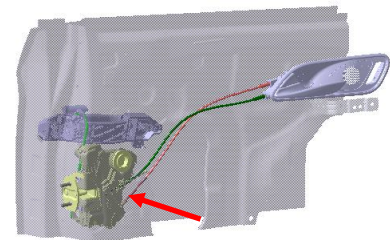


Replacement of front door lock assembly:

1) disassembly

- ① Raise the glass to the top
- ② Disassemble front door inner trim panel.
- ③ Remove the wire and harness that is attached to the interior panel.



- ④ disassemble water-proof membrane
- ⑤ Remove the lock bolts of the lock body assembly (tightening torque $8 \pm 2 \text{N.m}$).
- ⑥ disconnect the connection between door outward rod and lock.
- ⑦ pull out lock body assembly

2) Installation

Follow the opposite sequence of the disassembly procedures.

Attention:

- Please assemble all parts on their original positions.
- after assembly, check whether door's opening and closing are normal, and the locking should be firm. If not, please adjust or re-assemble the lock

Replacement of front door lock buckle

1) Disassembly

- ① mark the position of current lock buckle
 - ② disassemble fixing bolt of lock buckle
- (tightening torque $15.5 \pm 2 \text{N.m}$).

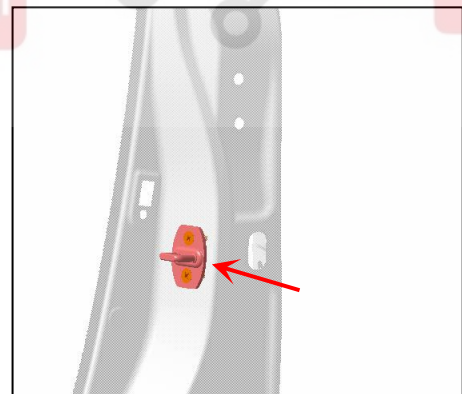
- ③ disassemble lock buckle

2) Installation

Follow the opposite sequence of the disassembly procedures.

Adjustment of front door lock buckle

- ① loosen the buckle's screw
- ② move the buckle to the needed direction. Ensure the buckle is in the middle of door lock.
- ③ tighten the fixing bolt of buckle



- ④ close door and check whether side difference and clearance meet the demand.

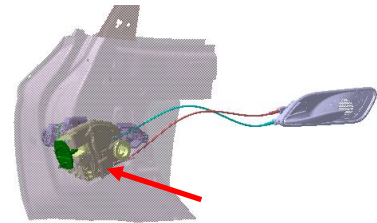
Note:

replacements of components on left and right front door are the same.

Replacement of rear door lock assembly:

1) Removal

- ① Raise the glass to the top
- ② Disassemble front door inner trim panel.
- ③ Remove the wire and harness that is attached to the interior panel.
- ④ disassemble water-proof membrane
- ⑤ Remove the lock bolts of the lock body assembly (tightening torque $8\pm 2\text{N.m}$).
- ⑥ disconnect the connection between door outward rod and lock.
- ⑦ pull out lock body assembly



2) Installation

Follow the opposite sequence of the disassembly procedures.

Note:

Hint: replacement of components on left and right rear door are the same.

Follow the opposite sequence of the disassembly procedures.

Vehicle Door Disassembly

Attention:

- The doors assembly methods are the same.
- When disassembling and assembling the door assembly, take good guard against the door and body scratch.
- After the door assembly is complete, it must to adjust to ensure the door open and close normally, The head of the hinge assembly bolt is also repainted (car body color).

■ Inspect whether the hinge rotating part exists poor lubrication or not. Apply lubrication grease if necessary.

■ Because of the heavy weight of door parts, The disassembly process requires a lot of cooperation with multiplayer.

