Body (Interior and Exterior)

General Information

Specifications

Items		Specification	
Hood	Туре	Rear hinged, front opening type	
Front Door	Construction	Front hinged, full door construction	
	Regulator system	Double-arm type	
	Locking system	Pin-fork system	
Rear Door	Construction	Front hinged, full door construction	
	Regulator system	Wire-drum type	
	Locking system	Pin-fork system	
Tail Gate	Туре	Front hinged, gas lifter type	
Seat Belts	Front	3 point type with Emergency Locking Retractor (E.L.R)	
	Rear	3 point type with Emergency Locking Retractor (E.L.R) 2 point type	

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General Information

Tightening Torque

	Items	N.m	Kgf.m	lb-ft
Front and rear doors	Door hinge to body	34.3 ~ 41.2	3.5 ~ 4.2	25.3 ~ 30.4
	Door hinge to door	21.6~26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Door checker to door	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Door checker to body	16.7 ~ 21.6	1.7 ~ 2.2	12.3 ~ 15.9
	Door glass mounting bolt	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Outside handle base mounting bolt	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Door channel mounting nuts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Latch mounting bolts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Door module mounting bolts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Door striker mounting bolts	16.7 ~ 21.6	1.7 ~ 2.2	12.3 ~ 15.9
Tail gate	Tail gate hinge to tail gate	21.6~26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Tail gate hinge to body	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Tail gate latch mounting bolts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Tail gate striker mounting bolts	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
Hood	Hood hinge to body	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 1 <mark>9.</mark> 5
	Hood hinge to hood	21.6 ~ 26.5	2.2 ~ 2.7	15. <mark>9 ~ 19.5</mark>
	Hood latch to body mounting bolts	7.8 ~ 11.8	0.8 ~ 1.2	5.8 ~ 8.7
	Hood latch to body mounting nuts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
ودرودر ایران Seat	Front seat mounting bolts	49.0 ~ 63.7	5.0 ~ 6.5	36.2~ <mark>47.0</mark>
	Front seat frame mounting bolts	49.0 ~ 63.7	$5.0 \sim 6.5$	36.2~ 47.0
	Rear seat mounting bolts	49.0 ~ 63.7	$5.0 \sim 6.5$	36.2~ 47.0
Seat belt	Height adjuster mounting bolts	39.2 ~ 53.9	$4.0 \sim 5.5$	28.9 ~ 39.8
	Front seat belt upper anchor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Front seat belt lower anchor mounting bolt	39.2 ~ 53.9	$4.0 \sim 5.5$	28.9 ~ 39.8
	Front seat belt retractor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Rear seat belt lower anchor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Rear seat belt retractor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	$28.9 \simeq 39.8$
	Seat belt buckle mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
Roof rack	Roof rack mounting nuts	3.9~4.4	0.4 ~ 0.45	2.9 ~ 3.3
Outside rearview mirror	Outside rearview mirror mounting nuts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
Wiper arm	Wiper arm mounting nuts	22.6 ~ 26.5	2.3 ~ 2.7	16.6 ~ 19.5
Panoramaroof	Panoramaroof mounting nuts	19.6 ~ 29.4	2.0 ~ 3.0	14.5 ~ 21.7
	Panoramaroof mounting bolts	19.6 ~ 29.4	2.0 ~ 3.0	14.5 ~ 21.7
	Panoramaroof earthing mounting bolt	10.8 ~ 13.7	1.1 ~ 1.4	8.0 ~ 10.1

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Body (Interior and Exterior)

Special Tools

Tool (Number and name)	Illustration	Use
09793-21000 Door hinge adjusting wrench		Adjustment, removal and installation of the door hinge
	SSPBD00001	
09800-21000 Ornament remover		Trim removal
	SSPBD00002	
09853-31000 Headliner clip remover	K C	Headliner clip removal
مانه (مسئولیت محدود)	شرکت دیجیتال خودرو سا SSPBD0003	
09861-31100 Sealant cut-out tool کودر Sealant cut-out tool	اولى يامانە دىجيتال تعد	Cutting windshield sealant (Use with 09861-31200)
	SSPBD00004	
09861-31200 Sealant cutting blade	SSPBD0004	Cutting windshield sealant (Use with 09861-31100)
	SSPBD00005	

General Information

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Tool (Number and name)	Illustration	Use
09861-31000 Windshield molding remover		Windshield molding removal
	SSPBD00008	
09880-4F000 Hog ring clip installer		Hog ring clip Installation
09816-2P100	SSPBD00009	Tool box for removing panoramaroof
Power silent cutting tool	SSPBD00011	
09816-2P110	شرطط ديجيتال حودرو سا	Air tool for installing blode
Air power tool		Air tool for installing blade
	SSPBD00019	
09816-2P121 Cutter-1		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progre- ss upward.)
	SSPBD00012	
09816-2P122 Cutter-2		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progre- ss upward.)
	SSPBD00013	

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Body (Interior and Exterior)

Tool (Number and name)	Illustration	Use
09816-2P123 Cutter-3		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progre- ss downward.)
	SSPBD00017	
09816-2P124 Cutter-4		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progre- ss downward.)
	SSPBD00018	
09816-2P127 Cutter-7		Blade for removing the front glass
	SSPBD00024	
09816-2P130	سرحت ديجيتان خودرو س	Blade for removing the edge area of p-
بیرکاران خودرو در ایران	ا وا و اعال ه دیجیتال تعد	anoramaroof
	SSPBD00016	

General Information

BD-7

Troubleshooting

Symptom	Suspect Area	Remedy	
Water leaks from panoramaroof	Deteriorated roof lid weatherstrip	Replace	
	Excessive roof lid-to-body clearance and Improperly fitted weatherstrip	Adjust	
Wind noise around sunroof	Loose or deformed deflector, gapsIn bo- dy work	Retighten adjust or replace	
Noise heard when opening/ closin- g panoramaroof	Foreign particles lodged in guide rail	Check drive cable and guide rails for for- eign particles	
	Loose guide rails and lid	Retighten	
Motor runs but sunroof does not	Foreign particles lodged in guide rail	Adjust or replace	
move or moves only partially	Incorrect engagement of motor pinion wi- th drive cable		
	Decrease in motor`s clutch slipping force		
	Increased sunroof sliding resistance or i- nterference of sunroof with drive cables, weatherstrip, etc. due to maladjustment of sunroof		
Noise in motor (clutch slipping noi- se from motor when sunroof is full-	Incorrect engagement of motor pinion wi- th drive cable	Check pinion installation and retighten motor	
y opened or closed is not an unus- ual noise	Worn out or damaged motor pinion bear- ing	Replace motor assembly	
	Worn out or deformed drive cable	Replace	
Doo <mark>r glass fails to operate Up and</mark>	Incorrect window glass installation	Adjust position	
Down	Damaged or faulty regulator arm or regulator	Correct or replace	
Door does not open or close com-	Incorrect door installation	Adjust position	
pletely	Defective door check assembly	Correct or replace	
	Door hinge requires grease	Apply grease	
Hood does not open or close com- pletely	Striker and latch not properly aligned	Adjust	
	Incorrectly installed hood	Adjust	
	Incorrect hood bumper height	Adjust	
Water leak through windshield and	Defective seal	Fill with sealant	
rear window	Defective flange	Correct	

BD-8

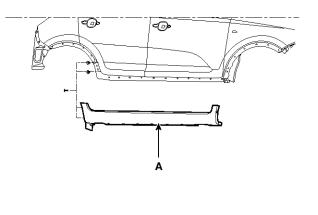
Body (Interior and Exterior)

Exterior

Fender

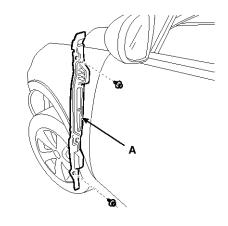
Replacement

- When removing and installing the fender, an assistant is necessary.
- Be careful not to damage the fender and body.
- When removing the clips, use a clip remover.
- Remove the front bumper cover.
 (Refer to the BD group "Front bumper")
- 2. Loosen the mud guard (A) mounting screws and clips.
 - دیجیتال تعمیرکاران خودرو در ایران
 - SSLBD1019D
- 3. After loosening the mounting screws and clips, then remove the side sill molding (A).



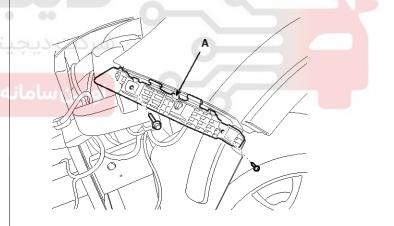
SSLBD1020D

 Detach the clips and then remove the insulator pad (A).



SSLBD1021D

5. After loosening the mounting screw and bolt, then remove the front bumper side mounting bracket (A).



SSLBD1022D

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Exterior

6. After loosening the mounting bolts, then remove the fender (A).

BD-10

Body (Interior and Exterior)

Hood

Replacement

Hood Assembly Replacement

- When removing and installing the hood, an assistant is necessary.
- Take care not to damaged the hood and body. •
- 1. After loosening the hood hinge (A) mounting bolts, and then remove the hood (B).
- 2. Remove the washer nozzle hose (C).

Tighening torque :

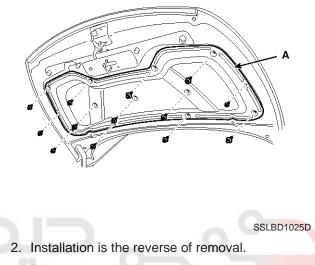


в **WNOTICE**

Hood Insulator Pad Replacement

1. Using a clip remover detach the clips, and remove the hood insulator pad (A).

Take care not to scratch the hood panel.



· Replace any damaged clips.

SSLBD1024D

3. Installation is the reverse of removal.

- Make sure the hood opens properly and locks securely.
- Adjust the hood alignment.

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BD-11

Exterior

Hood Seal Weatherstrip Replacement

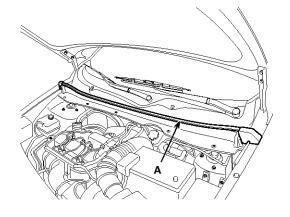
1. Detach the clips, then remove the hood seal weatherstrip (A).

• Be careful not to scratch the hood seal weatherstrip.



1. Remove the hood weatherstrip (A).

• Take care not to scratch the hood weatherstrip.



SSLBD1027D

2. Installation is the reverse of removal.

Α

2. Installation is the reverse of removal.

UNOTICE

Replace any damaged clips.

ت دیجیتال خودرو سامانه (مسئولیت محدود)

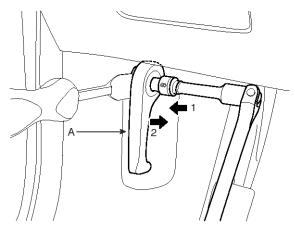
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Hood Release Handle Replacement

1. Remove the hood release handle (A).



SBHBD8311D

2. Installation is the reverse of removal.

- Make sure the hood latch cable is connected properly.
- Make sure the hood locks securely.

ل خودرو سامانه (مسئولیت محدو

ه دیجیتال تعمیرکاران خودرو در ایران

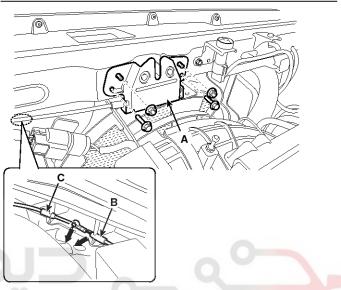
Body (Interior and Exterior)

Hood Latch Replacement

- 1. Remove the hood latch (A) mounting bolts and nuts.
- 2. Disconnect the hood latch cable (B) and hood release cable (C).

Tighening torque :

Bolts : 7.8 \sim 11.8 N.m (0.8 \sim 1.2 kgf.m, 5.8 \sim 8.7 lb-ft) nuts : 6.9 \sim 10.8 N.m (0.7 \sim 1.1 kgf.m, 5.1 \sim 8.0 lb-ft)



SSLBD1028D

3. Installation is the reverse of removal.

UNOTICE

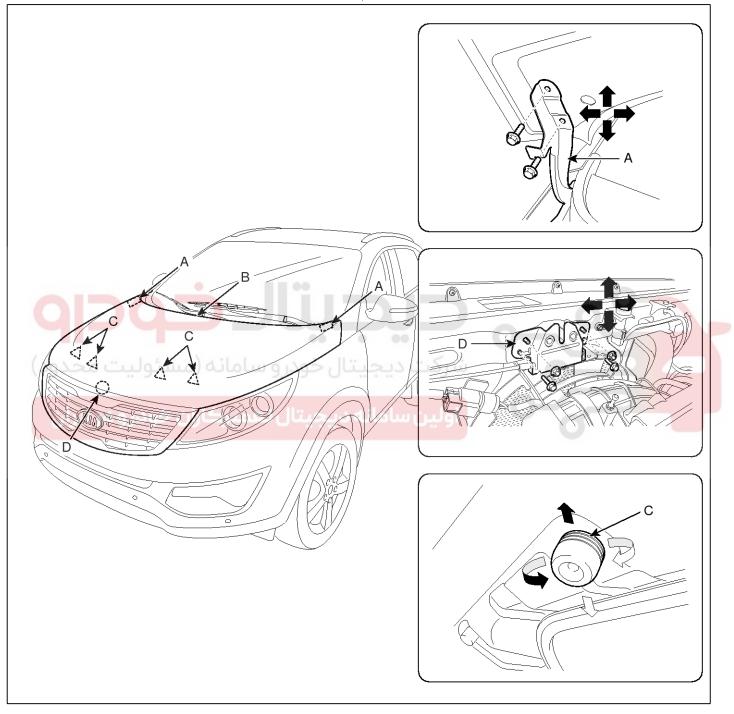
- Make sure the hood latch cable is connected properly.
- Make sure the hood locks securely.

Exterior

BD-13

Adjustment Hood Adjustment

- After loosening the hinge (A) mounting bolt, adjust the hood (B) by moving it up or down, or right or left.
- 2. Adjust the hood height by turning the hood over slam bumpers (C).
- 3. After loosening the hood latch (D) mounting bolts and nuts, adjust the latch by moving it up or down, or right or left.



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BD-14

Body (Interior and Exterior)

Tail Gate

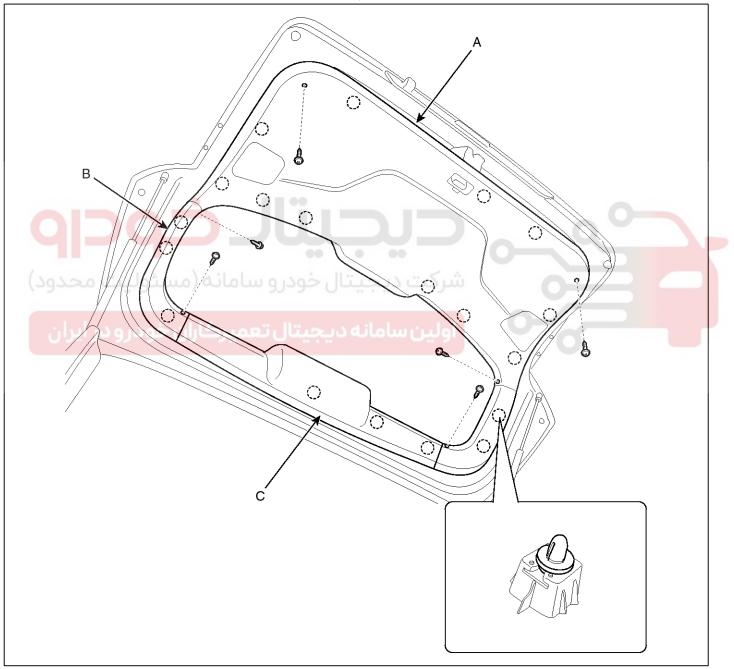
Replacement

Tail Gate Trim Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

- 1. Remove the upper trim (C).
- 2. After loosening the mounting screws, then remove the side trim (B) and tail gate trim (A).

- Replace any damaged clips.
- 3. Installation is the reverse of removal.



SSLBD1030D

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BD-15

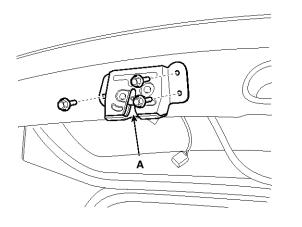
Exterior

Tail Gate Latch Replacement

- 1. Remove the tail gate trim.
- 2. After loosening the mounting bolts, then remove the latch assembly (A).

Tightening torque :

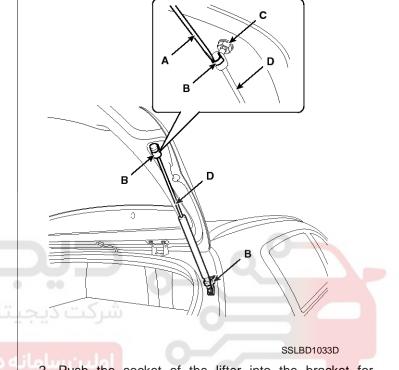
 $6.9 \simeq 10.8 \text{ N.m}$ (0.7 $\simeq 1.1 \text{ kgf.m}, 5.1 \simeq 8.0 \text{ lb-ft})$



3. Disconnect the tail gate latch connector (A).

Tail Gate Lift Replacement

- Take care not to be closed the tail gate, when removing the lift.
- 1. Using a screwdriver (A), lift up slightly the socket clips (B) of both ends on the lifer (D), and then remove the lifter from the bracket (C).



2. Push the socket of the lifter into the bracket for installation.

• Make sure the tail gate lock and opens properly and locks securely.

SSLBD1032D

SSLBD1031D

4. Installation is the reverse of removal

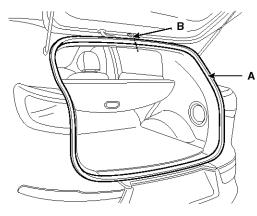
MOTICE

- Make sure the connector is connected properly and the connecting rod is connected properly.
- Make sure the tail gate opens properly and locks securely.

Body (Interior and Exterior)

Tail Gate weatherstrip Replacement

- Do not apply sealant to the body.
- 1. Remove the tail gate weatherstrip (A).



SSLBD1034D



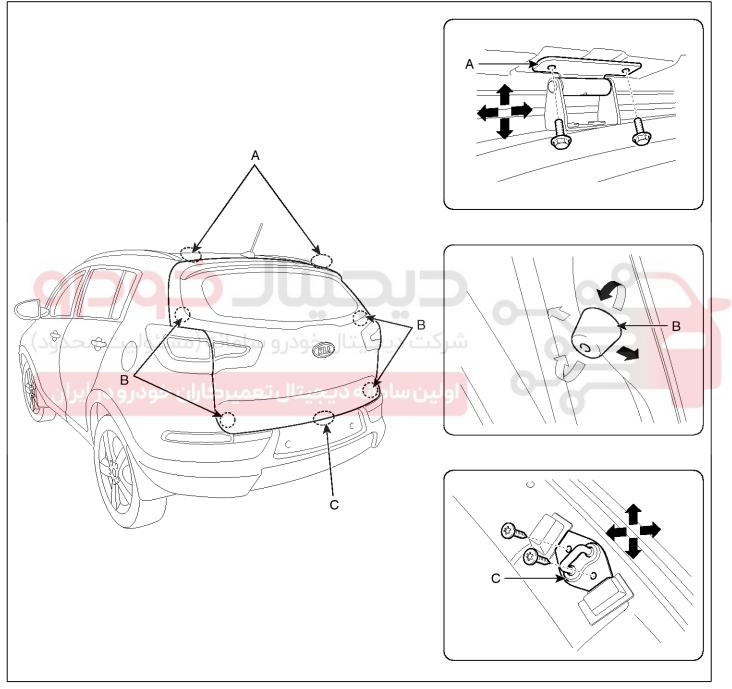
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Exterior

BD-17

Adjustment

- 1. After loosening the tail gate hinge (A) mounting bolt, adjust the tail gate by moving it up or down, or right or left.
- 2. Adjust the tail gate height by turning the tail gate overslam bumpers (B).
- 3. After loosening the tail gate striker (C) mounting bolts, adjust the tail gate striker by moving it up or down, or right or left.



SSLBD1035D

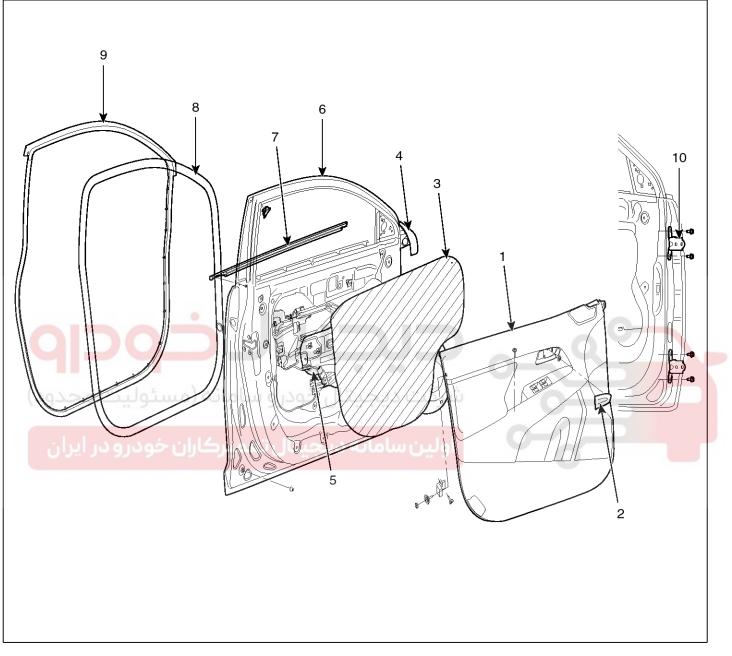
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Body (Interior and Exterior)

Front Door

Components



- 1. Front door trim
- 2. Front door inside handle cap
- 3. Front door trim seal
- 4. Front door quadrant inner cover
- 5. Front door module

- 6. Front door panel
- 7. Front door belt outside molding
- 8. Front door body side weatherstrip
- 9. Front door side weatherstrip
- 10. Front door hinge

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SSLBD1002D

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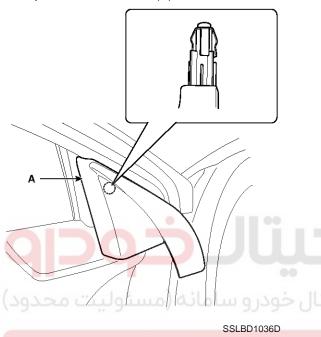
BD-19

Exterior

Replacement

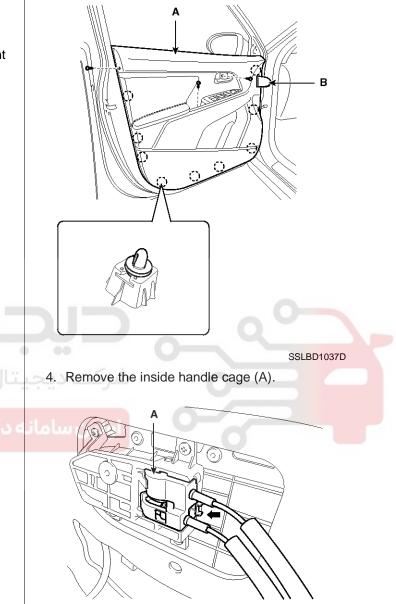
Front Door Trim Replacement

- Take care not to scratch the door trim and other parts.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the front door quadrant inner cover (A).



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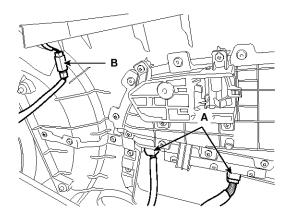
- 2. Using a screwdriver or remover, remove the front door inside handle cap (B).
- 3. After loosening the mounting screws, then remove the front door trim (A).



SSLBD1038D

BD-20

5. Disconnect the power window connectors (A) and tweeter speaker connector (B).



SSLBD1039D

6. Installation is the reverse of removal.

MOTICE

 Make sure of connectors is plugged in properly and each rod is connected securely.

