

Dashboard

I. Overview

(1) structure summary

Dashboard position



(2) Torque Parameter

No.	Item	Torque (N·m)
1	Dashboard body fixed bolt	7~2
2	Dashboard body fixed bolt	7~2
3	Dashboard body fixed screw	1.6~0.3
4	Instrument panel tube beam central fixing bolt	20~3

(3) Maintenance precautions

1. Strictly observe the operation precautions of the airbag system, otherwise the vehicle damage and personal injury will be caused.
2. Before removing the electrical connector, the battery negative electrode must be removed and the battery must wait for at least 1 minute, otherwise the vehicle will be damaged;
3. When disassembling and installing components, cloth is used to protect the parts to be disassembled from damage;
4. when the metal clip is removed from the ornament , a flat-port screwdriver blade is covered with cloth;
5. Be careful not to damage the body components;
6. When installing trim body, confirm the clip has been installed into the hole on vehicle body, then press them into the hole carefully;

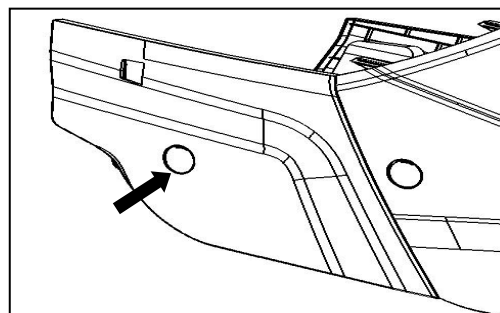
7. the disassembly of some components cannot be done by one person only. Two people should carry out operation if necessary;
8. Do not use excessive force when removing some trimmers, as it may cause the parts to deform.

II. Left/right-front extender of secondary dashboard

(1) Special tool (none)

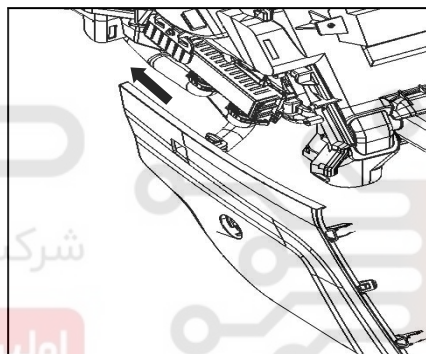
(2) Disassembly

First remove the side plate screw cap of auxiliary dashboard, and then use the cross screwdriver to remove the side installation screw, after removing, slightly pull out the buckles from the rear part.



(3) Installation

Align the L-shape claw of front extension plate assembly front part to the square installation hole below the A/C host, push it forward until the rear part screw hole aligning the installation bracket, put the rear part buckle to the auxiliary dashboard assembly, tighten the screw (1 screw, tightening torque $1.6 \pm 0.3 \text{ N.m}$), install the side plate screw cap of the auxiliary dashboard.

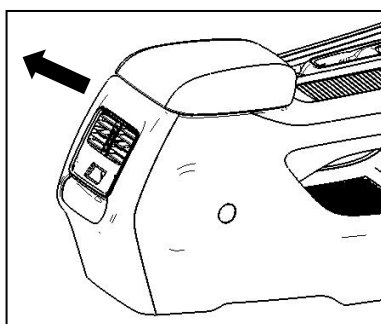


III. Rear cover of secondary dashboard

(1) Special tool (none)

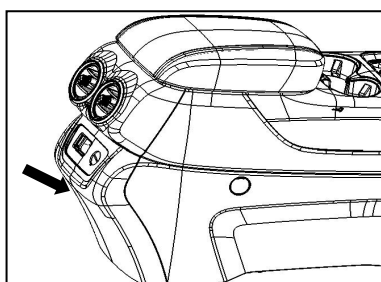
(2) Disassembly

Pull the sub-instrument rear cover assembly out from the armrest in the oblique upward direction as shown in the figure. When the upper end buckle is loose, pull the lower end mounting buckle in this way, and the rear cover assembly is fully buckled. After unplugging, unplug the connector that connects to the on vehicle power, and remove the rear row air outlet rear part air duct.



(3) Installation

Insert the on vehicle power and USB interface into the corresponding rear cover mounting hole, install the rear row air outlet rear air duct screw on the rear cover plate, close the rear cover assembly to the rear of the sub-dashboard assembly, connect the on vehicle power connector, and then take the buckle in the oblique downward direction from the lower end.

