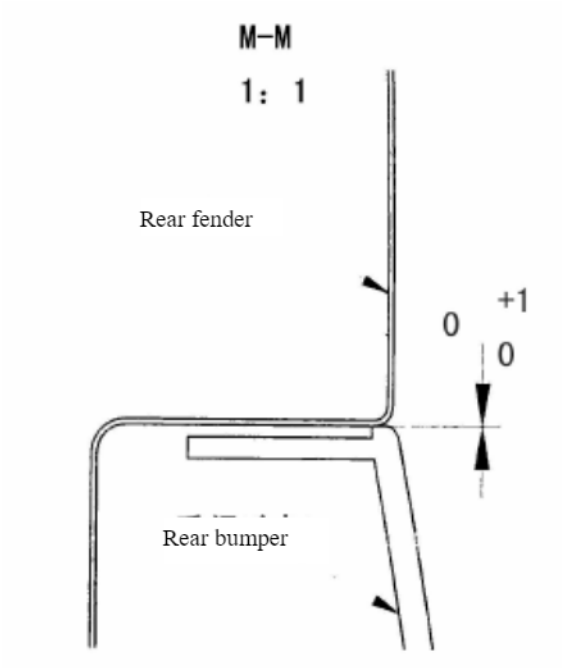


The clearance between the rear fender and the rear bumper is 0^{+1}_{0} at L-L. and its assembly tolerance is 0±1 mm.

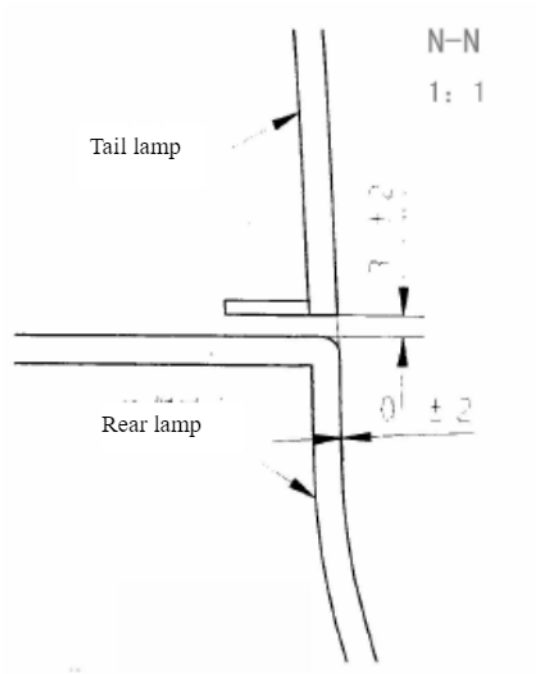


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The clearance between the rear fender and the rear bumper is 0 mm at M-M.

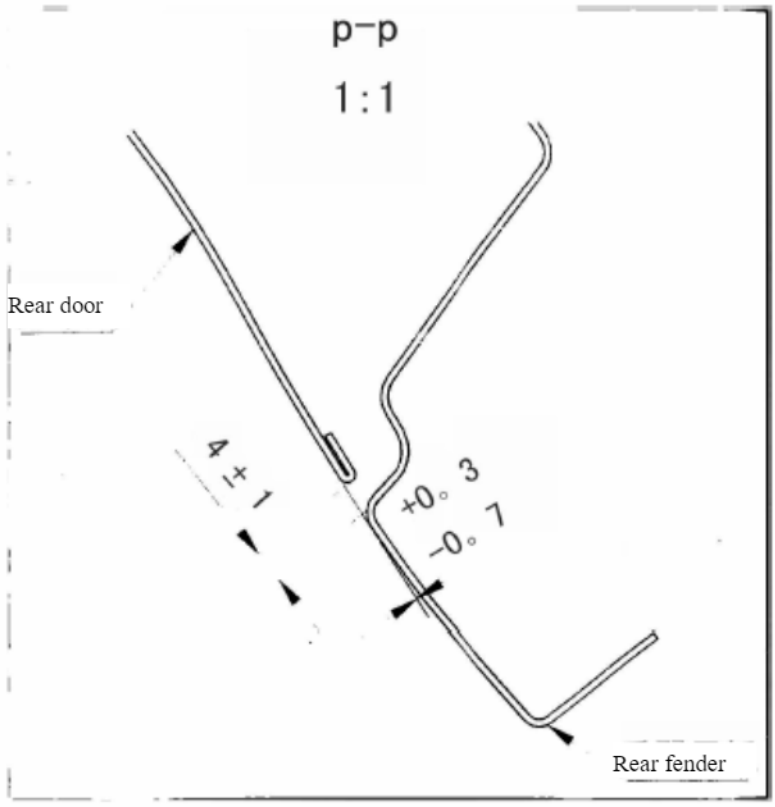


The clearance between the tail lamp and the rear bumper is 3±2 mm at N-N. and its assembly tolerance is 0±2 mm.



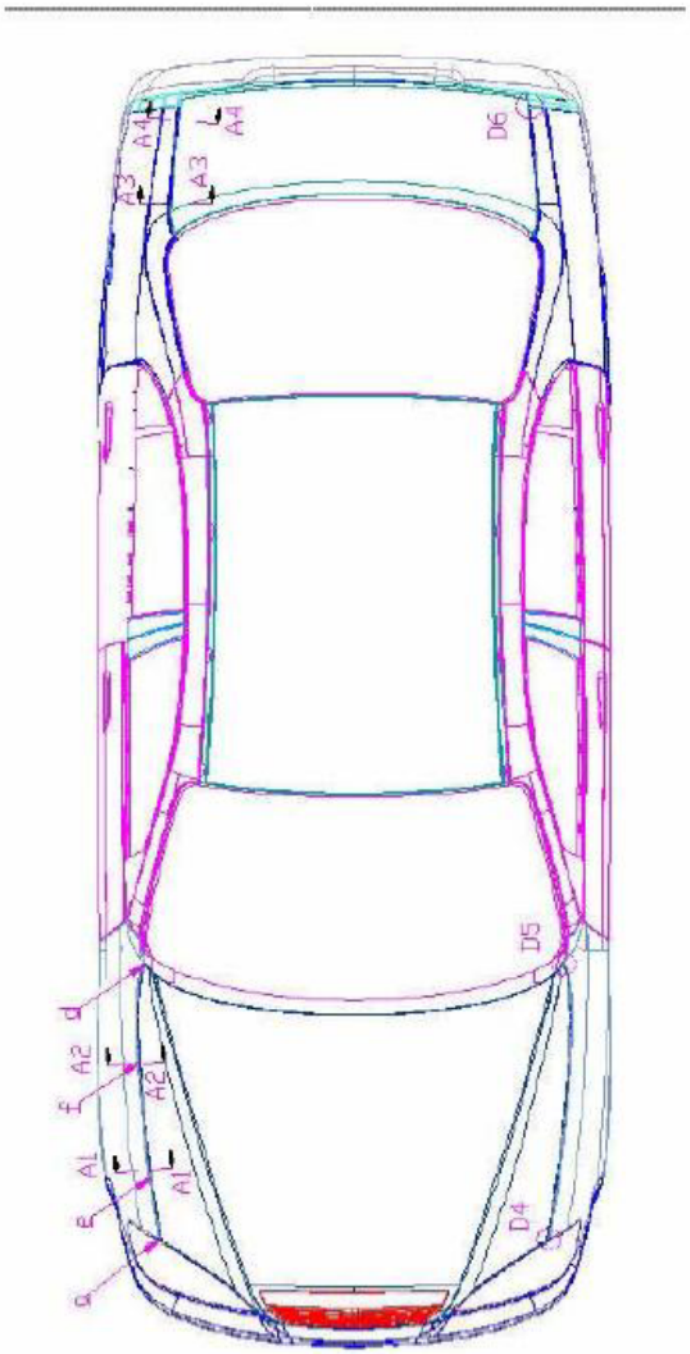
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The clearance between the rear door and the rear fender is 4±l mm at P-P. and its assembly tolerance is $0^{+0.3}_{-0.7}$