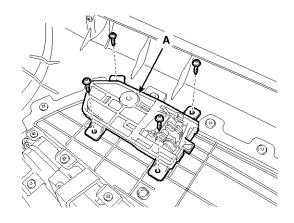
بتال خودر و سامانه (مسئولیت محدود)

- Make sure the door lock and opens properly.
- Replace any damaged clips.

Body (Interior and Exterior)

Inside Handle Replacement

- 1. Remove the front door trim.
- 2. After loosening the front door inside handle mounting screws, then remove the front door inside handle (A).



SSLBD1040D

3. Installation is the reverse of removal.

WNOTICE

- Replace any damaged clips.
- Make sure the door lock and opens properly.

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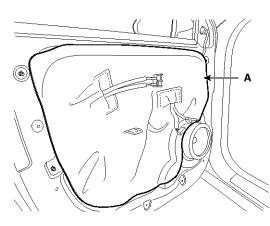
Exterior

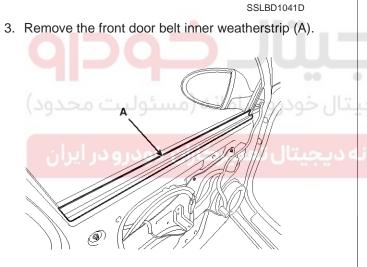
BD-21

Glass Replacement

- 1. Remove the front door trim.
- 2. Remove the front door trim seal (A).

• Replace any damaged door trim seal.





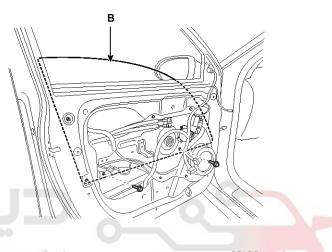
SSLBD1042D

4. Remove the glass mounting hole plug.

- Take care not to drop to glass and scratch the glass surface.
- 5. Carefully move the glass (B) until you can see the bolts, then loosen them. Separate the glass from the glass run and carefully pull the glass out through the window slot.

Tightening torque :

 $6.9 \sim 10.8$ N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)



SSLBD1043D

6. Installation is the reverse of removal.

WNOTICE

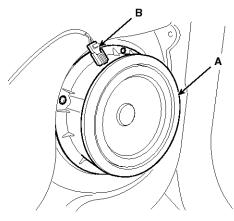
- Roll the glass up down to see if it move freely without binding.
- Adjust the position of the glass as necessary.

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Body (Interior and Exterior)

Speaker Replacement

- 1. Remove the front door trim.
- 2. Disconnect the speaker connector (B).
- 3. Drill out the rivets to remove the speaker (A) from the door module.



SSLBD1044D

4. Installation is the reverse of removal.

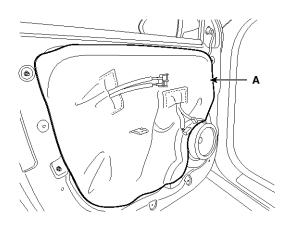
WNOTICE

- Use sheet metal screws to secure the speaker.
- Make sure the connector are connected properly
- and each rod is connected securely.
- Make sure the door lock and opens properly.
- Replace any damaged clips.

Power Window Motor Replacement

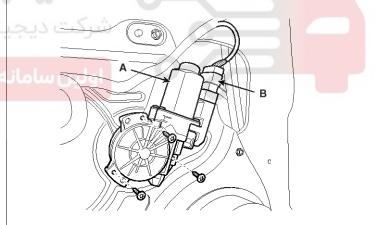
- 1. Remove the front door trim.
- 2. Remove the front door trim seal (A).

Replace any damaged door trim seal.



SSLBD1045D

- 3. Disconnect the connector (B).
- 4. After loosening the mounting screws, then remove the power window motor (A).



SSLBD1046D

5. Installation is the reverse of removal.

WNOTICE

- The area of rotational parts and springs should be applied with sufficient grease.
- Roll the glass up down to see if it move freely without binding.
- Replace any damaged clips.
- Make sure the door lock and opens properly.

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BD-23

Exterior

Door Module Assembly Replacement

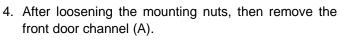
- 1. Remove the following parts.
 - Front door trim.
 - Front door trim seal.
 - Window glass.
 - Outside handle.
- 2. Loosen the mounting bolt (A).

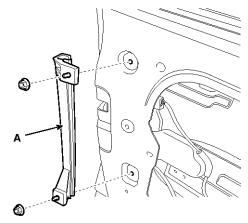
Tightening torque :

3.

 $6.9 \simeq 10.8$ N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)

Disconnect the outside handle connector (A)

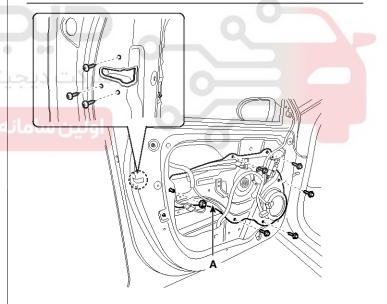




SSLBD1050D

5. After loosening the mounting bolts and nut, then remove the front door module (A).

Tightening torque : $6.9 \simeq 10.8 \text{ N.m} (0.7 \simeq 1.1 \text{ kgf.m}, 5.1 \simeq 8.0 \text{ lb-ft})$



SSLBD1049D

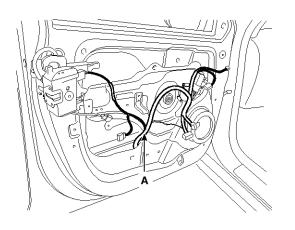
SSLBD1048D

SSLBD1047D

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BD-24

6. Disconnect the connectors and front door module wiring harness (A).



SSLBD1051D

7. Installation is the reverse of removal.

WNOTICE

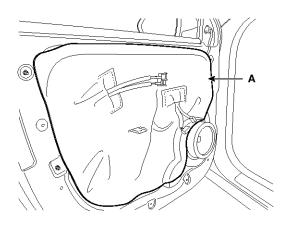
- The area of whole parts should be applied with sufficient grease.
- Make sure the connector is plugged in properly and each rod is connected securely.
- Make sure the door lock and open properly.
- Replace any damaged clips.

Body (Interior and Exterior)

Outside Handle Replacement

- 1. Remove the front door trim.
- 2. Remove the front door trim seal (A).

• Replace any damaged door trim seal.



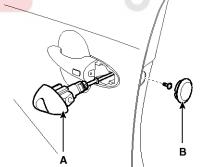
SSLBD1052D

- 3. Remove the hole plug (B).
- 4. After loosening the mounting bolt, then remove the outside handle cover (A).

Tightening torque :

6.9 ~ 10.8 N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)

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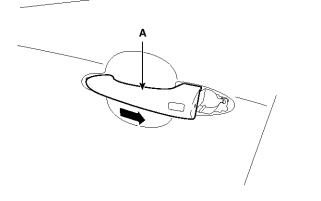
SSLBD1053D

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BD-25

Exterior

5. Remove the outside handle (A) by sliding it rearward.



SSLBD1054D

6. Disconnect the outside handle connector (A).



SSLBD1055D

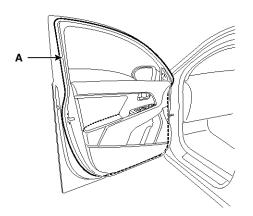
7. Installation is the reverse the removal.

WNOTICE

• Make sure the door lock and open properly.

Door Weatherstrip Replacement

1. Detach the clips, then remove the front door side weatherstrip(A).

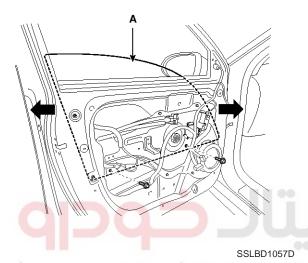


SSLBD1056D

- 2. Installation is the reverse of removal.
 - Replace any damaged clips.

Adjustment Glass Adjustment

- Check the glass run channel for damage or deterioration, and replace them necessary.
- 1. Remove the front door trim.
- 2. Remove the front door trim seal.
- 3. Carefully move the glass (A) until you can see the glass mounting bolts, then loosen them.



4. Check that the glass moves smoothly.

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Body (Interior and Exterior)

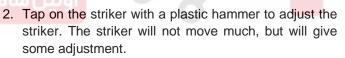
Door Striker Adjustment

Make sure the door latches securely without slamming it. If necessary adjust the striker (A): The striker nuts are fixed. The striker can be adjusted up or down, and in or out.

1. Loosen the screws (B) just enough for the striker to move.

Tightening torque:

(B): 16.7 \sim 21.6 N.m (1.7 \sim 2.2 kgf.m, 12.3 \sim 15.9 lb-ft)



SYFBD0249D

3. Hold the outer handle out, and push the door against the body to be sure the striker allows a flush fit. If the door latches properly, tighten the screws and recheck.

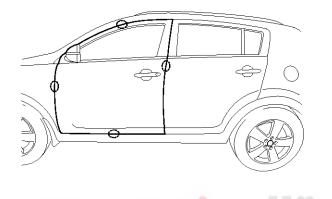
021 62 99 92 92

BD-27

Exterior

Door Position Adjustment

- After installing the door, check for a flush fit with the Body, then check for equal gaps between the front, rear, and bottom, door edges and the body. Check that the door and body edges are parallel. Before adjusting, replace the mounting bolts.
- 1. Check that the door and body edges are parallel.



2. Place the vehicle on a firm, level surface when adjusting the doors.

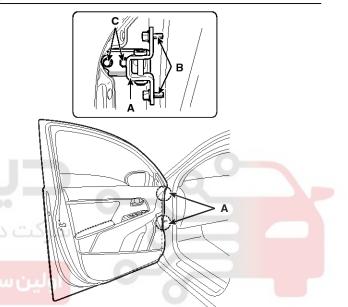
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SSLBD1058D

- 3. Adjust at the hinges (A):
 - Loosen the door mounting bolts slightly, and move the door in or out until it aligns flush with the body.
 - Loosen the hinge mounting bolts slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.
 - Place a shop towel on the jack to prevent damage to the door when adjusting the door.

Tightening torque :

(B) : $21.6 \sim 26.5$ N.m ($2.2 \sim 2.7$ kgf.m, $15.9 \sim 19.5$ lb-ft) (C) : $34.3 \sim 41.2$ N.m ($3.5 \sim 4.2$ kgf.m, $25.3 \sim 30.4$ lb-ft)



SSLBD1059D

- 4. Grease the pivot portions of the hinges indicated.
- 5. Check for water leaks.

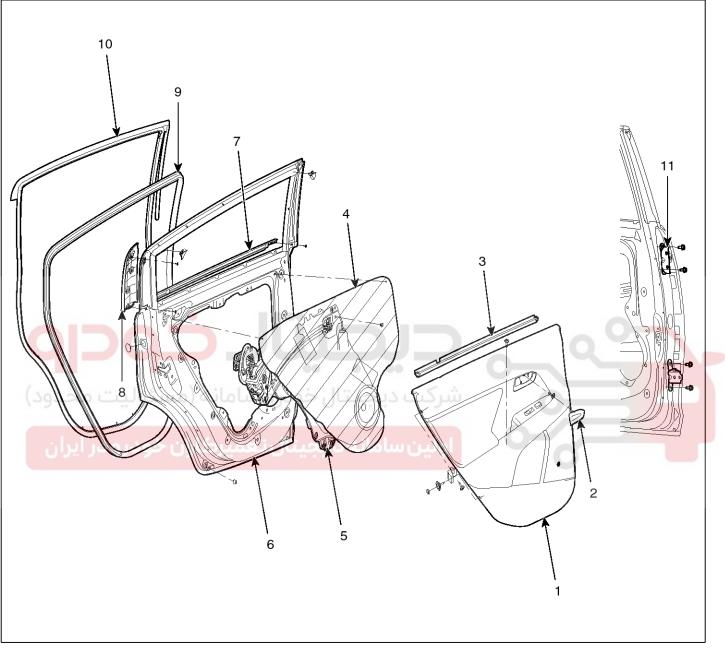
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BD-28

Body (Interior and Exterior)

Rear Door

Components



- 1. Rear door trim
- 2. Rear door inside handle cap
- 3. Rear door belt inside weatherstrip
- 4. Rear door trim seal
- 5. Rear door module
- 6. Rear door panel

- 7. Rear door belt weatherstrip
- 8. Rear door frame garnish
- 9. Rear door body side weatherstrip
- 10. Rear door side weatherstrip
- 11. Rear door hinge

SSLBD1003D

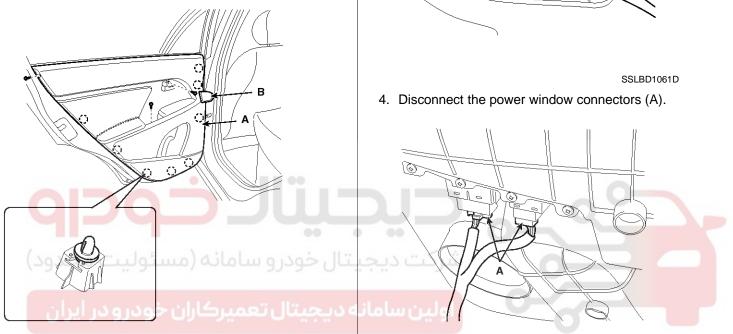
BD-29

021 62 99 92 92

Exterior

Replacement Door Trim Replacement

- Take care not to scratch the door trim and other parts.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the rear door inside handle cap (B).
- 2. After loosening the mounting screws, then remove the rear door trim (A).



SSLBD1060D

SSLBD1062D

5. Installation is the reverse of removal.

3. Remove the inside handle cage (A).

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MOTICE

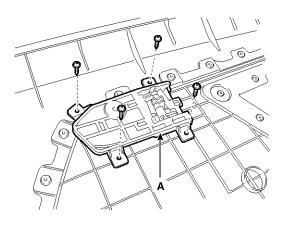
- Make sure connectors are connected properly and each rod is connected securely.
- Make sure the door lock and opens properly.
- Replace any damaged clips.

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Inside Handle Replacement

- 1. Remove the rear door trim.
- 2. After loosening the rear door inside handle mounting screws, then remove the rear door inside handle (A).



SSLBD1063D

3. Installation is the reverse of removal.

MOTICE

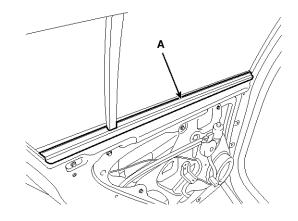
- Replace any damaged clips.
- Make sure the door lock and opens properly.

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Body (Interior and Exterior)

Glass Replacement

- Put on gloves to protect your hands.
- 1. Remove the rear door trim.
- 2. Remove the rear door belt inside weatherstrip (A).



SSLBD1064D

3. After loosening the mounting screws, then remove the rear door frame garnish (A).

SSLBD1065D

BD-31

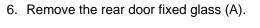
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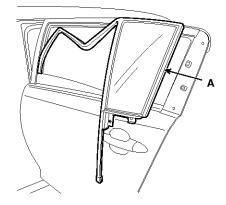
Exterior

- 4. After loosening the mounting screws, then remove the rear door belt weatherstrip (A).

SSLBD1008N

5. Loosen the rear channel (A) mounting screw and bolts.





SSLBD1068D



SSLBD1067D

021 62 99 92 92

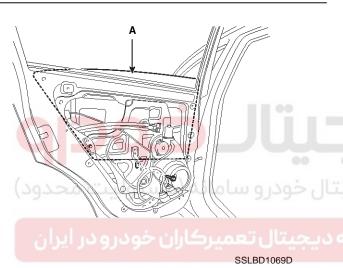
BD-32

7. Remove the glass mounting hole plug.

- Use the door switch to align the mounting hole/bolt with the hole in the door.
- If unable to operate the window motor, remove the motor and align the hole by hand.
- Be careful not to drop the glass and/or scratch the glass surface.
- 8. Carefully adjust the glass (A) until you can see the bolts, then loosen them. Separate the glass from the glass run and carefully pull the glass out through the window slot.

Tightening torque :

 $6.9 \sim 10.8 \text{ N.m} (0.7 \sim 1.1 \text{ kgf.m}, 5.1 \sim 8.0 \text{ lb-ft})$



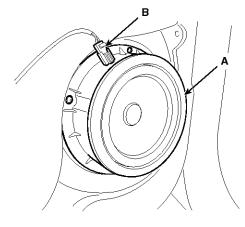
9. Installation is the reverse the removal.

- Roll the glass up down to see if it move freely without binding
- Adjust the position of the glass as needed.
- Make sure the door lock and opens properly.
- Replace any damaged clips

Body (Interior and Exterior)

Speaker Replacement

- 1. Remove the rear door trim.
- 2. Disconnect the speaker connector (B).
- 3. Drill out the rivets to remove the speaker (A).



SSLBD1070D

4. Installation is the reverse of removal.

WNOTICE

- Use sheet metal screws to secure the speaker.
- Make sure the connector are connected properly and each rod is connected securely.
- Make sure the door lock and opens properly.
- Replace any damaged clips.

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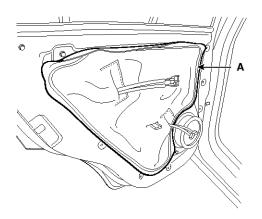
Exterior

BD-33

Power Window Motor Replacement

- 1. Remove the rear door trim.
- 2. Remove the rear door trim seal (A).

• Replace any damaged door trim seal.



SSLBD1071D

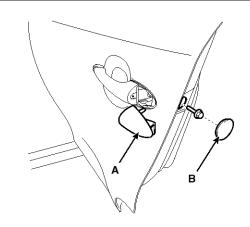
- 3. Disconnect the power window motor connector (B).
- 4. After loosening the mounting screws, then remove the power window motor (A).

Outside Handle Replacement

- 1. Remove the hole plug (B).
- 2. After loosening the mounting bolt, then remove the outside handle cover (A).

Tightening torque :

 $6.9 \simeq 10.8$ N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)



SSLBD1073D

3. Remove the outside handle (A) by sliding it rearward.



SSLBD1074D

- SSLBD1072D
- 5. Installation is the reverse of removal.

MOTICE

- The area of rotational parts and springs should be applied with sufficient grease.
- Roll the glass up down to see if it move freely without binding.

4. Installation is the reverse of removal.

• Make sure the door lock and open properly.

BD-34

Door Module Assembly Replacement

- 1. Remove the following parts.
 - Rear door trim
 - Rear door trim seal
 - Window glass
 - Outside handle
 - Rear channel
 - Rear door fixed glass
- 2. Loosen the mounting bolt (A).

