

AUDIO SYSTEM

4610-00/4610-01/8610-22/8610-26/8620-22/8910-07/8930-01/

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AUDIO SYSTEM

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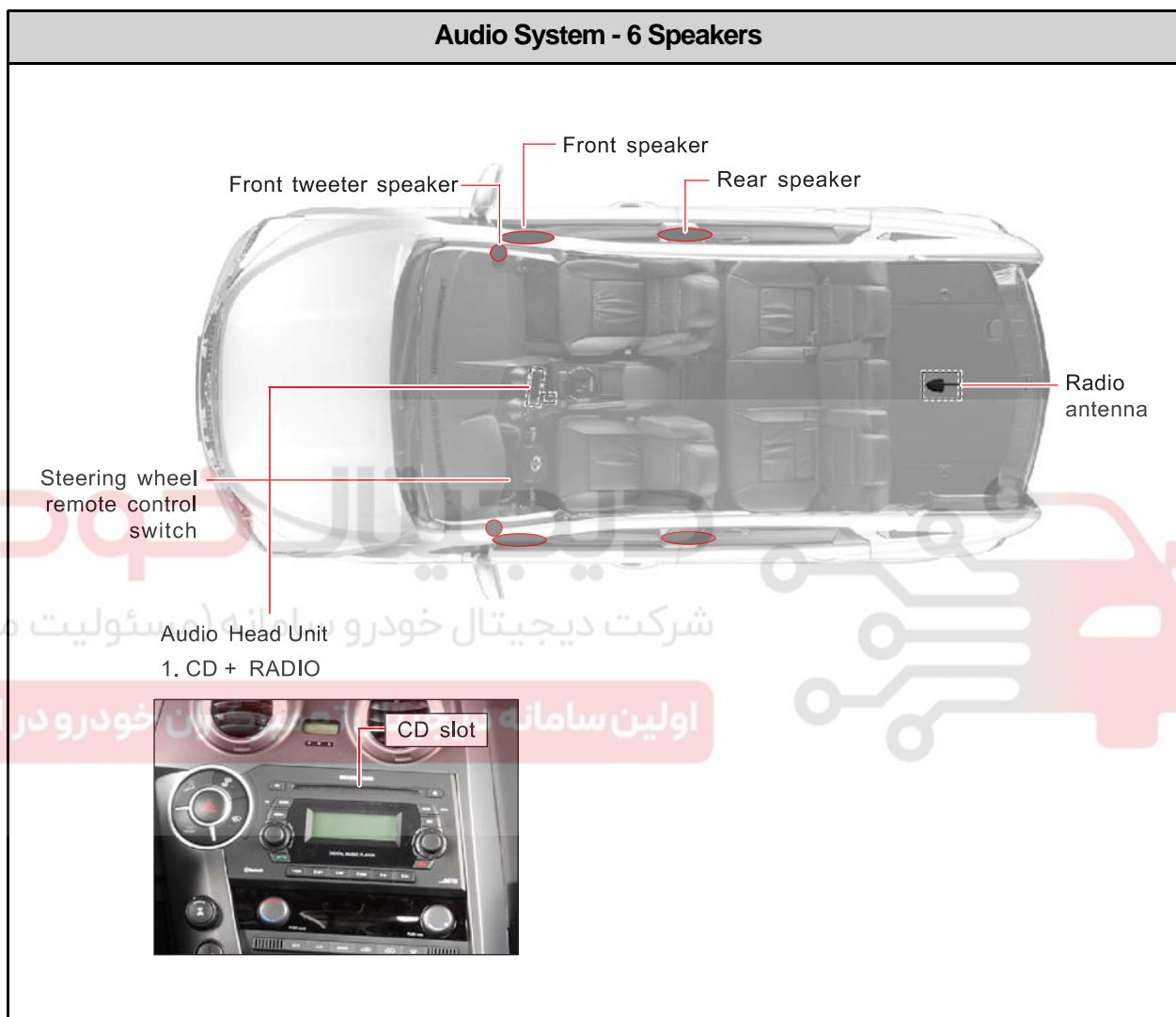
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دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



AUDIO SYSTEM**8930-01****OVERVIEW AND INSTALLATION****1. AUDIO SYSTEM OVERVIEW**

Modification basis	
Application basis	
Affected VIN	

AUDIO SYSTEM

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CONFIGURATION AND FUNCTIONS


S.G.N.

