BD-2

Body (Interior and Exterior)

General Information

Specifications

Hood	Туре	Rear hinged, gas lifter type
	Construction	Front hinged, full door construcation
Front Door	Regulator system	Wire drum type
	Locking system	Pin-fork system
	Construction	Front hinged, full door construction
Rear Door	Regulator system	Wire drum type
	Locking system	Pin-fork system
Tailgate	Туре	Inner hinged, gas lifter
Glass Thicknes	Windshield glass	5mm
	Front door glass	3.5mm
	Rear door glass	3.5mm
	Rear window glass	3.2mm
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 (C.T.R)

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

General Information

Tightening Torque

	BD-3

Item	S	N.m	Kgf.m	Lbf.ft
	Door hinge to body	21.6~26.5	2.2~2.7	15.9~19.5
	Door hinge to door	21.6~26.5	2.2~2.7	15.9~19.5
Front and rear doors	Striker	16.7~21.6	1.7~2.2	12.3~15.9
	Checker to body	21.6~22.6	2.2~2.3	15.9~16.6
	Checker to door	3.9~5.9	0.4~4.6	2.9~4.3
	Tail gate hinge to body	21.6~26.5	2.2~2.7	15.9~19.5
Tail gate	Taill gate hinge to tail g- ate	21.6~26.5	2.2~2.7	15.9~19.5
	Hood hinge to body	21.6~26.5	2.2~2.7	15.9~19.5
Hood	Hood hinge to hood	21.6~26.5	2.2~2.7	15.9~19.5
	Hood latch to body	6.9~8.8	0.7~0.9	5.1~6.5
	Front seat mounting bol- ts	39.2~53.9	4.0~5.5	28.9~39.8
Seat	Rear seat mounting bol- ts	34.3~53.9	3.5~5.5	25.3~39.8
	Rear seat frame mounti- ng bolts	34.3~53.9	3.5~5.5	25.3~39.8
سئوليت محدود)	Front seat belt height a- djuster	39.2~53.9	4.0~5.5	28.9~39.8
ن خودرو در ایران	Front seat belt buckle mounting bolt	39.2~53.9	4.0~5.5	28.9~ <mark>39.8</mark>
	Front seat belt anchor mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
Seat belt	Front seat belt lower an- chor	39.2~53.9	4.0~5.5	28.9~39.8
	Front seat belt upper a- nchor	39.2~53.9	4.0~5.5	28.9~39.8
	Rear seat belt anchor a- ttaching 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	28.9~39.8

BD-4

Body (Interior and Exterior)

Troubleshooting

Symptom	Suspect Area	Remedy
	Dirt accumulated in drain tube	Clear dirt inside of drain
Water leaks from sunroof	Clogged drain tube	Blow air into drain to remove dirt
	Broken or dislocated drain tube, defec- tive or cracked clip	Check tube installation and flange con- tact
	Deteriorated roof lid weatherstrip	Replace
	Excessive roof lid-to-body clearance a- nd improperly fitted weatherstrip	Adjust
Wind noise around sunroof	Loosen or deformed deflector, gaps in body work	Retighten adjust or replace
Sunroof lid makes a noise when move	Foreign particles lodged in guide rail	Check drive cable and guide rails for f- oreign particles
	Loosen guide rails and lid	Retighten
	Foreign particles lodged in guide rail	Check drive cable and guide rails for f- oreign particles
Motor runs but sunroof does not move or moves only partially	Incorrect engagement of motor pinion with drive cable	Check for loosen motor installation and damaged pinion
	Decrease in motor's clutch slipping fo- rce	Adjust
امانه (مسئولیت محدود) میرکاران خودر و در ایران	Increased sunroof sliding resistance or interference of sunroof with drive cabl- es, weatherstrip, etc. due to mal adjus- tment of sunroof	Adjust or replace
Noise in motor (clutch slipping noise fr- om motor when sunroof is fully opened or closed is not an unusual noise	Incorrect engagement of motor pinion With drive cable	Check pinion installation and Retighten motor
	Worn out or damaged motor pinion be- aring	Replace motor assembly
	Worn out or deformed drive cable	Replace
Deer gloss fails to sporets up and do	Incorrect window glass installation	Adjust position
Door glass fails to operate up and do- wn	Damaged or faulty regulator arm or re- gulator	Correct or replace
Door does not open or close complete- ly	Incorrect door installation	Adjust position
	Defective door check assembly	Correct or replace
	Door hinge requires grease	Apply grease
	Striker and latch not properly aligned	Adjust
Hood does not open or close complet- ely	Incorrectly installed hood	Adjust
Ciy	Incorrect hood bumper height	Adjust
Water leak through windshield end re-	Defective seal	Fill with sealant
ar window	Defective flange	Correct
		•

021-62999292

General Information

BD-5

Special Service Tools

Tool (Number and name)	Illustration	Use
09793-2100 Door hinge adjusting wrench		Adjustment, removal and installation of the door hinge
09800-21000 Ornament remover		Trim removal
09853-31000 Headliner clip remover		Removal of the headliner clips
09861-31100 Sealant cut-out tool مسئول میرکاران خودرو در ایران		Cutting the sealant of the windshield (Use with 09861-31200)
09861-31200 Sealant cutting blade	000	Cutting the sealant of the windshield (Use with 09861-31100)
09861-31000 Windshield molding remover		Removal of the windshield molding

BD-6

Body (Interior and Exterior)

Tool (Number and name)	Illustration	Use
09880-4F000 Hog ring clip installer		Installation of the hog ring clip



اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

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Exterior

Exterior

Hood

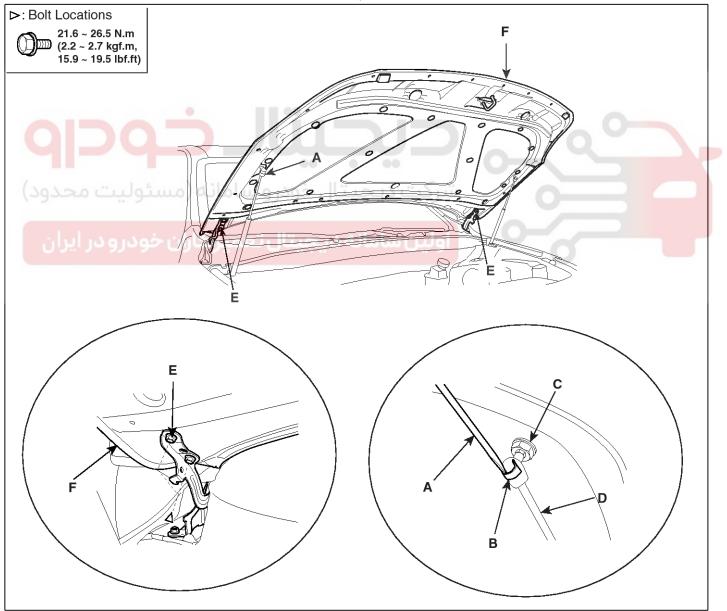
Replacement

Hood Assembly Replacement

- When removing and installing the hood, an assistant is necessary.
- Take care not to damage the hood and body.
- When removing the clips, use a clip remover.
- 1. Using a screwdriver (A), lift up slightly the socket clips (B) of both ends on the lifter (D), and then remove the lifter from the bracket (C).

- 2. After loosening the hood hinge (E) mounting bolts, remove the hood (F).
- 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-7

SENBD7002L

BD-8

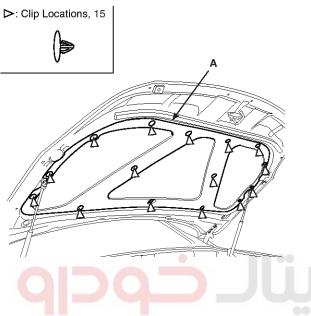
Body (Interior and Exterior)

Hood Insulator Replacement

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

WNOTICE

• Take care not to scratch the hood panel.



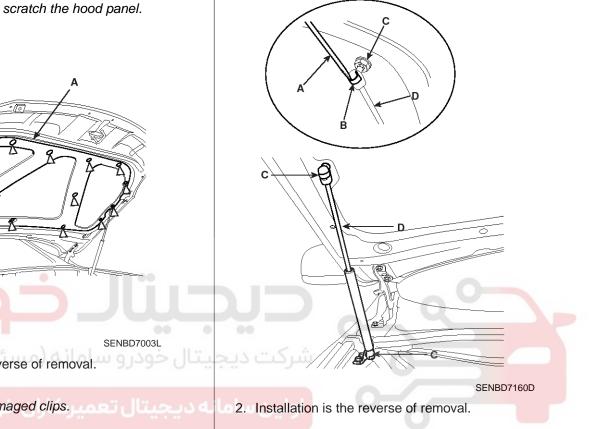
2. Installation is the reverse of removal.

NOTICE

Replace any damaged clips.

Hood Lift Replacement

1. Using a screwdriver (A), lift up slightly the socket clips (B) of both ends on the lifter (D), and then remove the lifter from the bracket (C).



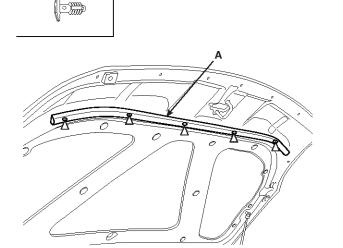
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BD-9

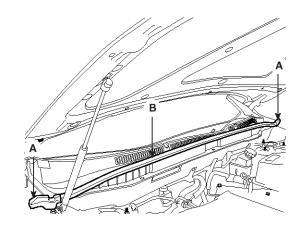
Exterior

Hood Seal Weatherstrip Replacement

- 1. Detach the clips, then remove the hood weatherstrip(A). Take care not to scratch the hood.
- Clip Locations



- Hood Weatherstrip Replacement
- 1. Remove the hood weatherstrip (A).



SENBD8212D

2. Installation is the reverse of removal.



Replace any damaged clips.

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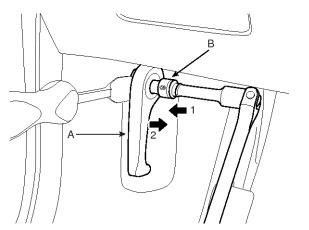


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BD-10

Hood Release Handle Replacement

1. Using a socket (B), remove the hood release handle (A).



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2. Installation is the reverse of removal.

WNOTICE

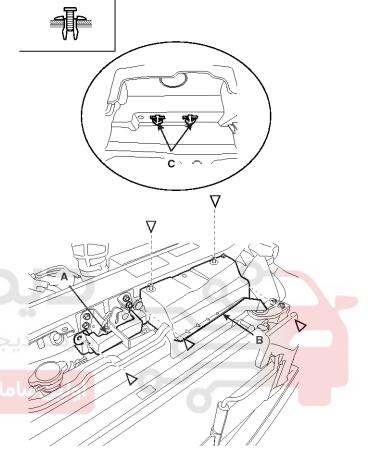
- Make sure the hood latch cable is connected
 properly.
- Make sure the hood locks securely.

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Body (Interior and Exterior)

Hood Latch Replacement

- 1. Remove the front bumper cover.
- 2. Remove the duct (B).
- 3. Detach the clips (C), then remove the hood latch cover (A).
- Clip Locations

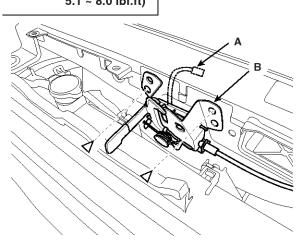


SENBD7006L

Exterior

- 4. Remove the hood latch (B) mounting bolts.
- 5. Disconnect the connector (A).