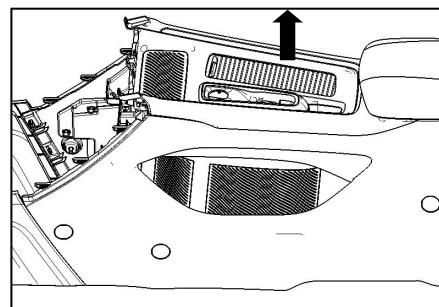


IV. Upper trim panel of auxiliary dashboard

(1) Special tool (none)

(2) Disassembly

1. Open the engine compartment cover
2. Disconnect the battery negative cable
3. Fully open the handle
4. Remove the electronic shift ball joint, refer to the removal and installation instruction of the electrical switches
5. pull out the trim panel of shift from rear side. pull out the assembling buckle that near saucer handle.
6. After the rear end buckle is pulled out, pull out the remaining buckles one by one.
7. Pull out the electrical connectors on the upper panel assembly.



(3) Installation

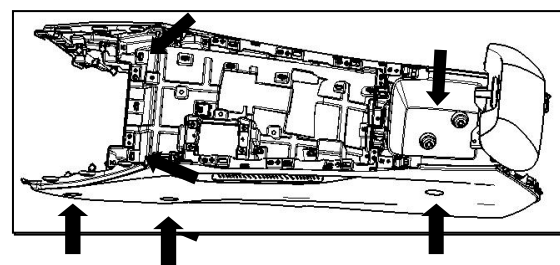
1. Pre-install the EPB switch on the auxiliary dashboard upper trim panel assembly. For details, please refer to the disassembly and installation instructions of each electrical component.
2. Totally open the armrest, connect the pre-assembled upper trim assembly to the mounting position on the sub-dashboard assembly.
3. After aligning the mounting holes from the front end, snap the mounting clips in sequence.
4. Close the armrest, and install the shift panel.
5. Connect the battery cable and close the engine cover

V. Auxiliary dashboard body assembly

(1) Special tool (none)

(2) Disassembly

1. Disassemble front seat assembly See front seat assembly
2. Disassemble left/right-front extension assembly of auxiliary dashboard
3. Remove Rear cover of secondary dashboard
4. Remove the electronic shift ball joint, refer to the removal and installation instruction of the electrical switches
5. Remove the secondary instrument panel trim assembly
6. pull out the armrest box liner of armrest
7. Remove the 6 screw caps on both sides of the auxiliary dashboard body assembly
8. Disconnect the internal wiring harness connector of the sub-dashboard body assembly
9. Remove the rear part air duct assembly of armrest box rear part
10. Disassemble the auxiliary dashboard assembly
 - 1). Remove the 3 fixing bolts in the armrest box
 - 2). Disassemble the left and right 4 fixing bolts connecting front end and pipe beam
 - 3). Remove the 2 fixing screws inside the armrest box.
 - 4). Remove the sub-dashboard body assembly obliquely rearward



(3) Installation

1. The installation sequence is installed in the reverse order of removal.
2. The bolt tightening torque $7 \pm 2 \text{ N.m}$, the screw tightening torque $1.6 \pm 0.3 \text{ N.m}$

VI. Lower body of steering column guard

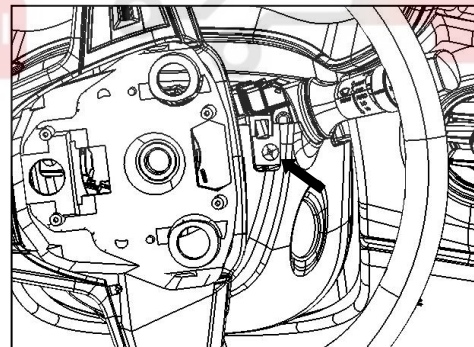
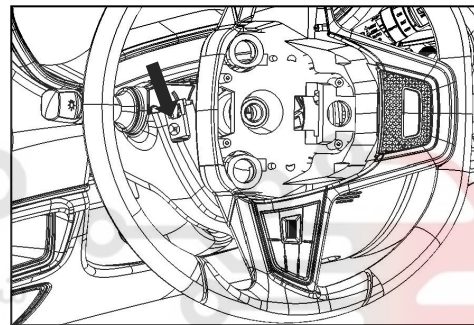
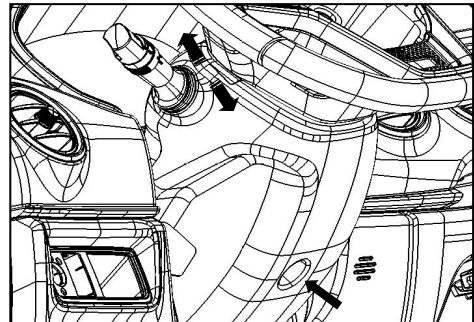
(1) Special tool (none)