4610-00


AUDIO CONTROL SWITCH ON STEERING WHEEL

1) Locations and Functions

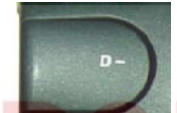
Action Sports uses DSI 6-speed automatic transmission. DSI 6-speed transmission has two Tip Tronic switches on the TGS lever and the steering wheel.




TIP SWITCH (+)



TIP SWITCH (-)



POWER



VOL **VOL**

▲ ▼

Increase or reduce volume

POWER

Turns on and off the audio system.

SEEK **SEEK**

▲ ▼

In radio mode

- Press briefly: Manual searching for a station.
- Press and hold: Automatic searching for a station.

In CD mode

- Press briefly: Play next/previous track.
- Press and hold: Move forward/backward in current track.

In CD-ROM/USB mode

- Press briefly: Play next/previous file or station automatically.
- Press and hold: Move forwards / backwards

MUTE

Stops audio output from audio system. To resume the audio output, press the button again.

Bluetooth Switch

To receive a call in Bluetooth mode, press this switch.
To reject a call, press and hold this switch.

MODE

Changes the audio mode in order.

Modification basis	
Application basis	
Affected VIN	

2) Components

The audio switches on the steering wheel includes audio remote control switches.

These switches operate supplied with 5 V and there are three connectors. Functions for each pin of the main connectors are shown in the table below.

Main Connector

Operating Voltages

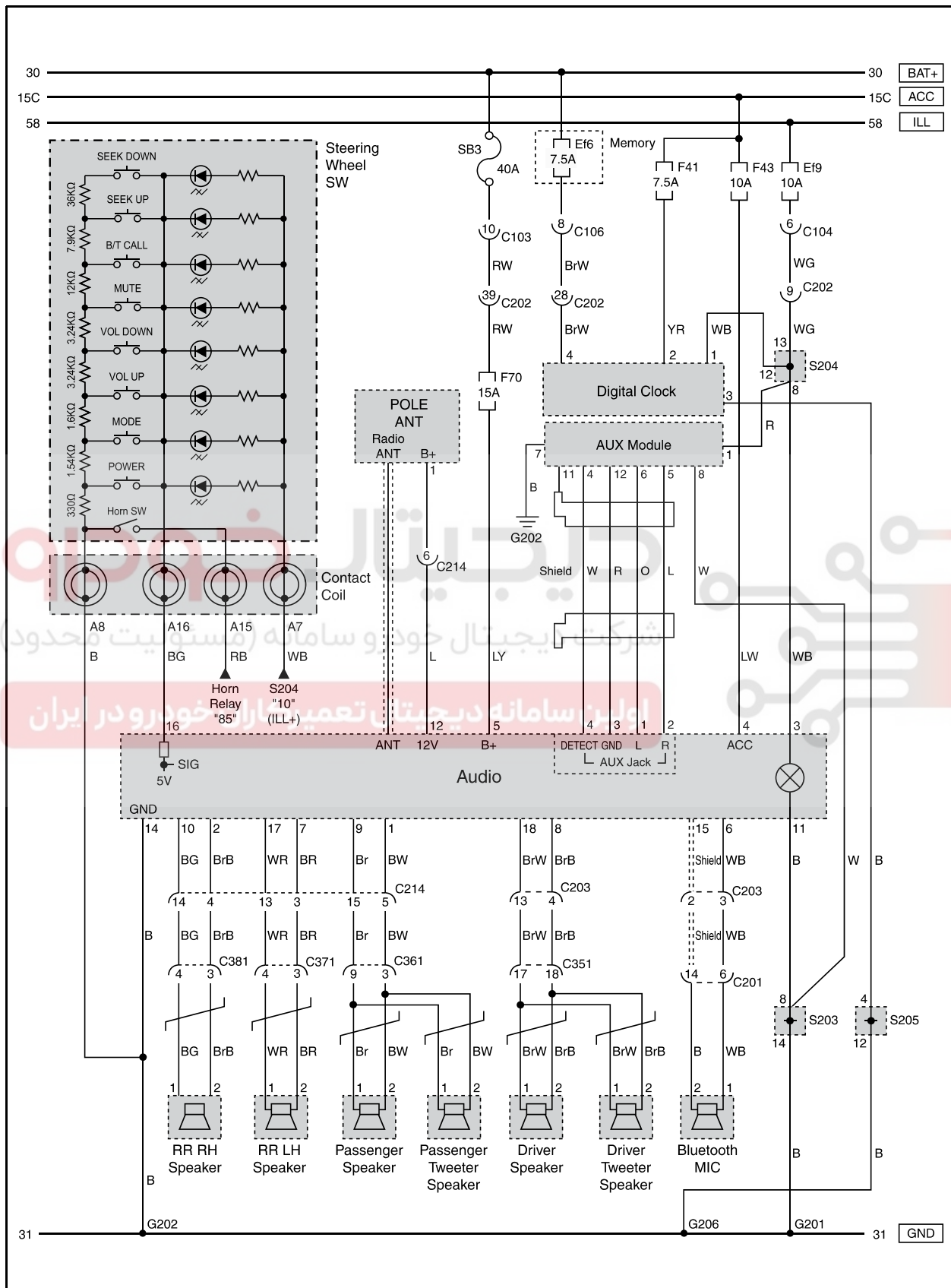
VOL UP 1.1~1.7 V		MODE 0.6~1.0 V
VOL DOWN 1.8~2.2 V		MUTE 2.3~2.7 V
SEEK UP 3.5~3.9 V		B/T 2.9~3.3 V
SEEK DOWN 4.0~4.6 V		