▷: Bolt Locations 6.9 ~ 10.8 N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lbf.ft)



SENBD7007L

6. Disconnect the hood latch cable (A) and remove the latch (B).

SENBD7008D

7. Installation is the reverse of removal.

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

BD-11

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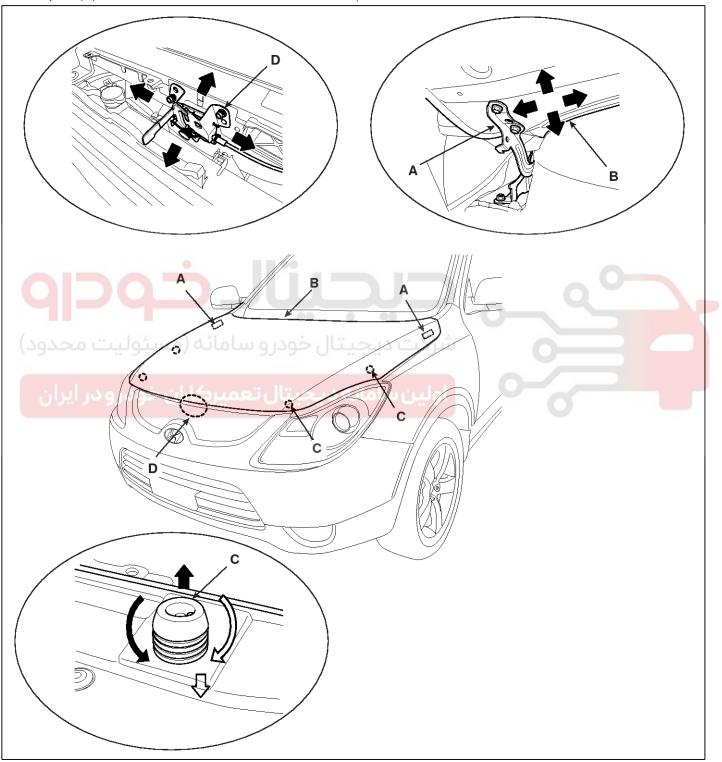
BD-12

Adjustment Adjust Hood

- 1. 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 overslam bumpers (C).

Body (Interior and Exterior)

3. After loosening the hood latch (D) mounting bolts, adjust the latch by moving it up or down, or right or left.



SENBD7009D

Exterior

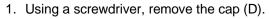
Tailgate

Replacement

Tailgate Trim Replacement

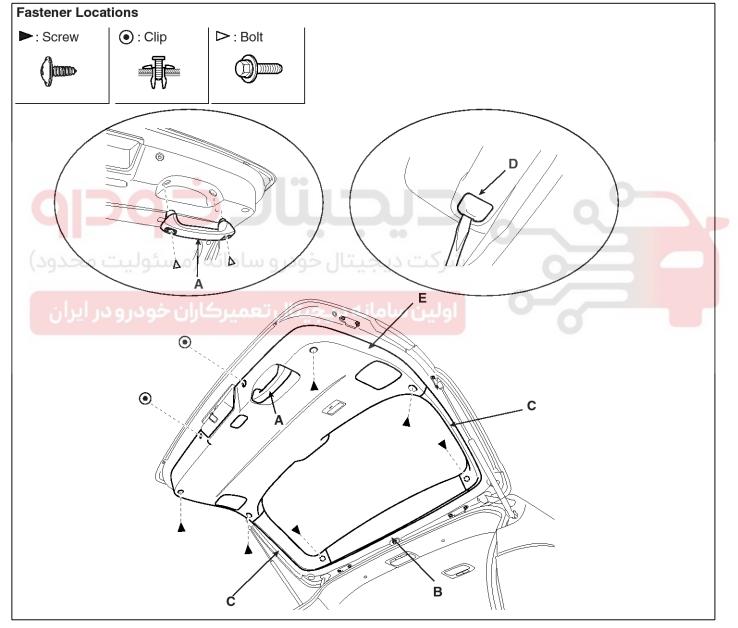
WNOTICE

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



- 2. After loosening the screws the remove the tailgate inside handle (A).
- 3. Remove the tailgate trim (E) and upper trim (B) and side trim (C).
- 4. Installation is the reverse of removal.

• Replace and damaged clips.



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BD-13

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BD-14

Latch Assembly Replacement

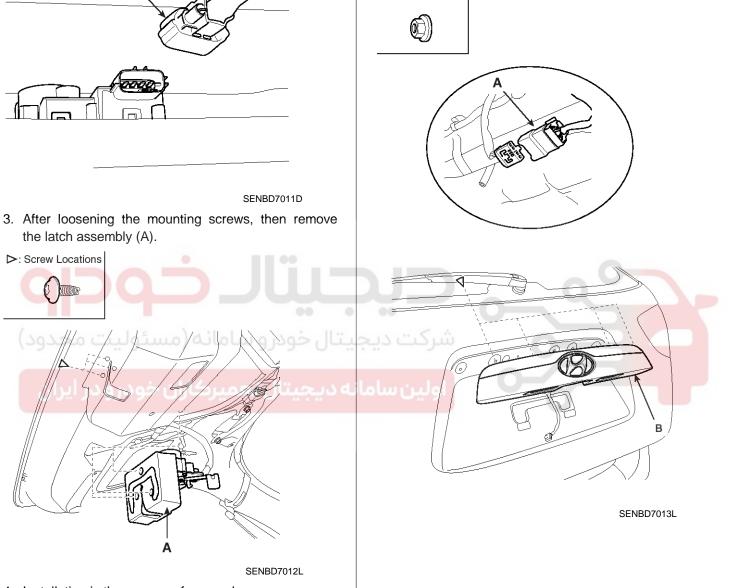
- 1. Remove the tailgate trim.
- 2. Disconnect the tailgate latch connector (A).

Body (Interior and Exterior)

Outside Handle Replacement

- 1. Remove the tailgate trim.
- 2. Disconnect the connector (A).
- 3. After loosening the tailgate garnish mounting nuts, then tailgate garnish (B).

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▷: Nut Locations
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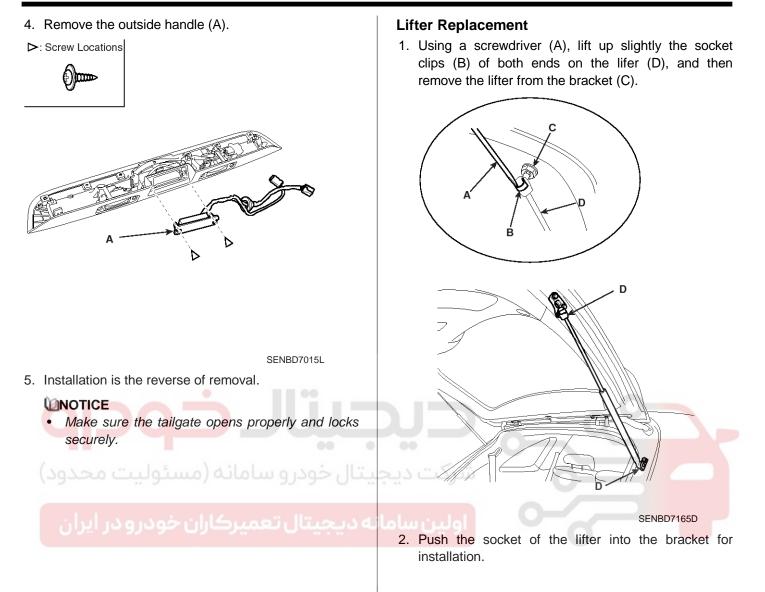
4. Installation is the reverse of removal.

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

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Exterior

BD-15



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BD-16

Body (Interior and Exterior)

Tailgate Weatherstrip Replacement

- Do not apply sealant to the body.
- 1. Remove the tailgate weather strip (A).

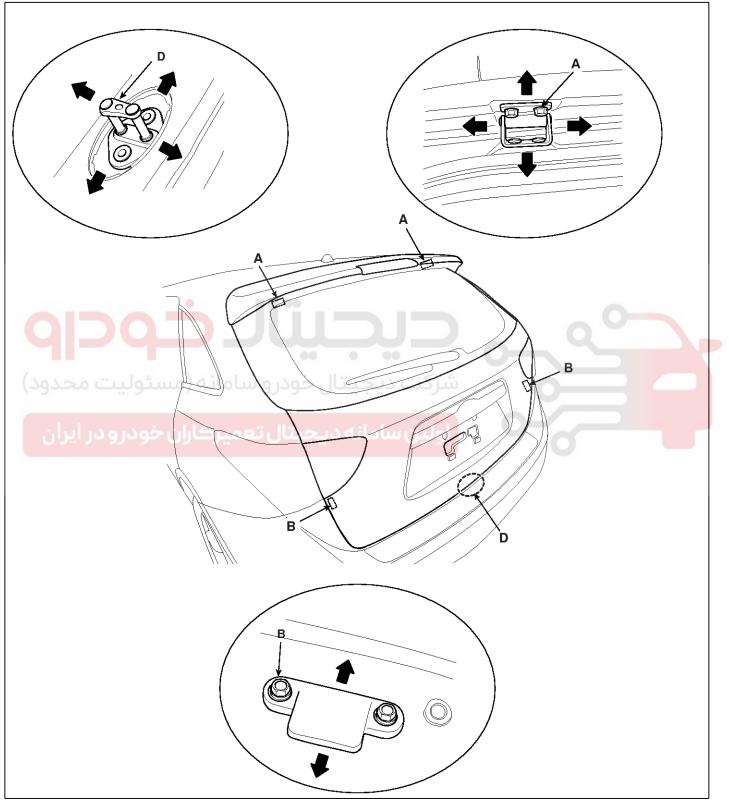


Exterior

BD-17

Adjustment

- 1. After loosening the tailgate hinge (A) mounting bolt, adjust the tailgate by moving it up or down, or right or left.
- 2. Adjust the tailgate fit by turning the tailgate over slam bumper and side bumper (B).
- 3. Adjust the striker (D) by moving it up or down, or right or left.



SENBD7017D

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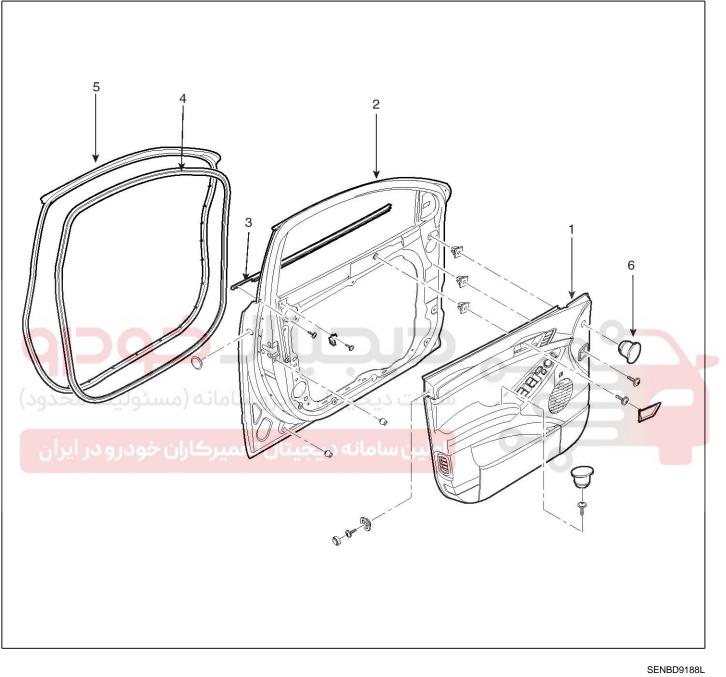
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BD-18

Body (Interior and Exterior)