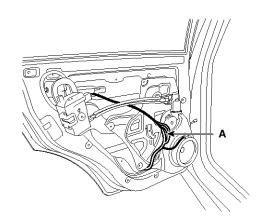
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Tightening torque :
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6.9 \simeq 10.8 N.m (0.7 \simeq 1.1 kgf.m, 5.1 \sim 8.0 lb-ft)
```



Body (Interior and Exterior)

4. Disconnect the connectors and rear door module wiring harness (A).



SSLBD1077D

5. Installation is the reverse of removal.

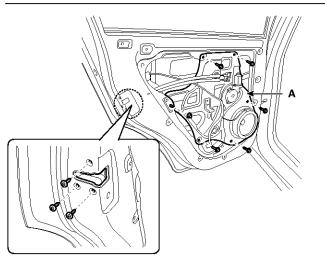
WNOTICE

- The area of whole parts should be applied with sufficient grease.
- Make sure the connector is plugged in properly and each rod is connected securely.
- Make sure the door lock and open properly.

SSLBD1075D

3. After loosening the rear door module mounting bolts and nut, then remove the rear door module (A).

Tightening torque : 6.9 ~ 10.8 N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)



SSLBD1076D

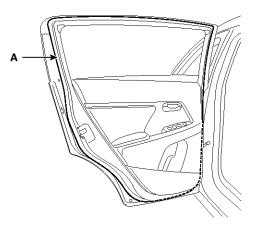
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Exterior

BD-35

Door Weaterstrip Replacement

1. Detach the clips, then remove the rear door side weatherstrip (A).



SSLBD1078D

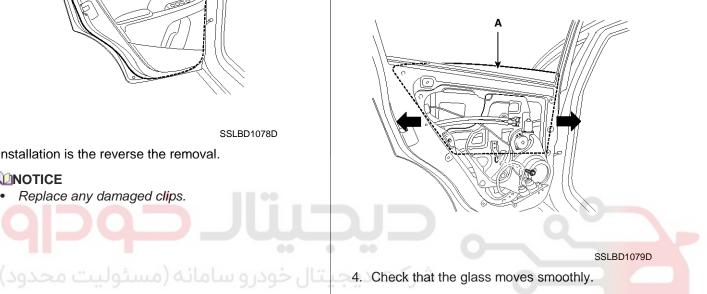
2. Installation is the reverse the removal.

Replace any damaged clips. •

Adjustment

Glass Adjustment

- · Check the glass run channel for damage or deterioration, and replace them necessary.
- 1. Remove the rear door trim.
- 2. Remove the rear door trim seal.
- 3. Carefully move the glass (A) until you can see the glass mounting bolt, then loosen them.



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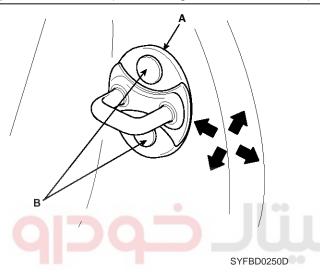
Door Striker Adjustment

Make sure the door latches securely without slamming it. If necessary adjust the striker (A): The striker nuts are fixed. The striker can be adjusted up or down, and in or out.

1. Loosen the screws (B) just enough for the striker to move.

Tightening torque:

(B):16.7 ~ 21.6 N.m (1.7 ~ 2.2 kgf.m, 12.3 ~ 15.9 lb-ft)

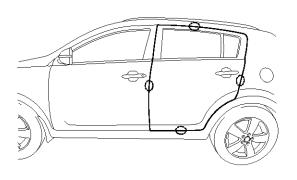


- 2. Tap on the striker with a plastic hammer to adjust the striker. The striker will not move much, but will give some adjustment.
- 3. Hold the outer handle out, and push the door against the body to be sure the striker allows a flush fit. If the door latches properly, tighten the screws and recheck.

Body (Interior and Exterior)

Door Position Adjustment

- After installing the door, check for a flush fit with the Body, then check for equal gaps between the front, rear, and bottom, door edges and the body. Check that the door and body edges are parallel. before adjusting, replace the mounting bolts.
- 1. Check that the door and body edges are parallel.



SSLBD1080D

2. Place the vehicle on a firm, level surface when adjusting the doors.

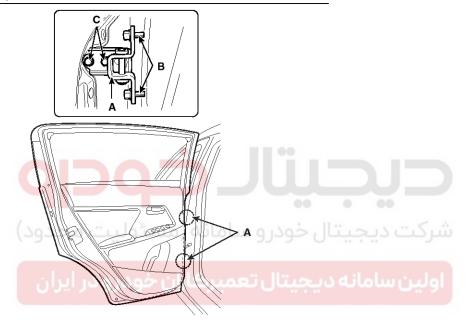
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Exterior

- 3. Adjust at the hinges (A):
 - Loosen the door mounting bolts slightly, and move the door in or out until it aligns flush with the body.
 - Loosen the hinge mounting bolts slightly, and move the door backward or forward, up or down as necessary to equalize the gaps.
 - Place a shop towel on the jack to prevent damage to the door when adjusting the door.

Tightening torque :

(B): 21.6 ~ 26.5 N.m (2.2 ~ 2.7 kgf.m, 15.9 ~ 19.5 lb-ft) (C): 34.3 ~ 41.2 N.m (3.5 ~ 4.2 kgf.m, 25.3 ~ 30.4 lb-ft)



SSLBD1081D

- 4. Grease the pivot portions of the hinges indicated.
- 5. Check for water leaks.

BD-38

Body (Interior and Exterior)

Body Side Moldings

Replacement

Roof Rack Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Using a screwdriver or remover, remove the roof rack cover (C).
- 2. Using a screwdriver or remover, remove the roof rack side rail cover (B).
- 3. After loosening the mounting nuts, then remove the roof rack (A).

screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.

- Put on gloves to protect your hands.
- Take care not to scratch the body surface.

Roof Rack Replacement [Panoramaroof]

1. Using a screwdriver or remover, remove the roof rack side rail cover (B).

When prying with a flat-tip screwdriver, wrap it

2. After loosening the mounting nuts, then remove the roof rack (A).

Tightening torque :

 $3.9 \sim 4.4$ N.m ($0.4 \sim 0.45$ kgf.m, $2.9 \sim 3.3$ lb-ft)

3. Installation is the reverse of removal.

Replace any damage clips.

Tightening torque : 3.9 ~ 4.4 N.m (0.4 ~ 0.45 kgf.m, 2.9 ~ 3.3 lb-ft)

- SSLBD1082D
- 4. Installation is the reverse of removal.

MOTICE

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Exterior

BD-39

Roof Molding Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Remove the roof rack.
- 2. Using a screwdriver or remover, remove the roof molding (A).

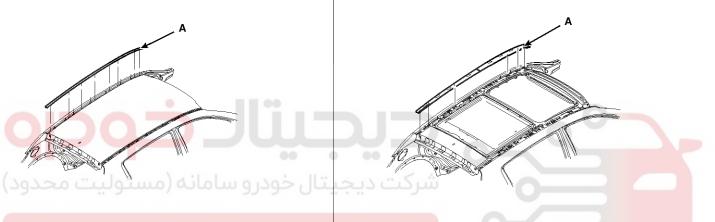
• Roof molding is need to changed to new product surely.

Roof Molding Replacement [Panoramaroof]

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Remove the roof rack.
- 2. Using a screwdriver or remover, remove the roof molding (A).

WNOTICE

• Roof molding is need to changed to new product surely.



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SSLBD1085D

3. Installation is the reverse of removal.

Replace any damage clips.

3. Installation is the reverse of removal.

BD-40

Front Wheel Guard And Mud Guard Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Remove the front tire.
- 2. After loosening the mounting clips and screws, then remove the front wheel guard (A), mud guard (B).

Body (Interior and Exterior)

Rear Wheel Guard And Mud Guard Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Remove the rear tire.
- 2. After loosening the mounting clips and nut, then remove the rear wheel guard (A) and mud guard (B).



SSLBD1086D

3. Installation is the reverse of removal.

Replace any damage clips.

3. Installation is the reverse of removal.

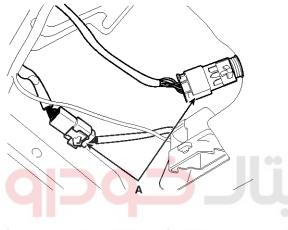
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Exterior

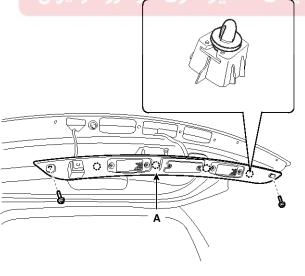
BD-41

Tail Gate Garnish Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Remove the tail gate trim.
 - (Refer to the BD group "Tail Gate")
- 2. Disconnect the connectors (A).



- After loopening the mounting screws, then remove
- 3. After loosening the mounting screws, then remove the tail gate garnish (A).



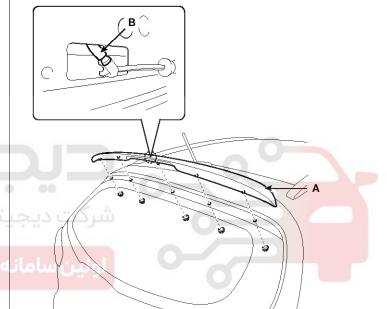
SSLBD1089D

4. Installation is the reverse of removal.

Replace any damage clips.

Rear Spoiler Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.
- 1. Remove the tail gate trim.
- (Refer to the BD group "Tail Gate")
- 2. Disconnect the washer nozzle (B).
- 3. After loosening the mounting nuts, then remove the rear spoiler (A).



SSLBD1090D

4. Installation is the reverse of removal.

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BD-42

Fender Garnish Replacement

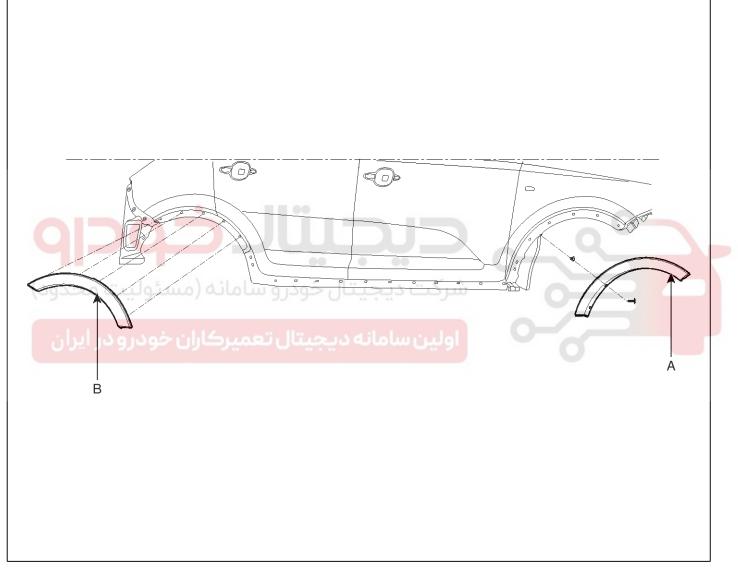
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.

Body (Interior and Exterior)

- 1. Loosen the front fender garnish mounting screw.
- 2. Using a screwdriver or remover, remove the front fender garnish (A).
- 3. Using a screwdriver or remover, remove the rear fender garnish (B).
- 4. Installation is the reverse of removal.

MOTICE

• Replace any damage clips.



SSLBD1091D

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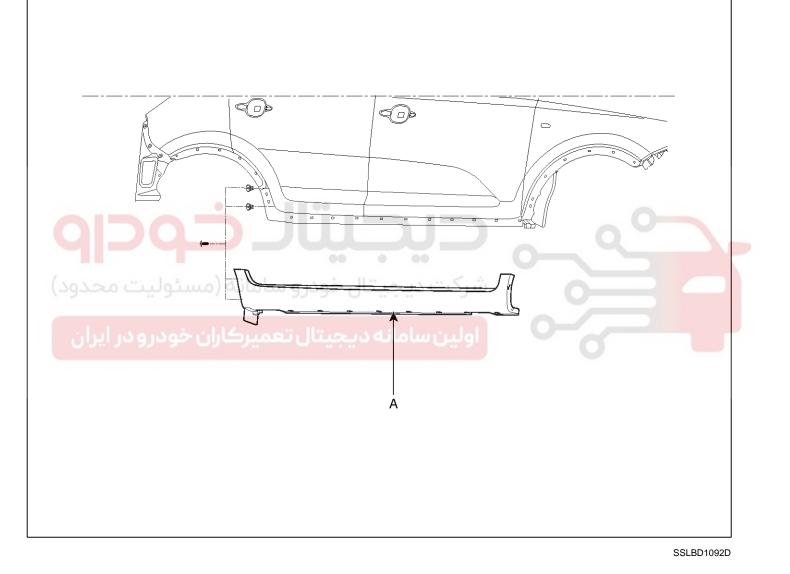
BD-43

Exterior

Side Sill Molding Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.

- 1. Loosen the side sill molding mounting screws.
- 2. Using a screwdriver or remover, remove the side sill molding (A).
- 3. Installation is the reverse of removal.



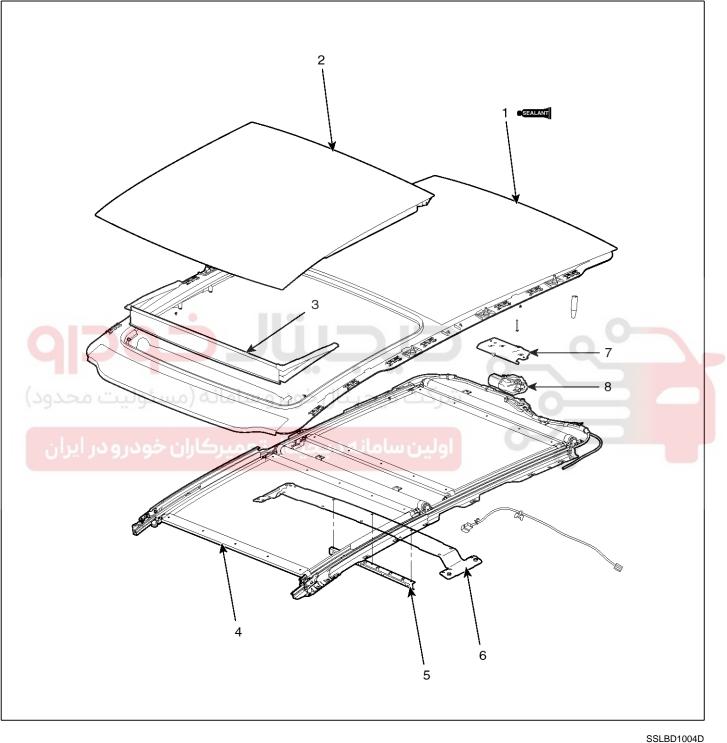
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BD-44

Body (Interior and Exterior)

Panoramaroof

Components



- 1. Panoramaroof frame assembly
- 2. Movable glass assembly
- 3. Wind deflector assembly
- 4. Mechanism assembly

- 5. Impact bracket
- 6. Impact cross member assembly
- 7. EMC metal sheet
- 8. Motor assembly

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BD-45

Exterior

Replacement

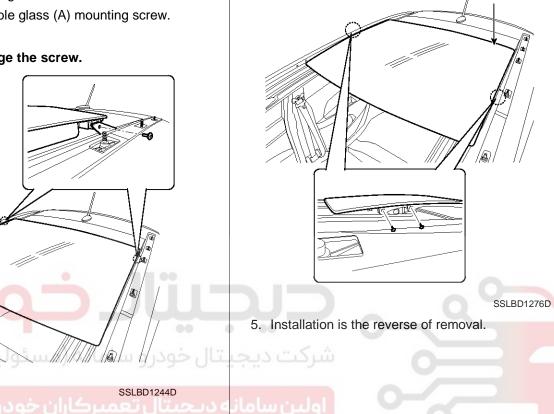
Movable Glass Replacement

- 1. Remove the roof rack and roof molding. (Refer to the BD group - "Body Side Moldings")
- 2. Open the movable glass.
- 3. Loosen the movable glass (A) mounting screw.

• Do not damage the screw.

4. After loosening the mounting screws, then remove the movable glass (A).

• Do not damage the screw.



BD-46

Body (Interior and Exterior)

2. Using a star wrench, the wind deflector loosening the

Wind Deflector Replacement

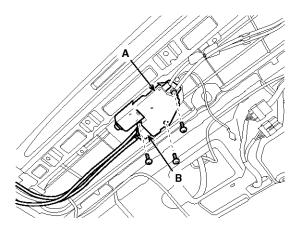
1. Open the movable glass fully.

Do not damage the screw.

mounting screw.

Motor Replacement

- 1. Remove the roof trim.
- (Refer to the BD group "Roof Trim")
- 2. Disconnect the connector (B).
- 3. Remove the panoramaroof motor after removing screws from the panoramaroof motor (A).



SSLBD1246D

4. Installation is the reverse of removal.

CAUTION

• Make sure to initialize the motor.

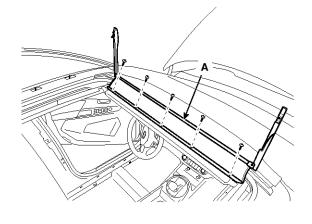
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SSLBD1247D

3. After loosening the mounting screws, then remove the wind deflector (A).

CAUTION

Do not damage the screw.



SSLBD1248D

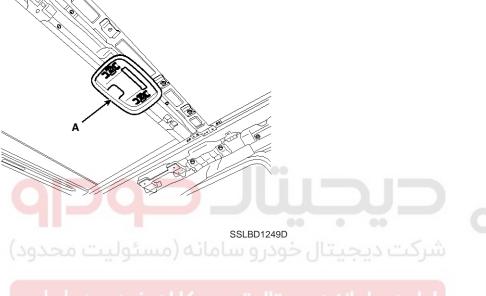
4. Installation is the reverse of removal.

Exterior

Roll Blind Replacement

Removal

- 1. Remove the following items.
 - Roof trim
 - (Refer to the BD group "Roof Trim")
 - Movable glass
 - Motor
- 2. Using a screwdriver or remover, remove the room lamp bracket (A).





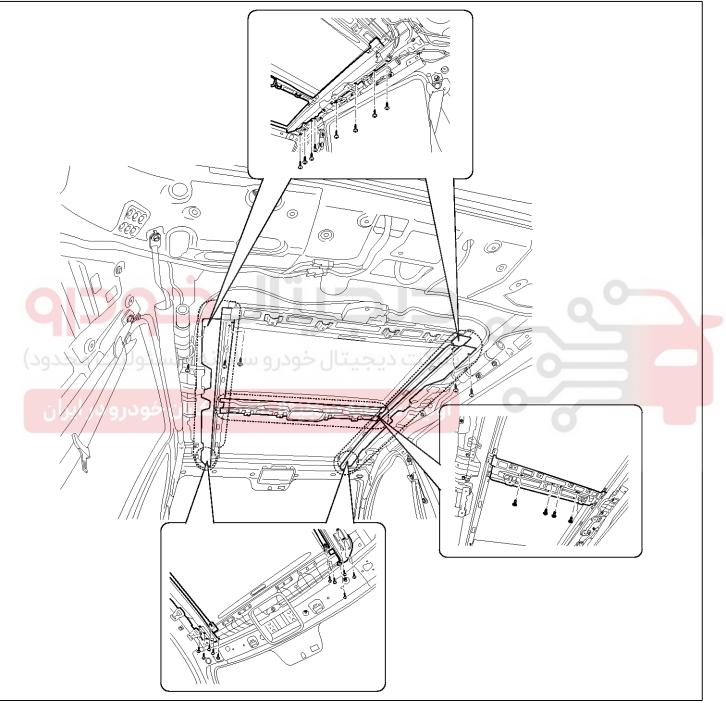
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BD-48

Body (Interior and Exterior)

 Remove the mechanism rail assembly loosening the mounting screw, and then remove the mechanism rail assembly (A).

• Do not damage the screws.



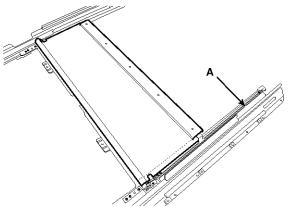
SSLBD1250D

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BD-49

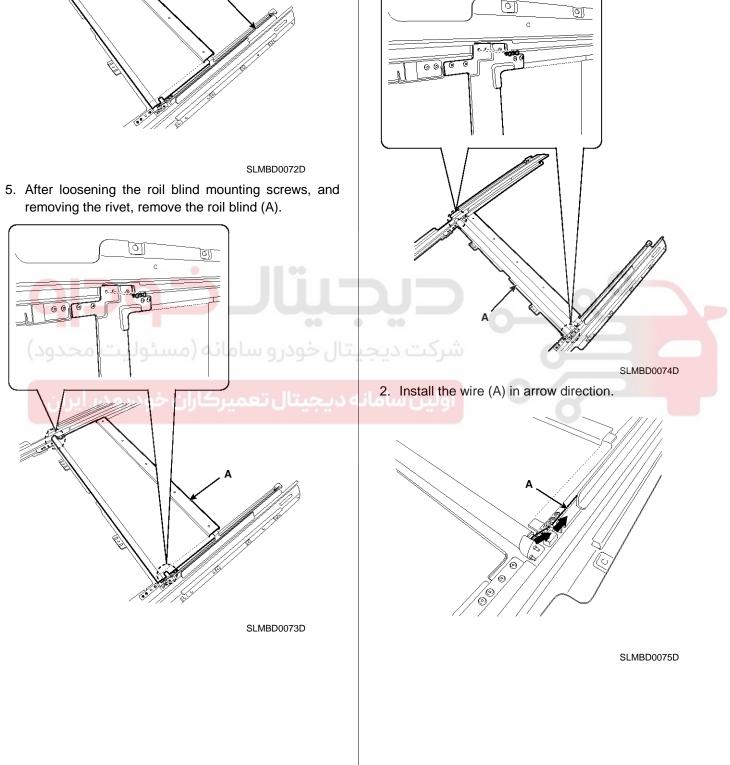
Exterior

4. Cut the tension wire (A) to prevent the injury.



- Installation
- 1. Installation the roil blind (A).

• Insert the part of fabric both ends to guide.

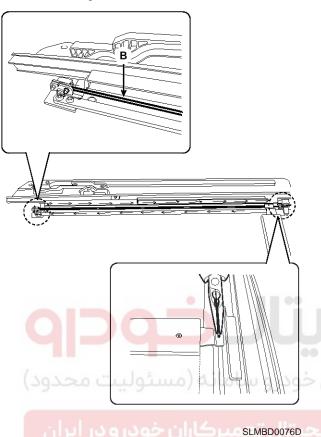


021 62 99 92 92

BD-50

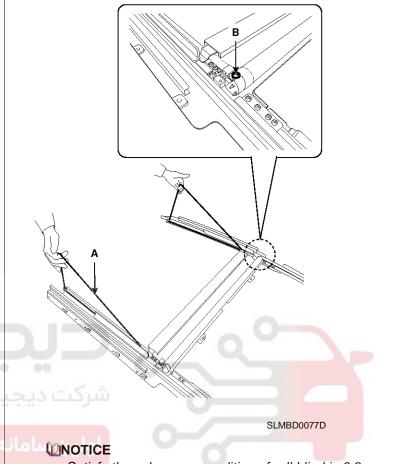
3. Install the wire (B) in arrow direction.

• Insert the wire into the cover completely when installing.



Body (Interior and Exterior)

- 4. Pull the wire (A) as below picture.
- 5. Lay down the wire (A) slowly after removing the clip (B).



- Satisfy the coherence condition of roll blind is 6.9
 25.5 N.m (0.7 ~ 2.6 kgf.m, 5.1 ~ 18.8 lb-ft)
- 6. Installation the following items.
 - Motor
 - Movable glass
 - Roof trim
 - (Refer to the BD group "Roof Trim")

021 62 99 92 92

Exterior

BD-51

Panoramaroof Assembly Replacement [Removal]

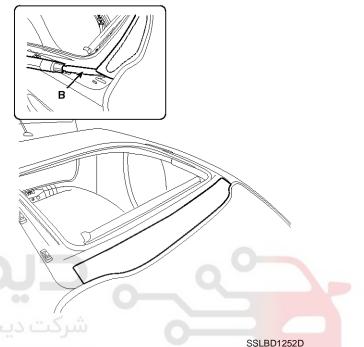
- 1. Remove the following items :
 - Front seat (Refer to the BD group - "Front Seat")
 - Rear seat (Refer to the BD group - "Rear Seat")
 - Interior trim (Refer to the BD group - "Interior Trim")