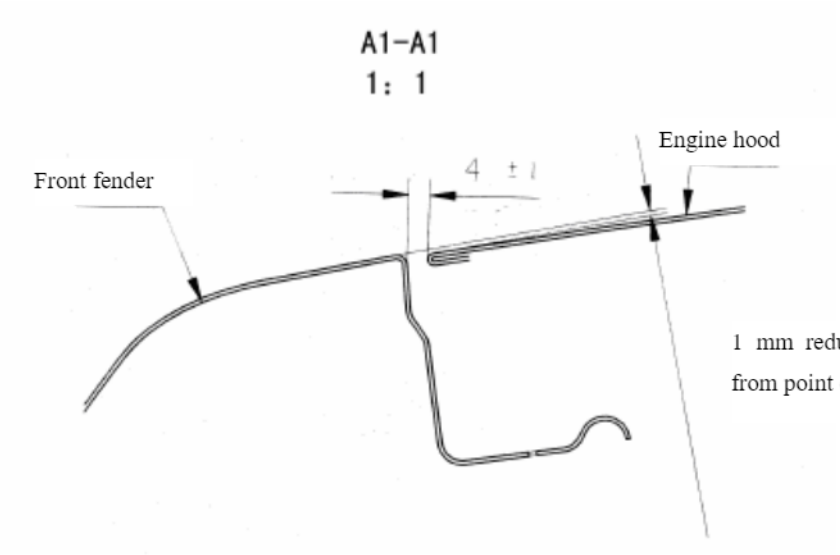
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Top View

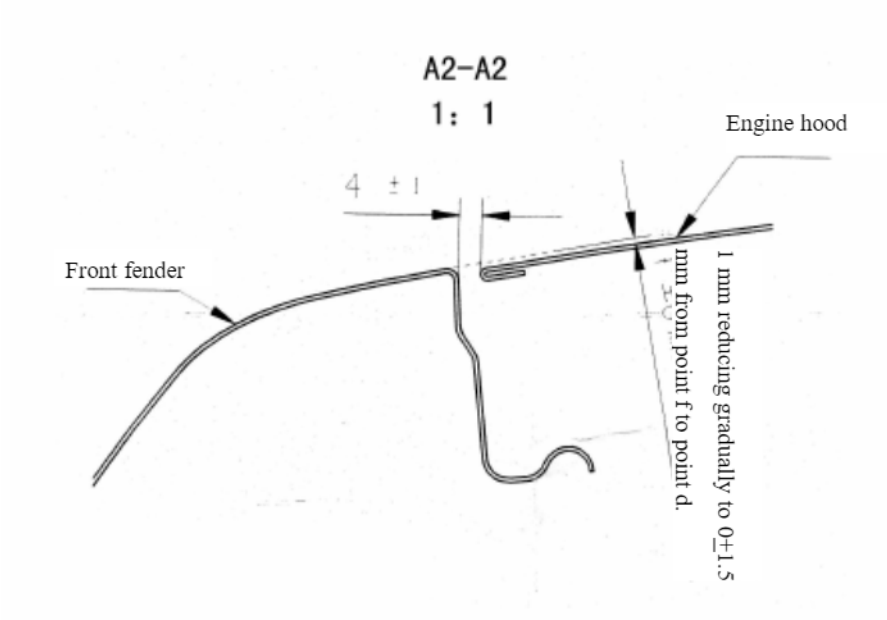


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The clearance between the front fender and the engine hood is 4±l mm at A1-A1. and its assembly tolerance is: 1 mm reducing gradually to 0±1.5 mm from point e to point a.

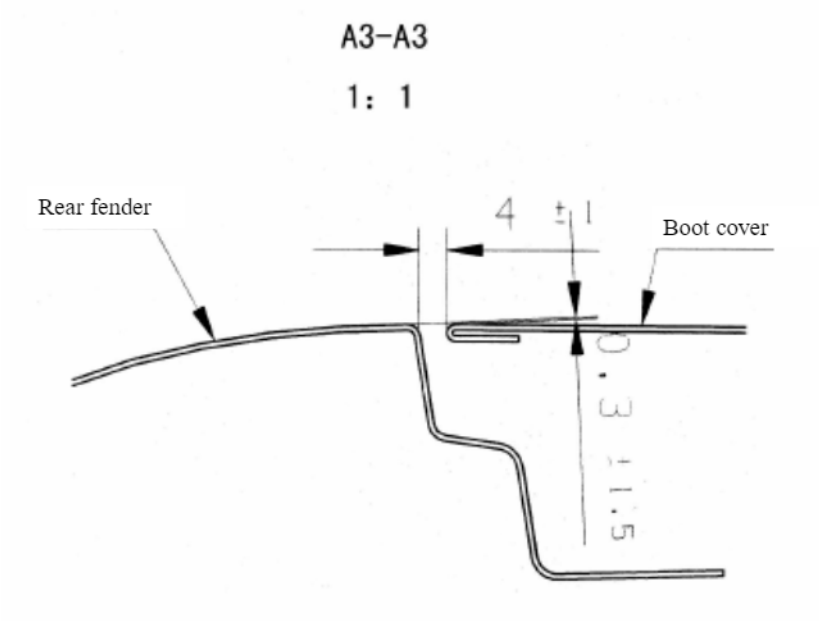


The clearance between the front fender and the engine hood is 4±l mm at A2-A2. and its assembly tolerance is: 1 mm reducing gradually to 0 mm from point f to point d.

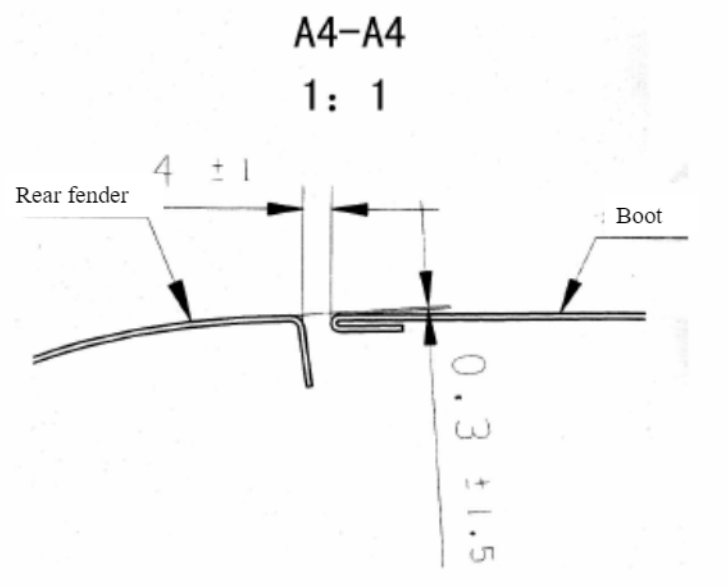


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The clearance between the rear fender and the boot cover is 4±l mm at A3-A3. and its assembly tolerance is 0.3±1.5 mm.

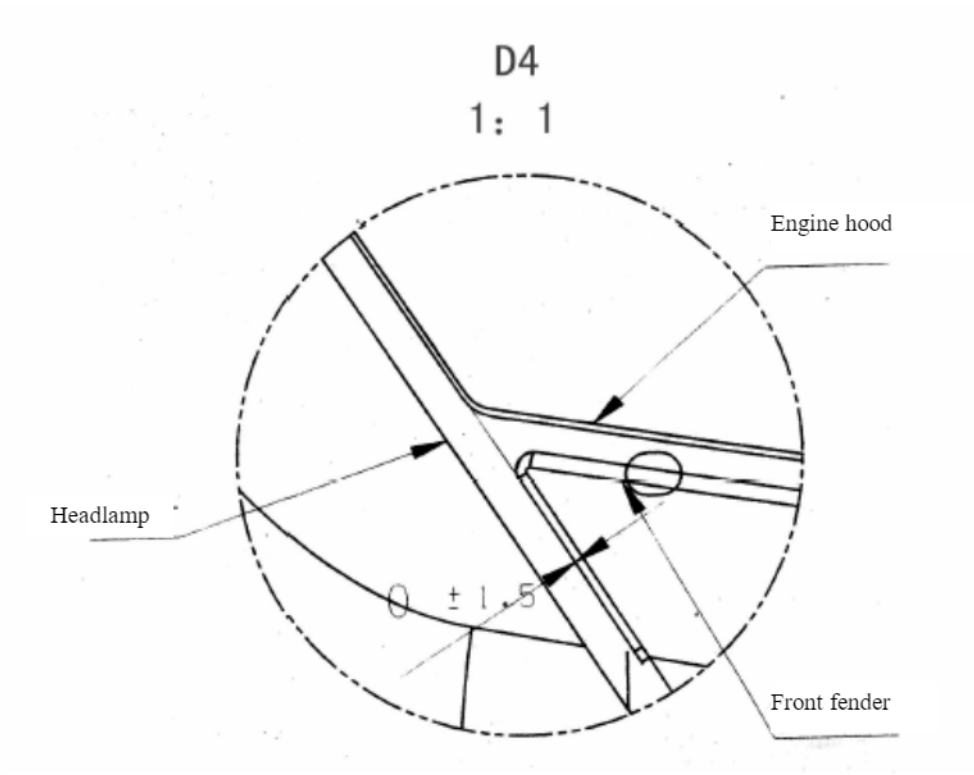


The clearance between the rear fender and the boot cover is 4±l mm at A4-A4. and its assembly tolerance is 0.3±1.5 mm.