(2) Disassembly

1. Disassemble steering wheel assembly, refer to direction column tube shell
2. pry up the buckle connecting steering column's lower guard and upper guard, and remove the upper guard of steering column.
3. Remove the 1 screw underneath the lower guard of steering column.
4. Disassemble the w screws of steering column lower guard

(3) Installation

1. The installation sequence is installed in the reverse order of removal.
2. The bolt tightening torque $1.6 \pm 0.3 \text{ N.m}$



VII. Left / right end cap body

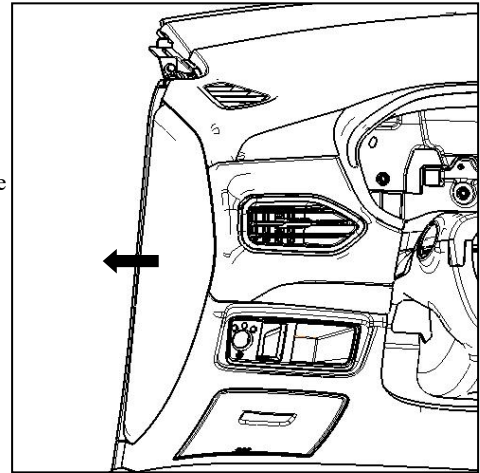
(1) Special tool (none)

(2) Disassembly

1. Remove the left/right front door frame strip
2. Use the buckle to pull out from the front panel and pull the end cap buckle completely out.

(3) Installation

1. align the L-type claw to dashboard, rotate the cap to align the assembling buckle to dashboard's assembling hole on the side. clamp the buckle firmly.
2. Install the front door frame strip



VIII. Skirtboard assembly

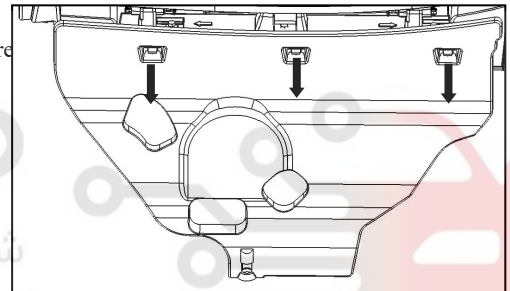
(1) Special tool (none)

(2) Disassembly

1. Push the three claws on baseboard forward until the assembling claws are

(3) Installation

1. align the round hole on baseboard's front side to the bolt on vehicle body's front side. rotate baseboard to insert the three claws into the holes on inner lining of glove case.



IX. Glove box assembly

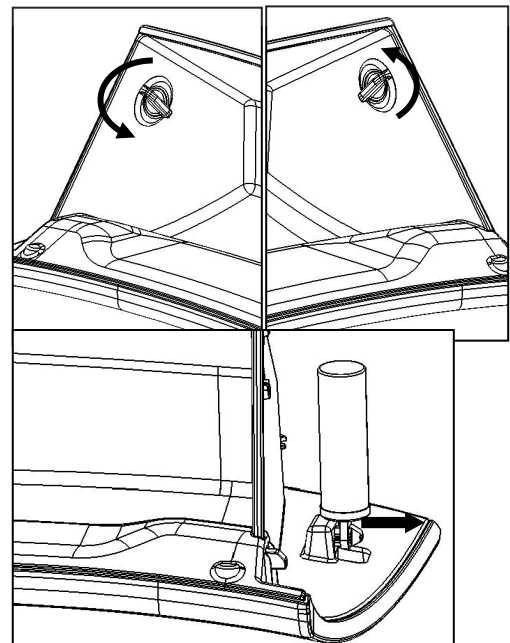
(1) Special tool (none)

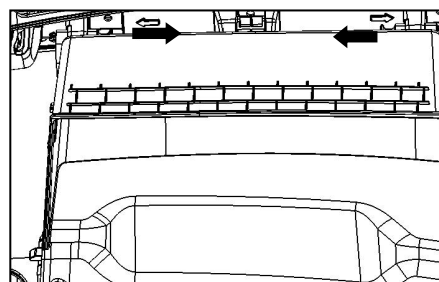
(2) Disassembly

1. open glove box, rotate the stopper on the case's inner sides and remove the stop block assembly in two sides.
2. fully open the glove case and disassemble the clamp ring of damper.
3. Disassemble the two pins in the glove box's bottom side.