 - Roof trim (Refer to the BD group - "Roof Trim")
 - Roof antenna (Refer to the BE group - "Audio")
 - Roof rack & Roof molding (Refer to the BD group - "Body Side Moldings")
 - Wind deflector

MOTICE

- To protect the interior, cover the interior before starting removing the panoramaroof.
- 2. Using a cutter knife (B), remove the front glass weatherstrip (A).

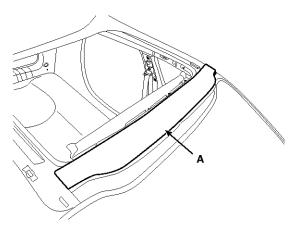
3. Open the space between chassis and front glass using flathead screwdriver, and then cut the sealant of rear and side using a tool (09816-2P127) (B).

• Be careful not to damage the front glass when open the space between chassis and front glass using flathead screwdriver.



4. Remove the front glass (A).

• Front glass is need to changed to new product surely.



SSLBD1253D

SSLBD1251D

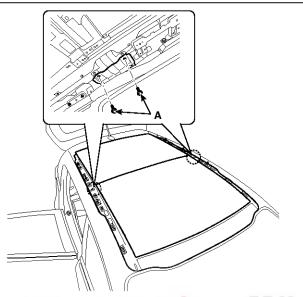
021 62 99 92 92

BD-52

5. Remove the panoramaroof panel mounting bracket loosening the mounting bolts (A).

Tightening torque :

 $19.6 \sim 29.4 \text{ N.m} (2.0 \sim 3.0 \text{ kgf.m}, 14.5 \sim 21.7 \text{ lb-ft})$



SSLBD1254D

6. Loosen the panoramaroof panel mounting nuts.

Tightening torque :

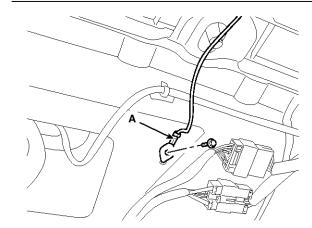
19.6 ~ 29.4 N.m (2.0 ~ 3.0 kgf.m, 14.5 ~ 21.7 lb-ft)

Body (Interior and Exterior)

7. Disconnect the ground wire (A) by removing the bolt

Tightening torque :

 $10.8 \simeq 13.7 \mbox{ N.m}$ (1.1 $\simeq 1.4 \mbox{ kgf.m}, 8.0 \simeq 10.1 \mbox{ lb-ft}$)



SSLBD1256D

8. Open the space between chassis and panoramaroof using flathead screwdriver, and then cut the sealant of edge using a tool (09816-2P130) (A).

WNOTICE

 Be careful not to damage the panoramaroof when incerting tools between the chassis and panoramaroof.



SSLBD1255D

SSLBD1257D

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Exterior

BD-53

 Open the space between chassis and panoramaroof using flathead screwdriver, and then cut the sealant of front using a tool (09816-2P121, 09816-2P122) (A).

MOTICE

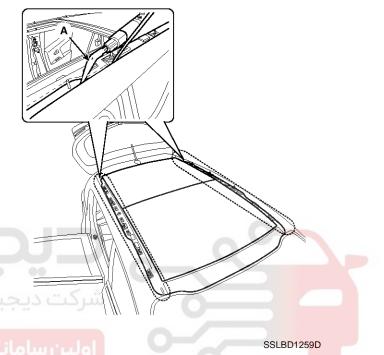
- This blade has a inclination to push upward. (09816-2P121, 09816-2P122)
- This blade has a inclination to push downward. (09816-2P123, 09816-2P124)



10. Open the space between chassis and panoramaroof using flathead screwdriver, and then cut the sealant of side using a tool (09816-2P121, 09816-2P122) (A).

MOTICE

- This blade has a inclination to push upward. (09816-2P121, 09816-2P122)
- This blade has a inclination to push downward. (09816-2P123, 09816-2P124)



 Be careful not to damage the panoramaroof when incerting tools between the chassis and panoramaroof.

SSLBD1258D

ACAUTION

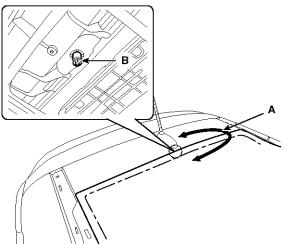
• Be careful not to damage the panoramaroof when incerting tools between the chassis and panoramaroof.

021 62 99 92 92

BD-54

11.Cut off the sealant by pulling the piano wire (A) around the back panoramaroof assembly.

• Be careful of center hole (B) break.

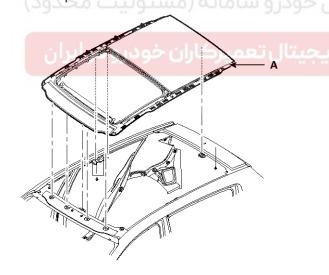


SSLBD1261D

12.Cut the sealant between the panoramaroof and the body, remove the panoramaroof (A).

WNOTICE

• Work with a minimum of four persons when lifting the panoramaroof on or off the vehicle.



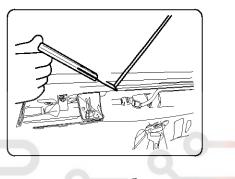
SSLBD1279D

Body (Interior and Exterior)

[Installation]

1. With a knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire panoramaroof opening flange

- Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
- Remove the rubber dam and fasteners from the body.
- Mask off surrounding surfaces before painting.



SSLBD1001N

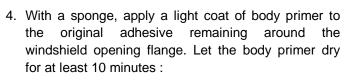
021 62 99 92 92

Exterior

2. Clean the body bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.

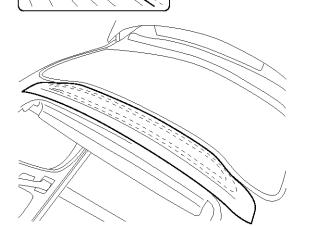


 Remove front glass of the panoramaroof by using a cutter knife.



- Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
- Never touch the primed surfaces with your hands.
- Mask off surrounding surfaces before painting.

SSLBD1265D



SSLBD1003N

021 62 99 92 92

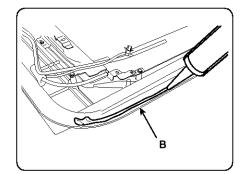
BD-56

5. Apply a light coat of glass primer to the outside of the fasteners.

- Never touch the primed surface with your hand. If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the primer.

Body (Interior and Exterior)

6. Pack adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of sealant (B) around the edge of the panoramaroof (A) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.



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SSLBD1266D

SSLBD1267D

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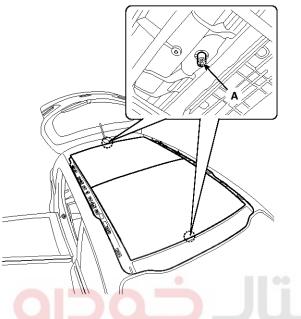
Exterior

BD-57

7. Fix the panoramaroof to center hall (A) of body, install carefully the panoramaroof to the body frame.

MOTICE

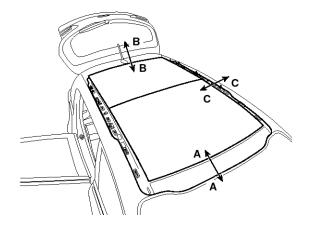
• Work with a minimum of four persons when lifting the panoramaroof on or off the vehicle.



SSLBD1268D

8. Check the Clearance and gap for each side after installing the panoramaroof.

	Section	Gap	Clearance
Front edge	خو _{A-A} در	5.7mm (0.2244in)	0.9mm (0.0354in)
Rear edge	B-B	5mm (0.1969in)	2mm (0.0787in)
Side edge	C-C	10mm (0.3937in)	1.2mm (0.0472in)



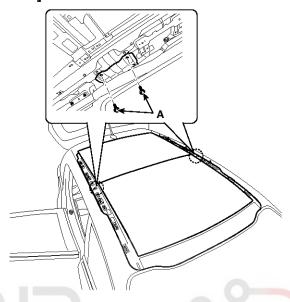
SSLBD1269D

9. Install the bolts (A), to the panoramaroof panal mounting bracket.

Tightening torque :

19.6 ~ 29.4 N.m (2.0 ~ 3.0 kgf.m, 14.5 ~ 21.7lb-ft)

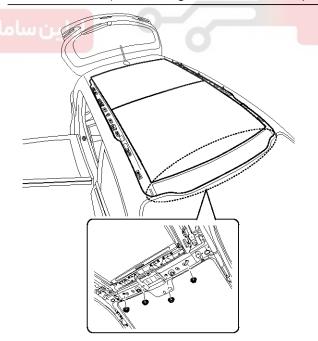




SSLBD1270D

10. Install the nuts to the panormaroof.

Tightening torque : 19.6 ~ 29.4 N.m (2.0 ~ 3.0 kgf.m, 14.5 ~ 21.7lb-ft)



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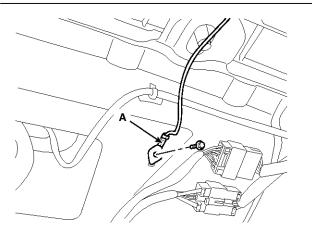
021 62 99 92 92

BD-58

11. Install the ground wire (A) mounting bolt.

Tightening torque :

10.8 ~ 13.7 N.m (1.1 ~ 1.4 kgf.m, 8.0 ~ 10.1 lb-ft)



SSLBD1272D

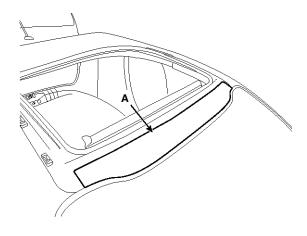
12. Install the roof rack and roof molding.

(Refer to the BD group - "Body Side Moldings")

13. Pack adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of sealant (A) around the edge of the panoramaroof panel (B) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.

Body (Interior and Exterior)

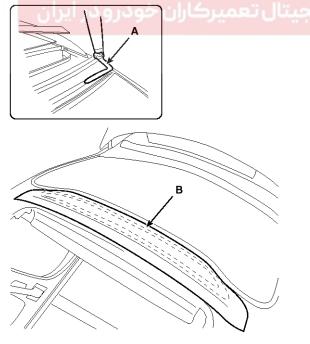
14. Install the front glass (A).

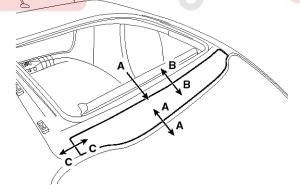


SSLBD1280D

- 15. Close the movable glass fully.
- 16. Check the Clearance and gap for each side after installing the front glass (A).

		Section	Gap	Clearance		
	Front edge	A-A	5.7mm (0.2244 in)	0.9mm (0.0354 in)		
	Rear edge	B-B	7mm (0.2756 in)	1.2mm (0.0472 in)		
?	Side edge	C-C	0mm	0mm		





SSLBD1274D

SSLBD1273D

Exterior

BD-59

- 17. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the windshield, wipe with a soft shop towel dampened with alcohol.
- 18. Let the adhesive dry for at least one hour, then spray water over the roof and check for leaks. If a leak occurs, let it dry, then seal with sealant :
 - Let the vehicle stand for at least four hours after windshield installation. If the vehicle must be driven within 4 hours, it must be driven slowly.
 - Keep the windshield dry for the first hour after installation.
- 19. Reinstall all remaining removed parts. Install the rearview mirror after the adhesive has dried thoroughly. Advise the customer not to do the following things for two the three days :
 - Slam the door with all the windows rolled up.
 - Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).
- 20. Installation the following items
 - Wind deflector
 - Roof antenna
 - (Refer to the BE group "Audio")
 - Roof trim

(Refer to the BD group - "Roof Trim")

Interior trim

(Refer to the BD group - "Interior Trim")

- Rear seat (Refer to the BD group - "Rear Seat")
- Front seat (Refer to the BD group - "Front Seat")

Adjustment

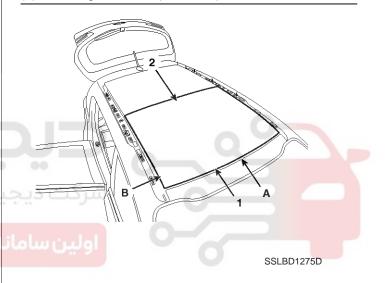
Inspect Glass Alignment

- 1. Check for abnormal noise or bending during operation.
- 2. With the sunroof fully closed, check for water leakage.
- The roof panel (B) should be even with the movable glass (A) weatherstrip, to within the standard value "E" all the way around. If not, make the following adjustment.

Tightening torque :

Standard value "E" [mm(in.)]

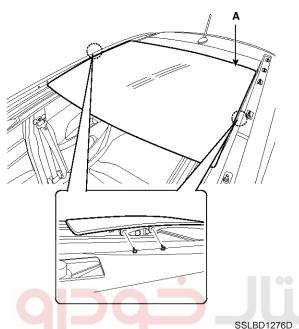
- (1) Front edge : 1.2mm (0.0472 in)
- (2) Rear edge : 1.0mm (0.0394 in)



BD-60

4. If the position is not as specified, lightly loosen the glass adjusting screws (A) to adjust the glass height and tighten it.

• Do not damage the screws.



How To Initialize Motor

Whenever the battery is disconnected, discharged or the related fuse is replaced or reinstalled, the panoramaroof system must be reset according to the procedure below.

- 1. Turn the ignition key to the ON position and then close the panoramaroof completely.
- 2. Release the panoramaroof control levering the switch.
- 3. Press and hold the CLOSE button for more than 10 seconds until the sunroof has moved slightly.
- 4. Release the panoramaroof control lever.
- 5. Press and hold the CLOSE button once again until the sunroof do as follows.
 - Tilt \rightarrow Slide Open \rightarrow Slide Close
 - Then, release the lever.
- 6. Reset procedure of panorama system is finished.

When To Initialize The Motor

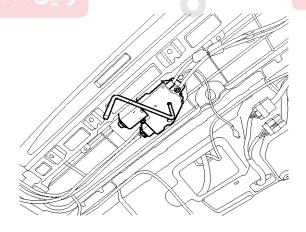
- 1. At the time of manufacture.
- 2. If the Initial setting is erased due to loss of power.
- 3. After using the manual handle.

Body (Interior and Exterior)

Operating The Panoramaroof Emergency Handle

- 1. Use the panoramaroof emergency handle to close and open the panoramaroof manually for the following case only.
 - To close the panoramaroof before driving a vehicle in arainy day or on the highway if the panoramaroof can not be closed due to failure of the panoramaroof motor or controller.
- 2. Operating method.
 - Remove the roof trim
 - Push the emergency handle up into the hexagonal drive of the panoramaroof motor. You must push hard enough to disengage the motor clutch; otherwise the emergency handle will slip due to incomplete fit in the motor.
 - Carefully turn the emergency handle clockwise to close the panoramaroof.
 - After closing the sunroof, wiggle the handle back and forth as you remove the tool from the motor, to ensure the motor clutch reengages.
 - A 5mm hex socket may be used in place of the emergency handle, with a" Speeder" type handle.

- Do not use power tools to operate the panoramaroof.
- Damaged to the components may occur.



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Exterior

BD-61

Mirror

Replacement

Outside Rear View Mirror Assembly Replacement

• When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.

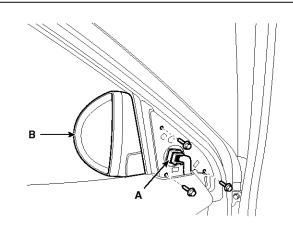
SSLBD1093D

- Put on gloves to protect your hands.
- 1. Remove the front door quadrant inner cover (A).

- 2. Disconnect the connector (A).
- 3. After loosening the mounting bolts, then remove the outside rear view mirror (B).

Tightening torque :

 $6.9 \simeq 10.8 \text{ N.m} \left(0.7 \simeq 1.1 \text{ kgf.m}, 5.1 \simeq 8.0 \text{ lb-ft} \right)$



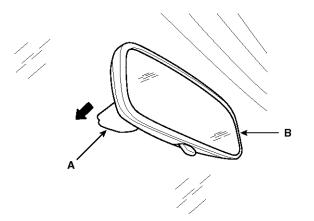