Front Door

Components

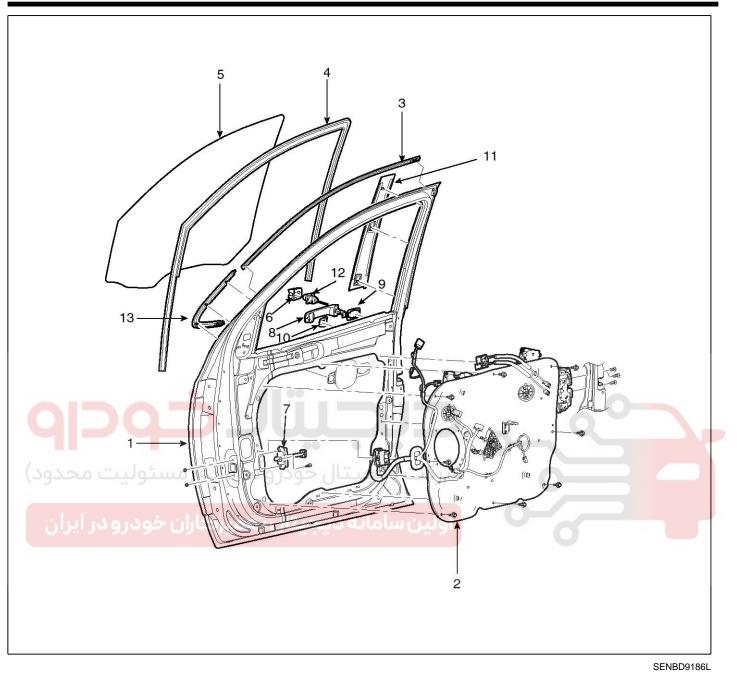


- 1. Door trim
- 2. Door panel
- 3. Door belt weatherstrip

- Body weatherstrip
 Door weatherstrip
- 6. Cap

Exterior

021-62999292



- 1. Door panel
- 2. Door module
- 3. Door frame molding
- 4. Glass run

- 5. Glass
- 6. Out side handle cover
- 7. Door checker
- 8. Out side handle

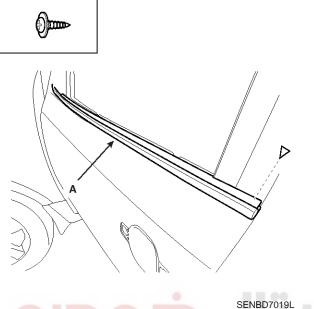
- 9. Rear outside handle pad
- 10. Front outside handle pad
- 11. Door frame garnish
- 12. Door lock
- 13. Quadrant frame molding

BD-20

Replacements

Door Belt Weatherstrip Replacement

- 1. Remove the door belt weatherstrip (A).
- ▷: Screw Locations



2. Installation is the reverse of removal.

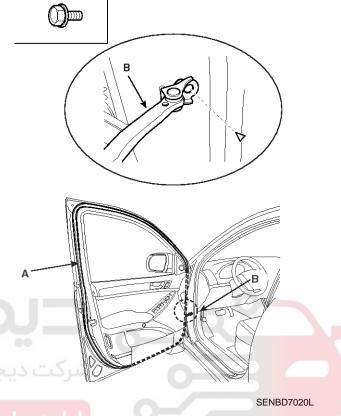
خودرو سامانه (مسئوليت محدود

المرجعيتال تعميركاران خودرو در اير المحجيتال تعميركاران خودرو در اير

Body (Interior and Exterior)

Door Weatherstrip Replacement

- 1. Loosen the checker (B) mounting bolts.
- 2. Detach the clips, then remove the weatherstrip (A).
- >: Bolt Locations



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BD-21

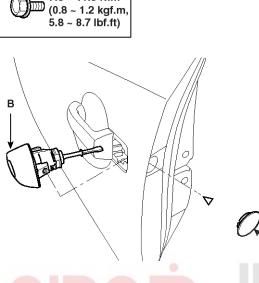
SENBD7023L

Exterior

Out Side Handle Replacement

7.8 ~ 11.8 N.m

- 1. Remove the cap (A).
- 2. After loosening the mounting bolt, then remove the key holder (B).
- C: Bolt Locations



SENBD7021L

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

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Inside Handle Replacement

- 1. Remove the door trim.
- 2. Remove the inside handle (A).
- ▷ : Screw Locations, 4
- 3. Installation is the reverse of removal.

SENBD7022D

4. Installation is the reverse of removal.

MOTICE

• Make sure the door lock and open properly.

021-62999292

BD-22

Door Trim Replacement

WNOTICE

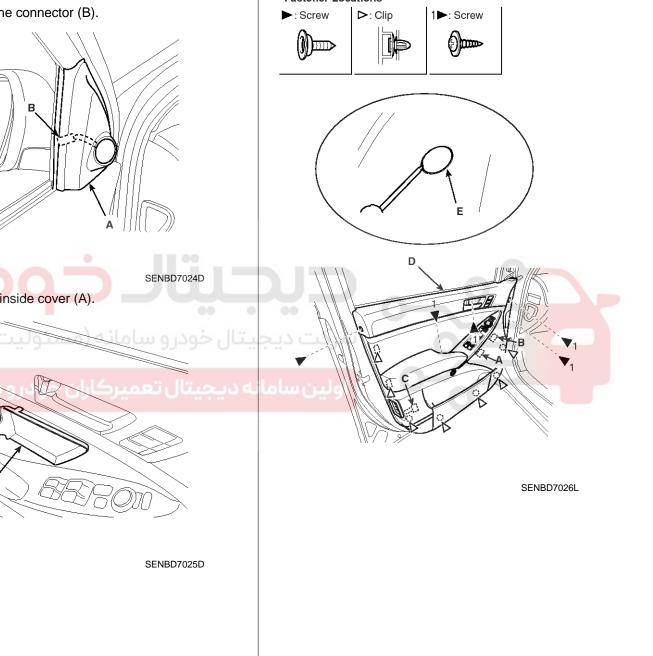
- Take care not to scratch the door trim and other ٠ parts.
- Put on gloves to protect your hands. •
- 1. Remove the quadrant inner cover (A).
- 2. Disconnect the connector (B).



Body (Interior and Exterior)

- 4. Remove the cap (E).
- 5. Loosen the door trim (D) mounting screws. Release the clips that hold the door trim, then remove the door trim by pulling it upward. Disconnect the power window switch connector (A), power mirror connector (B), and door courtesy lamp connector (C).

Fastener Locations

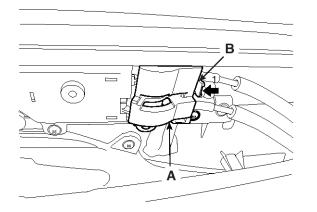


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Exterior

BD-23

6. Remove the inside handle cable assembly (A).



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7. Installation is the reverse of removal.

MOTICE

- Make sure of connectors is plugged in properly and each rod is connected securely.
- Make sure the door lock and opens properly.

Glass Replacement

- 1. Remove the front door trim.
- 2. Remove the glass mounting hole plug (A).

MOTICE

- Using the door switch to align the mounting hole with the hole on the door glass.
- If it is impossible, align the hole with hands after removing the motor.
- Take care not to drop to glass and scratch the glass surface.
- 3. Carefully move 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.

0

• Roll the glass up down to see if it move freely

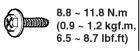
Adjust the position of the glass as necessary.

4. Installation is the reverse of removal.

without binding.

WNOTICE

: Screw Locations



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SENBD7028L

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BD-24

Glass Run Channel Replacement

1. Remove the following parts.

- Door trim.
- Glass.
- Door module.
- 2. Remove the run channel (A).



3. Installation is the reverse of removal.

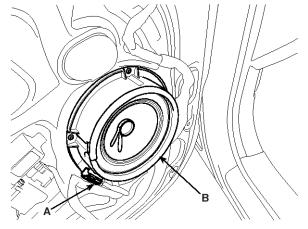
SENBD7029D

واستساماته ديرجيتال يتعمى كاران خمد بمدير أبران

Body (Interior and Exterior)

Speaker Replacement

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



SENBD7030D

Installation is the reverse of removal.
 Use sheet metal screws to secure the speaker.

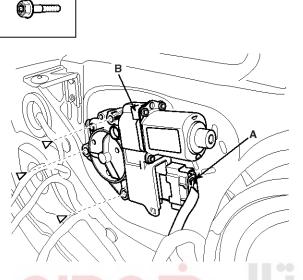
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BD-25

Exterior

Power Window Motor Replacement

- 1. Remove the door trim.
- 2. After disconnecting the connector (A), remove the power window motor (B).
- ▷ : Bolt, 3



SENBD7031L

3. Installation is the reverse of removal.

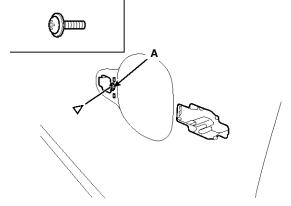
UNOTICE

- 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.

Door Module Assembly Replacement

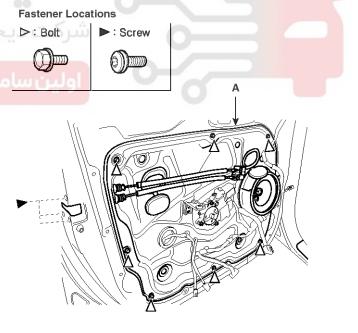
- 1. Remove the following parts.
 - Door trim.
 - Glass.
 - Outside handle.
- 2. Loosen the mounting screw (A).

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C: Screw Locations, 1
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SCMBD6035L

3. Loosen the door module mounting bolts, then remove the door module (A).

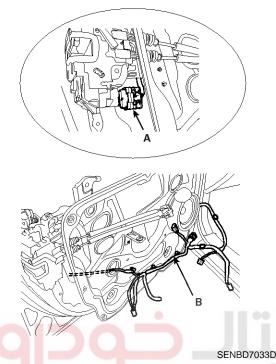


SENBD7032L

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BD-26

- 4. Disconnect the connector (A).
- 5. Disconnect the door module wiring harness (B), then remove the module assembly.



6. Installation is the reverse of removal.

تال خودرو سامانه (مسئولیت NOTICE

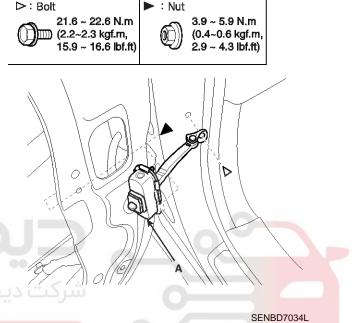
- The area of whole parts should be applied with sufficient grease.
- Make sure the connector is plugged in properly and each rod is connected securely.
- Make sure the door lock and open properly.

Body (Interior and Exterior)

Door Checker Replacement

- 1. Remove the following parts.
 - Door trim
 - Window glass
 - Door module
- 2. After loosening the mounting bolts and nuts, then remove the door checker (A).

Fastener Locations



3. Installation is the reverse of removal.

MONOTICE

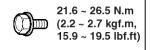
• Make sure the door opens properly and locks securely.

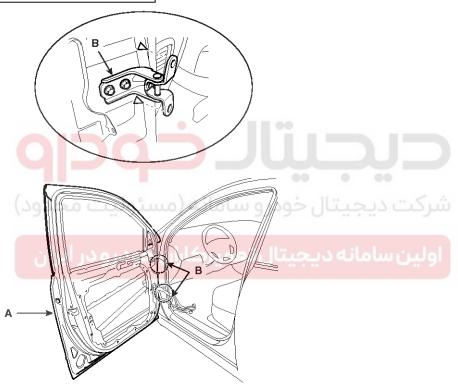
Exterior

Door Panel Replacement

- 1. Remove the following parts.
 - Outside mirror view
 - Door trim
 - Window glass
 - Door module
 - Door checker
- 2. After loosening the mounting bolts, then remove the door panel (A).

>: Bolt Locations





SENBD7035L

3. Installation is the reverse of removal.

WNOTICE

- Replace any damaged clips.
- Make sure the door opens properly and locks securely.
- Adjust the door alignment.
- Adjust the glass alignment.