Switch and PCB
Switch and PCB

Functions of main connector by pin			
Pin No.	Name	Pin No.	Name
31	Audio signal	36	N.C / CRUISE SIG (GSL)
32	Illumination (-)	43	N.C
33	Illumination (+)	48	(TIP SHIFT) ECU GND
34	N.C / ECU GND (GSL)	49	(TIP SHIFT) ECU SIG
35	N.C / ECU 5V (GSL)		

Modification basis	
Application basis	
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3) Circuit Diagram



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► Audio Switches on Steering Wheel

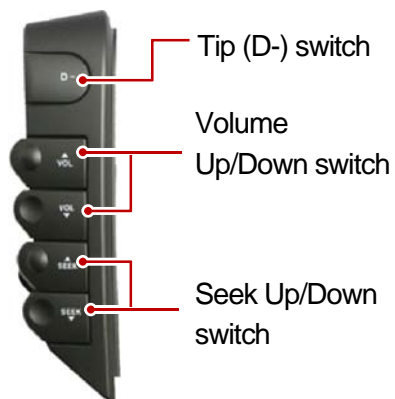
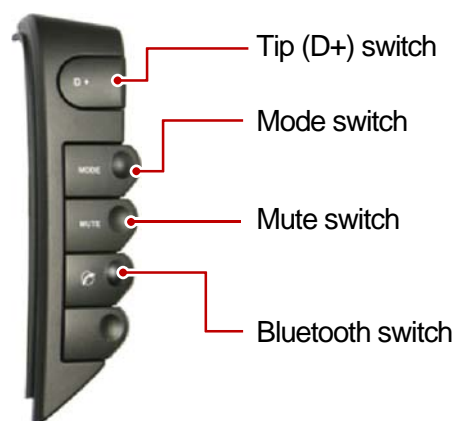
Audio switch on steering wheel
(Left)

Side view

Front view



Power button

Audio switch on steering wheel
(Right)

Modification basis	
Application basis	
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8610-26 RADIO ANTENNA**1) Overview**

The micro-pole antenna is installed on the roof panel.

2) Location

Modification basis	
Application basis	
Affected VIN	

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8910-07 USB/AUX MODULE

The audio system with a MP3/CD player is equipped with USB/AUX module to play the mp3 files (including ogg, wma format files) stored in the portable music player or USB device.