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SSLBD1094D
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4. Installation is the reverse of removal.

BD-62

Inside Rear view Mirror Replacement

1. Push the inside rear view mirror base (A) down to remove to inside rear view mirror assembly (B).



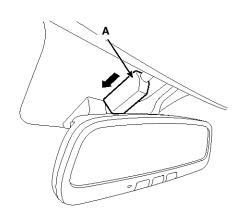
SYFBD0109D

2. Installation is the reverse of removal.

Body (Interior and Exterior)

ECM Mirror Replacement

1. Remove the ECM mirror cover (A).



SSLBD1095D

SSLBD1096D

2. Disconnect the ECM mirror connector (B).

4. Installation is the reverse of removal.

• Make sure the connector are connected in

properly.

3. Loosen the mounting screw (C), push the ECM mirror base up to remove the ECM mirror assembly (A).

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Exterior

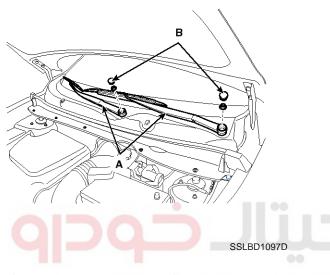
Cowl Top Cover

Replacement

- 1. Remove the wiper arm cover (B).
- 2. After loosening the mounting nuts, then remove the wiper arm (A).

Tightening torque :

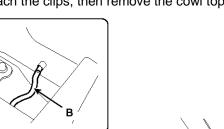
22.6 ~ 26.5 N.m (2.3 ~ 2.7 kgf.m, 16.6 ~ 19.5 lb-ft)



بتال خودرو سامانه (مسئوليت محدود

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- 3. Remove the washer nozzle hose (B).
- 4. Detach the clips, then remove the cowl top cover (A).



SSLBD1098D

5. Installation is the reverse of removal.

WNOTICE

Replace any damage clips.

BD-63

BD-64

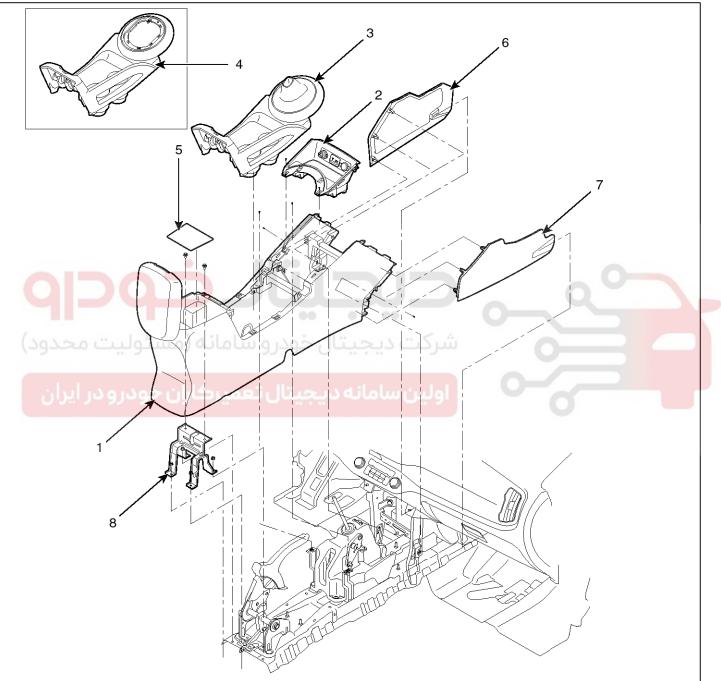
Body (Interior and Exterior)

Interior

Console

Components

[M/T]



SSLBD1005D

- 1. Floor console assembly
- 2. Floor console tray
- 3. Console upper cover [5 speed M/T]
- 4. Console upper cover [6 speed M/T]

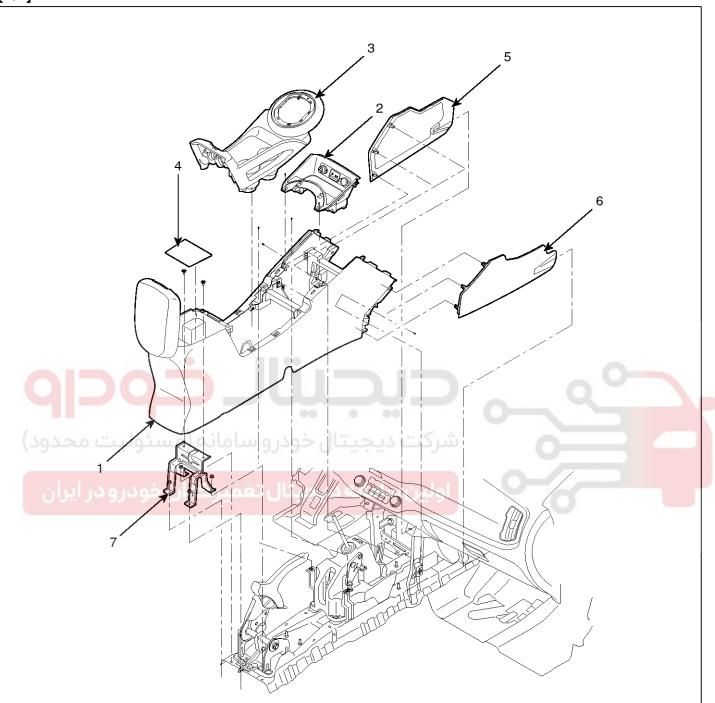
- 5. Console storage box mat
- 6. Console side cover [LH]7. Console side cover [RH]
- 8. Console rear mounting bracket

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Interior

BD-65



SSLBD1006D

- 1. Floor console assembly
- 2. Floor console tray
- 3. Console upper cover [A/T]
- 4. Console storage box mat

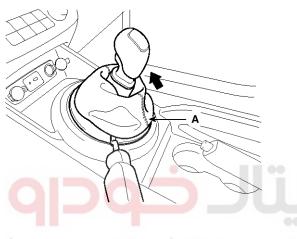
- 5. Console side cover [LH]
- 6. Console side cover [RH]
- 7. Console rear mounting bracket

BD-66

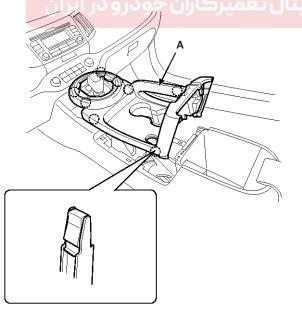
Replacement

Floor Console Replacement [M/T]

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the gear boots (A).



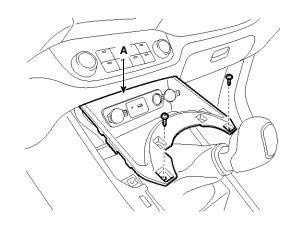
- ے SSLBD1282D مانہ (مسئولیت محدود)
- 2. Using a screwdriver or remover, remove the console upper cover (A).



SSLBD1283D

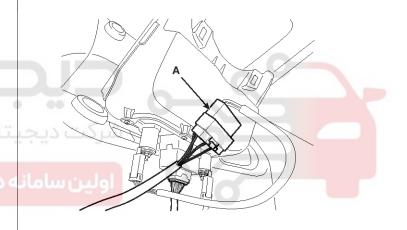
Body (Interior and Exterior)

3. After loosening the mounting screws, then remove the floor console tray (A).



SSLBD1284D

4. Disconnect the connector (A).



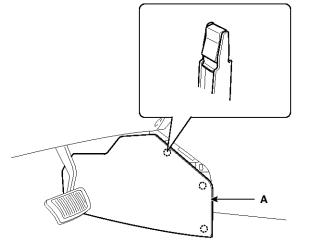
SSLBD1285D

021 62 99 92 92

BD-67

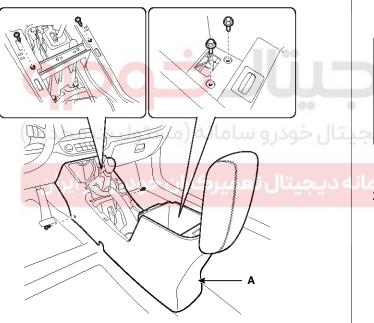
Interior

5. Remove the console side cover (A).



SSLBD1104D

6. After loosening the mounting screws and bolts, then remove the floor console assembly (A).



SSLBD1286D

7. Installation is the reverse of removal.

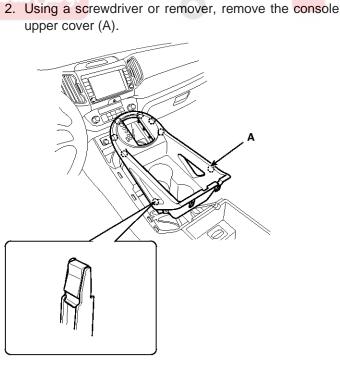
WNOTICE

- Make sure the connector are connected in properly.
- Replace any damage clips.

[A/T]

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the gear boots (B) and gear knob (A).

в



SSLBD1100D

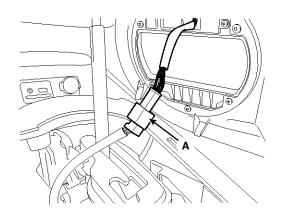
SSLBD1099D

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BD-68

3. Disconnect the connector (A).

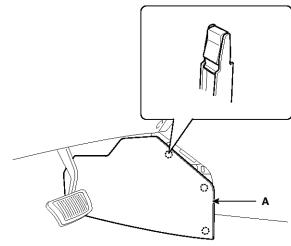


SSLBD1101D

4. After loosening the mounting screws, then remove the floor console tray (A).

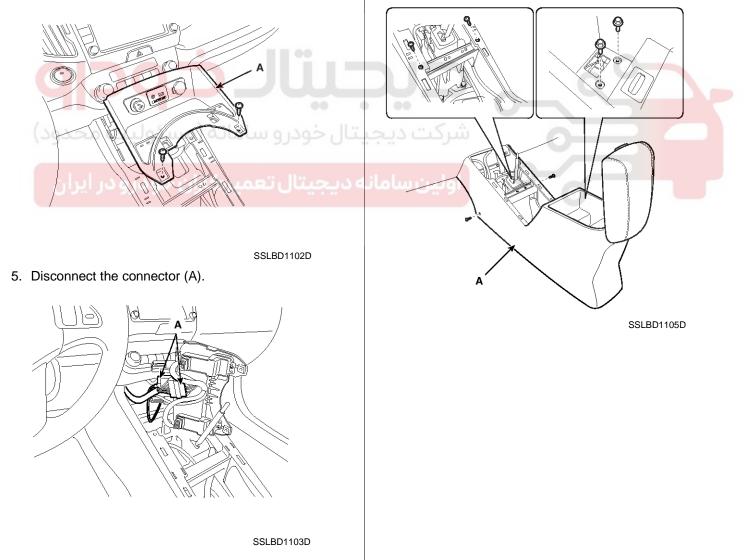
Body (Interior and Exterior)

6. Remove the console side cover (A).



SSLBD1104D

7. After loosening the mounting screws and bolts, then remove the floor console assembly (A).

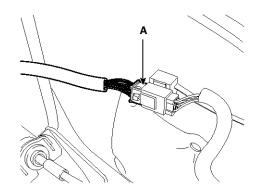


021 62 99 92 92

Interior

BD-69

8. Disconnect the floor console main connector (A).



SSLBD1106D

9. Installation is the reverse of removal.

WNOTICE

- Make sure the connector are connected in properly.
- Replace any damage clips.

Armrest Replacement

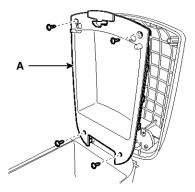
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the rear console cover (A).

SSLBD1107D

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یتال خودرو سامانه (مسئولیت محدود)

2. After loosening the mounting screws, then remove the armrest cover (A).

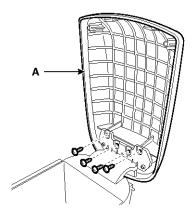


SSLBD1108D

BD-70

Body (Interior and Exterior)

3. After loosening the mounting screws, then remove the armrest assembly (A).



SSLBD1109D

4. Installation is the reverse of removal.

MOTICE



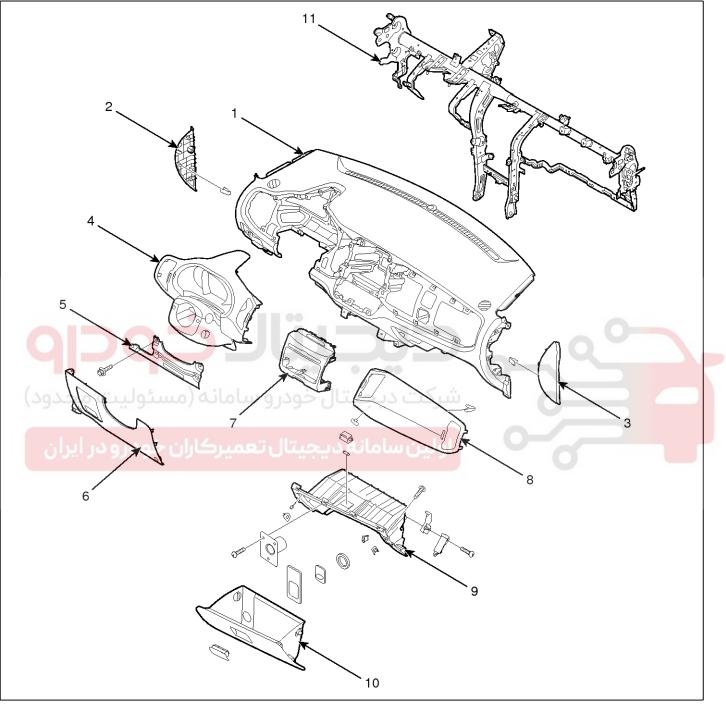


Interior

BD-71

Crash Pad

Components



SSLBD1001D

- 1. Main crash pad assembly
- 2. Crash pad side cover [LH]
- 3. Crash pad side cover [RH]
- 4. Cluster fascia panel
- 5. Reinforcing panel
- 6. Crash pad lower panel

- 7. Center facia panel
- 8. Crash pad garnish
- 9. Glove box housing
- 10. Glove box
- 11. Cowl cross bar assembly

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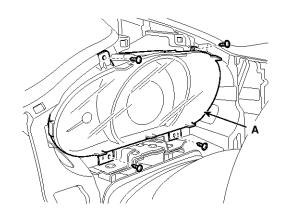
BD-72

Replacement Cluster Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the cluster fascia panel cap (B) and then loosening the mounting screw.
- 2. Using a screwdriver or remover, remove the cluster fascia panel (A).

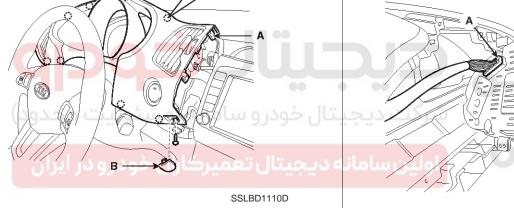
Body (Interior and Exterior)

4. After loosening the mounting screws, then remove the cluster assembly (A).

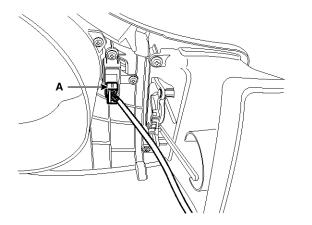


SSLBD1112D

5. Disconnect the connector (A).



3. Disconnect the connector (A).



SSLBD1111D

SSLBD1113D

6. Installation is the reverse of removal.

- Make sure the connector is plugged in properly.
- Replace any damage clips.

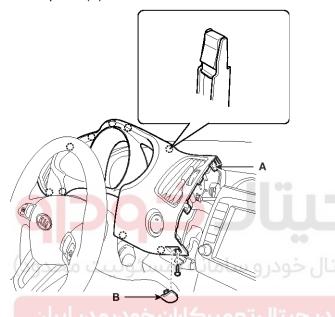
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BD-73

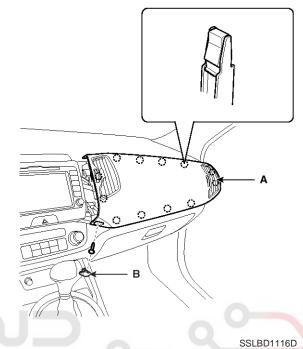
Interior

Center Facia Panel Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands. •
- 1. Remove the cluster fascia panel cap (B) and then loosening the mounting screw.
- 2. Using a screwdriver or remover, remove the cluster fascia panel (A).

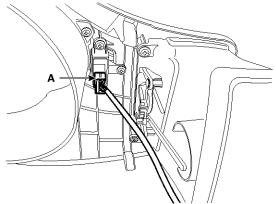


- 4. Remove the crash pad garnish cap (B) and then loosening the mounting screw.
- 5. Using a screwdriver or remover, remove the crash pad garnish (A).

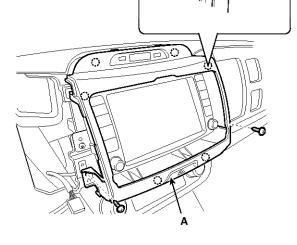


6. After loosening the mounting screws, then remove the center facia panel (A).

3. Disconnect the connector (A).



SSLBD1115D

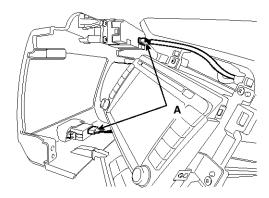


SSLBD1117D

SSLBD1114D

BD-74

7. Disconnect the connectors (A).



SSLBD1118D

8. Installation is the reverse of removal.

MOTICE

- Make sure the connector are connected in properly.
- Replace any damage clips.

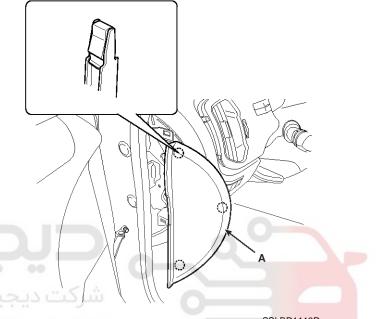
ں خودرو سامانہ (مسئول<mark>یت</mark> محدود

دیجیتال تعمیرکاران خودرو در ایران

Body (Interior and Exterior)

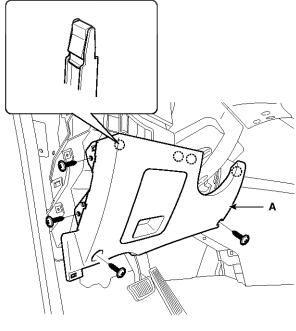
Crash Pad Lower Panel Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the crash pad side cover (A).



SSLBD1119D

2. After loosening the mounting screws, then remove the crash pad lower panel (A).

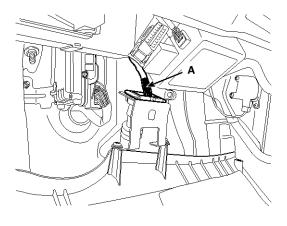


SSLBD1120D

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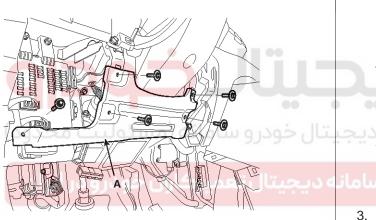
Interior

3. Disconnect the diagnosis connector (A).



SSLBD1121D

4. After loosening the mounting bolts, then remove reinforcing panel (A).



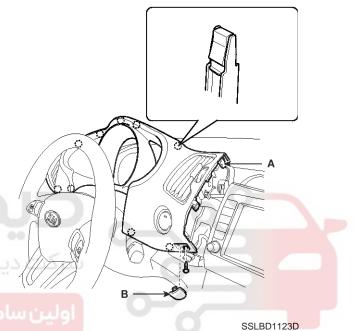
SSLBD1122D

5. Installation is the reverse of removal.

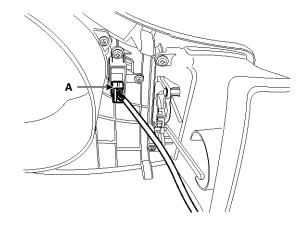
- Make sure the connector are connected in properly.
- Replace any damage clips.

Audio assembly Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the cluster fascia panel cap (B) and then loosening the mounting screw.
- 2. Using a screwdriver or remover, remove the cluster fascia panel (A).



3. Disconnect the connector (A).



SSLBD1124D

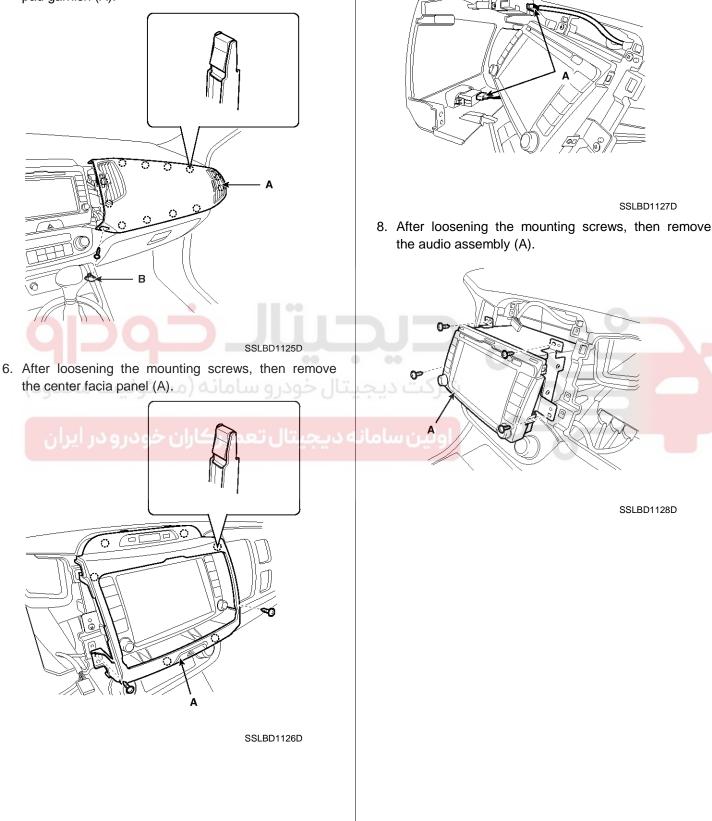
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Body (Interior and Exterior)

7. Disconnect the connectors (A).

BD-76

- 4. Remove the crash pad garnish cap (B) and then loosening the mounting screw.
- 5. Using a screwdriver or remover, remove the crash pad garnish (A).

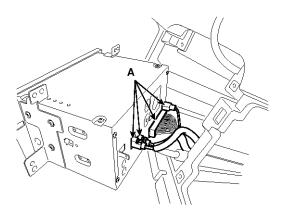


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Interior

9. Disconnect the connectors (A).



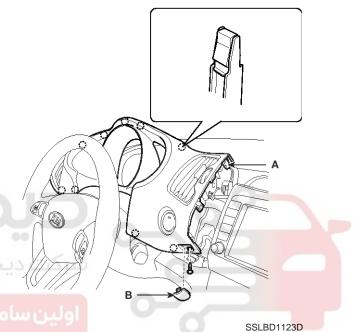
SSLBD1129D

10. Installation is the reverse of removal.

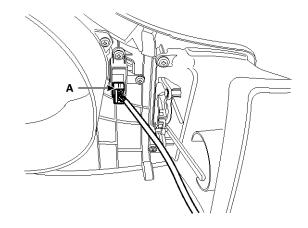
- Make sure the connector are connected in properly.
- Replace any damage clips.

Heater Control Unit Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the cluster fascia panel cap (B) and then loosening the mounting screw.
- 2. Using a screwdriver or remover, remove the cluster fascia panel (A).



3. Disconnect the connector (A).

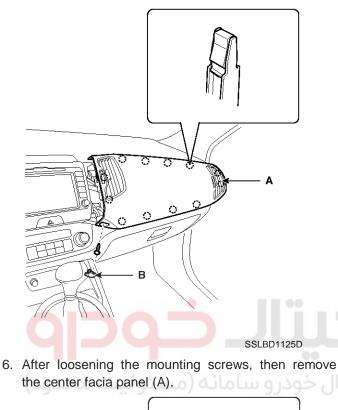


SSLBD1124D

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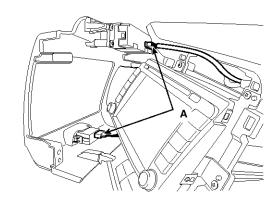
BD-78

- 4. Remove the crash pad garnish cap (B) and then loosening the mounting screw.
- 5. Using a screwdriver or remover, remove the crash pad garnish (A).





7. Disconnect the connectors (A).



SSLBD1127D

8. After loosening the mounting screws, then remove the heater control unit (A).

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SSLBD1130D

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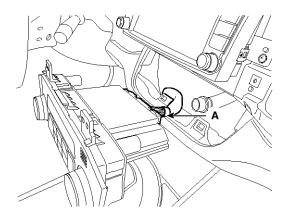
SSLBD1126D

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Interior

9. Disconnect the connector (A).



SSLBD1131D

شرکت دیجی<mark>ا</mark>تال خودرو سامانه (مسئولیت محدود)

10. Installation is the reverse of removal.

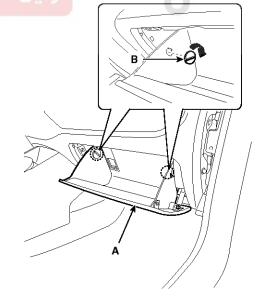
- Make sure the connector are connected in properly.
- Replace any damage clips.

Glove Box Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the crash pad side cover (A).

SSLBD1132D

2. Disconnect the guide (B) from the glove box (A).

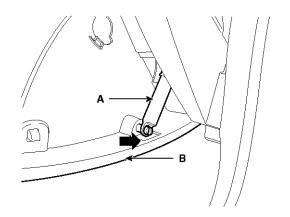


SSLBD1133D

021 62 99 92 92

BD-80

3. Disconnect the life (A) from the glove box (B).



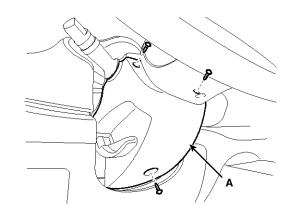
SSLBD1134D

4. Disconnect the pin (A) and then remove the glove box (B).

Body (Interior and Exterior)

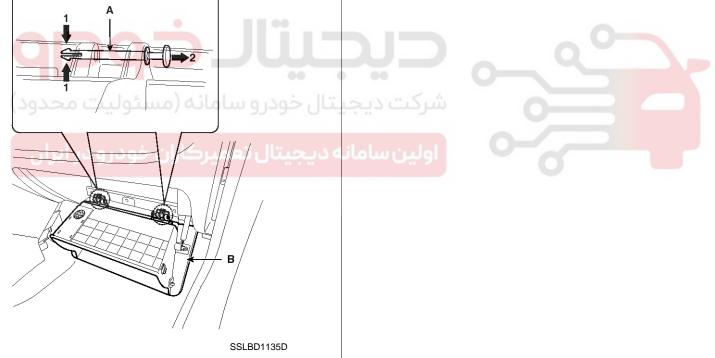
Shroud Replacement

1. After loosening the mounting screws, then remove the shroud assembly (A).



SSLBD1136D

2. Installation is the reverse of removal.



5. Installation is the reverse of removal.

MOTICE

• Replace any damage clips.

021 62 99 92 92

Interior

BD-81

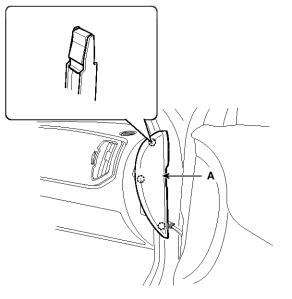
Crash Pad Side Cover Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the crash pad side cover (A).

[Driver's]



[Passenger's]

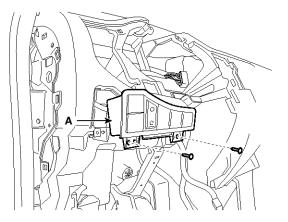


SSLBD1138D

2. Installation is the reverse the removal.

Main Crash Pad Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the following items.
 - Front seat