BD-27

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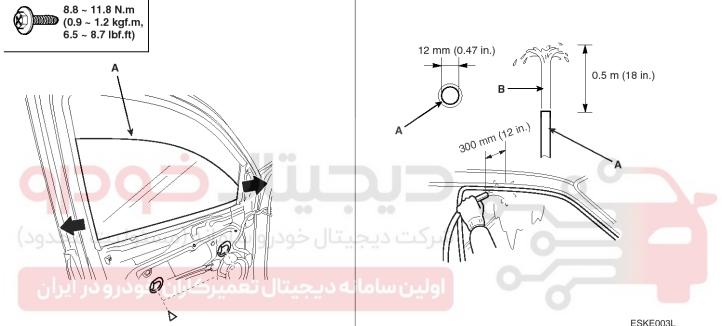
BD-28

Adjustment **Glass Adjustment**

- Check the glass run channel for damage or deterioration, and replace them necessary.
- 1. Remove the following parts.
 - Quadrant inner cover.
 - Door trim. •
- 2. Carefully move the glass (A) until you can see the glass mounting bolts (B), then loosen them.
- C: Screw Locations

Body (Interior and Exterior)

- 3. Check that the glass moves smoothly.
- 4. Raise the glass fully, and check for gaps. Check that the glass contacts the glass run chann elevenly.
- 5. Check for water leaks. Run water over the roof andon the sealing area as shown, and note these items:
 - Use a 12mm (1/2lin.) diameter hose (A). -
 - Adjust the rate of water flow as shown (B). -
 - Do not use a nozzle.
 - Hold the hose about 300mm(12in.) away from the door (C).



SENBD8211L

ESKE003L

021-62999292

BD-29

Exterior

Door Position Adjustment

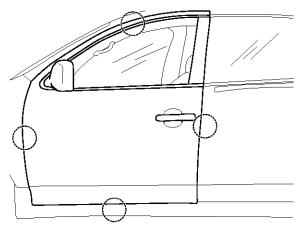
- After installing the door, check for a flush fit with the body, then check for equal gaps between the front, rear, and bottom, door edges and the body. check that the door and body edges are parallel. before adjusting, replace the mounting bolts.
- 1. Place the vehicle on a firm, level surface when adjusting the doors.
- 2. Adjust at the hinges (A):

6

26.5 N.m

- 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.

3. Check that the door and body edges are parallel.



SENBD7036D

4. Grease the pivot portions of the hinges indicated by the arrows.

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BD-30

Body (Interior and Exterior)

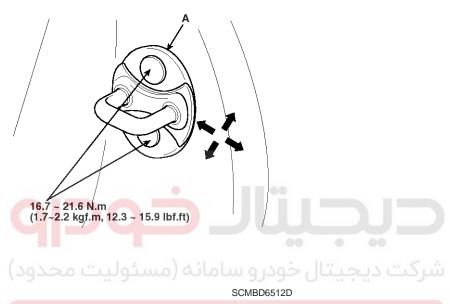
Door Striker Adjustment

Make sure the door latches securely without slamming it.

If necessary adjust the striker (A): The striker nuts are fixed.

The striker can be fine adjusted up or down, and in or out.

1. Loosen the screws, then insert a shop towel between the body and striker.



- 2. Lightly tighten the screws.
- 3. Wrap the striker with a shop towel, then adjust the striker by tapping it with a plastic hammer.

Do not tap the striker too hard.

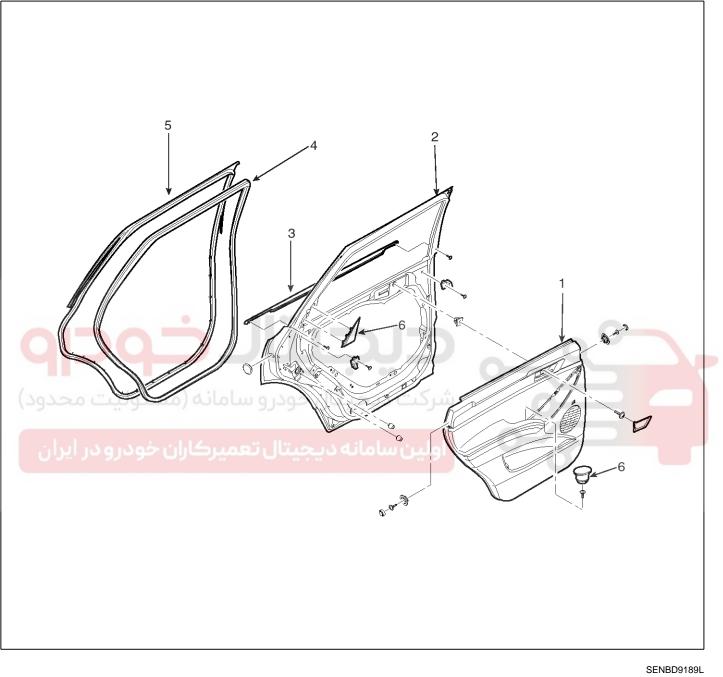
- 4. Loosen the screws and remove the shop towel.
- 5. Lightly tighten the screws.
- 6. Hold the outer handle out, and push the door against the body to be sure the striker allows a flush fit. If the door latches properly, tighten the screws and recheck.



Exterior

Rear Door

Components



- 1. Door trim
- 2. Door Panel
- 3. Door belt weatherstrip

- Body weatherstrip
 Door weatherstrip
- 6. Cap

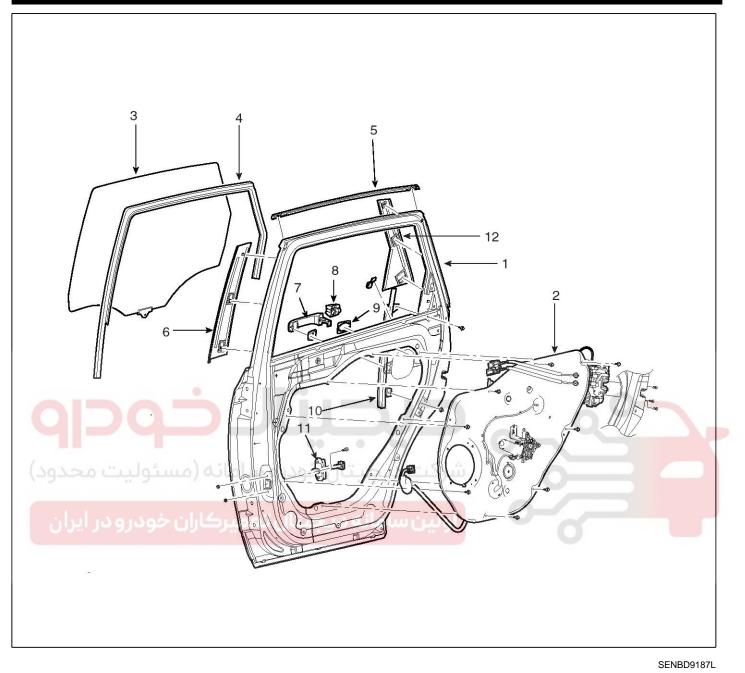
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BD-31

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BD-32

Body (Interior and Exterior)



- 1. Door frame
- 2. Door module
- 3. Glass
- 4. Glass run

- 5. Door frame molding
- 6. Door frame garnish (front)
- 7. Out side handle
- 8. Out side handle cover
- 9. Out side handle pad
- 10. Rear channel
- 11. Door cheaker
- 12. Door frame garnish (rear)

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BD-33

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Exterior

Replacement

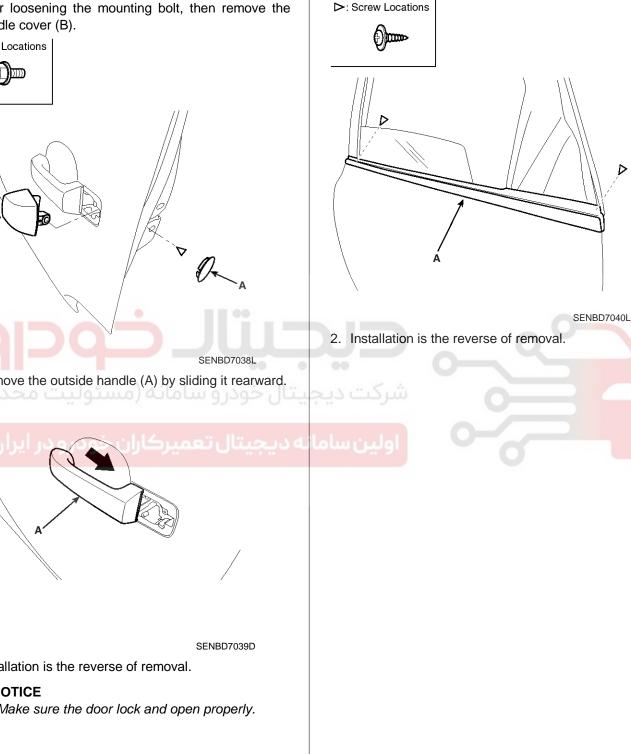
Out Side Handle Replacement

- 1. Remove the cap (A).
- 2. After loosening the mounting bolt, then remove the handle cover (B).
- >: Bolt Locations в SENBD7038L 3. Remove the outside handle (A) by sliding it rearward. Δ SENBD7039D 4. Installation is the reverse of removal.

• Make sure the door lock and open properly.

Door Belt Weatherstrip Replacement

1. Loosen the mounting screw, then remove the door belt weatherstrip (A).



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BD-34

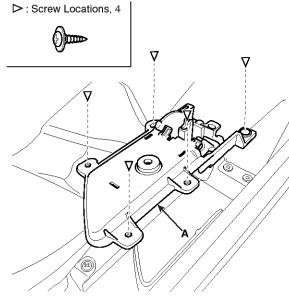
Door Weathherstrip Replacement

- 1. Loosen the checker (B) mounting bolts.
- 2. Detach the clips, then remove the weatherstrip(A).



Body (Interior and Exterior)

- Inside Handle Replacement
- 1. Remove the door trim.
- 2. Remove the inside handle (A).



- SENBD7023L
- 3. Installation is the reverse of removal.

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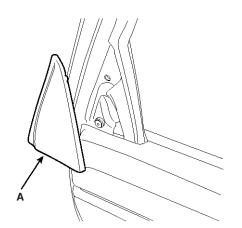
BD-35

Exterior

Door Trim Replacement

WNOTICE

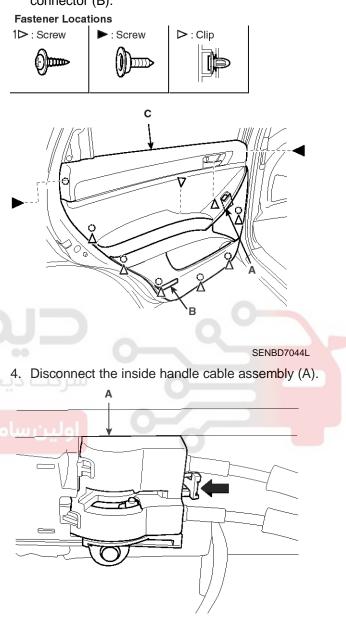
- Take care not to scratch the door trim and other parts.
- Put on gloves to protect your hands.
- 1. Remove the delta inner cover (A).



2. Remove the inside handle cover (A).

SENBD7043D

 Loosen the door trim (C) mounting screws. release the clips that hold the door trim, then remove the door trim by pulling it upward. disconnect the power window switch connector (A) and door courtesy lamp connector (B).



SENBD7045L

5. Installation is the reverse of removal.

MOTICE

- Make sure of connectors is plugged in properly and each rod is connected securely.
- Make sure the door lock and opens properly.

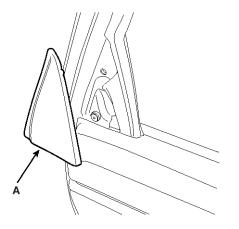
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BD-36

Glass Replacement

WNOTICE

- Put on gloves to protect your hands.
- 1. Remove the door belt weatherstrip.
- 2. Remove the delta cover (A).