1) Overview

The USB/AUX module of the audio system is located in the front of the gear lever, and has only one AUX terminal which has the same functions as the terminals of the AV system. But it only has stereo function because there is no monitor to display the video signal in the audio system.

For details of playing an external device using the USB/AUX module in the audio system with a MP3/CD player, refer to the Audio System section.

Modification basis	
Application basis	
Affected VIN	

AUDIO SYSTEM

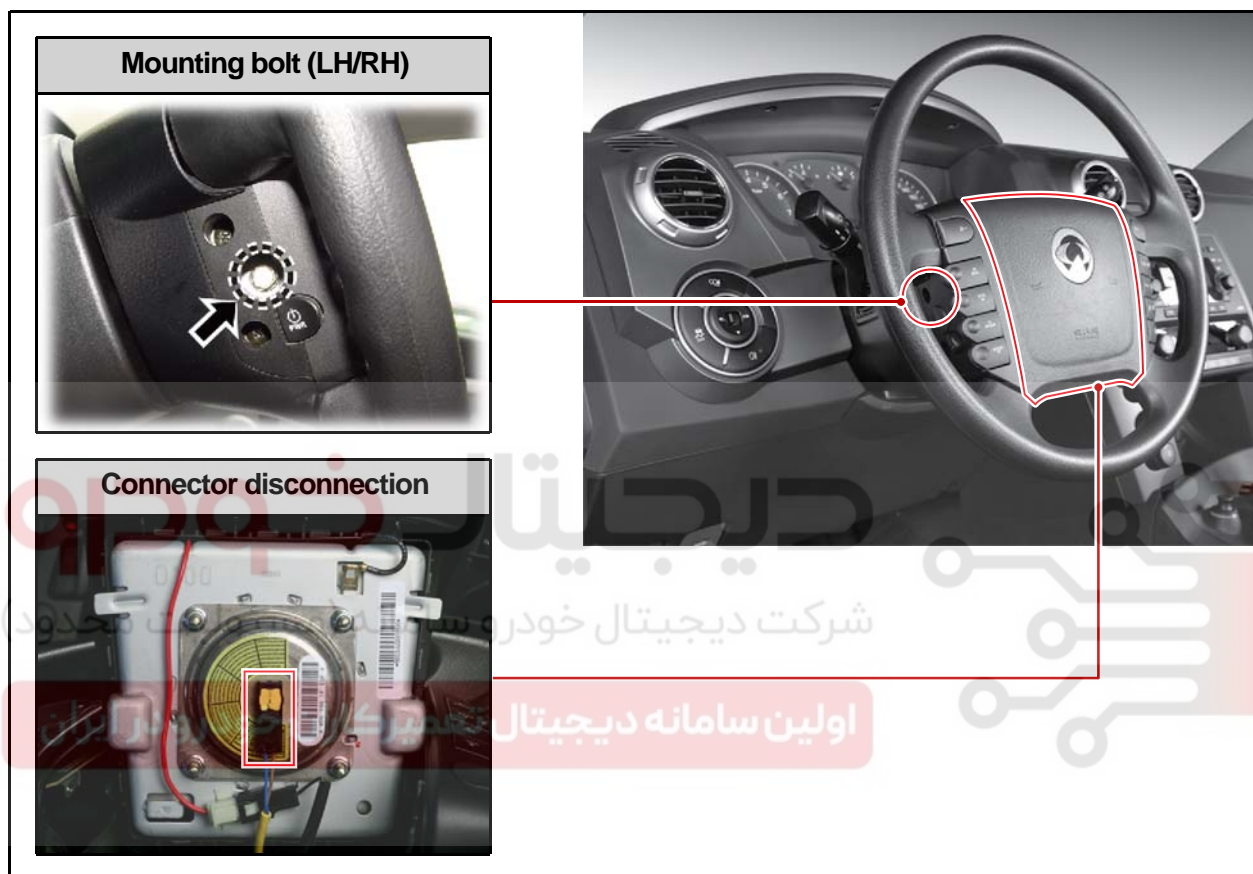
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REMOVAL AND INSTALLATION