(3) Installation

1. The installation sequence is installed in the reverse order of removal.





X. Driver's side storage box assembly

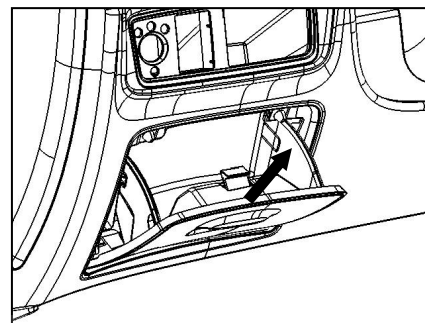
(1) Special tool (none)

(2) Disassembly

1. Open the driver's side storage box assembly, obliquely pull upward to separate the storage box from the hinge

(3) Installation

1. Put the storage box assembly into the opening of the driver's lower guard plate assembly, to make the semicircular claw of the storage box bottom to the hinge of the lower guard panel assembly, and install correctly.
2. Close the driver side storage box



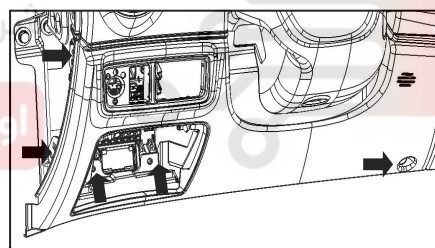
XI. Driver's lower guard plate assembly

(1) Special tool (none)

(2) Disassembly

disassemble the left front door frame strip

2. Disassemble the left end cap body assembly
3. Install the A-pillar lower trim on the left
4. Install driver's side storage box assembly
5. Remove driver side lower guard plate assembly.
 - 1). Remove the 2 fixing screws on the left side of the driver's side lower guard panel assembly.
 - 2). Remove 2 fixed screws on the bottom side of the driving side storage box.
 - 3). Remove 1 fixed screw on the bottom side of the driving side guard panel.
 - 4). Disassemble buckles on left/right/top side of bottom guard plate on driver's side.
 - 5). Disconnect harness connector of switch, temperature sensor and USB diagnostics port.
 - 6). Remove driver lower guard plate assembly.



(3) Installation

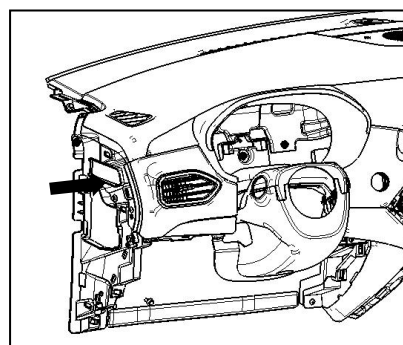
1. The installation sequence is installed in the reverse order of removal.
2. The bolt tightening torque $7\pm 2\text{N.m}$, the screw tightening torque $1.6\pm 0.3\text{N.m}$

XII. Driver's side left trim plate assembly

(1) Special tool (none)

(2) Disassembly

1. disassemble the left front door frame strip
2. Disassemble the left end cap body assembly
3. Remove the fixing bolt of driver's side panel, and pry the buckle



(3) Installation

1. The installation sequence is installed in the reverse order of removal.

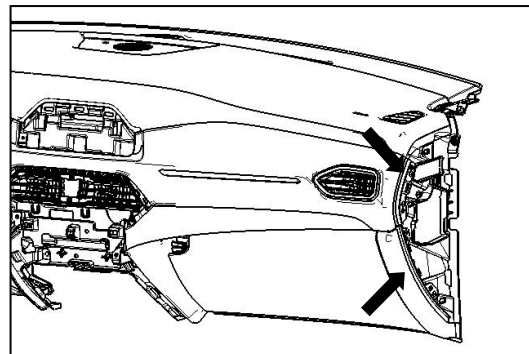
2. The bolt tightening torque $1.6 \pm 0.3 \text{ N.m}$