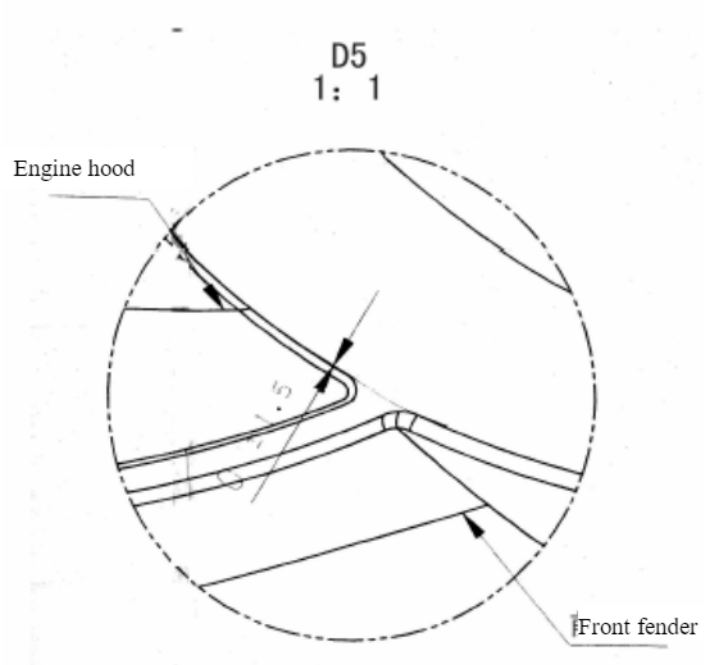


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The assembly tolerance between the engine and the front fender is 0±1.5 mm at D4.

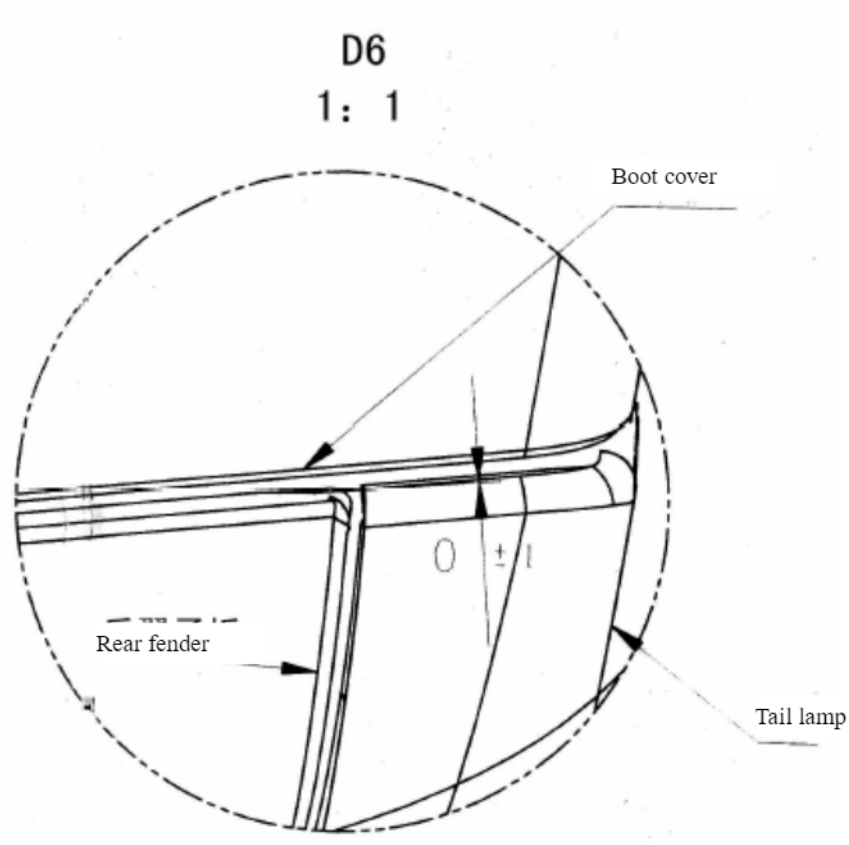


The assembly tolerance between the engine and the front fender is 0±1.5 mm at D5.



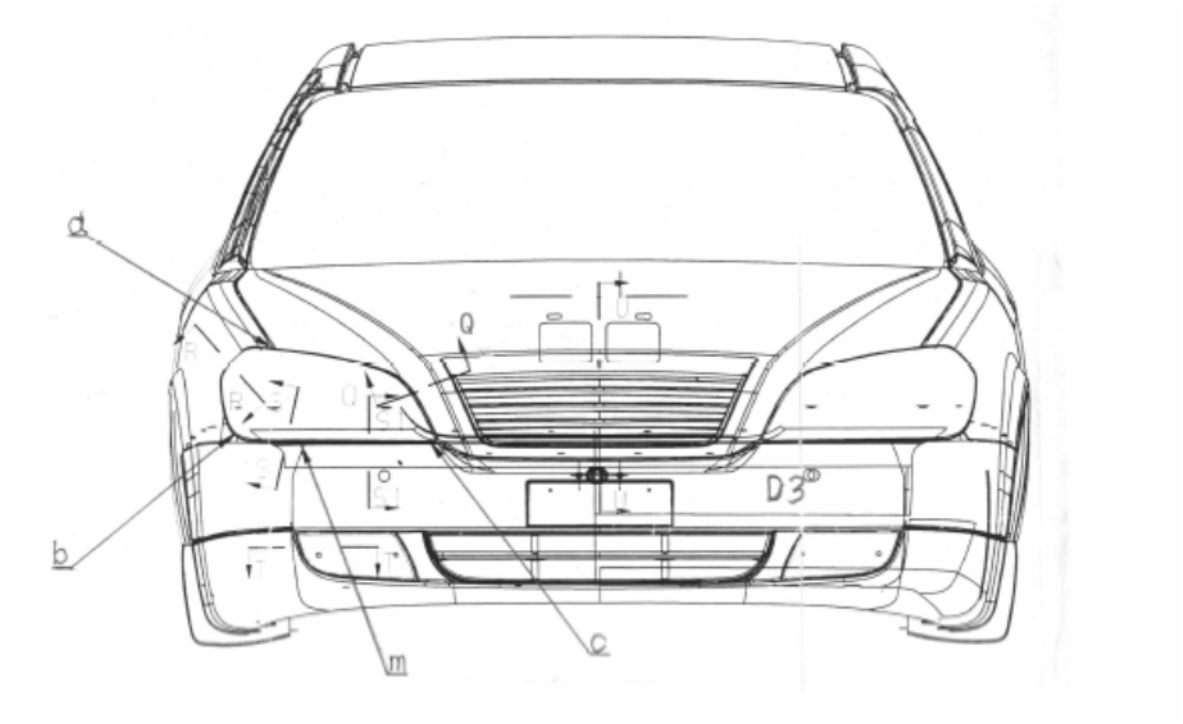
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The assembly tolerance between the fender and the tail lamp is 0±l mm at D6.