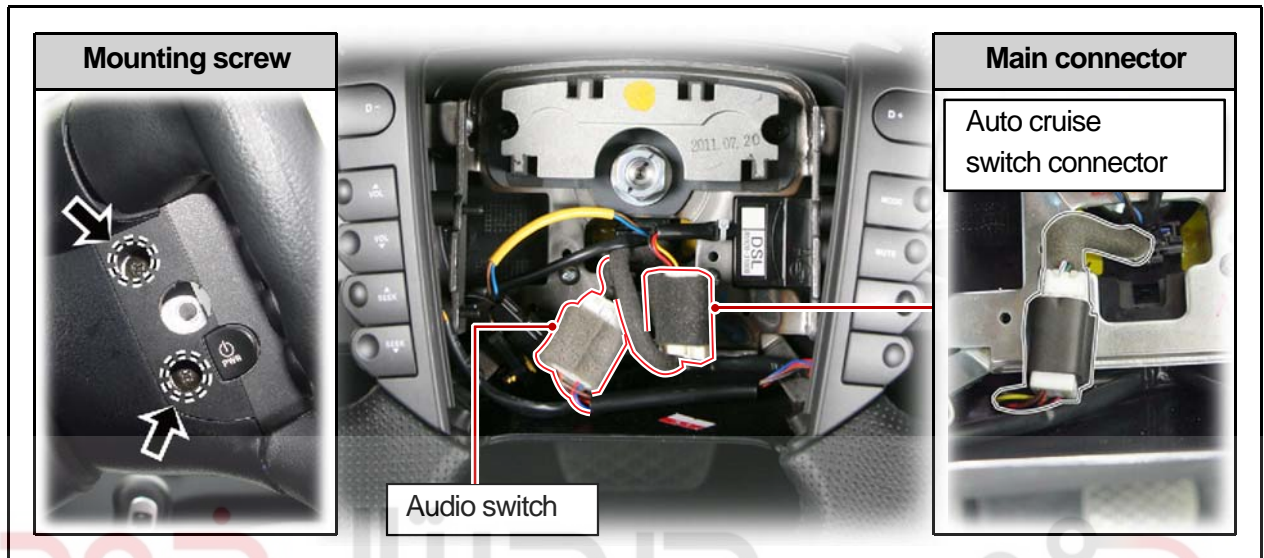
4610-01 AUDIO CONTROL SWITCH

Preceding work Disconnect the negative battery cable.

1. Unscrew the mounting bolts on sides of the steering wheel and remove the airbag module assembly.



2. Remove two audio switch mounting screw from each sides from the steering wheel and disconnect the main connector. Then, remove the audio switch assembly from the steering wheel.



3. Install in the reverse order of removal.

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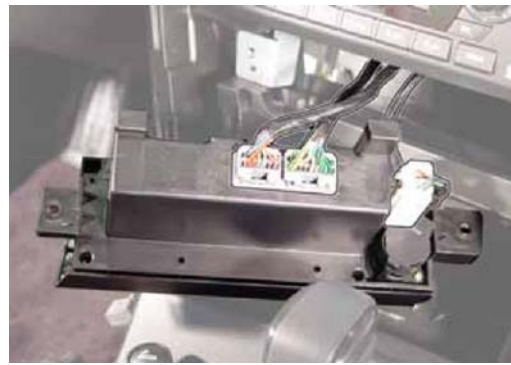
Modification basis	
Application basis	
Affected VIN	

S.G.N.

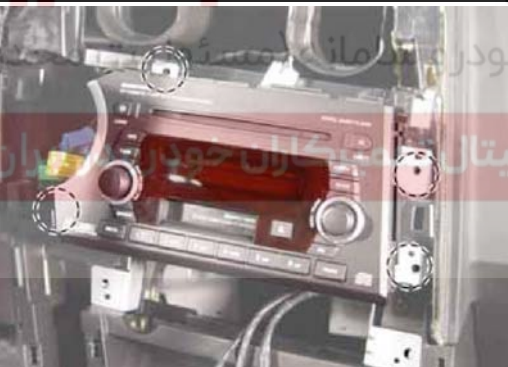
8930-01 AUDIO ASSEMBLY**Preceding work**