XIII. Driver's side right trim plate assembly

(1) Special tool (none)

(2) Disassembly

1. disassemble the right front door frame strip
2. Disassemble the right end cap body assembly
3. Remove the 2 fixing bolts of driver's side panel, and pry the buckle
4. Remove the front screen, and disconnect the central control switch group wiring harness connector.
5. Remove the driver's side right trim plate assembly



(3) Installation

1. The installation sequence is installed in the reverse order of removal.

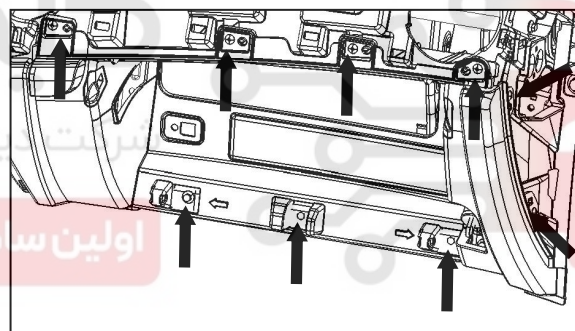
2. The bolt tightening torque $1.6 \pm 0.3 \text{ N.m}$

XIV. Glove box inner liner assembly

(1) Special tool (none)

(2) Disassembly

1. Disassemble the right front door frame rubber strip
2. Disassemble the right end cap body assembly
3. Disassemble glove box assembly
4. Disassemble baseboard assembly
5. Disassemble right trim plate on driver's side
6. Disassemble the A-pillar lower trim on the right
7. Disassemble the glove box inner liner assembly
 - 1) Disassemble the 6 fixing bolts on glove box inner lining's upper and right side
 - 2) Disassemble the 3 fixing bolts connecting glove case inner lining's bottom side and pipe beam
 - 3) Disconnect the harness connector of the glove box light and contact switch.
 - 4) Take out the glove box inner liner assembly.



(3) Installation

1. The installation sequence is installed in the reverse order of removal.

2. The bolt tightening torque $7 \pm 2 \text{ N.m}$, the screw tightening torque $1.6 \pm 0.3 \text{ N.m}$

XV. Middle lower guard plate assembly

(1) Special tool (none)

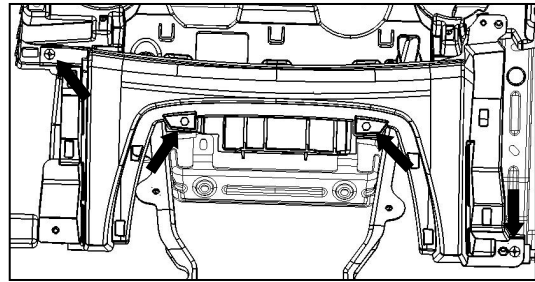
(2) Disassembly

1. Remove the left/right front door frame rubber strip
2. Remove the left/right end cap body.
3. Disassemble the front seat assembly
4. Disassemble left/right-front extension of auxiliary dashboard
5. Remove the auxiliary dashboard rear cover assembly.
6. Remove the auxiliary dashboard upper trim panel assembly
7. Disassemble the auxiliary dashboard body assembly.

or Disassemble the A pillar trim strip on the left/right side

9. Disassemble the driver's side storage box assembly
10. Disassemble the driver's side lower guard plate assembly
11. Disassemble driver's side left/right trim plate assembly
12. Remove the glove box assembly.
13. Disassemble baseboard assembly
14. Disassemble the glove box inner liner assembly
15. Disassemble the middle lower guard plate assembly

- 1). Remove the 2 fixing screws on the left upper and right upper of the middle lower guard plate assembly.
- 2) Disassemble the two fixing bolts connecting the middle lower guard plate and pipe beam.
- 3) Disconnect the wire harness connector of induction coil.
- 4) Pry up the buckles and remove the middle lower guard plate assembly.