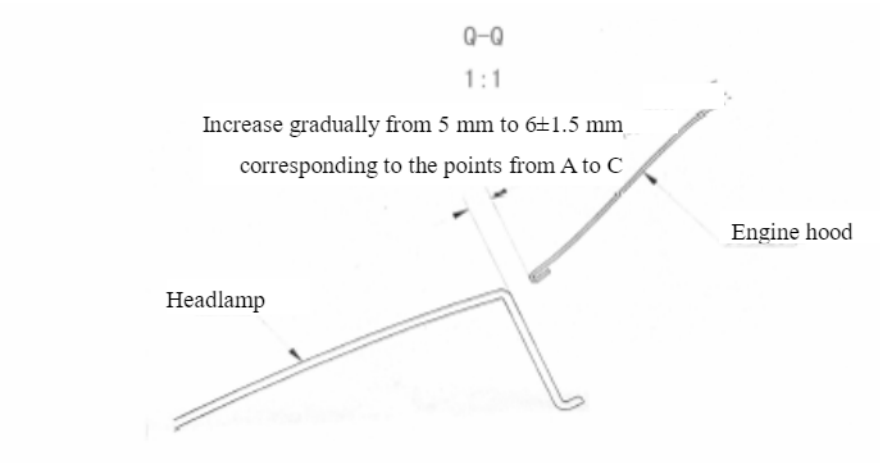
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Front View

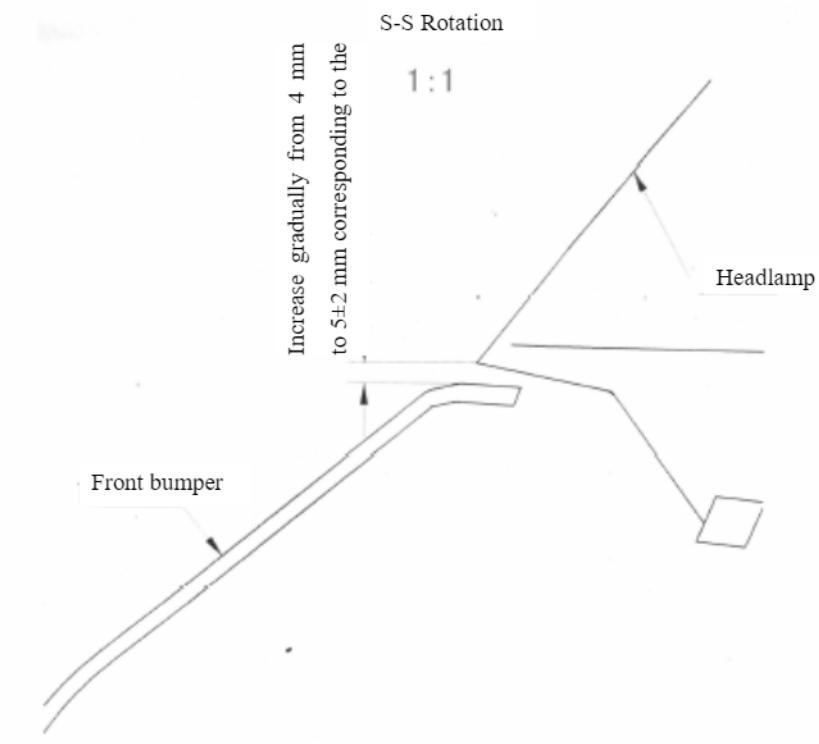


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The clearance between the headlamp and engine increases gradually from 5 mm to 6±1.5 mm corresponding to the points from a to c at Q-Q.

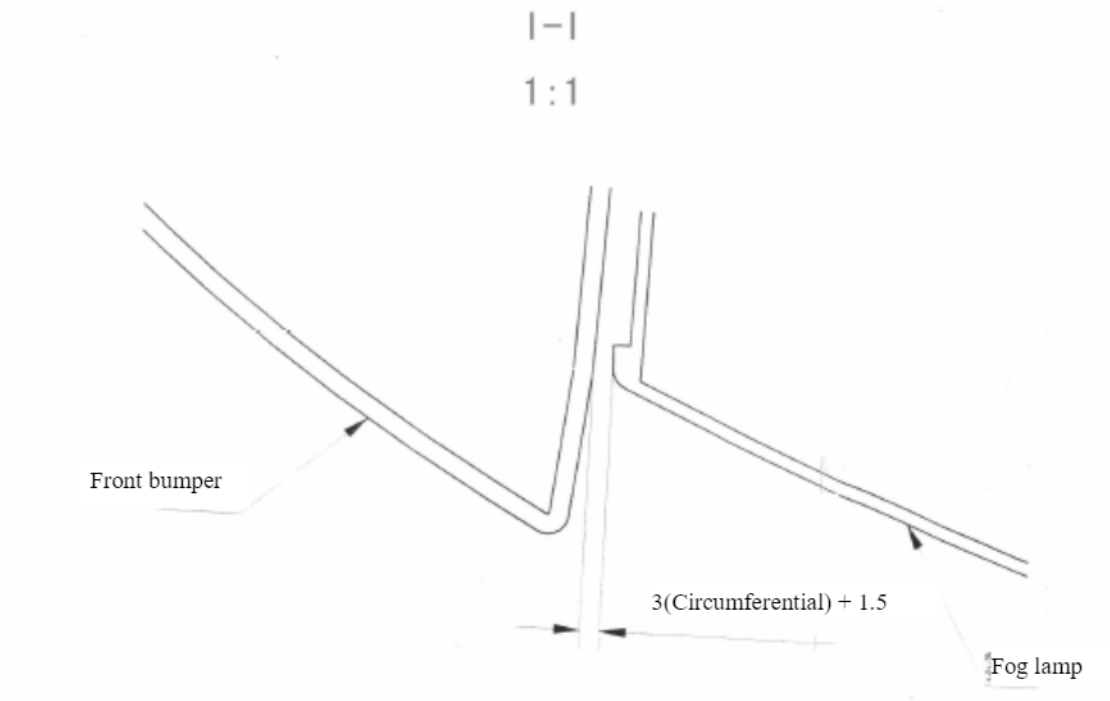


The clearance between the front bumper and the headlamp increases gradually from 4 mm to 5±2 mm corresponding to the points from b to m at S-S Rotation.

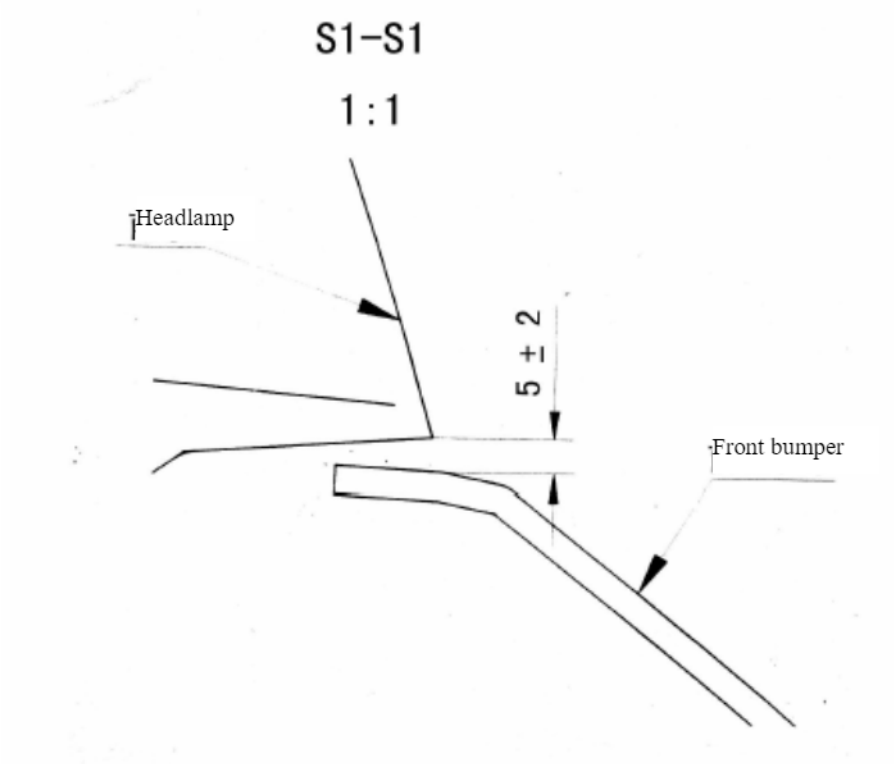


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The clearance between the front bumper and the fog lamp is 3±1.5 mm at I-I.