1. Disconnect the negative battery cable.
2. Remove the center fascia panel.

1. Remove two mounting screws and disconnect the connector to remove the A/C assembly.

Removal of Mounting Screw**Disconnection of Connector**

2. Remove four mounting screws and disconnect the connector on the back of the audio assembly.

Removal of Mounting Screw**Disconnection of Connector**

3. Remove the audio assembly.



Modification basis	
Application basis	
Affected VIN	

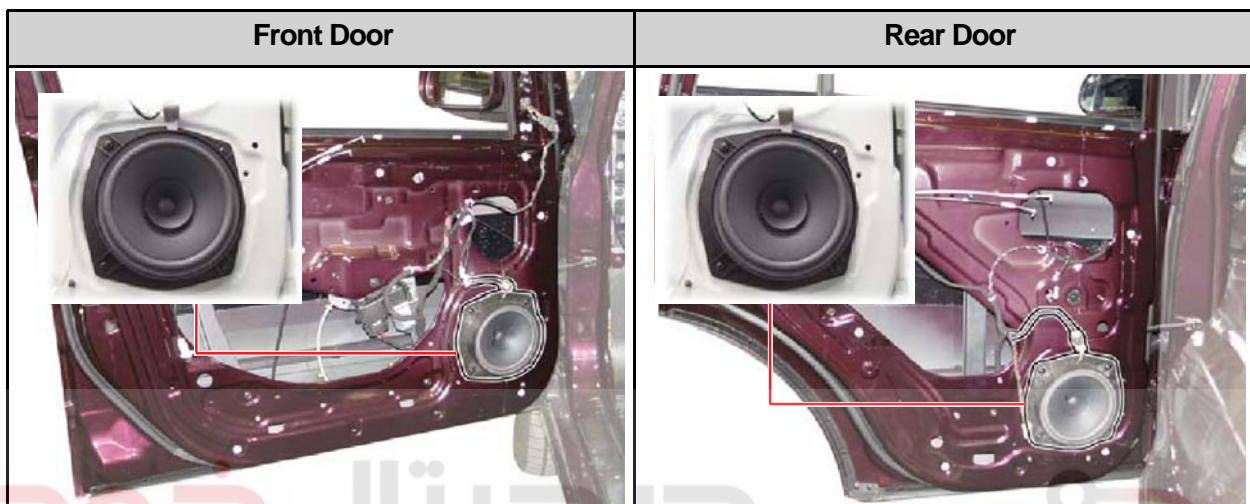
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8610-22 FRONT DOOR SPEAKER AND REAR DOOR SPEAKER