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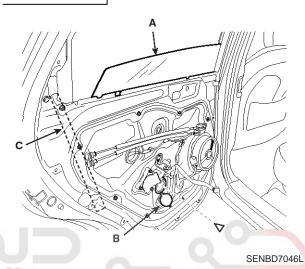
- 3. Remove the door trim.
- 4. Release the rear channel (C) mounting bolt and nut.
 - Take care not to drop to glass and scratch the glass surface.

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Body (Interior and Exterior)

- 5. Disconnect the plug hole (B).
- 6. Carefully move 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.

>: Screw Locations



7. Installation is the reverse of removal.

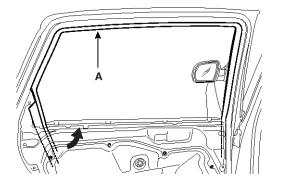
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BD-37

Exterior

Glass Run Replacement

- 1. Remove the following parts.
 - Door trim.
 - Glass.
 - Door module.
- 2. Remove the run channel (A).



3. Installation is the reverse of removal.

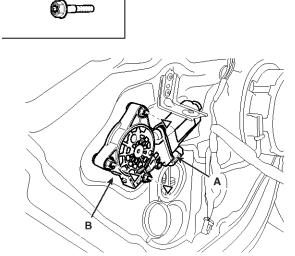
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SENBD7047D

Power Window Motor Replacement

- 1. Remove the door trim.
- 2. After disconnecting the connector (A), remove the power window motor (B).
 - ▷: Bolt Locations, 3



SENBD7048L

3. Installation is the reverse of removal.

UNOTICE

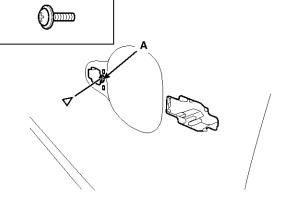
- The area of rotational parts and springs should be applied with sufficient grease.
- Roll the glass up down to see if it move freely without binding.

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BD-38

Module Assembly Replacement

- 1. Remove the following parts.
 - Door trim. ٠
 - Window glass.
 - Outside handle. ٠
- 2. Loosen the outside handle base mounting screw (A).
- C: Screw Locations, 1



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

Fastener Locations

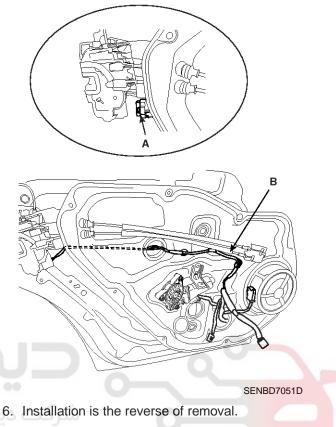


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SENBD7050L

Body (Interior and Exterior)

- 4. Disconnect the connector (A).
- 5. Detach the clips, then remove the wiring harness(B).



WNOTICE

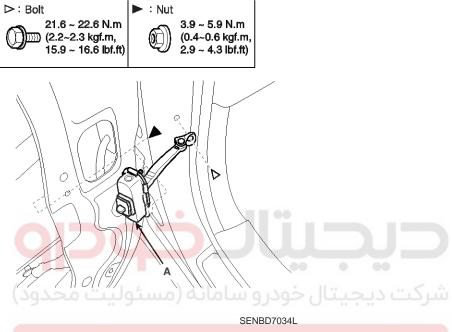
- The area of whole parts should be applied with • sufficient grease.
- Make sure the connector is plugged in properly and each rod is connected securely.
- Make sure the door lock and open properly.

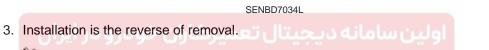
Exterior

Door Checker Replacement

- 1. Remove the following parts.
 - Door trim.
 - Window glass.
 - Door module
- 2. After loosening the mounting bolt and nuts, then remove the door checker (A).

Fastener Locations





MOTICE

• Make sure the door opens properly and locks securely.

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BD-39

BD-40

Adjustment Glass Adjustment

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

Body (Interior and Exterior)

- 3. Push the glass against the channel (B), then tighten the glass mounting bolts.
- 4. Check that the glass moves smoothly.
- Raise the glass fully, and check for gaps. check that the glass contacts the glass run channel evenly.
- 6. Check for water leaks. Run water over the roof andon the sealing area as shown, and note these items:
 - Use a 12mm (1/2lin.) diameter hose (A).
 - Adjust the rate of water flow as shown (B).
 - Do not use a nozzle.
 - Hold the hose about 300mm(12in.) away from the door.

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BD-41

Exterior

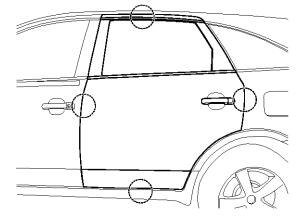
Door Position Adjustment

- After installing the door, check for a flush fit with thebody, 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. Place the vehicle on a firm, level surface when adjusting the doors.
- 2. Adjust at the hinges (A):

26.5 N.m

- 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.

3. Check that the door and body edges are parallel.



SENBD7052D

4. Grease the pivot portions of the hinges indicated by the arrows.

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SENBD7041L

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Body (Interior and Exterior)

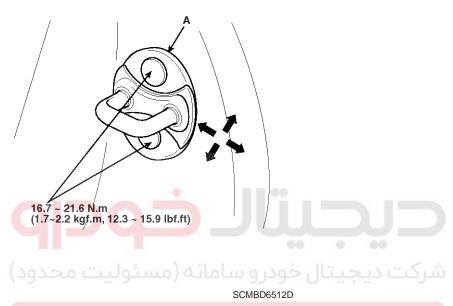
Door Striker Adjustment

Make sure the door latches securely without slamming it.

If necessary adjust the striker (A): The striker nuts are fixed.

The striker can be fine adjusted up or down, and in or out.

1. Loosen the screws, then insert a shop towel between the body and striker.



- 2. Lightly tighten the screws.
- 3. Wrap the striker with a shop towel, then adjust the striker by tapping it with a plastic hammer.

Do not tap the striker too hard.

- 4. Loosen the screws and remove the shop towel.
- 5. Lightly tighten the screws.
- 6. 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.



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Exterior

Body Side Moldings

Replacement

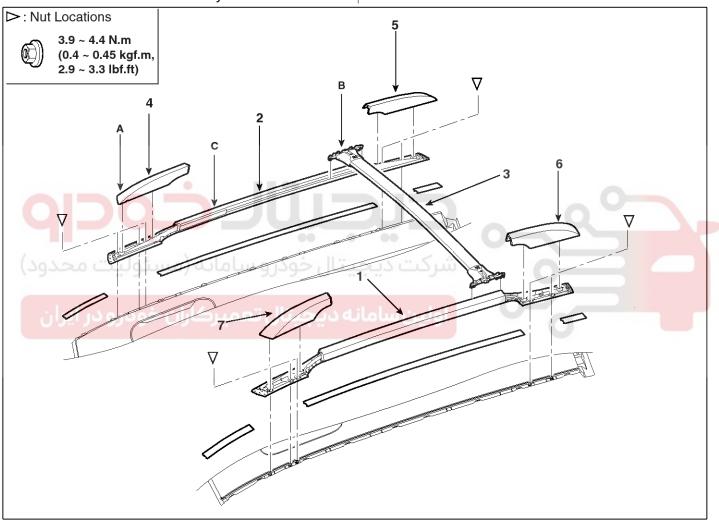
Roof Rack Replacement

WNOTICE

- 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. •
- Take care not to scratch the body surface. ٠

1. Remove the roof rack cover (A).

- 2. Remove the roof cross bar (B).
- 3. Remove the roof rack (C).
- 4. Installation is the reverse of removal.



- 1. Roof side rack (LH)
- 2. Roof side rack (RH)
- 3. Roof cross bar

- 4. Roof rack cover (FR.RH)
- 5. Roof rack cover (RR.RH)
- 6. Roof rack cover (RR.LH)
- 7. Roof rack cover (FR.RH)

SENBD9198L

BD-44

Front Wheel Guard Replacement

WNOTICE

- 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. •
- Take care not to scratch the body surface. •
- 1. Remove the wheel guard (A).

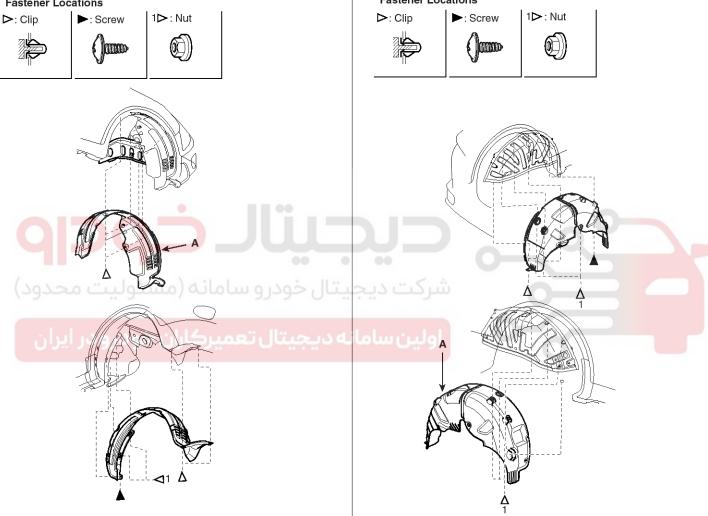
Fastener Locations

Body (Interior and Exterior)

Rear Mud Wheel Guard 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. •
- Take care not to scratch the body surface. ٠
- 1. Remove the wheel guard (A).

Fastener Locations



SENBD7154L

2. Installation is the reverse of removal.

SENBD7153L

2. Installation is the reverse of removal.

BD-45

Exterior

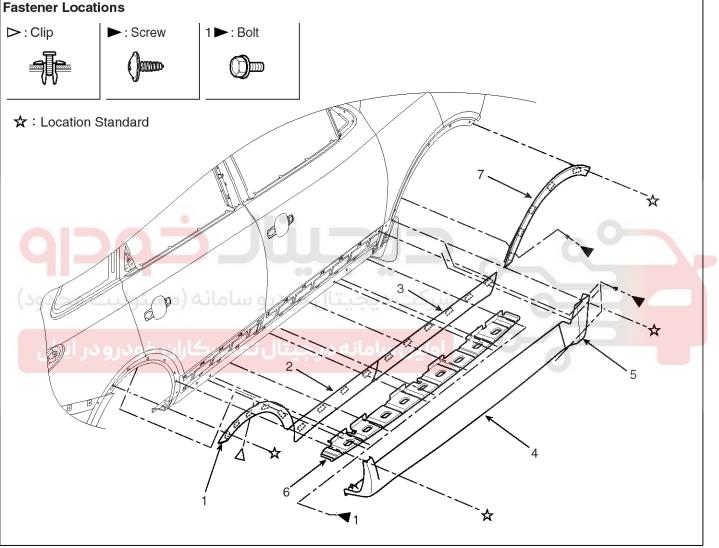
Side Garnish And Side Sill Replacement

WNOTICE

- 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. •
- Take care not to scratch the body surface.

Fastener Locations

- 1. Prepare to remove the garnish from inside the vehicle.
 - To remove screws the front and rear door panel.
- 2. Remove the clips and screws and gently pry the side garnish or side sill away from the door while removing the adhesive tape.
- 3. Installation is the reverse of removal. Replace any damaged clips adhesive tape.