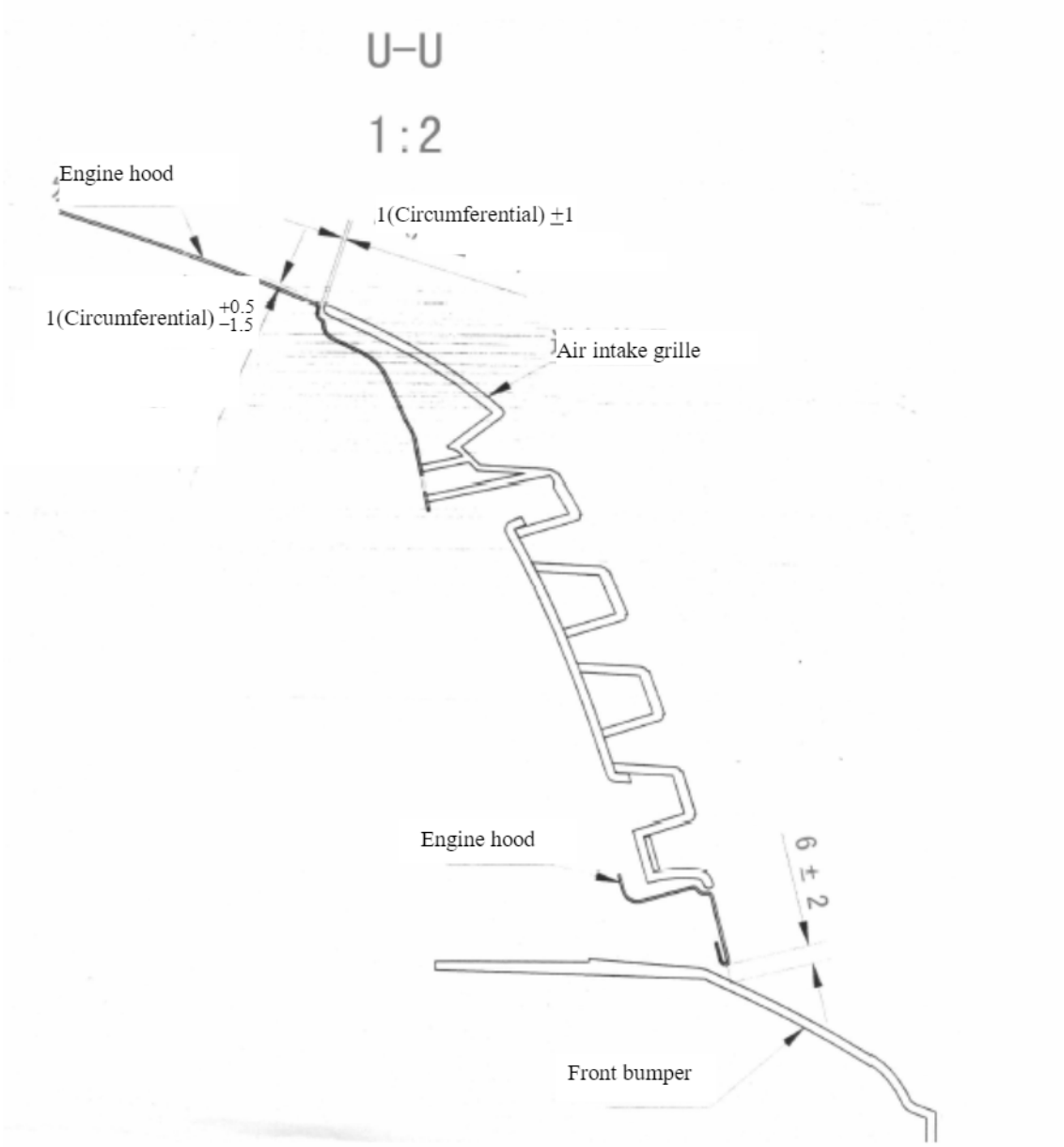


The clearance between the headlamp and the front bumper is 5±2 mm at S1-S1.



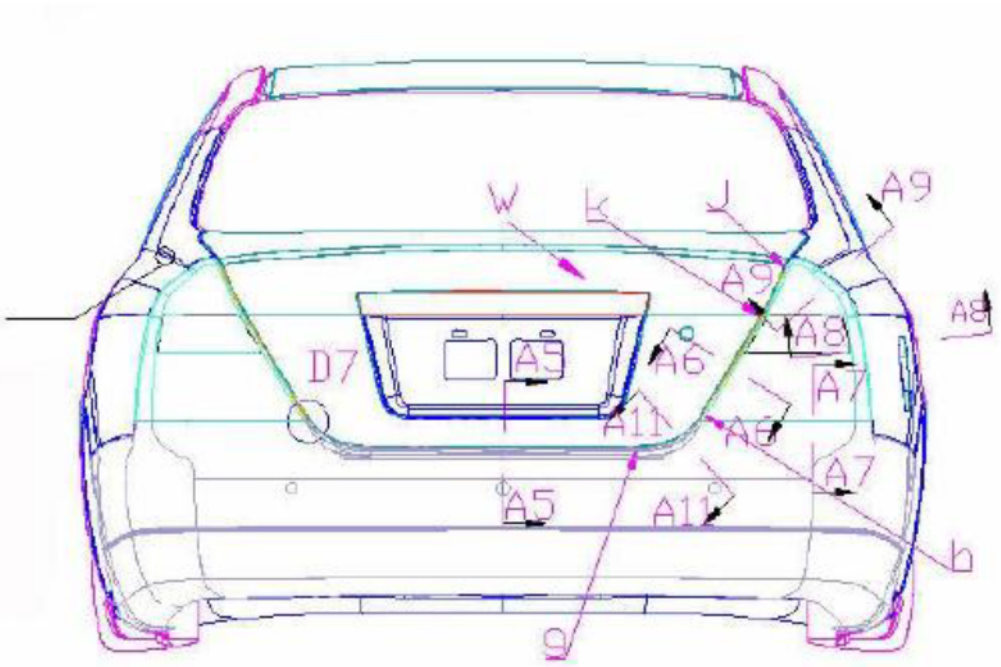
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The clearance between the front bumper and engine hood is 6±2 mm at U-U. and the clearance between the air intake grille and engine hood is 1 ± 1 mm, and its assembly tolerance is $1^{+0.5}_{-1.5}$.



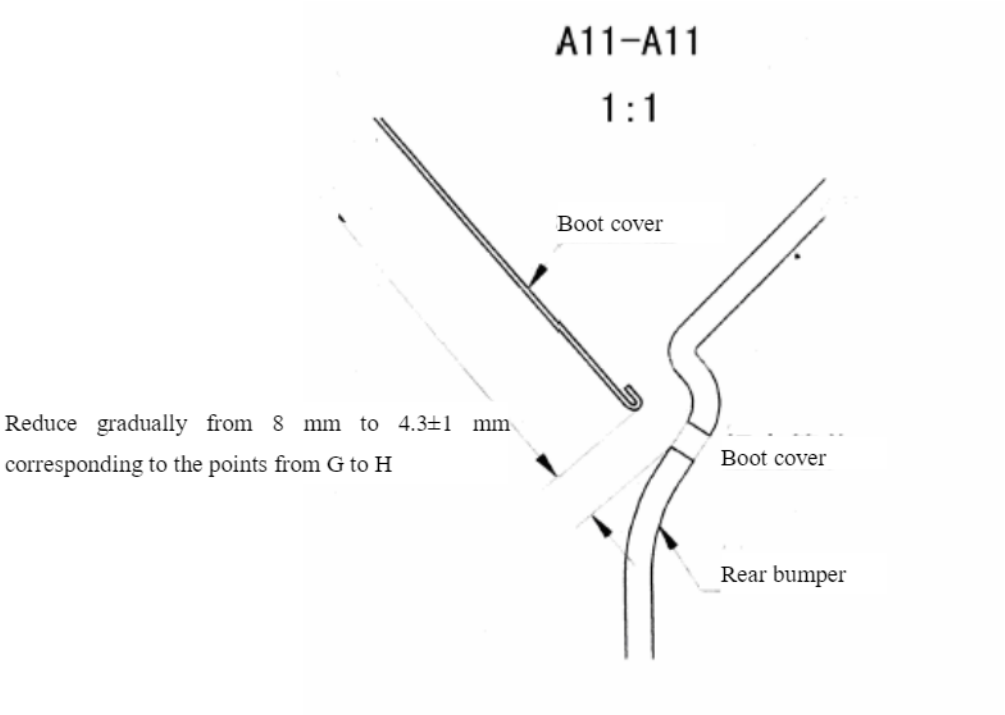
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Back View