Replacement of front door stopper:

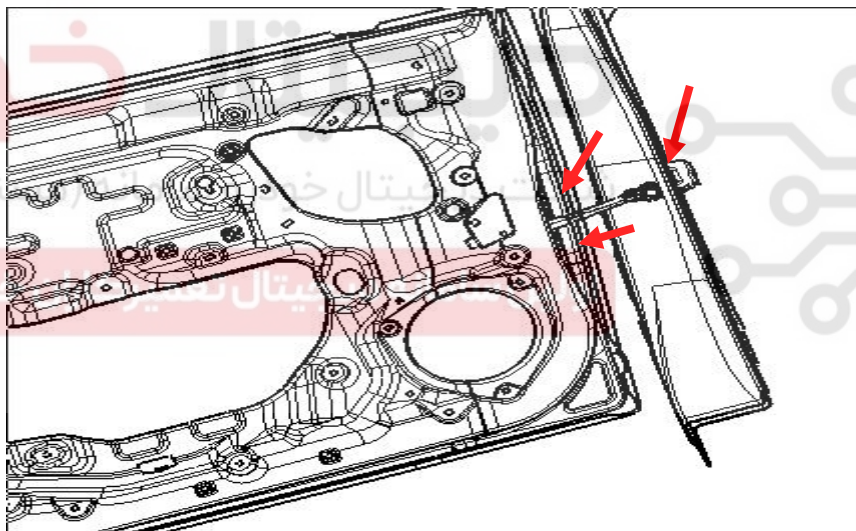
1) Disassembly

① Remove the fixing bolt connecting the body and the stopper with a 13mm socket spanner.

■ tightening torque: $16.7 \sim 25.5 \text{ N}\cdot\text{m}$

② Remove 2 fixing bolts connecting the door and the stopper with a 10mm socket spanner.

■ Tightening torque: $7.8 \sim 11.8 \text{ N}\cdot\text{m}$



2) Installation

Follow the opposite sequence of the disassembly procedures.

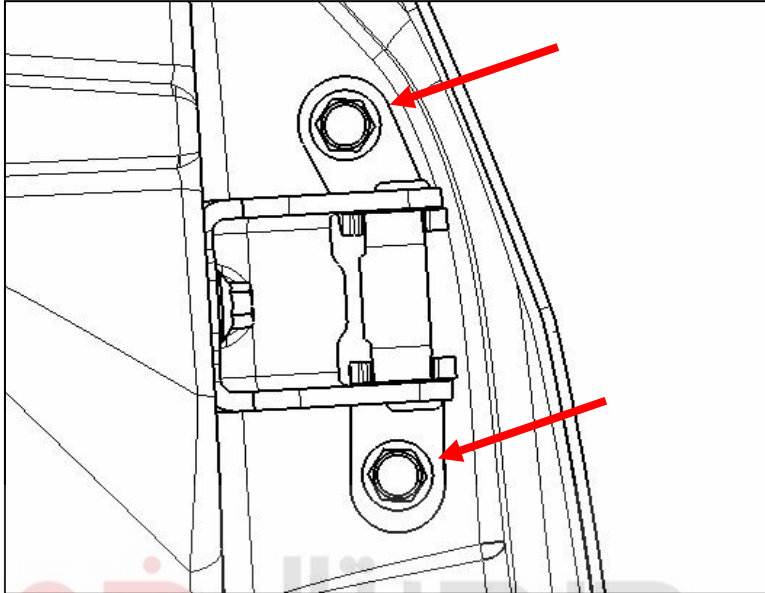
3) Maintenance

Please regularly clean the dust on the limiter arm and add lubricating grease to the limiter arm for lubrication.

Replacement of front side door hinge assembly

1) Disassembly

- ① To disassemble door stopper, refer to “door stopper replacement”;
- ② Remove the fixing bolt connecting the door and the hinge with 13m socket spanner.



■ Tightening torque: 29~35 N•m

Attention:

■ Disassembly should be done in several times. Do not loosen all parts in one time.

■ Please disassemble from lower part to upper part.

- ③ unplug the rubber sleeve of door harness, then unplug the door's electric connector.

- ④ lift down vehicle door with assistance of other people.

2) Installation

Follow the opposite sequence of the disassembly procedures.