(3) Installation

1. The installation sequence is installed in the reverse order of removal.
2. The bolt tightening torque $7\pm2\text{N.m}$, the screw tightening torque $1.6\pm0.3\text{N.m}$

XVI. Dashboard cover assembly

(1) Special tool (none)

(2) Disassembly

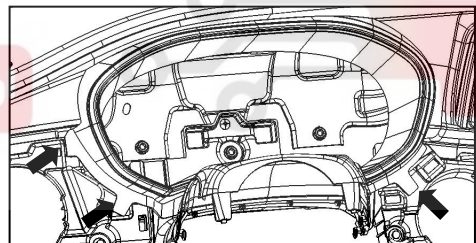
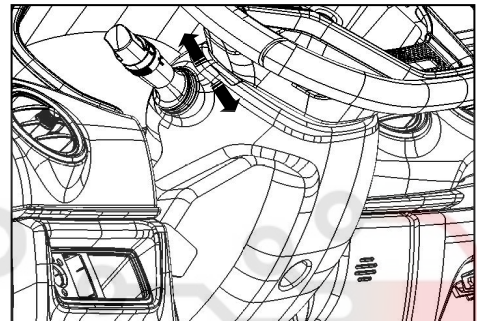
1. Remove the left/right front door frame rubber strip
 2. Remove the left/right end cap body.
 3. Disassemble driver's side left/right trim plate assembly
- Remove the instrument cover assembly

- 1) Pry up the buckle connecting steering column's lower guard and upper guard, and remove the upper guard of steering column.

- 2) Disassemble buckles of dashboard cover from bottom to top
- 3) Remove combination instrument cover assembly,

(3) Installation

1. The installation sequence is installed in the reverse order of removal.

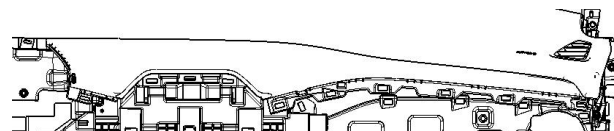


XVII. Co-driver side trim strip assembly

(1) Special tool (none)

(2) Disassembly

1. Remove the left/right front door frame rubber strip
 2. Remove the left/right end cap body.
 3. Disassemble driver's side left/right trim plate assembly
- Remove the instrument cover assembly
5. Remove the co-driver side trim strip assembly, pry the buckles from the lower part in order



(3) Installation

1. The installation sequence is installed in the reverse order of removal.

XVIII. Driver side trim strip assembly

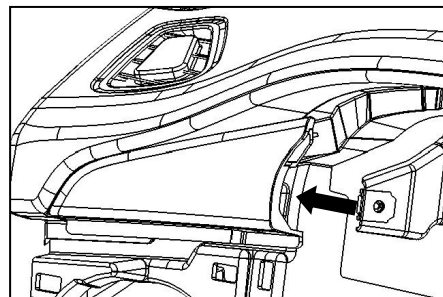
(1) Special tool (none)

(2) Disassembly

1. Remove the left/right front door frame rubber strip
2. Remove the left/right end cap body.
3. Disassemble driver's side left/right trim plate assembly
- Remove the instrument cover assembly
5. Remove the driver side trim strip assembly, pry the buckles from the right part in order

(3) Installation

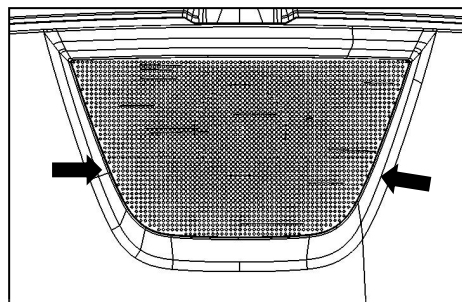
1. The installation sequence is installed in the reverse order of removal.

**XIX. Loudspeaker cover assembly****(1) Special tool (none)****(2) Disassembly**

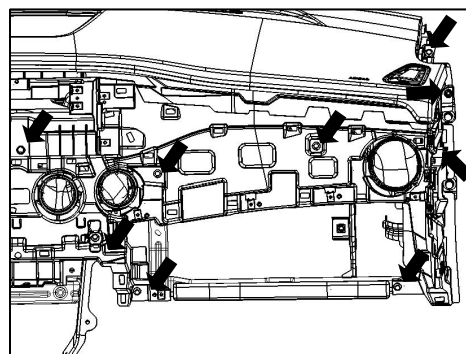
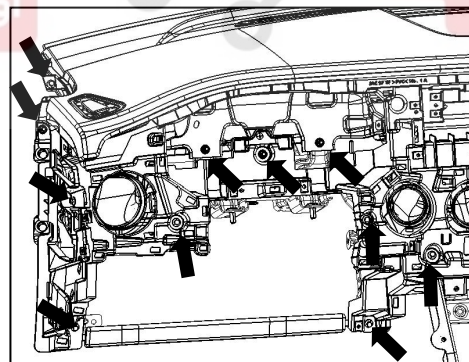
1. Use buckle screwdriver to pry the buckles from the loudspeaker cover edge