- 1. Quactor side garnish
- 2. Rear door side garnish
- 3. Front door side garnish
- 4. Side step cover (FR)
- 5. Side step cover (RR)
- 6. Side step bracket

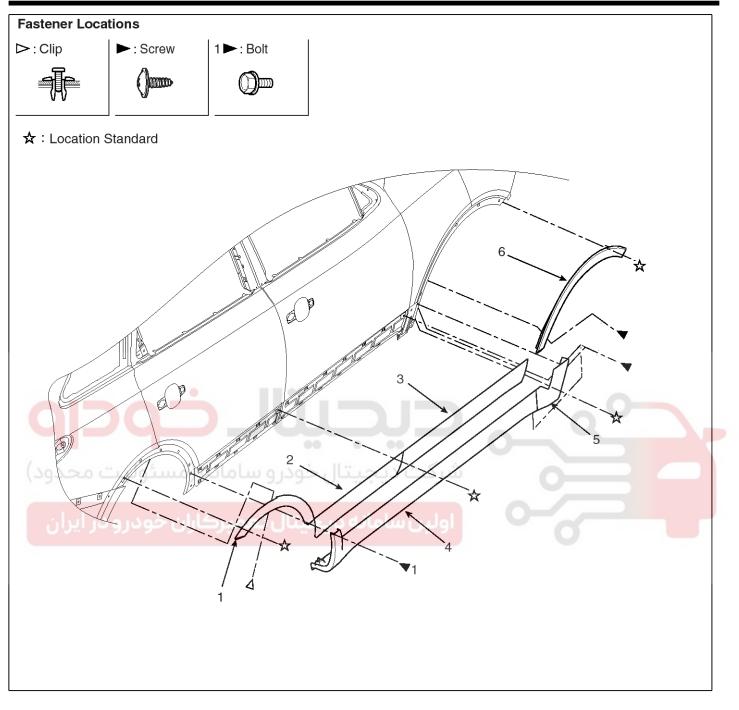
7. Fender side garnish

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Body (Interior and Exterior)



SENBD9201L

1. Quactor side garnish

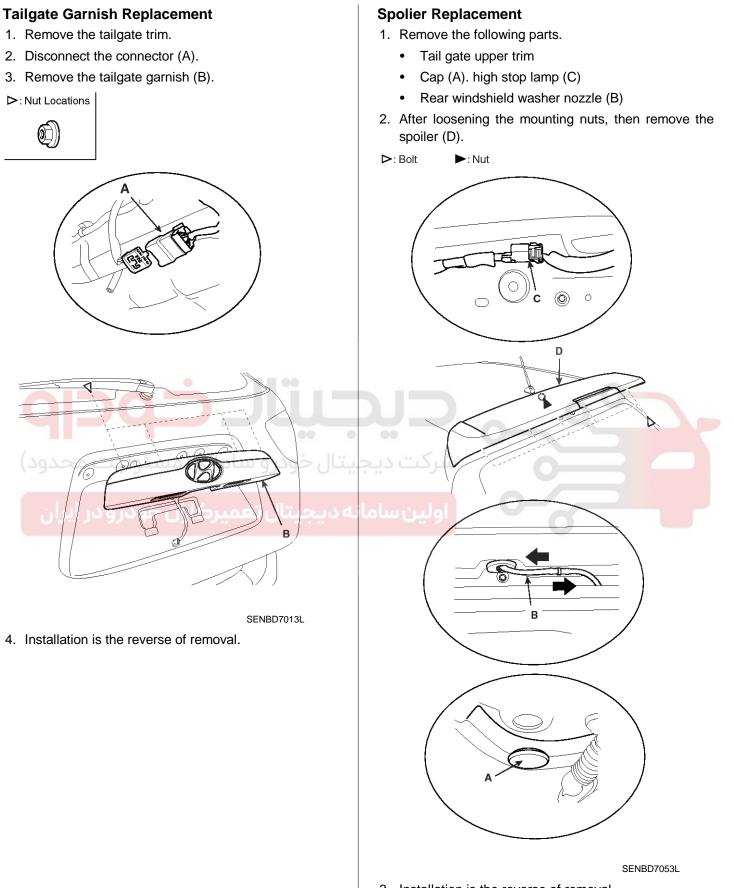
- 2. Rear door side garnish
- 3. Front door side garnish

- 4. Side seal cover (FR)
- 5. Side seal cover (RR)
- 6. Fender side garnish

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Exterior

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3. Installation is the reverse of removal.

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SENBD7152L

BD-48

Body (Interior and Exterior)

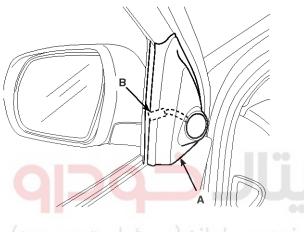
Mirror

Replacement

Outside Rear View Mirror Relplacement

WNOTICE

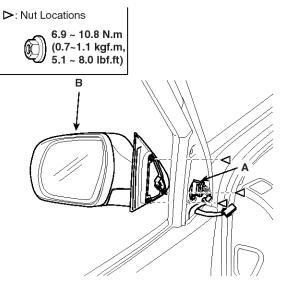
- When prying with a flat-up screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the quadrant inner cover (A).
- 2. Disconnect the connector (B).



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3. After disconnecting the connector (A), remove the outside rear view mirror (B).



^{4.} Installation is the reverse of removal.

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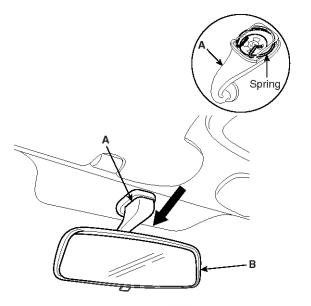
BD-49

SENBD7170L

Exterior

Inside Rear View Mirror Replacement

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



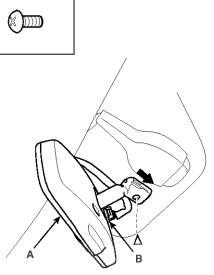
2. Installation is the reverse of removal.

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Ecm Mirror Replacement

- 1. Disconnect the connector (B).
- 2. Push the ECM mirror base down to remove the ECMmirror assembly (A).
- ➤: Screw Locations



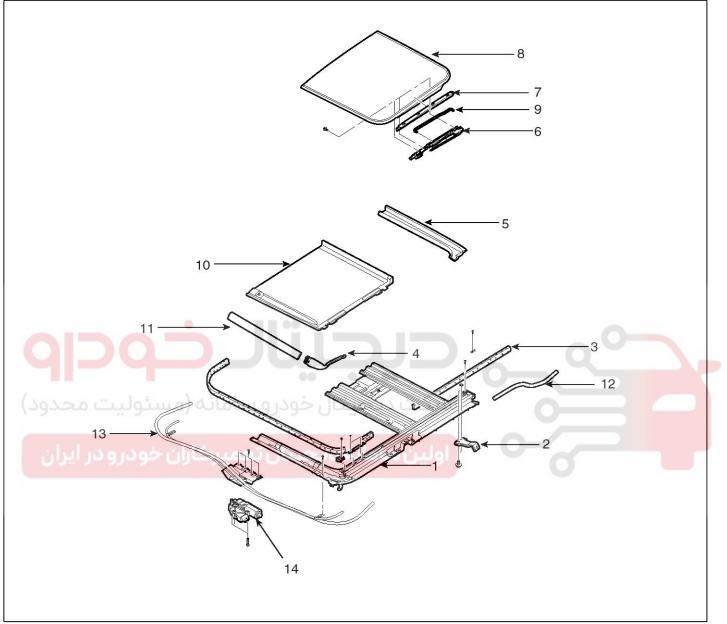
3. Installation is the reverse of removal.

BD-50

Body (Interior and Exterior)

Sun Roof

Components



- 1. Guide assembly
- 2. Set bracket
- 3. Seal tape
- 4. Defector link
- 5. Drip rail

- 6. Guide assembly
- 7. Decoration cover
- 8. Glass
- 9. Drip link
- 10. Sunshade

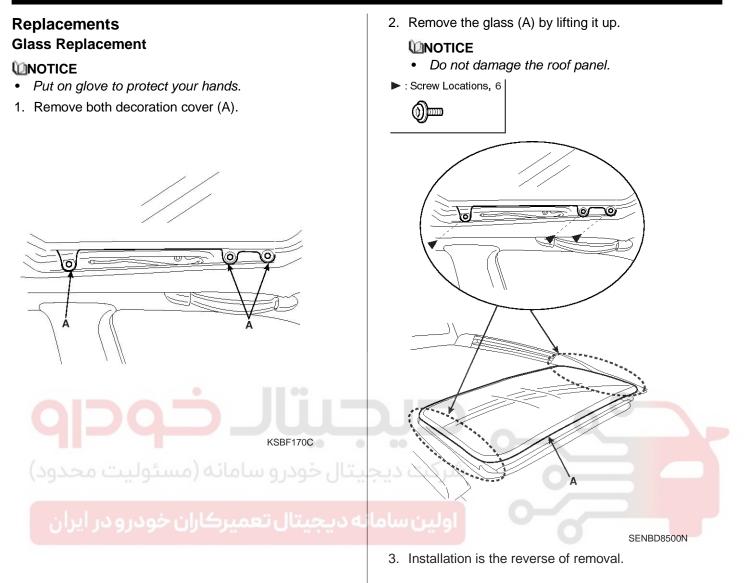
- 11. Defector
- 12. Drain tube
- 13. Drive unit
- 14. Motor

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Sun Roof

BD-51



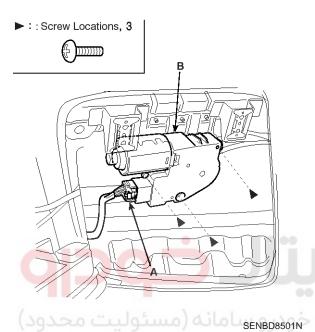
BD-52

Body (Interior and Exterior)

Motor Replacement

1. Remove the over head console.

- Confirm the position of guide whether it is closed or not when you remove the motor.
- 2. Disconnect the motor connector (A), remove the screws and then remove the motor (B).

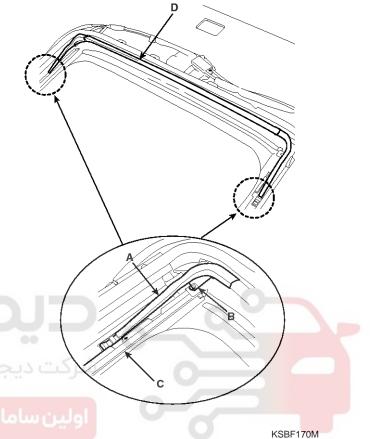


3. Installation is the reverse of removal.

- یں سامانه دیجیتال تعمیر کاران خودر و دNOTICE
- Make sure to initialize the motor.

Deflector Replacement

- 1. Open the glass fully.
- 2. Disconnect the deflector link (A) from the frame (B),and then remove the deflector (C).



3. Installation is the reverse of removal.

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Sun Roof

BD-53

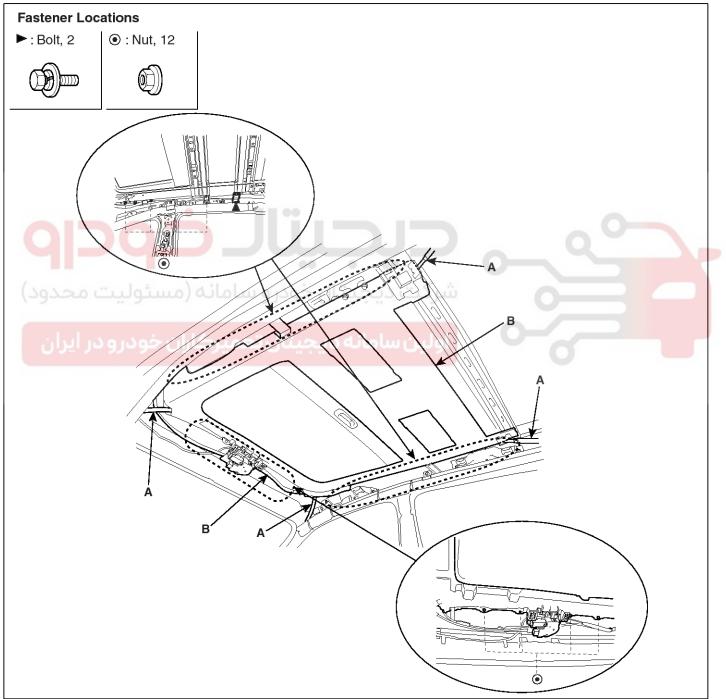


- 1. Remove the follows parts.
 - Door scuff trim.
 - Front pillar trim.
 - Center pillar trim.
 - Rear pillar trim.
 - Headlining .
 - Sunroof glass.