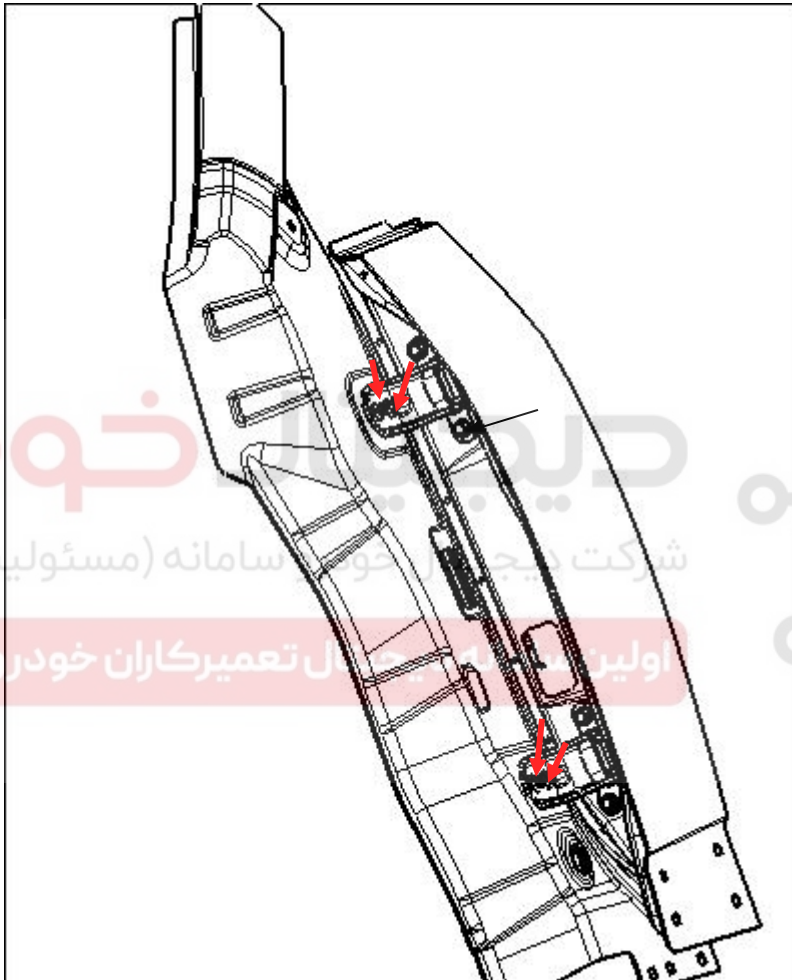
Attention:

■ tightening should be done in several times during the installation. Do not tighten all bolts well in one time.

Replacement of front door hinge

1) disassembly

- ① Remove the front side door assembly Refer to “Replacement of front side door assembly”
- ② Remove the fixing bolt connecting the body and the hinge with 13mm socket spanner.
- Tightening torque: 29~35 N•m



■ Installation

Follow the opposite sequence of the disassembly procedures.

Replacement of rear door stopper

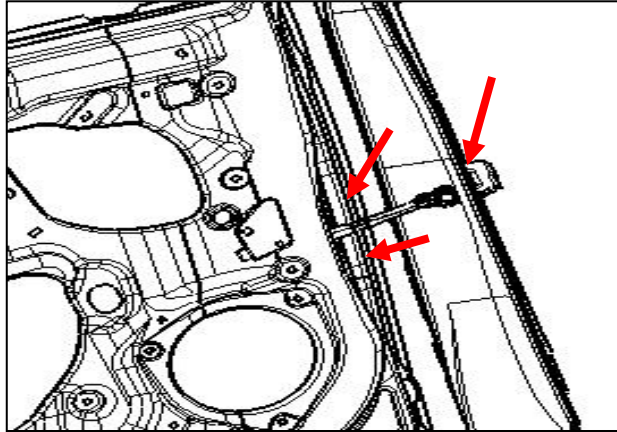
1) Disassembly

- ① Remove the fixing bolt connecting the body and the stopper with a 13mm socket spanner.