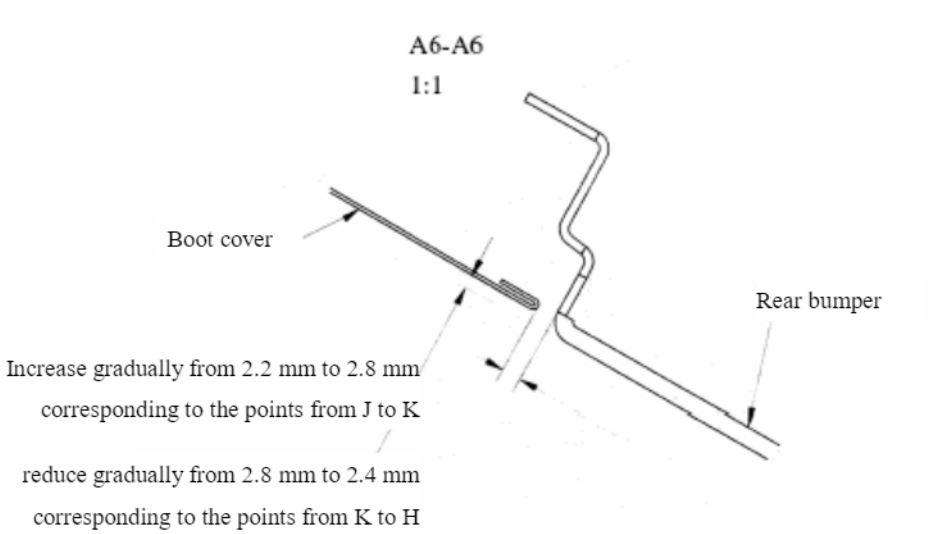


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The clearance between the boot cover and rear bumper reduces gradually from 8 mm to 4.3±1 mm corresponding to the points from G to H at A11-A11.

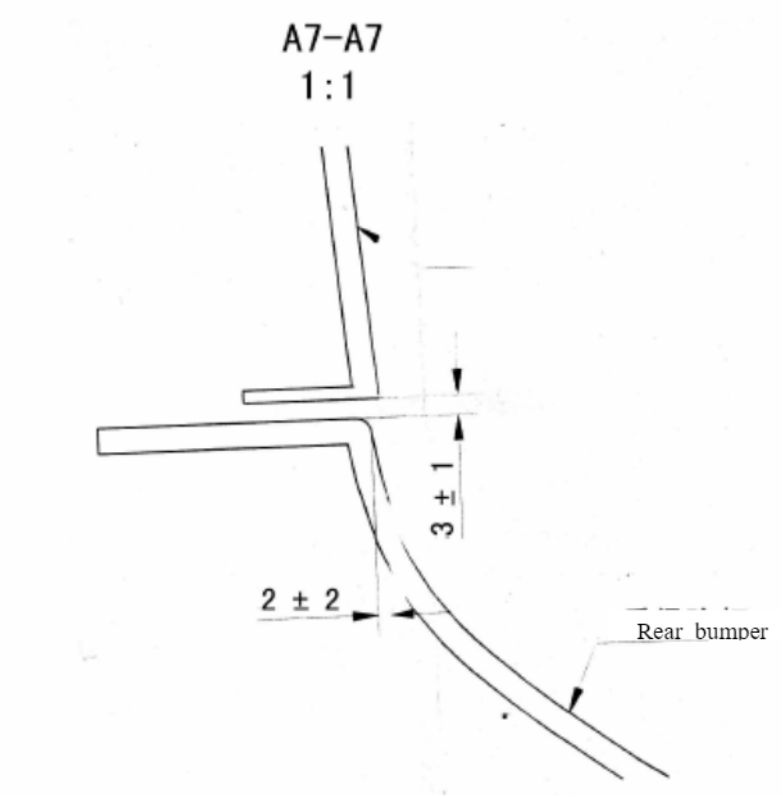


The clearance between the boot cover and tail lamp increases gradually from 2.2 mm to 2.8 mm corresponding to the points from J to K at A6-A6 and reduces gradually from 2.8 mm to 2.4±2 mm corresponding to the points from K to H.

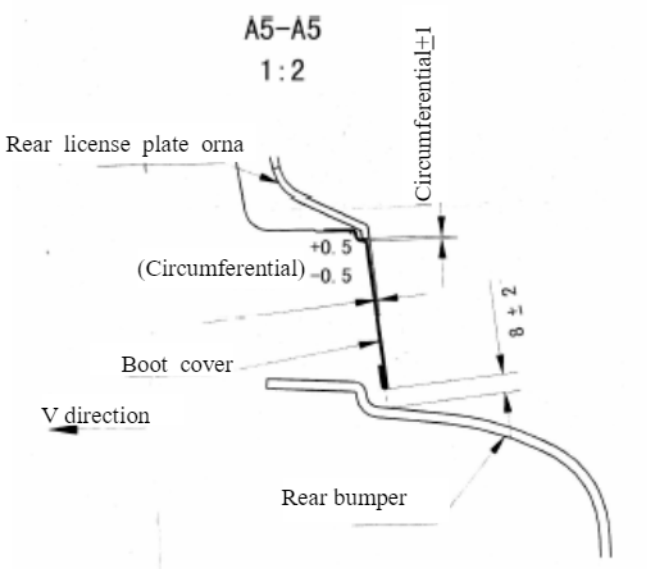


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The clearance between the tail lamp and rear bumper is 3±1 mm at A7-A7. and its assembly tolerance is 2±2 mm.

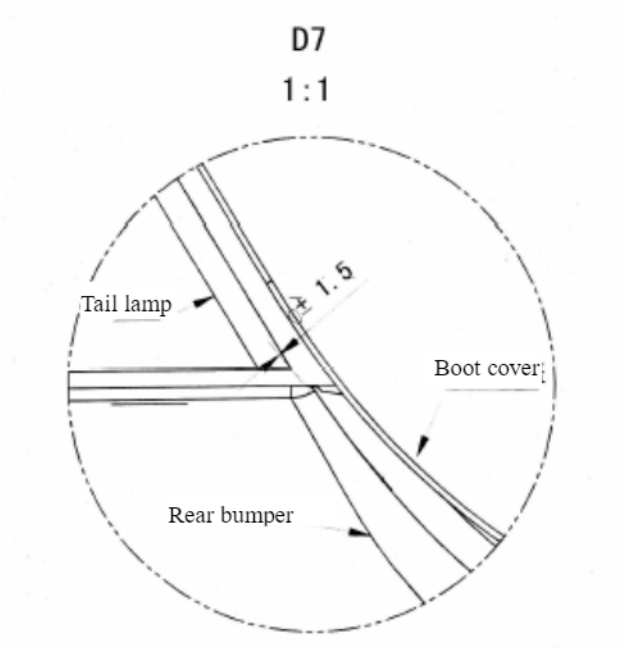


The clearance between the boot cover and rear bumper is 8±2 mm at A5-A5. and the clearance between the rear license plate trim and boot cover is l±l mm, and its assembly tolerance is $1^{+0.5}_{-1.5}$.