 - (Refer to the BD group "Front Seat")
 - Front pillar trim (Refer to the BD group – "Interior Trim")
 - Floor console assembly (Refer to the BD group – "Console")
 - Cluster fascia panel & Cluster assembly
 - Crash pad garnish
 - Glove box
 - Center fascia panel
 - Audio assembly
 - Heater control unit
 - Crash pad side cover
 - Cowl side trim
 - (Refer to the BD group- Interior Trim")
 - Crash pad lower panel
 - Steering column
 - (Refer to the ST group "Steering Column and Shaft")
- 2. After loosening the mounting screws, then remove the crash pad switch assembly (A).



SSLBD1139D

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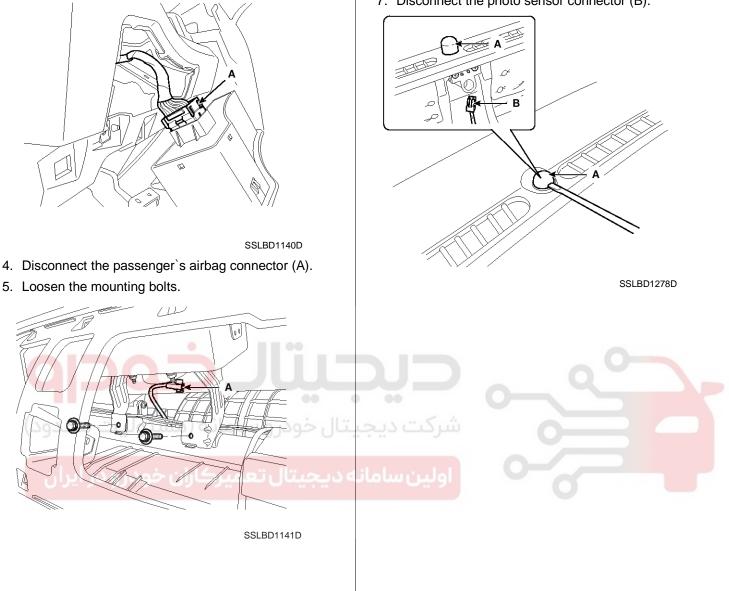
021 62 99 92 92

BD-82

3. Disconnect the connector (A).

Body (Interior and Exterior)

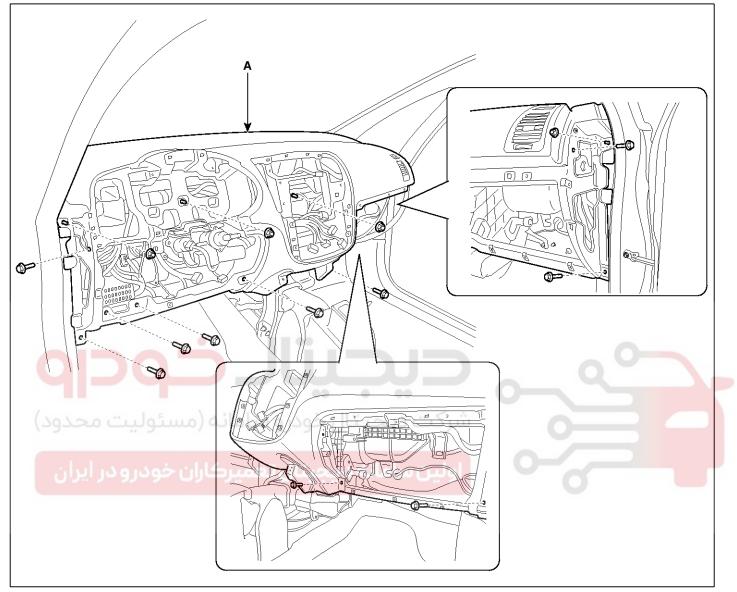
- 6. Using a screwdriver, remove the photo sensor (A).
- 7. Disconnect the photo sensor connector (B).



Interior

BD-83

8. After loosening the mounting bolts and nuts, then remove the main crash pad assembly (A).



SYNBD0135L

9. Installation is the reverse of removal.

MOTICE

- Make sure the crash pad fits onto the guide pins correctly.
- Before tightening the bolts, make sure the crash pad wire harnesses are not pinched.
- Make sure the connectors are plugged in properly, and the antenna lead is connected properly.
- Enter the anti- theft code for the radio, then enter the customer's radio station presets.

021 62 99 92 92

BD-84

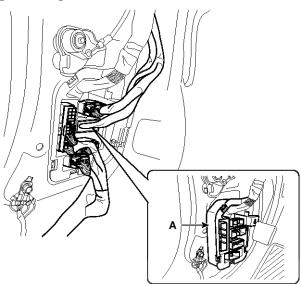
Cowl Cross Bar Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the following items.
 - Front seat (Refer to the BD group - "Front Seat")
 - Floor Console assembly (Refer to the BD group - "Console")
 - Cowl top cover (Refer to the BD group - "Cowl Top Cover")
 - Cowl side trim (Refer to the BD group - "Interior Trim")
 - Main crash pad
- 2. Disconnect the blower unit connectors.

(Refer to the HA group - "Air conditioning system, Heater, Blower")

- Body (Interior and Exterior)
 - 3. Disconnect the wiring connectors.
 - 4. Using a screwdriver or remover, remove the multi box (A).

[Driver's]

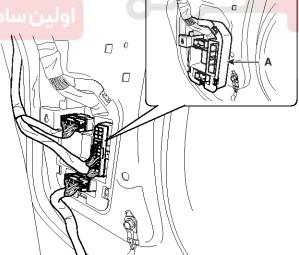


SSLBD1143D

- 5. Disconnect the wiring connectors.
- Using a screwdriver or remover, remove the multi box (A).

[Passenger's]

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SSLBD1144D

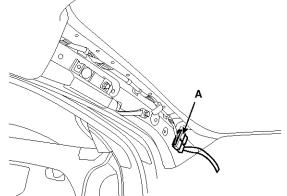
021 62 99 92 92

Interior

BD-85

- 7. Disconnect the connectors (A).
 - - SSLBD1145D
- 8. Disconnect the airbag control module (SRSCM) connector (A).

 Disconnect the connector (A) and the mounting clips in the driver's front pillar.



SSLBD1147D

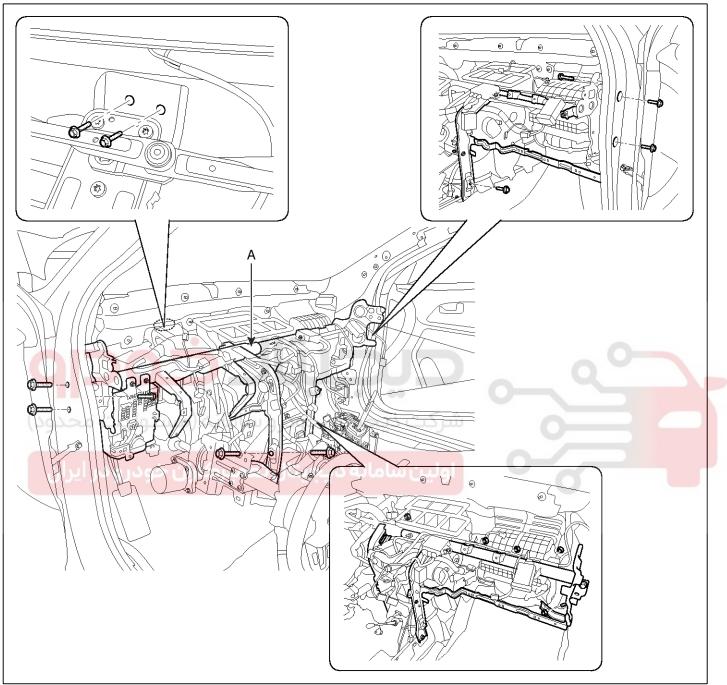


SSLBD1146D

BD-86

Body (Interior and Exterior)

10. After loosening the mounting bolts and nuts, then remove the cowl cross bar (A).



SSLBD1148D

11. Installation is the reverse of removal.

MOTICE

- Replace any damage clips.
- Make sure the connectors are plugged in properly.

Interior

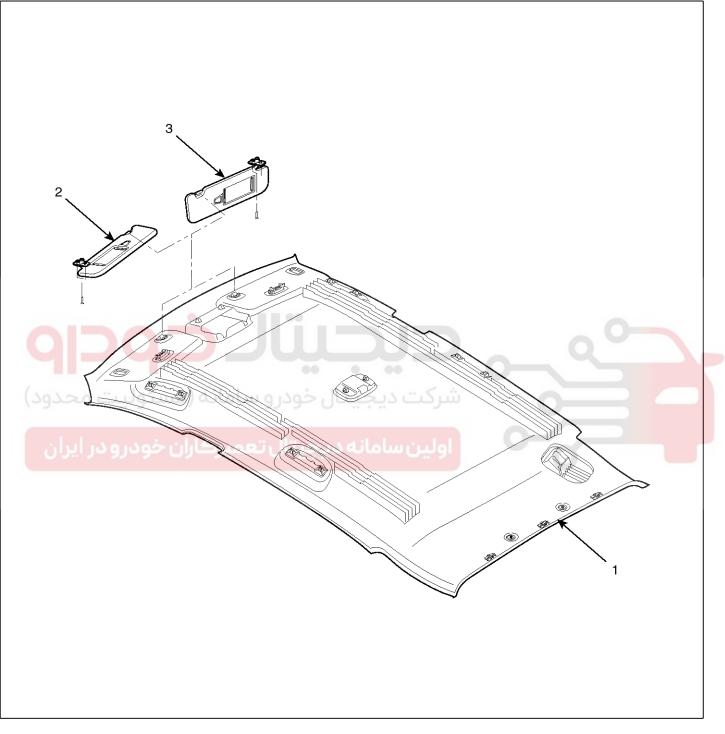
Roof Trim

Components

1. Roof trim

2. Sunvisor [Driver's]

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SSLBD1007D

3. Sunvisor [Passenger's]

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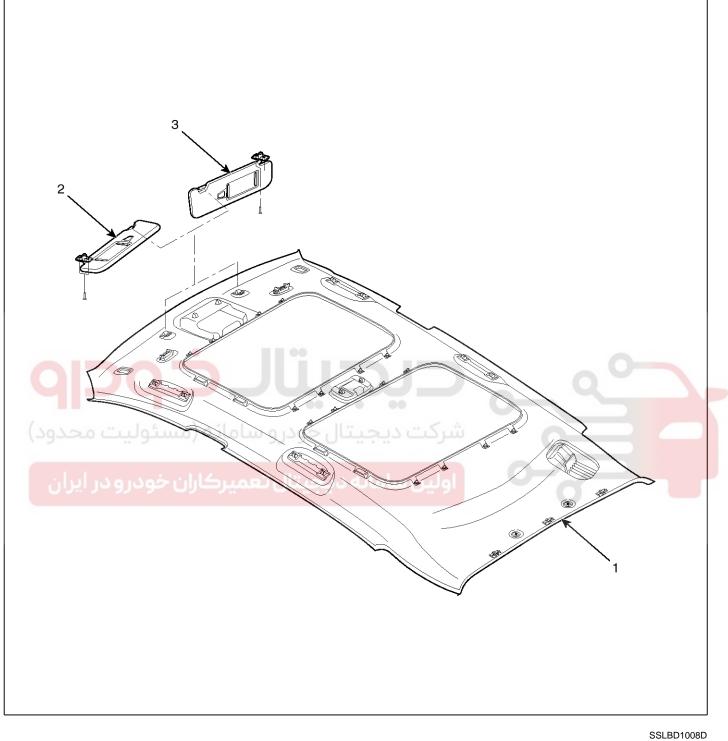
BD-87

021 62 99 92 92

BD-88

Body (Interior and Exterior)

Components [Panoramaroof]



Roof trim
 Sunvisor [Driver's]

3. Sunvisor [Passenger's]

021 62 99 92 92

Interior

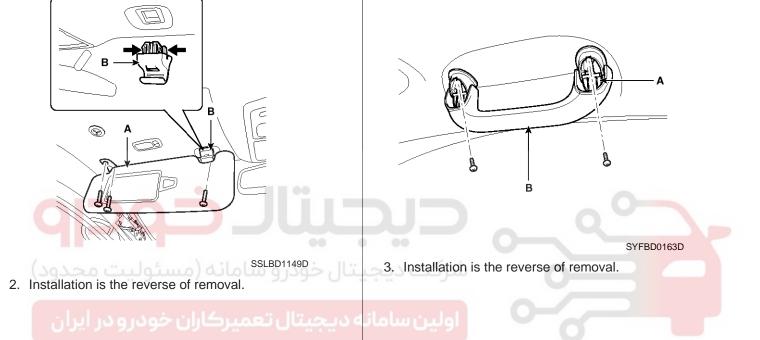
BD-89

Replacement Sunvisor Replacement

- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Put on gloves to protect your hands.
- 1. After loosening the mounting screws, then remove the sunvisor (A) and retainer (B).

Assist Handle Replacement

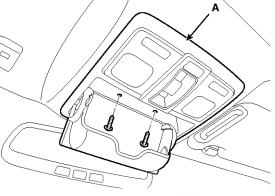
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Put on gloves to protect your hands.
- 1. Remove the covers (A).
- 2. After loosening the mounting screws, then remove the assist handle (B).



BD-90

Overhead Console Replacement

- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Put on gloves to protect your hands.
- 1. After loosening the mounting screws, then remove the overhead console assembly (A).

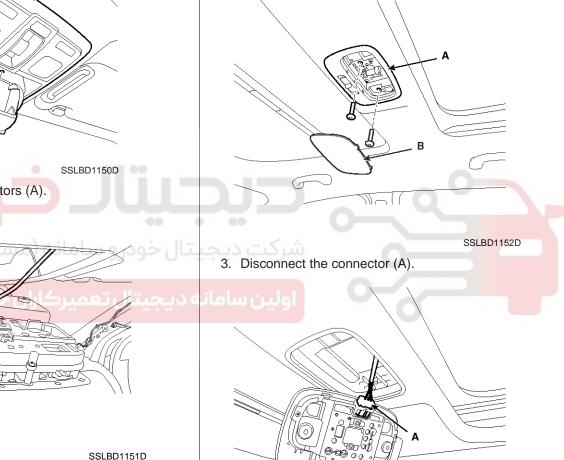


2. Disconnect the connectors (A).

Body (Interior and Exterior)

Room Lamp Replacement

- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the room lamp cover (B).
- 2. After loosening the mounting screws, then remove the room lamp (A).



3. Installation is the reverse of removal.

WNOTICE

Make sure the connector is connected properly.

SSLBD1153D

4. Installation is the reverse of removal.

 Make sure the connectors are plugged in properly.

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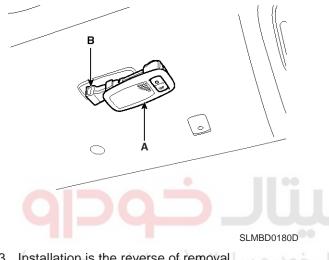
021 62 99 92 92

BD-91

Interior

Vanity Lamp Replacement

- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Put on gloves to protect your hands.
- 1. Using a screwdriver or remover, remove the vanity lamp (A).
- 2. Disconnect the connector (B).

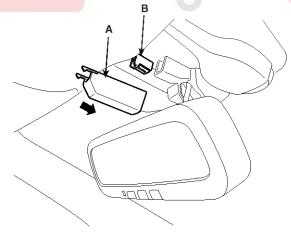


3. Installation is the reverse of removal.

Make sure the connector is connected properly.

Roof Trim Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the following items.
 - Front seat
 - (Refer to the BD group "Front Seat")
 - Rear seat (Refer to the BD group - "Rear Seat")
 - Sunvisor
 - Overhead console
 - Room lamp
 - Assist handle
 - Front pillar trim
 - (Refer to the BD group " Interior Trim")
 - Front door scuff trim & Rear door scuff trim (Refer to the BD group - " Interior Trim")
 - Center pillar lower trim & Center pillar upper trim (Refer to the BD group - " Interior Trim")
 - Rear pillar trim
 - (Refer to the BD group " Interior Trim")
- 2. Remove the ECM mirror cover (A).
- 3. Disconnect the ECM mirror connector (B).



SVGBD0166D

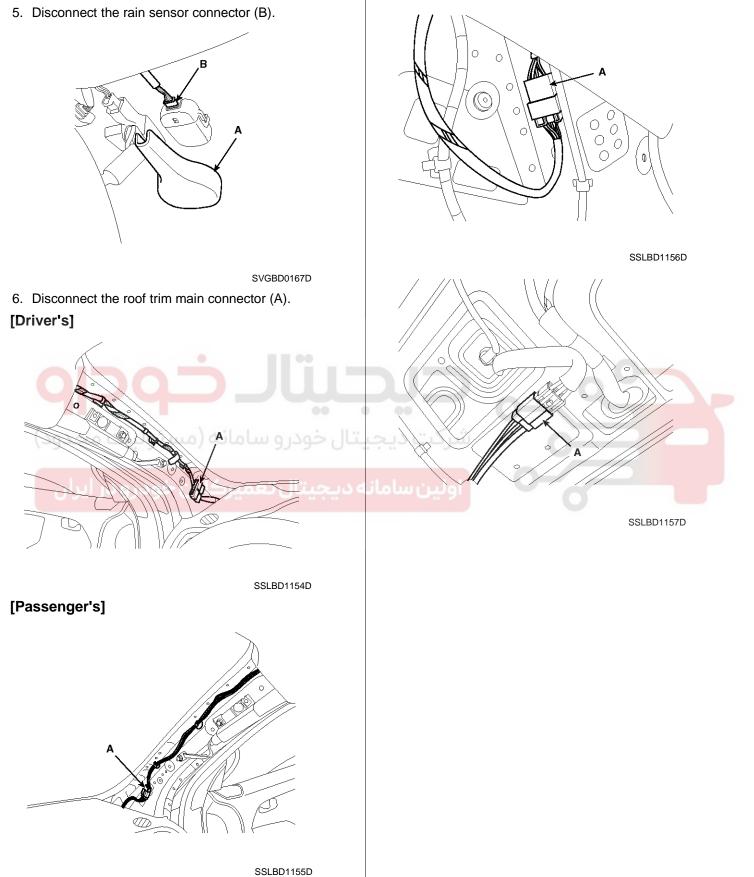
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BD-92

4. Remove the rain sensor cover (A).

Body (Interior and Exterior)

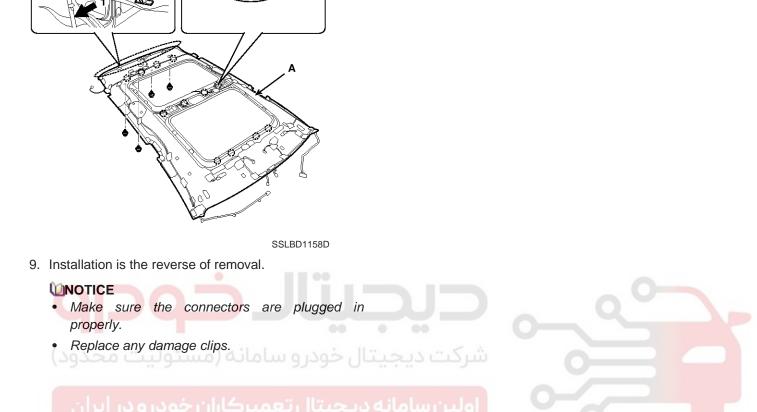
7. Disconnect the antenna connector (A).



Interior

8. Remove the clips and roof trim (A).

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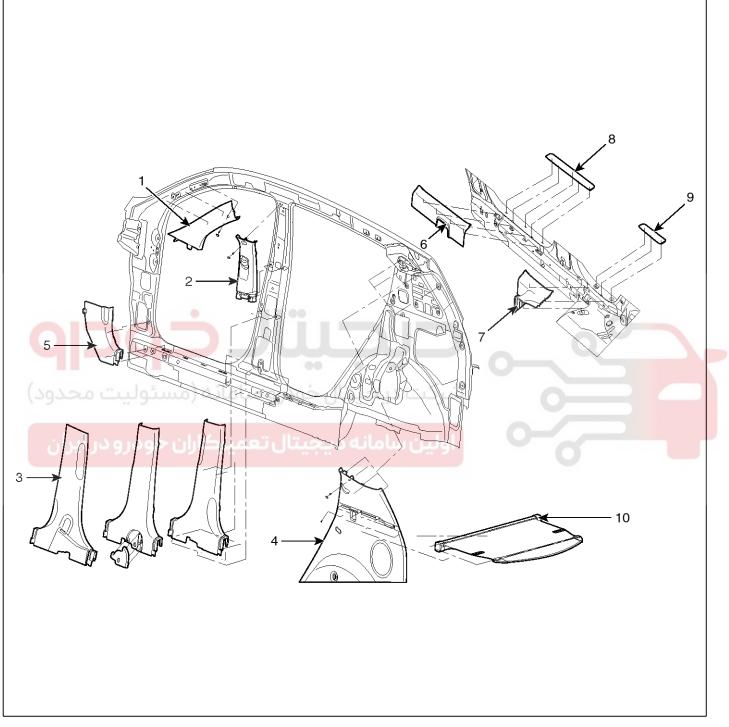


BD-94

Body (Interior and Exterior)

Interior Trim

Components



SSLBD1009D

- 1. Front pillar trim
- 2. Center pillar upper trim
- 3. Center pillar lower trim
- 4. Luggage side trim
- 5. Cowl side trim

- 6. Front door scuff trim
- 7. Rear door scuff trim
- 8. Front step trim
- 9. Rear step trim
- 10. Cargo screen

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BD-95

Interior

Replacement

Door Scuff Trim Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not to bend or scratch the trim and panels.
- 1. Using a screwdrier or remover, remove the front door scuff trim (A).

[Front]

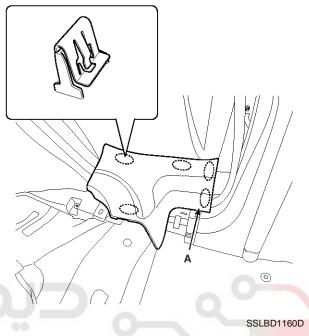


2. Remove the rear seat

(Refer to the BD group - "Rear Seat")

3. Using a screwdriver or remover, remove the rear door scuff trim (A).

[Rear]



4. Installation is the reverse of removal.

MOTICE

• Replace any damage clips.

SSLBD1159D

BD-96

Front Pillar Trim Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not to bend or scratch the trim and panels.
- 1. After loosening the mounting bolt, then remove the front pillar trim (A).



2. Installation is the reverse of removal.

Replace any damage clips.

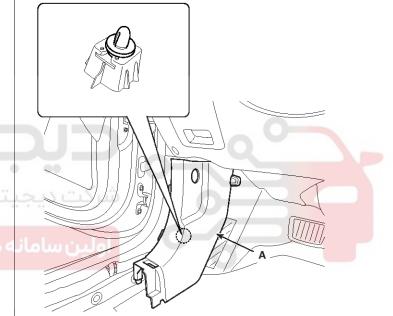
Body (Interior and Exterior)

Cowl Side Trim Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the front door scuff trim.
- 2. Remove the hood release handle.

(Refer to the BD group – "Hood")

3. Using a screwdriver or remover, remove the cowl side trim (A).



SSLBD1162D

4. Installation is the reverse of removal.

Replace any damage clips.

021 62 99 92 92

BD-97

Interior

Center Pillar Trim Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not to bend or scratch the trim and ٠ panels.
- 1. Remove the front door scuff trim and rear door scuff trim.
- 2. Remove the seat belt lower anchor cover (A).
- 3. After loosening the mounting bolt, then remove the seat belt lower anchor (B).

Tightening torque :

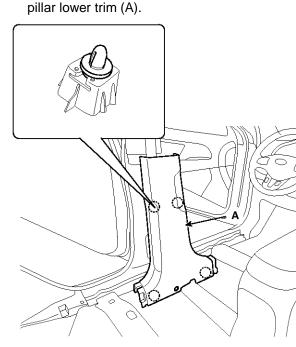
39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)

C

 \oslash

- - 5. After loosening the mounting bolts, then remove the center pillar upper trim (A).

SVGBD0179D



4. Using a screwdriver or remover, remove the center

SSLBD1163D

0

SSLBD1164D

6. Installation is the reverse of removal.

MNOTICE

• Replace any damaged clips.

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021 62 99 92 92

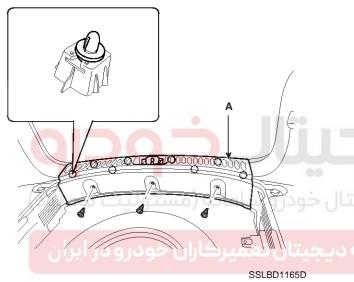
BD-98

Rear Pillar Trim Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the rear seat.

(Refer to the BD group – "Rear Seat")

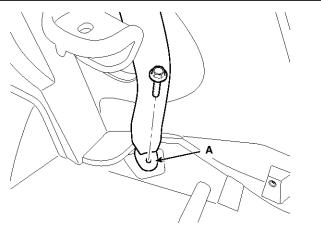
- 2. Remove the rear door scuff trim.
- 3. Detach the mounting clips, remove the transverse trim (A).



4. After loosening the mounting bolt, then remove the rear seat belt lower anchor (A).

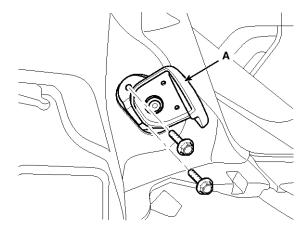
Tightening torque :

39.2 \sim 53.9 N.m (4.0 \sim 5.5 kgf.m, 28.9 \sim 39.8 lb-ft)



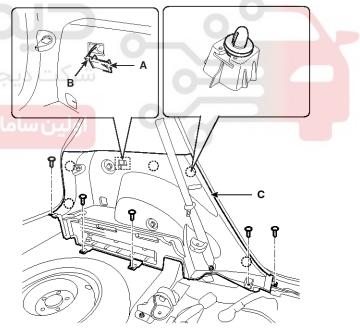
SSLBD1166D

- **Body (Interior and Exterior)**
 - 5. After loosening the mounting bolts, then remove the rear seat bracket (A).



SSLBD1167D

- 6. Using a screwdriver or remover, remove the lamp (A).
- 7. Disconnect the connector (B).
- 8. After loosening the mounting screws, then remove the luggage side trim (C).

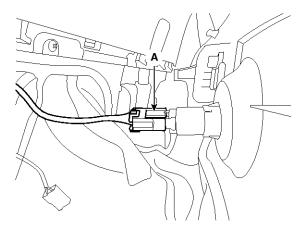


SSLBD1168D

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Interior

9. Disconnect the connector (A).



SSLBD1169D

10. After loosening the mounting screws and bolt, then remove the rear pillar trim (A).





SSLBD1170D

11. Installation is the reverse of removal.

WNOTICE

- Replace any damage clips.
- Make sure the connector is connected properly.

BD-99

021 62 99 92 92

BD-100

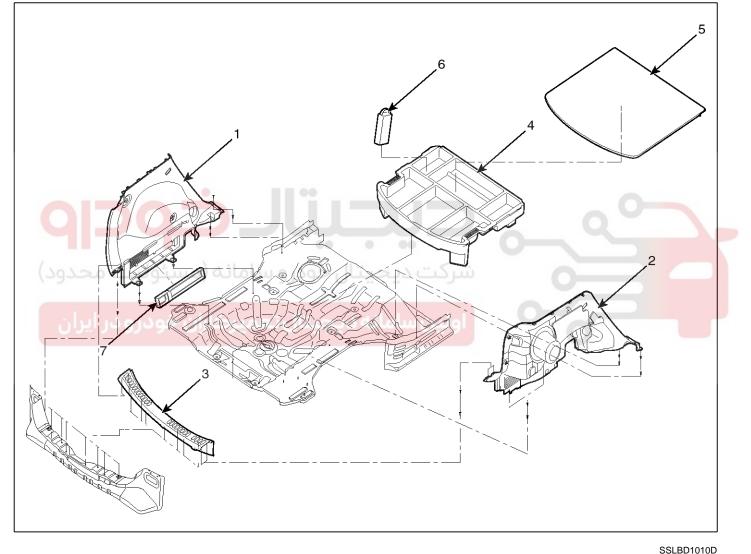
Luggage Side Trim Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not to bend or scratch the trim and panels.

Body (Interior and Exterior)

- Remove the rear seat.
 (Refer to the BD group "Rear Seat")
- 2. Remove the transverse trim.
- 3. Remove the rear door scuff trim.
- 4. After loosening the mounting screws, then remove the luggage side trim.
- 5. Installation is the reverse of removal.

• Replace any damage clips.



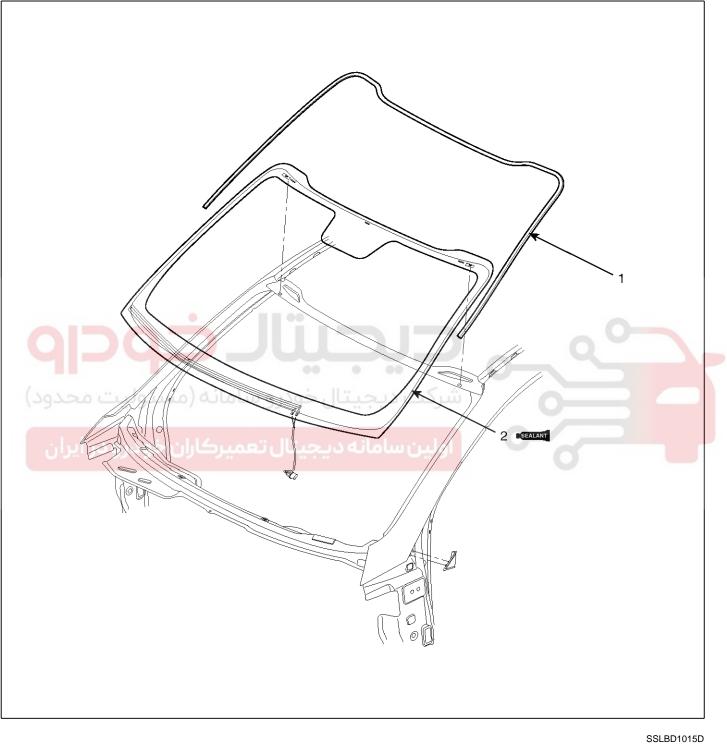
- 1. Luggage side trim [LH]
- 2. Luggage side trim [RH]
- 3. Rear transverse trim
- 4. Luggage center tray

- 5. Luggage covering board
- 6. First aid kit
- 7. Car warning triangle

Interior

Windshield Glass

Components



1. Windshield side molding

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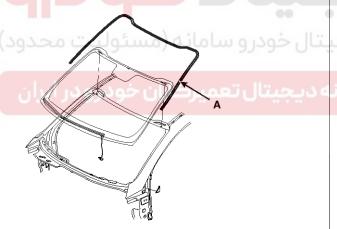
^{2.} Windshield glass

BD-102

Replacement

Removal

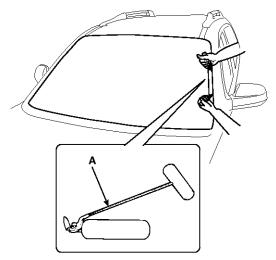
- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surfaces.
- 1. Remove the following items.