■tightening torque: 16.7~25.5 N•m

② Remove 2 fixing bolts connecting the door and the stopper with a 10mm socket spanner.

■ Tightening torque: 7.8~11.8 N•m



2) Installation

Follow the opposite sequence of the disassembly procedures.

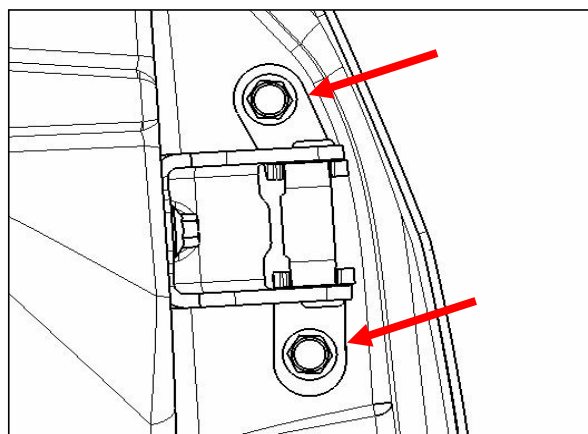
Replacement of rear side door hinge assembly

1) Disassembly

① To disassemble door stopper, refer to “door stopper replacement”;

② Remove the fixing bolt connecting the door and the hinge with 13mm socket spanner.

■ Tightening torque: 29~35 N•m



Attention:

■Disassembly should be done in several times. Do not loosen all parts in one time.

■Please disassemble from lower part to upper part.

③ unplug the rubber sleeve of door harness, then unplug the door's electric connector.

④ lift down vehicle door with assistance of other people.

2) Installation

Follow the opposite sequence of the disassembly procedures.

Attention:

■ tightening should be done in several times during the installation. Do not tighten all bolts well in one time.

Replacement of rear door hinge

1) Removal

① Disassemble rear door assembly

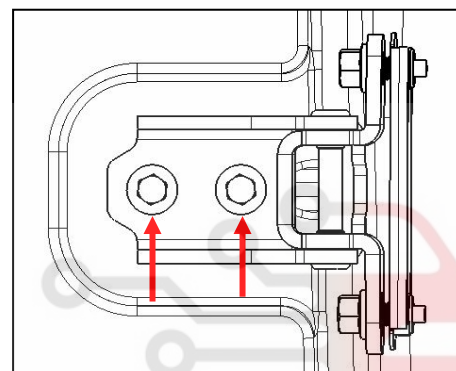
Refer to replacement of front side door assembly

② Remove the fixing bolt connecting the body and the hinge with 13mm socket spanner.

■ Tightening torque: 29~35 N•m

2) Installation

Follow the opposite sequence of the disassembly procedures.

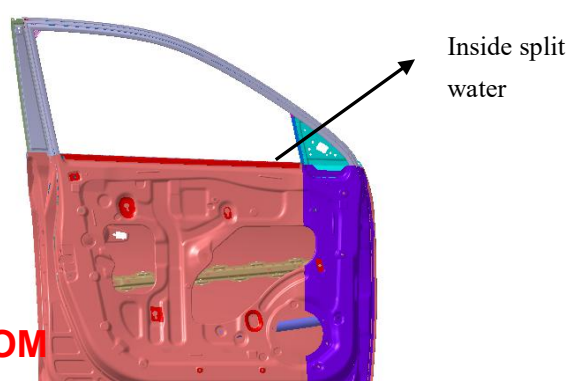


Replacement of the water strip inside the door

1) Removal Step:

① Disassemble door inner trim panel. Refer to “replacement of door inner trim panel”.

② Use your hand to lift one end and both hands to slowly remove the inside split water strip from the door from interior panel seam allowance.