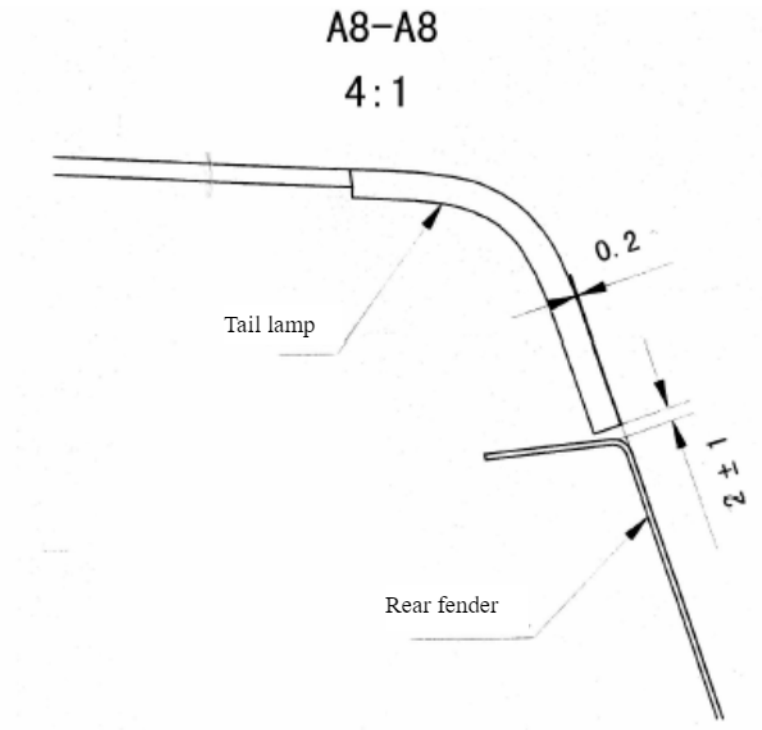


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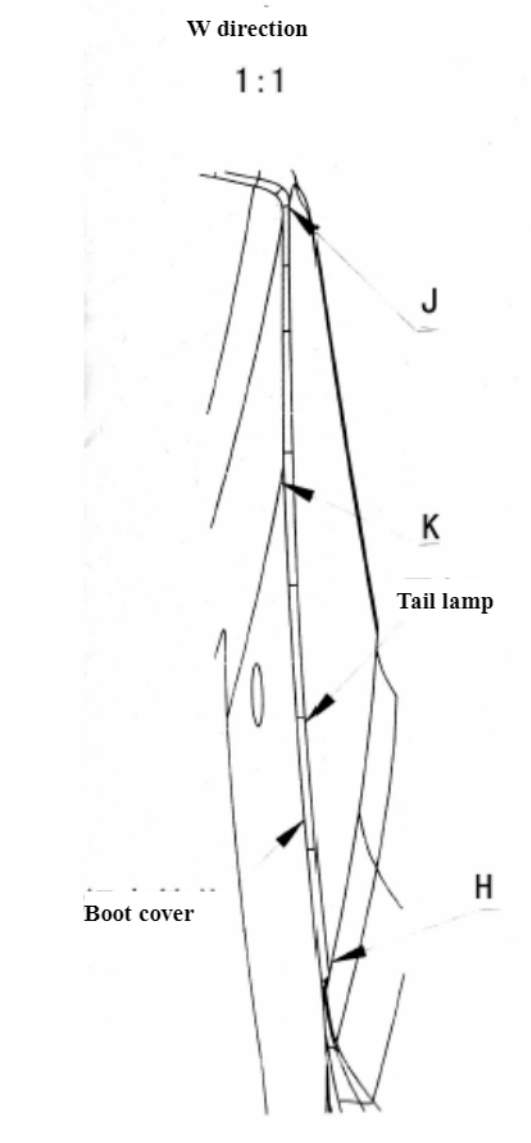
The assembly tolerance between the tail lamp and rear bumper is 0±1.5 mm at D7.



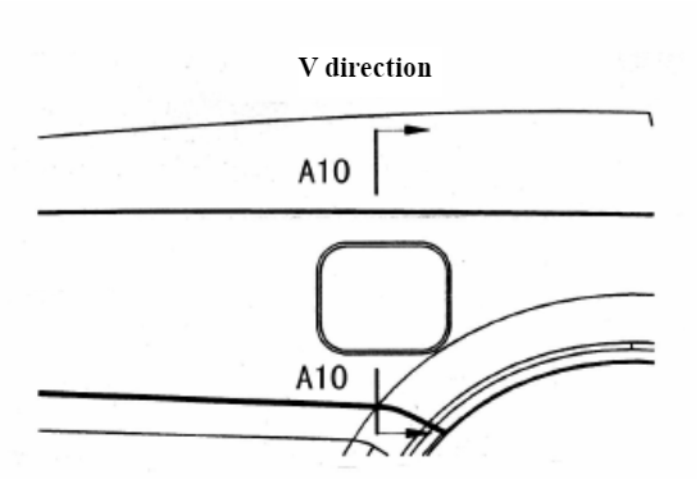
The clearance between the tail lamp and rear fender is 2±1 mm at A8-A8. and its assembly tolerance is 0.2 mm.



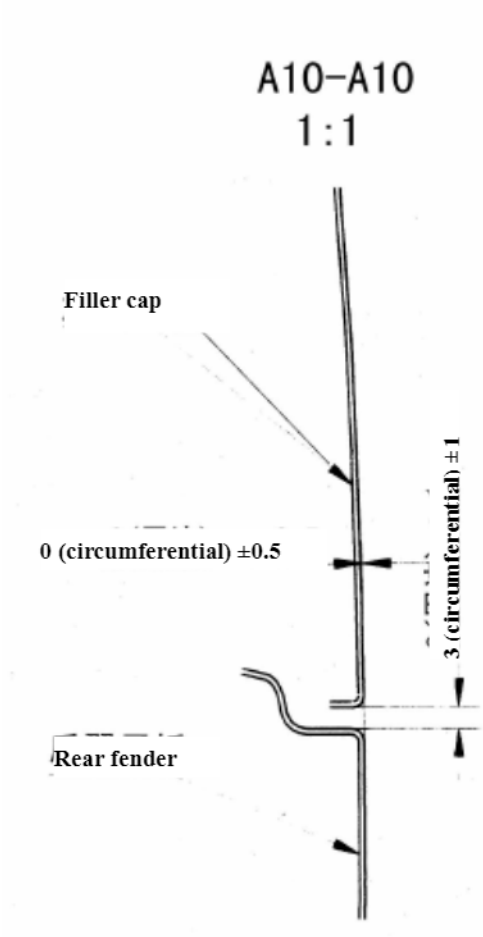
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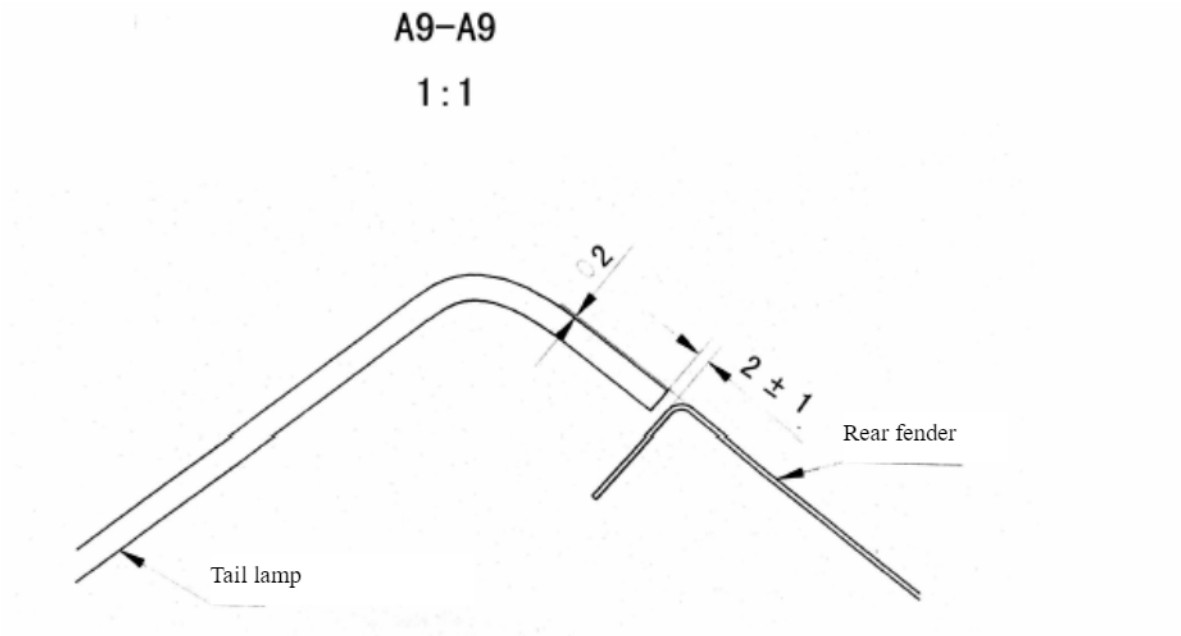


The clearance between the rear fender and filler cap is 3±1 mm at A8-A8. And its assembly tolerance is 0±1.5 mm.