2. Disconnect the drain tubes (B).

- 3. Remove the bracket (A).
- 4. After loosening the mounding bolts and nuts, remove the sunroof assembly (B).

- Take care not to scratch the interior trims and other parts.
- 5. Installation is the reverse of removal.



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BD-54

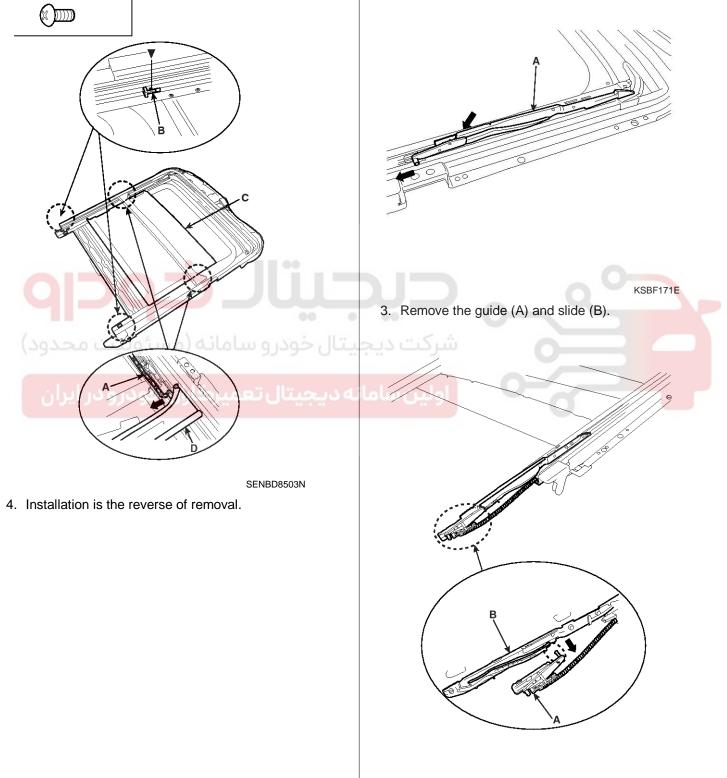
Sunshade And Drip Rail Replacement

- 1. Remove the sunroof assembly.
- 2. Remove the drip link (A) and sunshade stopper (B).
- 3. Remove the sunshade (C) and drip rail (D).
- Screw Locations, 2

Body (Interior and Exterior)

Guide Assembly Replacement

- 1. Remove the sunroof assembly.
- 2. Remove a guide assembly (A) after lowering a guide thoroughly by pushing a slide (B) to rear.

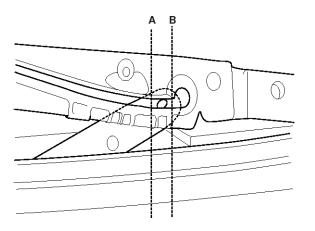


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Sun Roof

4. Installation is the reverse of removal.

- Make sure to align the slide with the center of "A" and "B"
- Make sure to initialize the motor.



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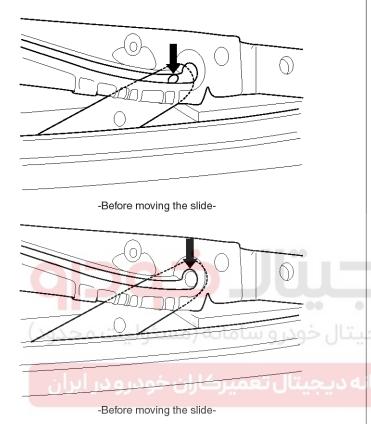
BD-55

BD-56

Adjustment

How To Initialize

- 1. Check that the glass has been installed.
 - Finished height adjustment.
- 2. Push the up switch. (Keep on pushing the switch)
 - the slide moved 5mm forward after 15 seconds.



SENBD8217L

- 3. After moving the slide 5mm forward, turn OFF the switch and push the UP switch (Keeping on pushing the switch with continuous operation)
 - If the operation above is normal condition, the sunroof once and closes.
- 4. When the sunroof is closed completely, turn OFF the UP switch initialize the motor completely.

Body (Interior and Exterior)

When To Initialize The Motor

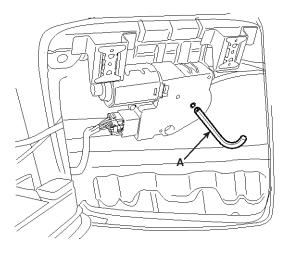
- 1. First operation the vehicle after manufacture it.
- 2. Initial value is erased or damaged because of short power electric discharge during operation
- 3. After using the manual handle.

Operating The Sunroof Emergency Handle

- 1. Use the sunroof emergency handle to close and open the sunroof manually for the following case only
 - To close the sunroof before driving a vehicle in arainy day or on the highway if the sunroof cannot be closed due to failure of the sunroof motor or controller.
- 2. Operating method
 - Remove the overhead console.
 - Push the emergency handle up into the hexagonal drive (A) of the sunroof motor. You must push hard enough to disengage the motor clutch; other wise the emergency handle will slip due to incomplete fit in the motor.
 - Carefully turn the emergency handle clockwise to close the sunroof.
 - 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 theem emergency handle, with a" Speeder" type handle.

• Do not use power tools to operate the sunroof.

Damage to the components may occur.



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Sun Roof

Cowl Top Cover

Replacement

- 1. Remove the wiper (A).
- : Nut Locations



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3. Installation is the reverse of removal.

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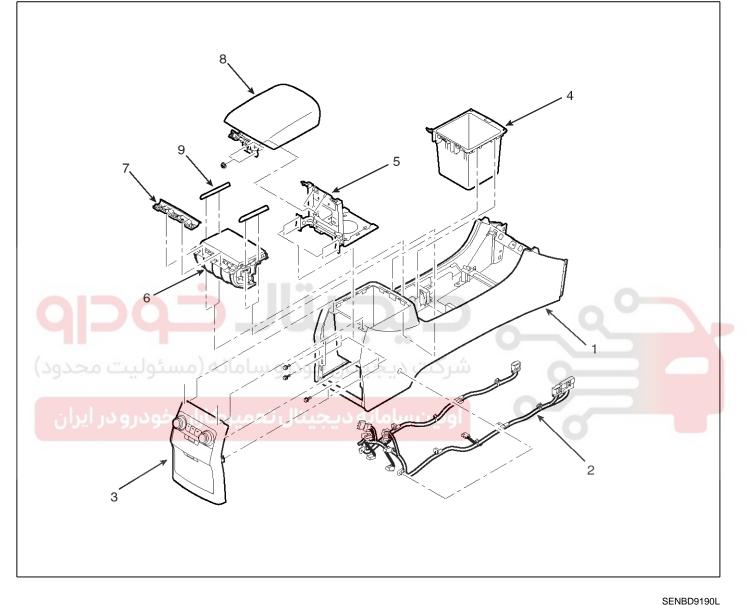
BD-58

Body (Interior and Exterior)

Interior

Console

Components



- 1. Floor console assembly
- 2. Console wiring harness
- 3. Console and cover
- 4. Storage box
- 5. Armrest support bracket
- 6. Cup holder

- 7. Rear bejel
- 8. Armrest
- 9. Side bejel

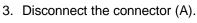
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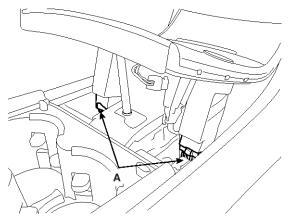
BD-59

Interior

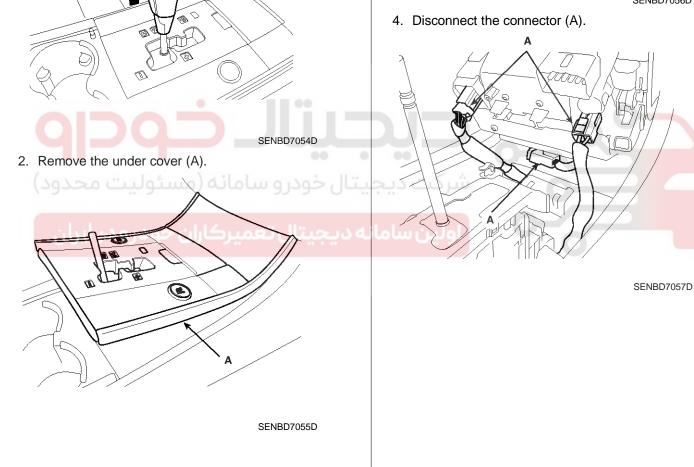
Replacement Floor Console Replacement

- When prying with a flat-up 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 cover (A).





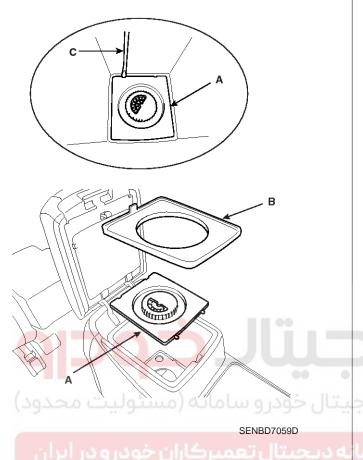
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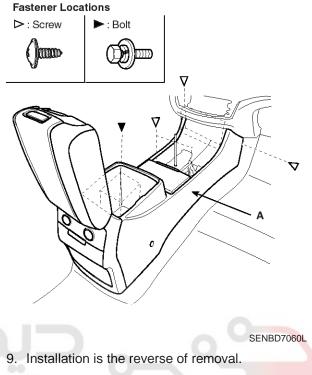
BD-60

- 5. Remove the mat (B).
- 6. Using the screwdriver, remove the cool box cover (A).



Body (Interior and Exterior)

- 7. Remove the console extenser cover.
- 8. After loosening the console mounting screws, remove the floor console assembly (A).



WNOTICE

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

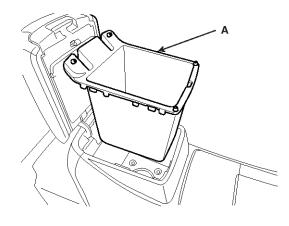
021-62999292

Interior

BD-61



1. Remove the storage box (A).

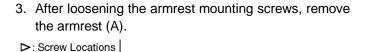


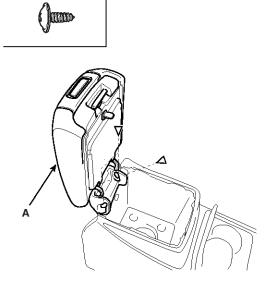
SENBD7061D

- 2. Remove the rear console cover (A).
- ▷: Screw Locations

Δ

(1000)





SENBD7063L

4. Installation is the reverse of removal.

SENBD7062L

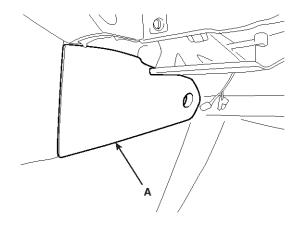
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BD-62

Body (Interior and Exterior)