Attention:

■ Do not exert too much force when disassembling , which may cause parts' deformation;

2) Assembly step

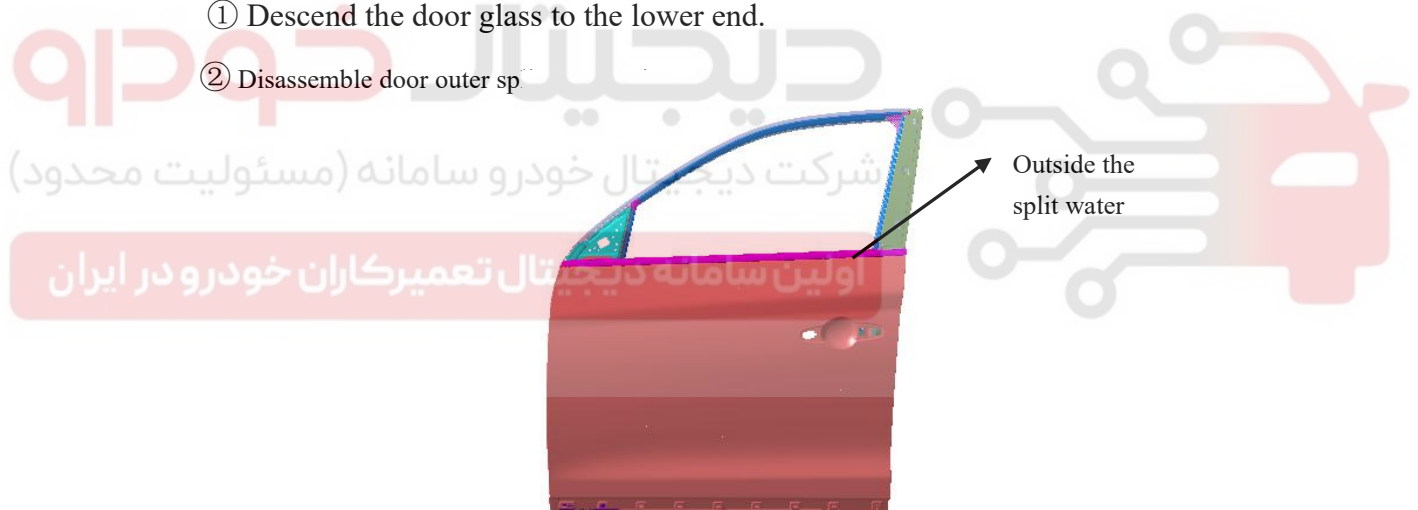
① Install the inside split water strip onto the door inner panel seam allowance, then slowly press the inside split water strip in place.

Replacement of door window outer split water strip

1) Removal Step:

① Descend the door glass to the lower end.

② Disassemble door outer sp



Attention:

■ Do not exert too much force when disassembling , which may cause parts' deformation;

■ Check the weather-strip in vision after disassembly, if there is deformation found, please replace it.

2) Assembly step

① Make the door outer split water strip align to the two installation holes, install the outer split water strip in place by pressing it.

Door waterproof membrane replacement:

1) Disassembly

- ① Disassemble door inner trim panel.
- ② Disassemble wire harness fixing buckle.
- ③ separate waterproof membrane and take it down.

2) Installation

Follow the opposite sequence of the disassembly procedures.

Attention:

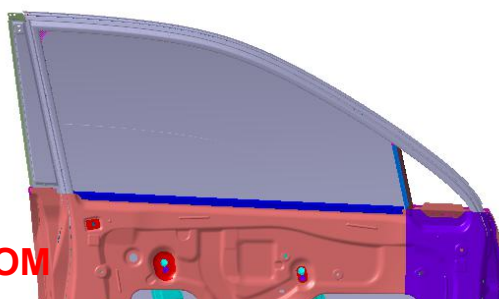
■ Do not touch the surface of the adhesive to reduce the effect of the reattachment weakening.

■ Be careful when taking down the waterproof membrane, so as not to damage the waterproof membrane.