(3) Installation

1. Align the loudspeaker cover clamp too to dashboard body installation hole, and install correctly.

**XX. Dashboard assembly****(1) Special tool (none)****(2) Disassembly**

1. Remove the left/right front door frame rubber strip
2. Remove the left/right end cap body.
3. Disassemble the front seat assembly
4. Disassemble left/right-front extension of auxiliary dashboard
5. Remove the auxiliary dashboard rear cover assembly.
6. Remove the auxiliary dashboard upper trim panel assembly
7. Disassemble the auxiliary dashboard body assembly.
8. Disassemble the A-pillar lower trim on the left/right side
9. Disassemble the driver's side storage box assembly
10. Disassemble the driver's side lower guard plate assembly
11. Disassemble driver's side left/right trim plate assembly
12. Remove the glove box assembly.
13. Disassemble baseboard assembly
14. Disassemble the glove box inner liner assembly
15. Disassemble the middle lower guard plate assembly
16. Disassemble combination instrument cover assembly.
17. Remove the dashboard central console assembly
18. Disassemble the left trim strip of dashboard cover
19. Remove the loudspeaker cover assembly
20. Disassemble the HUD cover assembly
21. Disassemble the A-pillar upper trim on the left/right side
22. Disassemble the steering wheel assembly
23. Disassemble the steering column lower guard
24. Disassemble each electrical component assembly
 - 1). Disassemble the combination meter assembly, see "Combination Instrument".
 - 2) Remove the center loudspeaker assembly See the center loudspeaker assembly
 - 3) Remove the MP5 and GPS host assembly See the MP5 and GPS host assembly



17. Disassemble the front passenger airbag, see 18. front airbag .

5). Disassemble the sun sensor

25. Disassemble the dashboard assembly

1). Remove the bolts and nuts as shown.

2). Pull out the dashboard assembly diagonally.

(3) Installation

1. Pre-installed dashboard assembly

2. Push the dashboard assembly forward, to make four guide sleeve holes align to the bolts of sheet metal on vehicle's front side.

3. Pull out the harness of dashboard, sunlight sensor, MP5, electric watch and etc.

4. Connect the front passenger airbag wiring harness

5. Adjust the attitude of the instrument panel assembly so that the central control and instrument area tube beam positioning pins are aligned with the instrument panel assembly mounting holes.

6. Check if the mounting points of each instrument panel assembly are aligned and whether the positioning pins are inserted into the positioning holes.

7. Tighten each mounting nut and bolt, tightening torque $7 \pm 2 \text{ N.m}$

XXI. Dashboard crossmember weldment assembly

(1) Special tool (none)

(2) Disassembly

1. Open the engine cover

2. Disconnect the negative port of the battery

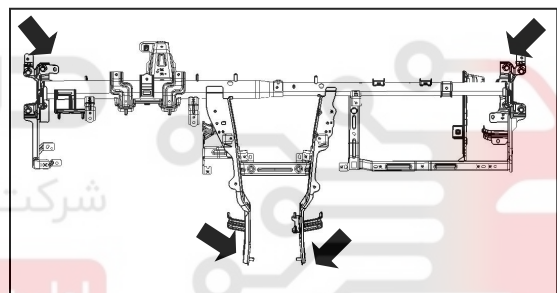
3. Disassemble the dashboard assembly.

4. Disassemble each electrical component and controller assembly.

5. Disconnect the harness from each controller to the rest of the body.

6. Remove a total of 12 connecting bolts on the left and right sides of the car body, the floor, and the front wall of the hairpin.

7. Remove the instrument panel beam weld assembly.



(3) Installation

1. Each assembly part that needs to be mounted on the instrument panel beam welding assembly is pre-assembled.

2. First align the positioning pins on the left and right sides to the positioning holes on the side of the car body.

3. Tighten the 12 mounting bolts on the dashboard beam, tightening torque $20 \pm 3 \text{ N.m}$