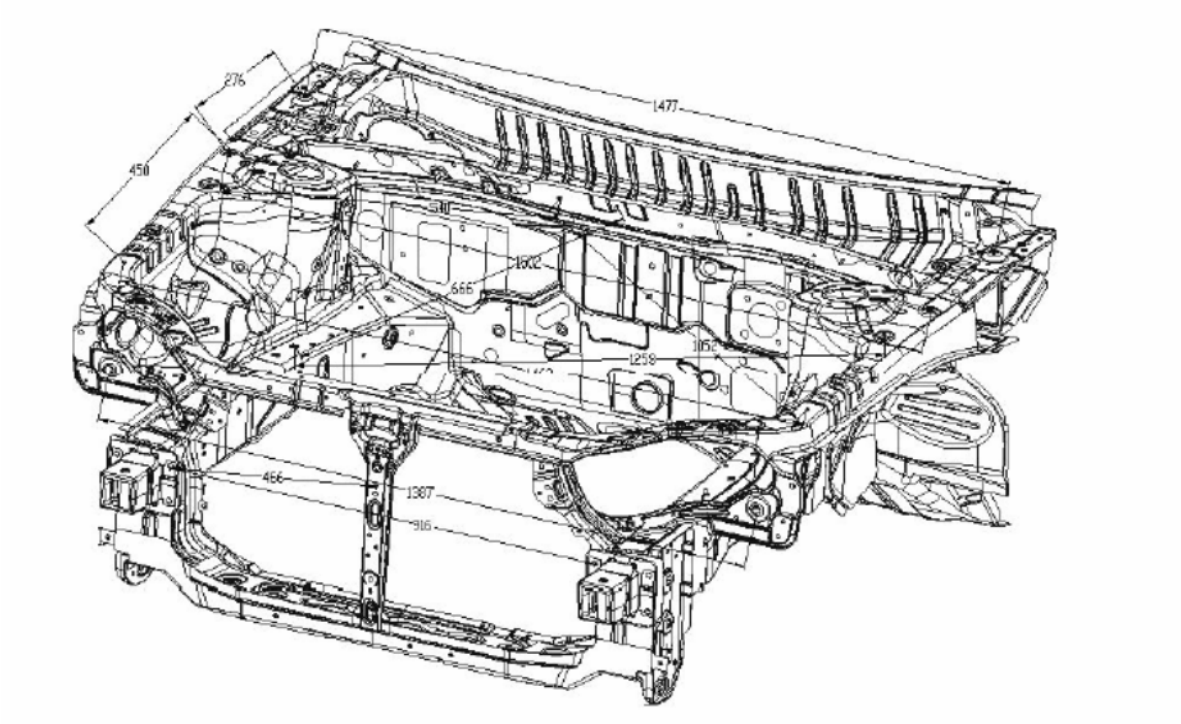
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The clearance between the tail lamp and the rear fender is 2±1 mm at A9-A9. And its assembly tolerance is 0.2 mm



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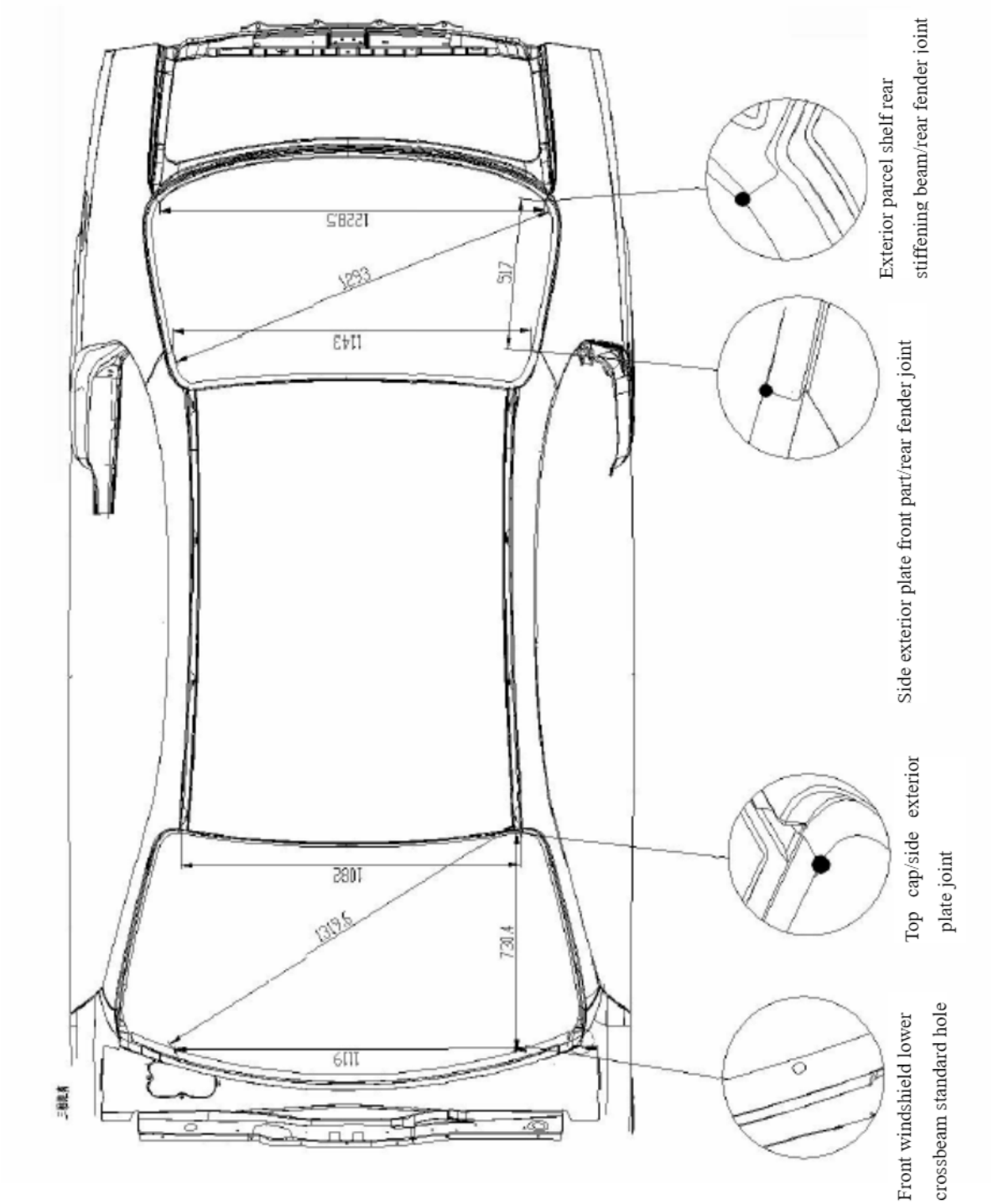
Engine Compartment Dimension



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Windshield Dimension

Unit: mm



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Body Dimension, L-R Remarks: The capital English letters mean the right side of vehicle body, and the lowercase letters mean the left side of body (viewed from the rear of vehicle).

A-a	B-b	C-c	D-d	E-e	F-f	G-g	H-h	I-i
1579	1607	1582	1601	1308	1130	1134	1635	1642

Symbol	Name	Aperture	Symbol	Name	Aperture
Aa	Front door hinge assembly hole	12	Ff	Side front door guide rail upper	
Bb	Front door hinge assembly hole	12	Gg	Side rear door guide rail upper	
Cc	Rear door hinge assembly hole	12	Hh	Front door support point	21.5
Dd	Rear door hinge assembly hole	12	Ii	Rear door support point	16
Ee	Front side plate assembly				

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