Replacement of window glass

1) Removal steps:

- ① Disassemble door inner trim panel. Refer to “replacement of door inner trim panel”.
- ② disassemble water-proof membrane Refer to “Replacement of door waterproof membrane”.
- ③ disassemble inner weather-strip of side door. See "Replacing the water strip inside the side door".
- ④ install the window regulator switch back, lift the window to the appropriate location, use flat screwdriver to open the window regulator buckles.
- ⑤ Remove the window glass.



2) assembly procedures:

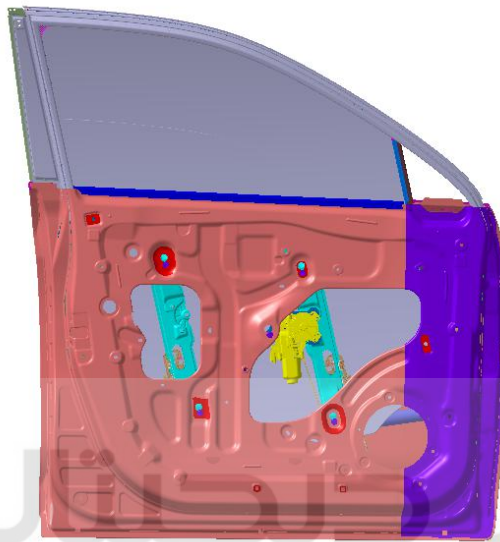
- ① install the window regulator switch back, lift the window to the middle location, be easy to install the glass in the regulator.
- ② put the window glass in the door, lift the glass to the top.
- ③ Install the window glass in place (clamping connection structure)
- ④ install inner weather-strip of front side door Refer to “inner weather-strip of front side door”
- ⑤ install waterproof membrane. Refer to “Replacement of front door waterproof membrane”.
- ⑥ Install the front door inner trim panel. Refer to “replacement of front door inner trim panel”.

Replacement of door window glass regulator

1) Removal Step:

- ① Disassemble door inner trim panel. Refer to “replacement of door inner trim panel”.
- ② disassemble water-proof membrane Refer to “Replacement of door waterproof membrane”.
- ③ disassemble inner weather-strip of front side door. See "Replacement of the side door inner split water strip".
- ④ Disassemble window glass See "Window Glass Replacement".

- ⑤ disassemble the fixing nuts of glass bracket and motor.
- ⑤ Disconnect the wiring harness connector of the glass regulator motor.
- ⑦ Take out the glass regulator.



2) Installation Step:

1 Attach the connector on the window regulator to the glass assembly.

② Tighten the window glass bracket fixing nut. Tightening torque: 9 ± 2 N.m.

③ Install the fixing nut on the window regulator motor. Tightening torque:

(9 ± 2) N.m

③ Install door glass. See "Window Glass Replacement".

⑤ install inner weather-strip of front side door See "Replacing the water strip inside the side door".

⑥ install waterproof membrane. Refer to “Replacement of door waterproof membrane”.

⑧ Install the door inner trim panel. Refer to “replacement of door inner trim panel”.

Note

After replacing the window regulator, you should carry out window anti-pinch and one-click regulating function learning, learning method is shown as below:

Turn the ignition switch to ON, first lower the glass to the bottom, manually pull up the button to raise the glass to the top, and keep the pull-up button at the top position for not less than 2 seconds, then pull down the button to lower the glass to the bottom.

After anti-pinch function learning is completed, the glass one-click regulating and remote control regulating window function can be realized.

Replacement of front door window glass groove

1) Removal Step:

① Disassemble door inner trim panel. Refer to “replacement of door inner trim panel”.

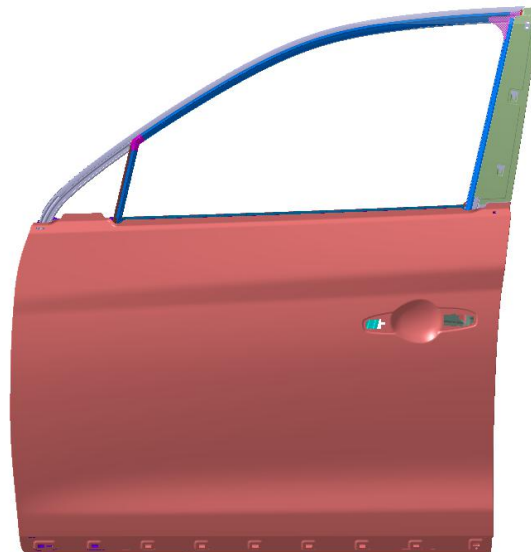
② disassemble water-proof membrane Refer to “Replacement of door waterproof membrane”.