 - Front pillar trim (Refer to the BD group – "Interior Trim")
 - Inside rearview mirror (Refer to the BD group – "Mirror")
 - Rain sensor (Refer to the BE group – "Rain Sensor")
 - Wiper arm (Refer to the BD group – "Cowl Top Cover")
 - Cowl top cover (Refer to the BD group – "Cowl Top Cover")
 - Windshield glass deicer connector (Refer to the BE group – "Windshield Deicer")
- 2. Using a screwdriver or remover, remove the windshield side molding (A).



SSLBD1171D

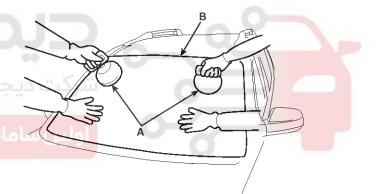
Body (Interior and Exterior)

3. Cut out the sealant using the sealant cutting tool(A)(09861-31100).



SYNBD0116L

4. Remove the windshield glass (B) carefully using the glass holder (A).



ASIE070D

021 62 99 92 92

Interior

BD-103

Installation

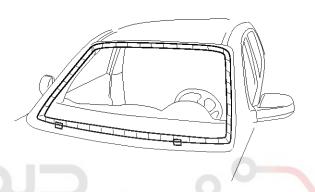
- 1. With a knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire windshield opening flange:
 - Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
 - Remove the rubber dam and fastereners from the body.
 - Mask off surrounding surfaces before painting
- 2. Clean the bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.
- 3. Install the windshield side molding (A) and fasteners. Do not allow any gaps.
 - القالم مال خودرو سامانه می خودرو در ایران دیجیتال تعمیر کارل خودرو در ایران

4. Install the spacer (A) install the windshield glass (B)

temporarily with marking sure to position them on the

- 5. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes.
 - Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
 - Never touch the primed surfaces with your hands.
 - Mask off the dashboard before painting the flange.

'//////// : Primer



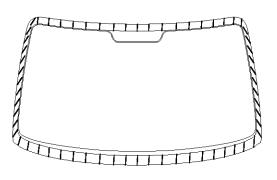
ASIE070G

Apply a light coat of glass primer to the outside of the fasteners.

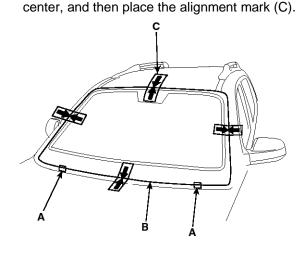
UNOTICE

- Never touch the primed surface with your hand If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the primer.

//////// : Primer



SBHBD8203L



SYNBD0280L

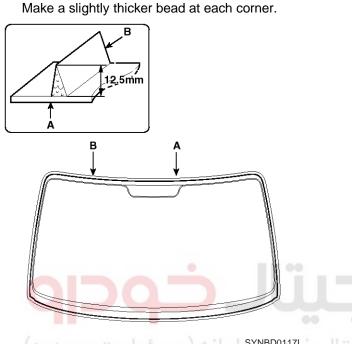
SSLBD1171D

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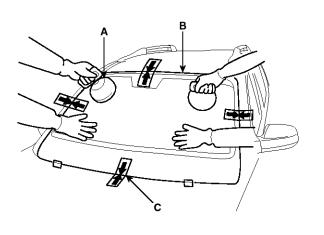
021 62 99 92 92

BD-104

7. Pack adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of adhesive (B) around the edge of the windshield (A) between the fastener and molding as shown. Apply the adhesive within 30 minutes after applying the glass primer.



8. Use suction cups (A) to hold the windshield (B) over the opening, align it with the alignment marks (C) made in step 15, and set it down on the adhesive. Lightly push on the windshield until its edges are fully seated on the adhesive all the way around. Do not open or close the doors until the adhesive is dry.



ASIE070J

Body (Interior and Exterior)

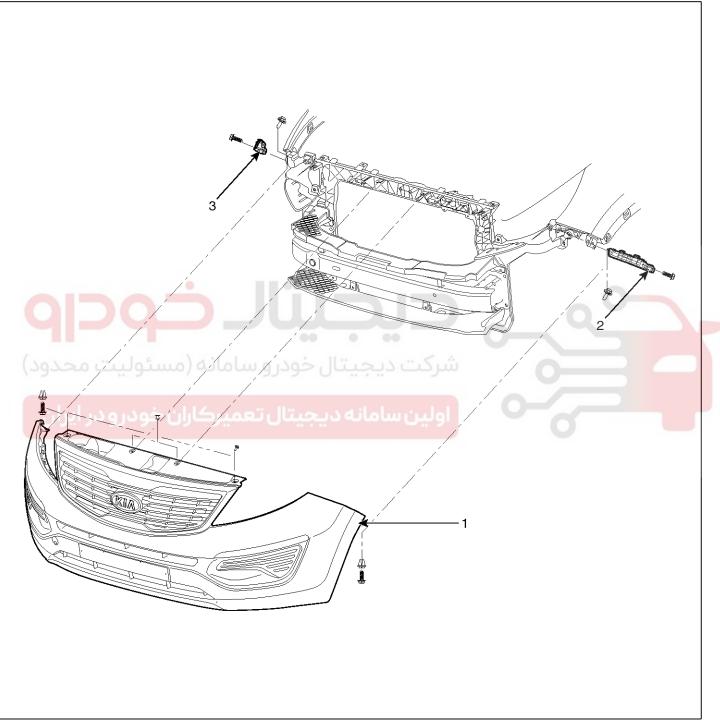
- Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the windshield, wipe with a soft shop towel dampened with alcohol.
- 10. Let the adhesive dry for at least one hour, then spray water over the windshield and check for leaks. Make leaking areas, and let the windshield dry, then seal with sealant:
 - Let the vehicle stand for at least four hours after windshield installation. If the vehicle has to be used within the first four, it must be driven slowly.
 - Keep the windshield dry for the first hour after installation.
- 11. Reinstall all remaining removed parts. Install the rearview mirror after the adhesive has dried thoroughly. Advise the customer not to do the following things for two the three days:
 - Slam the door with all the windows rolled up.
 - Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads)
- 12. Installation the following items.
 - Windshield glass deicer connector
 - (Refer to the BE group "Windshield Deicer")
 - Cowl top cover
 - (Refer to the BD group "Cowl Top Cover")
 - Wiper arm
 - (Refer to the BD group "Cowl Top Cover")
 - Rain sensor
 - (Refer to the BE group "Rain Sensor")
 - Inside rearview mirror (Refer to the BD group – "Mirror")
 - Front pillar trim (Refer to the BD group – "Interior Trim")

Bumper

Bumper

Front Bumper

Components-1



SSLBD1011D

1. Front bumper cover

3. Front bumper side bracket [RH]

2. Front bumper side bracket [LH]

BD-105

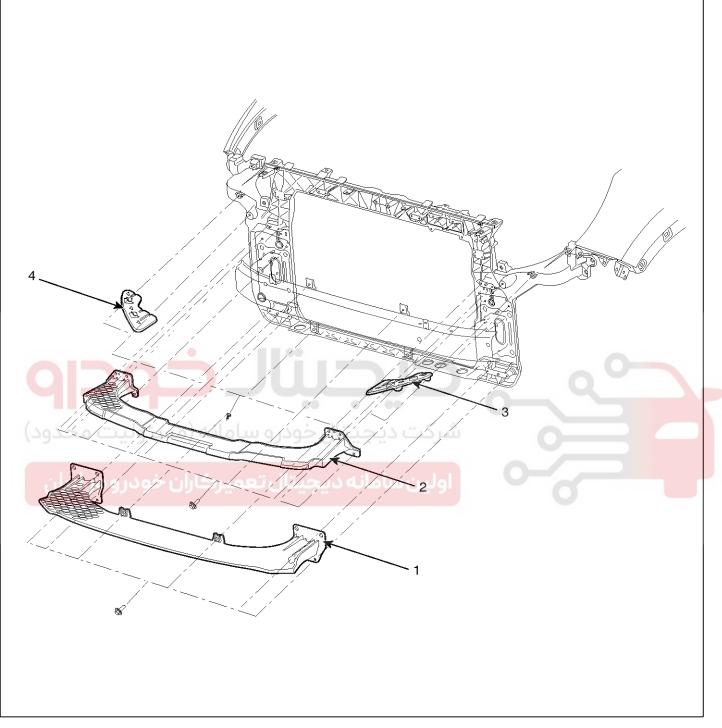
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BD-106

Body (Interior and Exterior)

Components-2



SSLBD1012D

- 1. Front bumper lower stiffener
- 2. Front bumper upper stiffener

- 3. Front bumper upper side braket [LH]
- 4. Front bumper upper side braket [RH]

Bumper

Components-3



Front bumper cover
 Front bumper side bracket [LH]

3. Front bumper side bracket [RH]

BD-107

2

021 62 99 92 92

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SSLBD1013D

BD-108

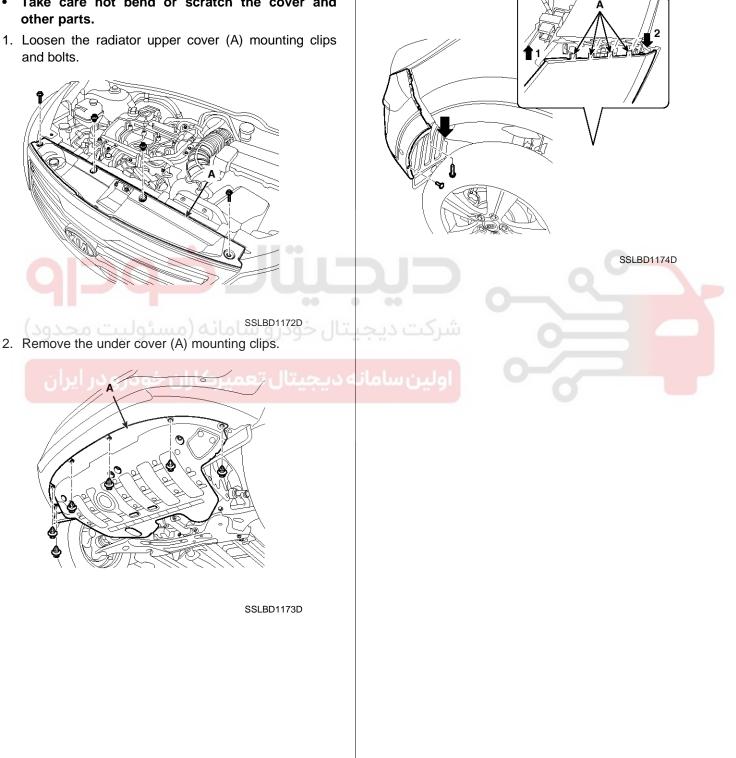
Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not bend or scratch the cover and ٠ other parts.
- 1. Loosen the radiator upper cover (A) mounting clips and bolts.



3. After loosening the front bumper side's mounting screw, then disconnect the side's.

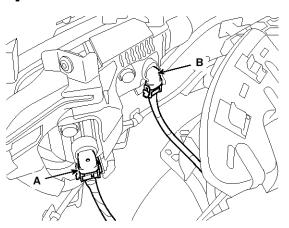
• When you pull out the front bumper, the front bumper could be damaged by the projection (A).



Bumper

- 4. Disconnect the fog lamp (A), turn signal lamp (B), front sensor (C).
- 5. Remove the front bumper.

[LH]



[RH]

SSLBD1175D



SSLBD1176D

6. Installation is the reverse of removal.

WNOTICE

- Make sure the connector is plugged in properly.
- Replace any damage clips.

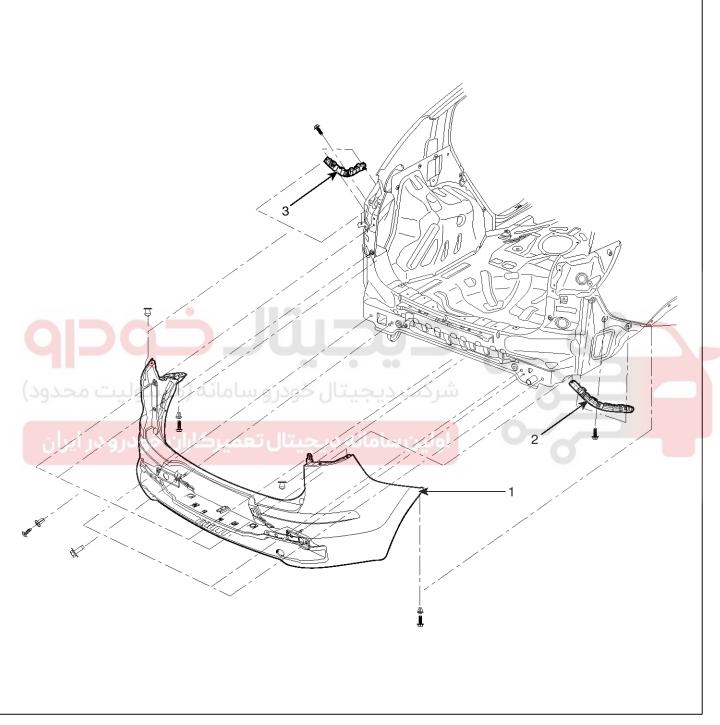
BD-109

BD-110

Body (Interior and Exterior)

Rear Bumper

<u>Components</u>



SSLBD1014D

- 1. Front bumper cover
- 2. Front bumper side bracket [RH]

3. Front bumper side bracket [LH]

BD-111

Bumper

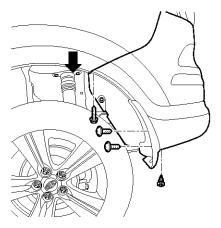
Replacement

- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trip pieces to without marring the surface.
- Take care not bend or scratch the cover and ٠ other parts.
- 1. After loosening the mounting screws, then remove the rear combination lamp (A).
- 2. Push the lock pin, disconnect the connector (B).



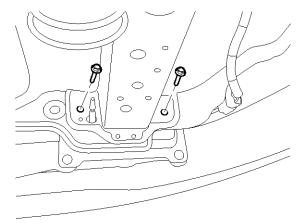
SSLBD1177D

3. After loosening the rear bumper side's mounting screws and clip, then disconnect the side's.



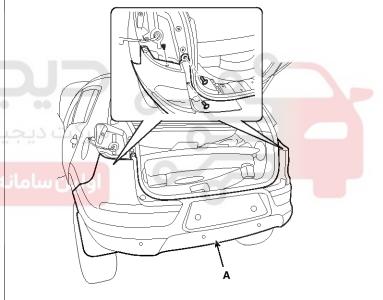
SSLBD1178D

4. Loosen the mounting bolts.



SSLBD1179D

5. After loosening the mounting screws and clip, then remove the rear bumper (A).



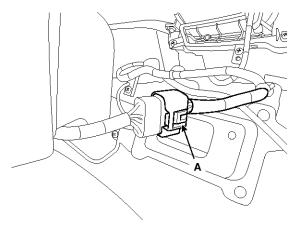
SSLBD1180D

021 62 99 92 92

BD-112

Body (Interior and Exterior)

6. Push the lock pin, disconnect the rear bumper main connector (A).



SSLBD1181D

7. Installation is the reverse of removal.

WNOTICE

- Make sure the connector is plugged in properly.
- Replace any damage clips.



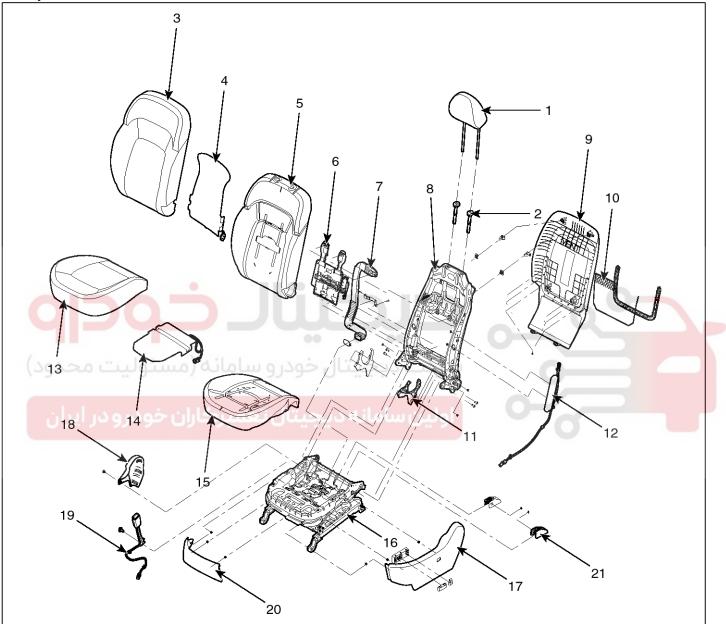


Seat & Power Seat

Seat & Power Seat

Front Seat

Components



- 1. Headrest
- 2. Headrest guide
- 3. Front seat back cover
- 4. Front seat back heater
- 5. Front seat back pad
- 6. Front seat back power lumbar
- 7. Front seat back duct

- 8. Front seat back frame
- 9. Front seat back cover
- 10. Front seat map pocket
- 11. Front inside cover
- 12. Front airbag module
- 13. Front seat cushion cover
- 14. Front seat cushion heater

- SSLBD1016D
- 15. Front seat cushion pad
- 16. Front seat cushion frame
- 17. Front shield outer cover
- 18. Front shield inner cover
- 19. Front seat buckle
- 20. Front shield cover
- 21. Front foot cover

BD-113

BD-114

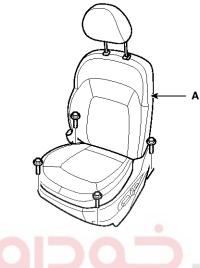
Replacement

Seat Assembly Replacement

- 1. Remove the front foot cover.
- 2. After loosening the front seat assembly mounting bolts, remove the front seat assembly (A).

Tightening torque :

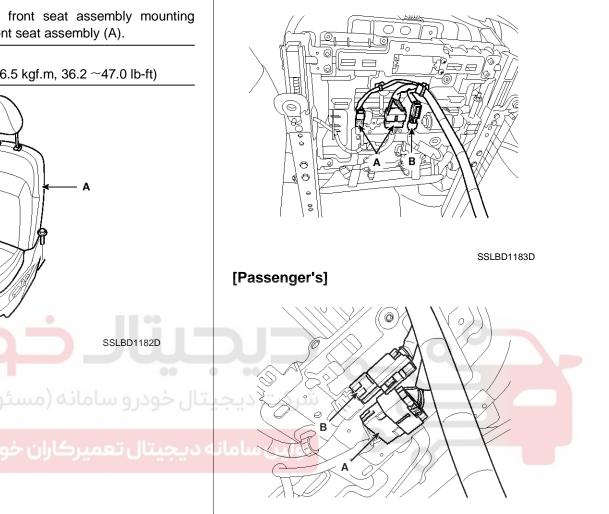
49.0 ~ 63.7 N.m (5.0 ~ 6.5 kgf.m, 36.2 ~47.0 lb-ft)



Body (Interior and Exterior)

3. Disconnect the power seat connectors (A), airbag connector (B).

[Driver's]



SSLBD1184D

4. Installation is the reverse of removal.

Seat Mounting Bolt Installation Procedure

- Set the into the most rearward position. Check then each slide is locked, and then Tighten the front mounting bolt temporarily.
- Set the seat into most forward position. Check that each slide is locked, and then Tighten the rear mounting bolt completely.
- Set the seat into the most rearward position. Check the front mounting bolt completely.
- Check that the seat operates back and forth smoothy and the locking portion locks properly.

BD-115

021 62 99 92 92

Seat & Power Seat

Front Shield Outer Cover Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.
- 1. Remove the recliner switch (A) and height switch (B).
- G. (Gefferde В SSLBD1187D 4. Disconnect the connector (A). SSLBD1185D 2. Using a screwdriver or remover, remove the front shield cover (A). SSLBD1188D 5. Installation is the reverse of removal. **WNOTICE** Make sure the connectors are plugged in Α properly. SSLBD1186D • Replace any damage clips.
- 3. Using a screwdriver or remover, remove the front shield outer cover (A).



021 62 99 92 92

BD-116

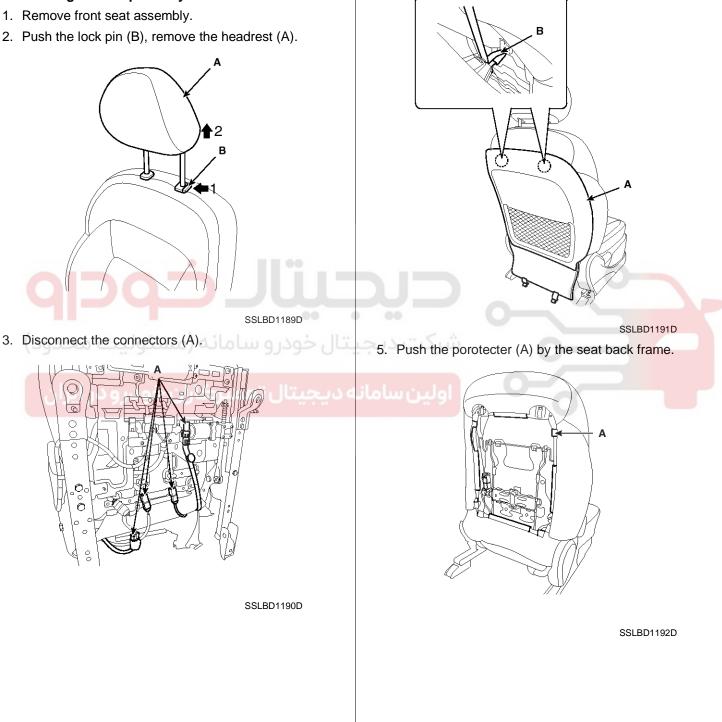
Seat Back Cover Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands. •
- 1. Remove front seat assembly.
- 2. Push the lock pin (B), remove the headrest (A).

Body (Interior and Exterior)

4. Push the clips (B), from the front seat back cover (A).

- Push the middle area of clip using the flat head screwdriver.
- Be careful not to damage the clips.

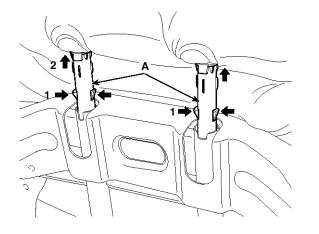


BD-117

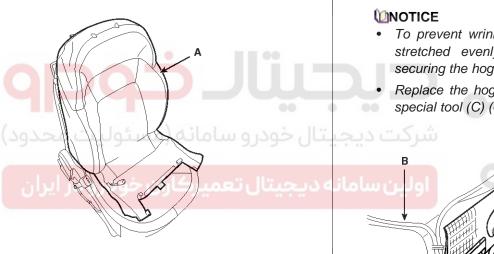
021 62 99 92 92

Seat & Power Seat

6. Pull out the headrest guides (A) while pinching the end of the guides, and remove them.

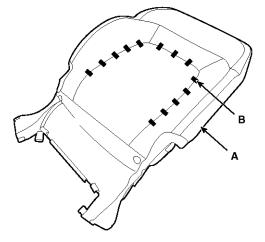


SYFBD0210D 7. Remove the seat back cover (A) from the frame.



SSLBD1193D

8. After removing the hog ring clips (B) on the front of seat back and remove the seat back cover (A).



SSLBD1194D

- 9. Installation is the reverse of removal.
 - To prevent wrinkles, make sure the material is stretched evenly over the cover (B) before securing the hog ring clips (A).
 - Replace the hog ring clips with new ones using special tool (C) (09880-4F000).

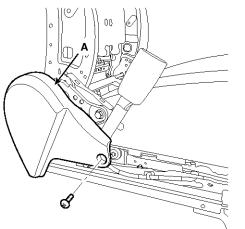
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KSHE502F

BD-118

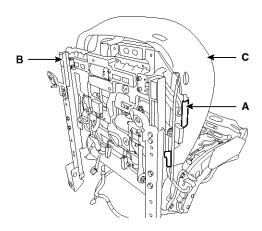
Seat Cushion Cover Replacement

- 1. Remove front seat assembly.
- 2. Remove the front shield outer cover.
- 3. After loosening the mounting screw, then remove the front shield inner cover (A).



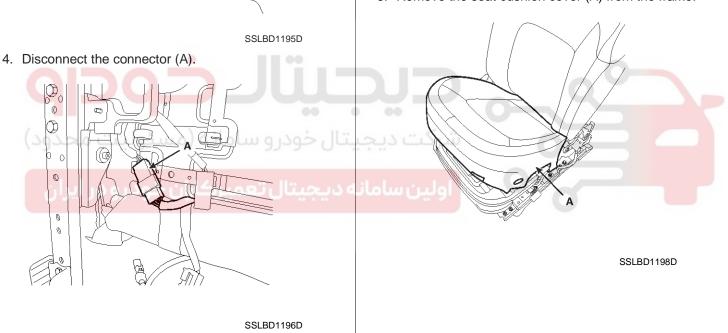
Body (Interior and Exterior)

5. Push the protecter (A) and then seat cushion cover (C) from the frame (B).



SSLBD1197D

6. Remove the seat cushion cover (A) from the frame.



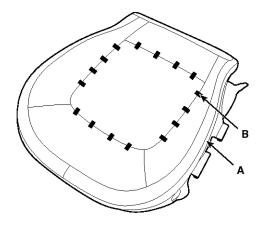
021 62 99 92 92

BD-119

SSLBD1200D

Seat & Power Seat

7. After removing the hog ring clips (B) on the front of seat cushion and remove the seat cushion cover (A).

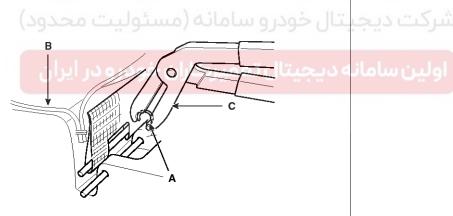


SSLBD1199D

8. Installation is the reverse of removal.

WNOTICE