Preceding work

1. Disconnect the negative battery cable and remove the door trim (refer to "Body" section).

1. Disconnect the speaker connector.



2. Unscrew four mounting screws and disconnect the connector to remove the door speaker.



Front Door	40W/2 Ω
Rear Door	40W/2 Ω



Modification basis	
Application basis	
Affected VIN	

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8620-22

DOOR TWEETER SPEAKER

Preceding work

1. Disconnect the negative battery cable and remove the door trim (refer to "Body" section).

1. Unscrew two speaker mounting screws from the removed the door trim to remove the speaker.



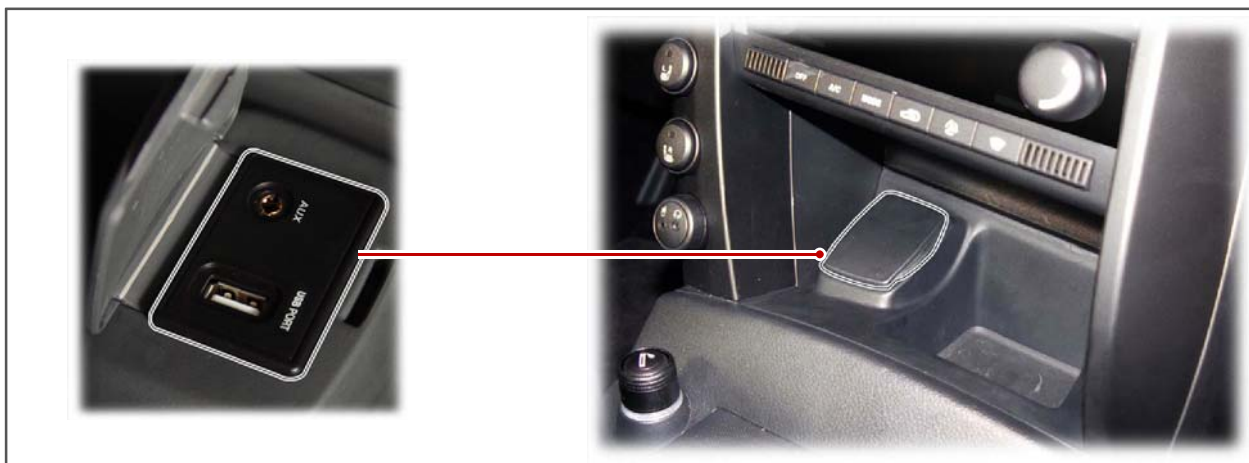
Modification basis	
Application basis	
Affected VIN	

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8910-07 USB/AUX MODULE

Preceding work

Disconnect the negative battery cable.



1. Remove the lower panel assembly located under the center switch panel by pulling it out by hand to remove the USB/AUX module connector.



2. Remove the four mounting screws securing the USB/AUX module from the detached lower panel assembly and remove the USB/AUX module.



Modification basis	
Application basis	
Affected VIN	

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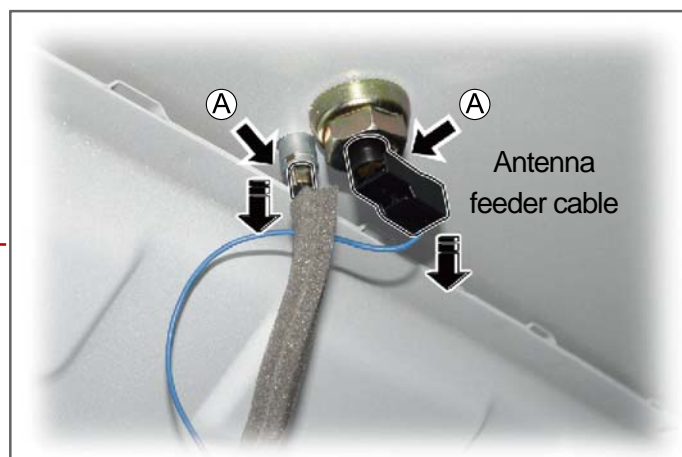
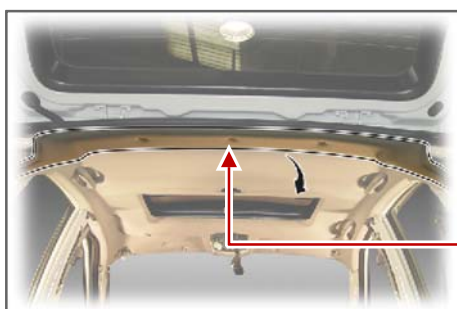
S.G.N.

8610-26 MICRO-POLE ANTENNA**Preceding work** 1. Disconnect the negative battery cable.

1. Remove the D pillar (A) from the rear of the vehicle and the right storage box (B) of quarter panel trim to remove the C pillar (C).
2. Remove three fasteners (D) from the back of the headlining (tailgate) to lower the headlining (at rear side).



3. Disconnect the radio antenna cable and module connector.

**CAUTION**

- Pull the arrow position (A) down to disconnect the cable and connector. Otherwise, the cable or wiring could be damaged.

Modification basis	
Application basis	
Affected VIN	



4. Unscrew the nut (19 mm).



5. Check the antenna and rubber packing for their installation status and damage. Also, remove any foreign material on the surface of roof panel.

ELECTRI
CFUSE
AND

STICS

IMMOBILI
ZERCLUSTE
R

LAMP

SWITCH

WIPER &
WASHERRAIN
SENSOR

PAS

AUDIO
SYSTEM

Modification basis	
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AUDIO SYSTEM

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Memo

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