③ disassemble inner weather-strip of side door. See "Replacement of the side door inner split water strip".

④ Disassemble the outer spit water strip of door window. Refer to “Replacement of outer weather-strip of door window”

⑤ Disassemble the window glass See "Window Glass Replacement".

⑥ Remove the front door window glass groove.



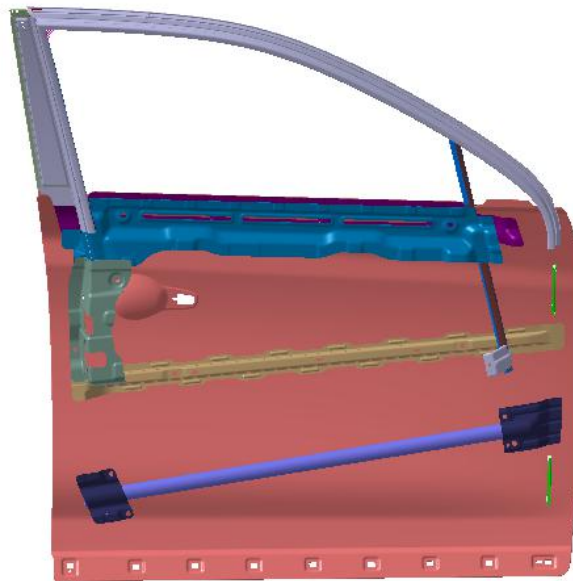
2) Installation Step:

- ① Install the window groove to the vehicle door.
- ② Install outer split water strip of door window. Refer to “outer weather-strip of front door window”.
- ③ Install the glass regulator of side door window Refer to “Replacement of door window glass regulator”. Tightening torque: (7~11)N.m
- ③ Install door glass. Refer to “Replacement of front door window glass”
- ⑤ Install inner split water strip of side door Refer to “Replacement of inner weather-strip of front side door”
- ⑥ install waterproof membrane. Refer to “Replacement of front door waterproof membrane”.
- ⑦ Install the door inner trim panel. Refer to “replacement of front door inner trim panel”.

Replacement of door window glass guide rail

1) Removal Step:

- ① Disassemble door inner trim panel. Refer to “replacement of door inner trim panel”.
- ② disassemble water-proof membrane Refer to “Replacement of door waterproof membrane”.
- ③ disassemble inner weather-strip of side door. See "Replacement of the side door inner split water strip".
- ④ Disassemble the outer spit water strip of door window. Refer to “Replacement of outer weather-strip of door window”
- ⑥ Disassemble window glass See "Window Glass Replacement".
- ⑦ Remove the front door window glass regulator Refer to “Replacement of door window glass regulator”.
- ⑧ Disassemble door window glass groove. See "Window glass groove replacement".
- ⑨ Loosen the fixing bolt of lower guide rail, take down the guide rail



2) Assembly step

- ① install the guide rail, tighten the fixing bolt, tightening torque is (6~10)N.m
- ② install door window glass regulator groove, install the two connecting feet first
- ③ Install outer weather-strip of door window. Refer to “outer weather-strip of door window”
- ④ Install the glass regulator of door window Refer to “Replacement of door window glass regulator”. Tightening torque: (7~11)N.m
- ⑤ Install the window glass. See "Window Glass Replacement".
- ⑥ install inner weather-strip of vehicle door See "Replacing the water strip inside the side door".
- ⑦ Install waterproof membrane. Refer to “Replacement of door waterproof membrane”.
- ⑧ Install the door inner trim panel. Refer to “replacement of door inner trim panel”.