- To prevent wrinkles, make sure the material is stretched evenly over the cover (B) before securing the hog ring clips (A).
- Replace the hog ring clips with new ones using special tool (C) (09880-4F000).



KSHE502F

Seat Frame Replacement

- 1. Remove the following items.
 - Front seat
 - Seat back cover
 - Seat cushion cover
- 2. After loosening the mounting screw, then remove the front shield inner cover (A).

021 62 99 92 92

BD-120

Body (Interior and Exterior)

- 3. Disconnect the connector (C).
- 4. After loosening the mounting bolts, then disconnect the seat back frame (A) and seat cushion frame (B).

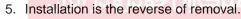
- Remove the side airbag for replacing side airbag installation seat.
- Before service, be fully aware of precautions and service procedure relevant to airbag.

(Refer to the RT group - "Airbag")

Tightening torque :

 $\underline{49.0 \sim 63.7 \text{ N.m} (5.0 \sim 6.5 \text{ kgf.m}, 36.2 \sim 47.0 \text{ lb-ft})}$





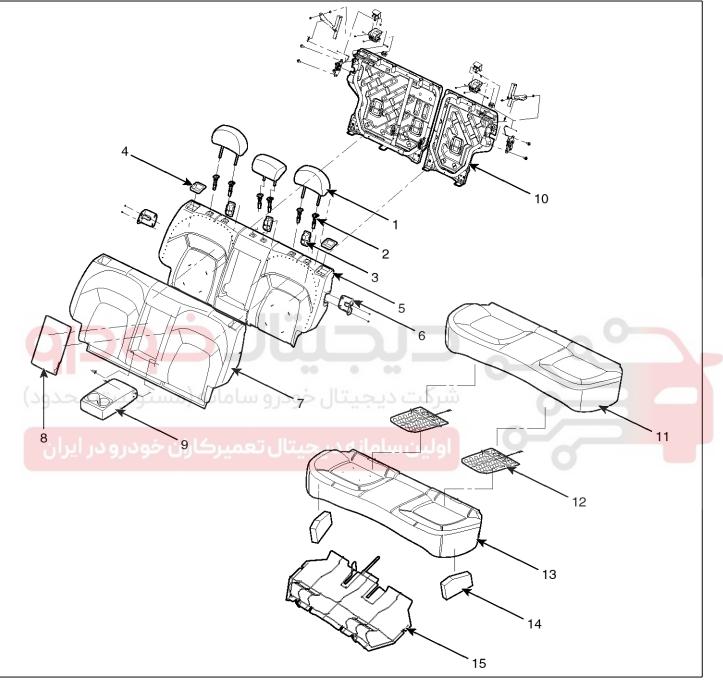
- Remove the side airbag for replacing side airbag installation seat.
- Before service, be fully aware of precautions and service procedure relevant to airbag. (Refer to the RT group - "Airbag")



Seat & Power Seat

Rear Seat

Components



- 1. Headrest
- 2. Headrest guide
- 3. Tether anchor garnish
- 4. Upper bezel
- 5. Rear seat back pad
- 6. Latch cover
- 7. Rear seat back cover
- 8. Armrest board
- 9. Rear armrest
- 10. Rear seat back frame

SSLBD1017D

- 11.Rear seat cushion cover
- 12. Rear seat cushion warmer
- 13. Rear seat cushion pad
- 14. Insert pad rear cushion
- 15. Rear seat cushion frame

021 62 99 92 92

BD-121

BD-122

Replacement

Seat Assembly Replacement

1. After loosening the mounting bolt, then remove the rear seat cushion (A).

Tightening torque :

49.0 \sim 63.7 N.m (5.0 \sim 6.5 kgf.m, 36.2 \sim 47.0 lb-ft)

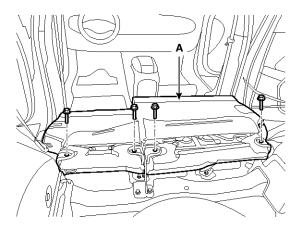
• Remove the rear cushion to direction of the arrow.



- **Body (Interior and Exterior)**
 - 3. After loosening the mounting bolts, then remove the rear seat back (A).

Tightening torque :

49.0 ~ 63.7 N.m (5.0 ~ 6.5 kgf.m, 36.2 ~ 47.0 lb-ft)



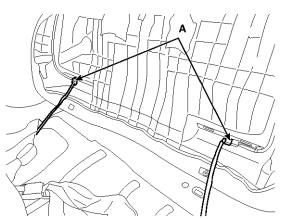
SSLBD1204D

4. Installation is the reverse of removal.

Make sure the connector is connected properly.

SSLBD1202D

Disconnect the rear seat cushion warmer connectors (A).



SSLBD1203D

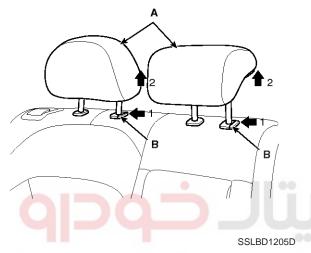
BD-123

021 62 99 92 92

Seat & Power Seat

Seat Back Cover Replacement [RH]

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- 1. Remove the rear seat assembly.
- 2. Push the lock pin (B) and then remove the headrest (A).

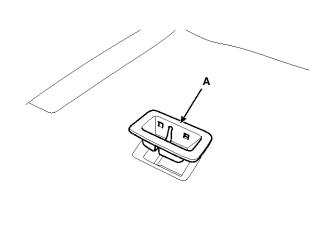


3. Push the hook (B) and then reomve the upper bezel (A).



SSLBD1206D

4. Using a screwdriver or remover, remove the tether anchor garnish (A).



SSLBD1207D

5. After loosening the mounting screws, then remove the latch cover (A).

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SSLBD1208D

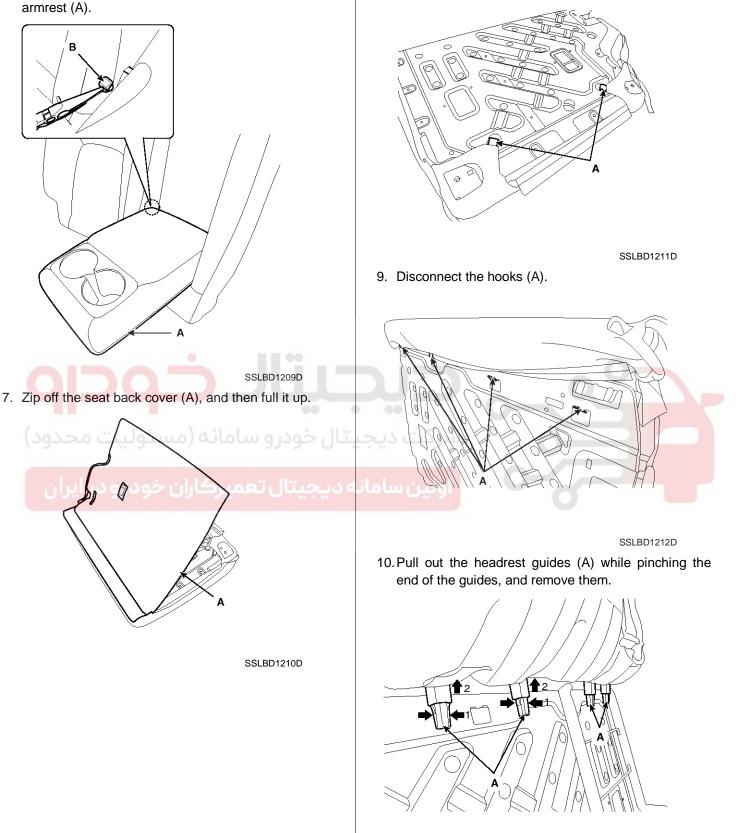
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BD-124

6. Using a long nose, remove the rock pin (B) and armrest (A).

Body (Interior and Exterior)

8. Disconnect the protector (A).



SSLBD1213D

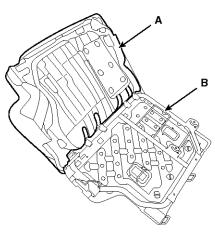
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Seat & Power Seat

11. Remove the seat back cover (A) from the seat back frame (B).



SSLBD1214D

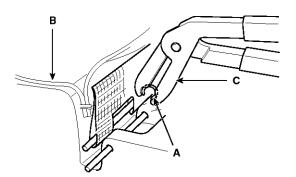
12. After removing the hog ring clips (B) on the rear of seat back, remove the seat back cover (A).

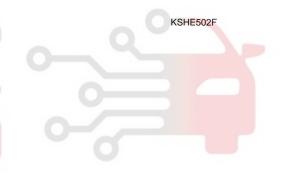
в

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13. Installation is the reverse of removal.

- To prevent wrinkles, make sure the material is stretched evenly over the cover (B) before securing the hog ring clips (A).
- Replace the hog ring clips with new ones using special tool [C (09880-4F000)].



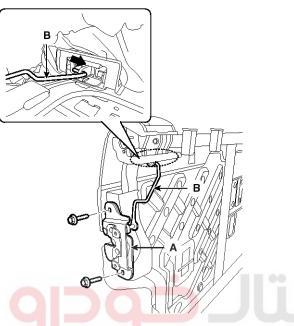


SSLBD1215D

BD-126

Rear Seat Latch Replacement

- 1. Remove the seat back cover.
- 2. After loosening the mounting bolts and then disconnecting the rod (B).
- 3. Remove the rear seat latch (A).



SSLBD1216D 4. Installation is the reverse of removal.

Body (Interior and Exterior)

Seat Back Cover Replacement [LH]

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- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- 1. Remove the rear seat assembly.
- 2. Push the lock pin (B) and then remove the headrest (A).

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SSLBD1217D

3. Push the hook (B) and then remove the upper bezel (A).

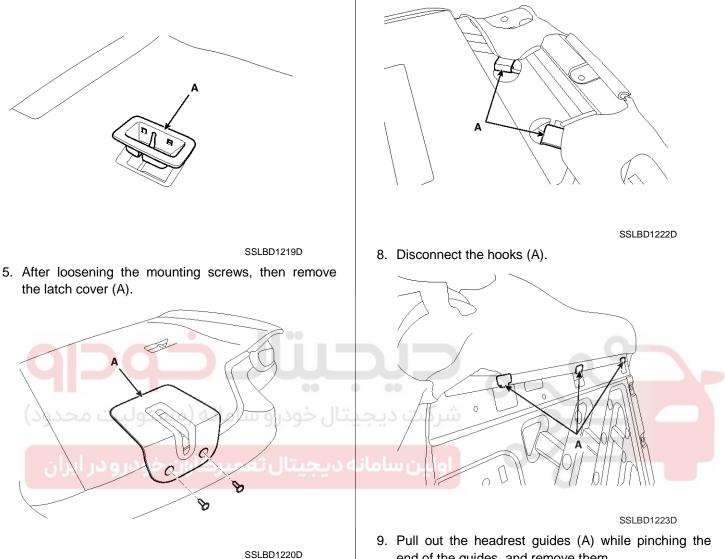
ولین سامان<mark>ه دیجیتال تعمیرکاران خودرو در</mark> ایران



SSLBD1218D

BD-127

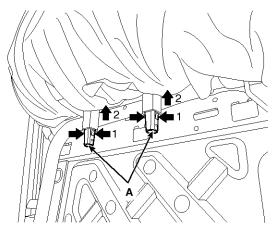
- Seat & Power Seat
- 4. Using a screwdriver or remover, remove the tether anchor garnish (A).
- 7. Disconnect the protector (A).



6. Zip off the seat back cover (A), and then full it up.

SSLBD1221D

end of the guides, and remove them.



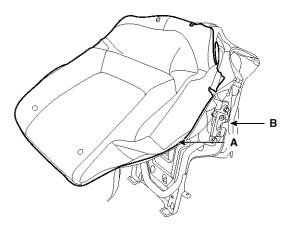
SSLBD1224D

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BD-128

10.Remove the seat back cover (A) from the seat back frame (B).



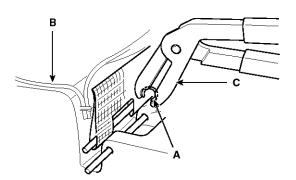
SSLBD1225D

11. After removing the hog ring clips (B) on the rear of seat back, remove the seat back cover (A).

Body (Interior and Exterior)

12. Installation is the reverse of removal.

- To prevent wrinkles, make sure the material is stretched evenly over the cover (B) before securing the hog ring clips (A).
- Replace the hog ring clips with new ones using special tool [C (09880-4F000)].





SSLBD1226D

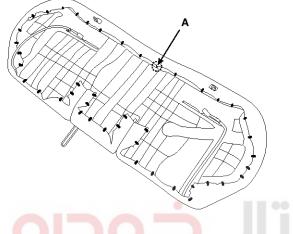
BD-129

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Seat & Power Seat

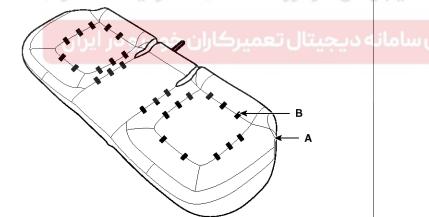
Rear Seat Cushion Cover Replacement

- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damaged.
- Put on gloves to protect your hands.
- 1. Remove the rear seat cushion.
- 2. Remove the hog ring clips (A).



SSLBD1227D

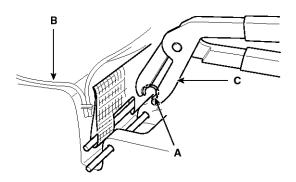
3. After removing the hog ring clips (B) on the rear of seat cushion, remove the seat cushion cover (A).



SSLBD1228D

4. Installation is the reverse of removal.

- To prevent wrinkles, make sure the material is stretched evenly over the cover (B) before securing the hog ring clips (A).
- Replace the hog ring clips with new ones using special tool [C (09880-4F000)].





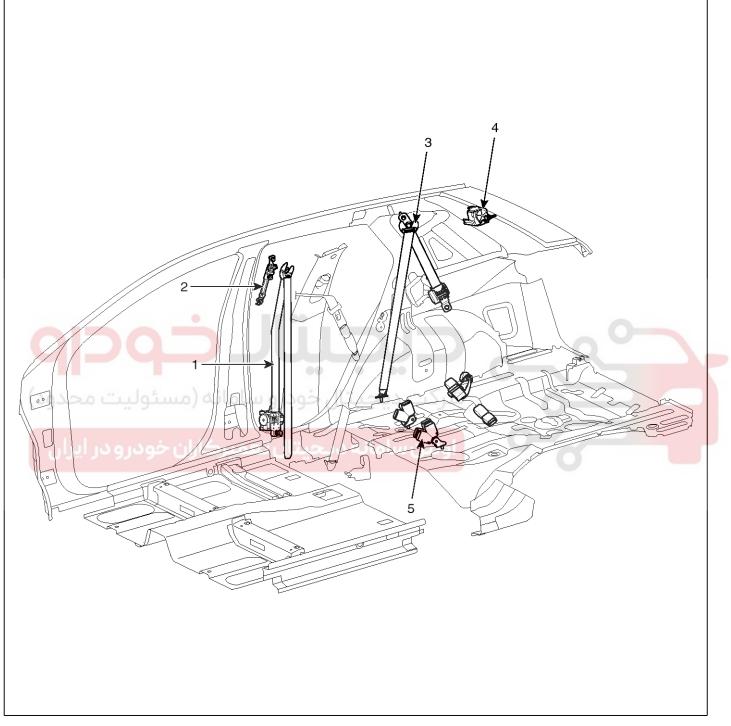
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BD-130

Body (Interior and Exterior)

Seat Belt

Components



SSLBD1018D

- 1. Front seat belt
- 2. Height adjuster
- 3. Rear seat belt

- 4. Rear seat belt [Center]
- 5. Rear seat belt buckle

Seat Belt

Replacement

Front Seat Belt Replacement

- When installing the belt, make sure not to damaged the pretensioner.
- 1. Remove the following items first :
 - Front seat assembly • (Refer to the BD group - "Front Seat")
 - Front door scuff trim & Rear door scuff trim ٠ (Refer to the BD group - "Interior Trim")
- 2. Remove the seat belt lower anchor cover (A).
- 3. After loosening the mounting bolt, then remove the seat belt lower anchor (B).

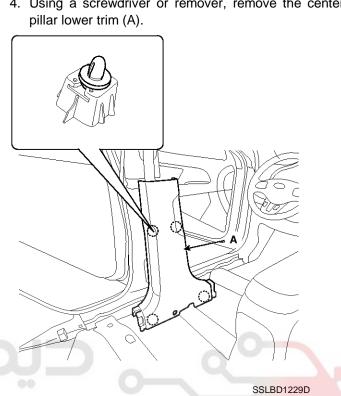
B

Tightening torque :

 $39.2 \sim 53.9 \text{ N.m}$ ($4.0 \sim 5.5 \text{ kgf.m}$, $28.9 \sim 39.8 \text{ lb-ft}$)

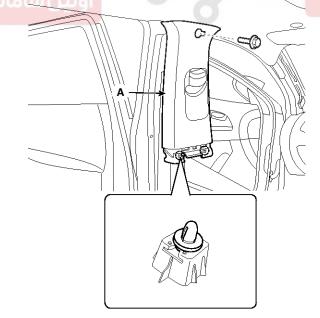
4. Using a screwdriver or remover, remove the center pillar lower trim (A).

BD-131



5. After loosening the mounting bolts, then remove the center pillar upper trim (A).

SVGBD0179D



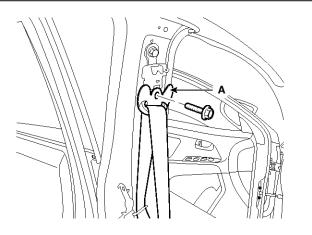
SSLBD1230D

BD-132

6. After loosening the mounting bolt, then remove the front seat belt upper anchor (A).

Tightening torque :

 $39.2 \simeq 53.9 \text{ N.m}$ (4.0 $\sim 5.5 \text{ kgf.m}, 28.9 \sim 39.8 \text{ lb-ft}$)



SSLBD1231D

SSLBD1232D

 After disconnecting the pretensioner connector lock pin, remove the SIS connector (A), loosen the mounting bolt, then remove the pretensioner (B).

R

Tightening torque :

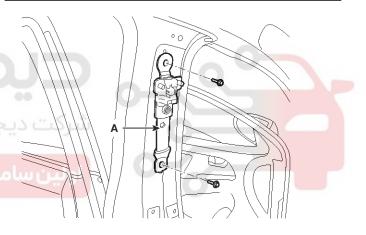
39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)

Body (Interior and Exterior)

Height Adjust Replacement

- 1. Remove the following items first :
 - Front seat assembly (Refer to the BD group – "Front Seat").
 - Front door scuff trim & Rear door scuff trim (Refer to the BD group "Interior Trim")
 - Front seat belt lower anchor
 - Center pillar lower trim (Refer to the BD group - "Interior Trim")
 - Center pillar upper trim
 (Refer to the BD group "Interior Trim")
 - Front seat belt upper anchor
- 2. After loosening the bolts, then remove the height adjustor (A).

Tightening torque : $39.2 \sim 53.9$ N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



SSLBD1233D

3. Installation is the reverse of removal.

- Replace ant damaged clips.
- Make sure the height adjust properly.

8. Installation is the reverse of removal.

Seat Belt

Front Seat Belt Buckle Replacement

- 1. Remove the following items first :
 - Front seat assembly
 - (Refer to the BD group "Front Seat")
- 2. After loosening the mounting bolt, then remove the front seat belt buckle (A).

Tightening torque :

39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)





BD-133

BD-134

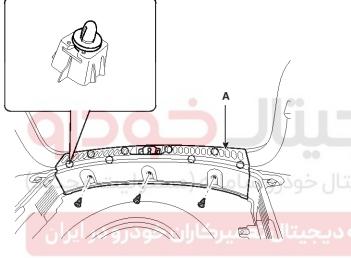
Body (Interior and Exterior)

Rear Seat Belt

Replacement

Rear Seat Belt Replacement

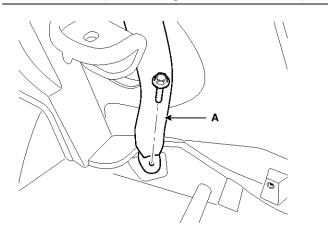
- When installing the belt, make sure not to damaged the retractor.
- 1. Remove the following items first.
 - Rear seat assembly (Refer to the BD group - "Rear Seat")
 - Front door scuff trim & Rear door scuff trim (Refer to the BD group "Interior Trim")
- 2. Remove the clips and rear transverse trim (A).



SSLBD1235D

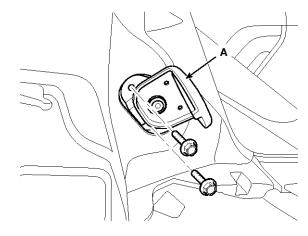
3. After loosening the mounting bolt, then remove the rear seat belt lower anchor (A).

Tightening torque : 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



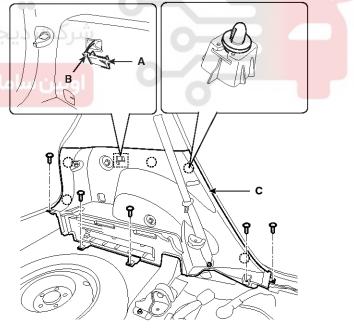
SSLBD1236D

4. After loosening the mounting bolts, then remove the rear seat mounting bracket (A).



SSLBD1237D

- 5. Using a screwdriver or remover, remove the lamp (A).
- 6. Disconnect the connector (B).
- 7. After loosening the mounting screws, then remove the luggage side trim (C).



SSLBD1238D

BD-135

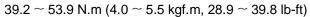
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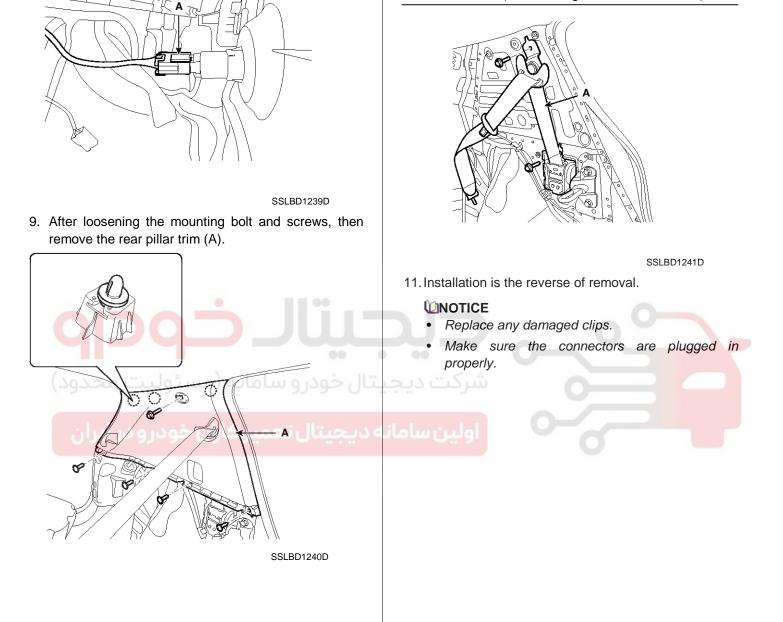


8. Disconnect the connector (A).

10. After loosening the mounting bolts, then remove the rear seat belt (A).

Tightening torque :





BD-136

Body (Interior and Exterior)

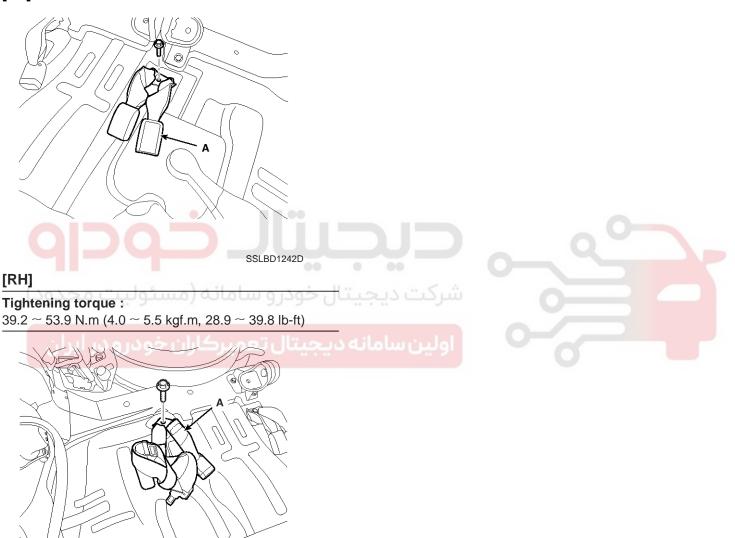
Rear Seat Belt Buckle Replacement

- Remove the rear seat.
 (Refer to the BD group "Rear Seat")
- 2. After loosening the mounting bolt, then remove the rear seat belt buckle (A).

Tightening torque :

39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)

[LH]



SSLBD1243D

3. Installation is the reverse of removal.