Console Extenser Cover

1. Remove the extenser cover (A).



SENBD7064D

2. Installation is the reverse of removal.



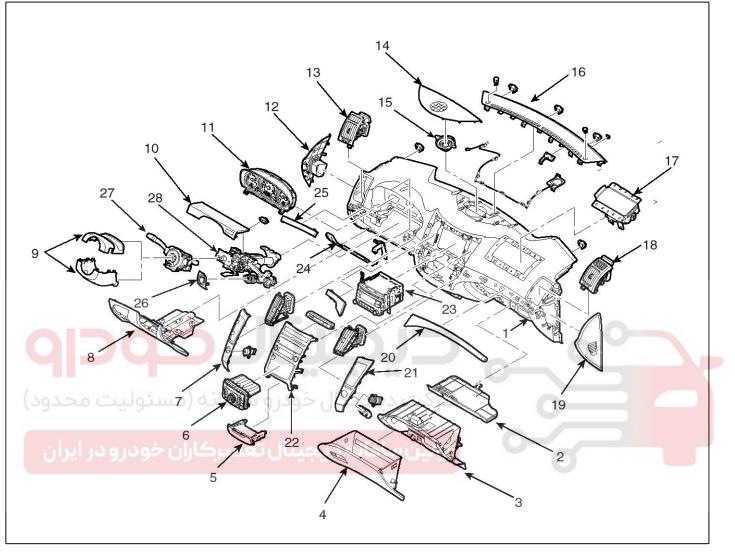
Interior

BD-63

021-62999292

Crash Pad

Components



- 1. Crash pad
- 2. Under cover
- 3. Glove box housing
- 4. Glove box
- 5. Center lower tray
- 6. Heater control unit
- 7. Center air vent assembly
- 8. Crash pad lower panel
- 9. Shroud assembly

- 10. Cluster facia panel
- 11. Cluster
- 12. Crash pad side cover
- 13. Side air vent
- 14. Center speaker grill
- 15. Center speaker
- 16. Center deforster garnish
- 17. Passenger air bag module
- 18. Side air vent

- SENBD9204L
- 19. Crash pad side cover
- 20. Passenger garnish
- 21. Center air vent assembly
- 22. Center facia panel
- 23. Audio
- 24. Rainforceing panel
- 25. Driver garnish

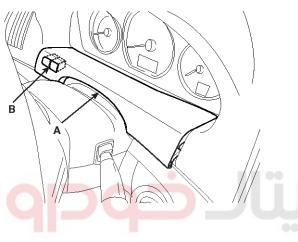
021-62999292

BD-64

Replacement Cluster Replacement

WNOTICE

- When prying with a flat-up 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. Tilt the steering column down.
- 2. After remove the cluster facia panel (A), disconnecting the trip sensor connector (B).

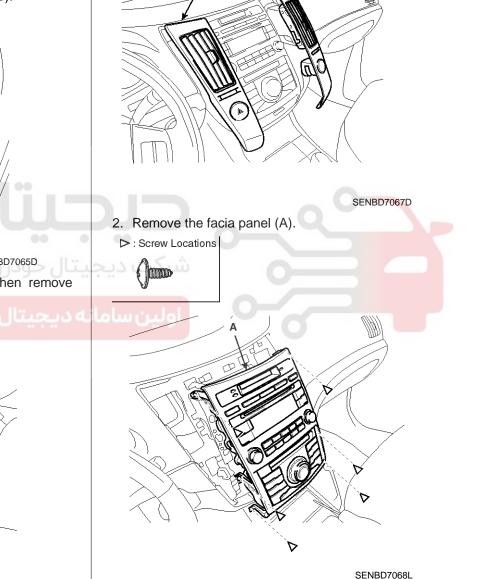


SENBD7065D
 After loosening the mounting screws, then remove the cluster (A).



Center Facia Panel Replacement

- When prying with a flat-up 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 both air vent (A).



- 3. Installation is the reverse of removal.
- SENBD7066L
- 4. Installation is the reverse the removal.

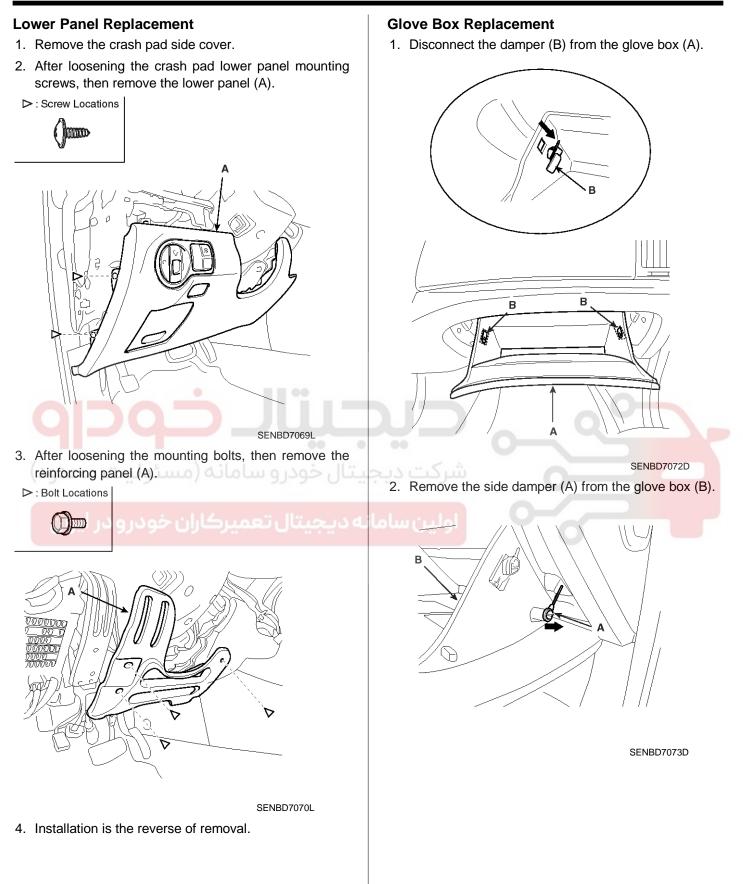
: Screw Locations

• Make sure the connector is plugged in properly.

021-62999292

Interior

BD-65

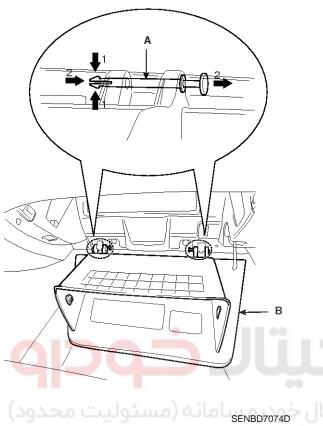


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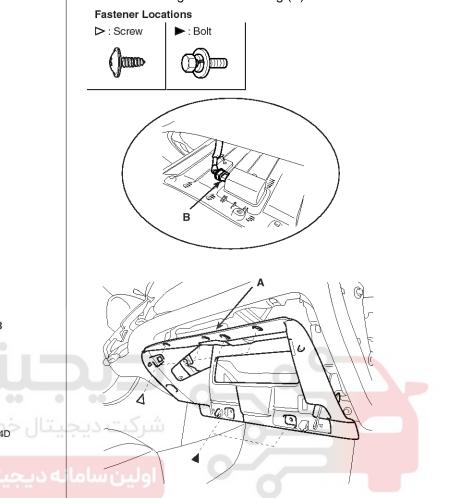
BD-66

Body (Interior and Exterior)

 Disconnect the pine (A), then remove the glove box (B).



4. After loosening the mounting screws and bolts, then remove the glove box housing (A).



SENBD7075L

021-62999292

- 5. Disconnect the connector (B).
- 6. Installation is the reverse of removal.

021-62999292

BD-67

Interior

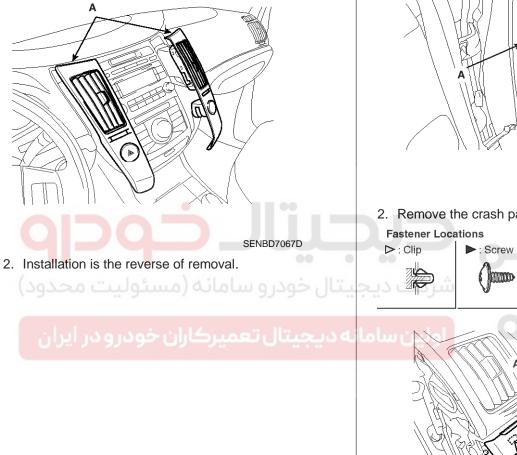
Air Vent Replacement

WNOTICE

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

Center

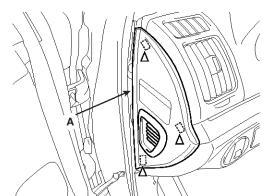
1. Using a remover, remove the air vent (A).



Driver`s

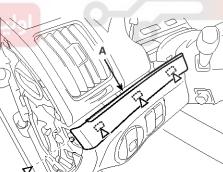
1. Remove the crash pad side cover (A).





SENBD7076L

2. Remove the crash pad side garnish (A).

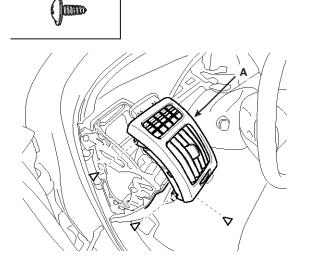


SENBD7077L

021-62999292

BD-68

- 3. Loosen the mounting screws, then remove the air vent (A).
- : Screw Locations



SENBD7078L

4. Installation is the reverse of removal.

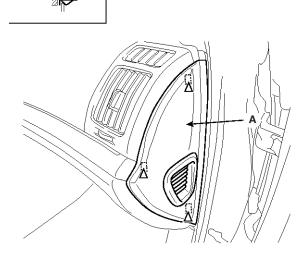
، خودر و سامانه (مسئولیت محدود

ه دیجیتال تعمیرکاران خودرو در ایران

Body (Interior and Exterior)

Passanger`s

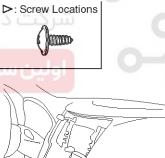
- 1. Remove the crash pad side cover (A).
- Clip Locations



SENBD7079L

- 2. Remove the crash pad side garnish (A).
- 3. Loosen the mounting screws, then remove the air vent (B).

B



4. Installation is the reverse of removal.

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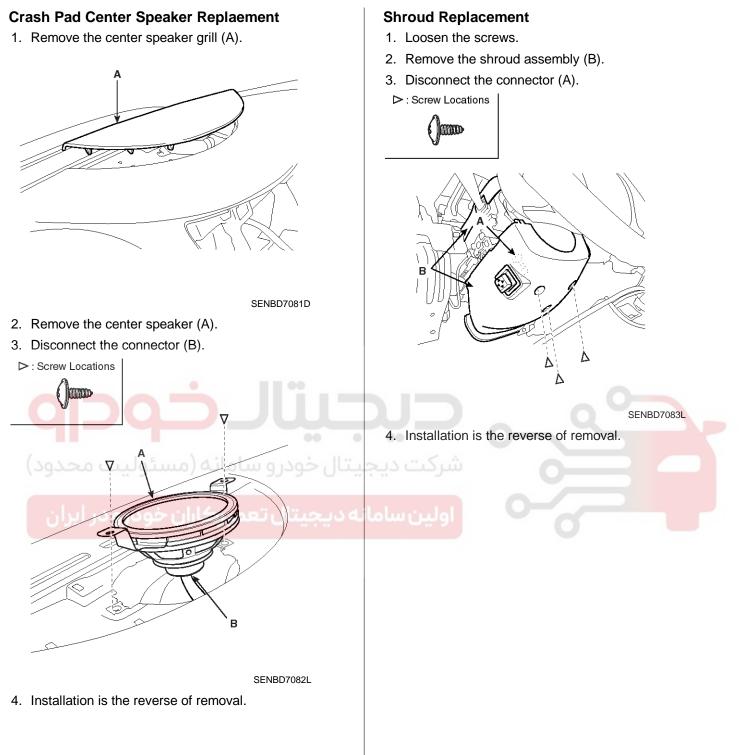
021-62999292

SENBD7080L

021-62999292

Interior

BD-69



BD-70

Cover Replacement

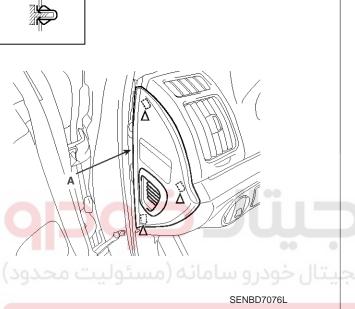
WNOTICE

- When prying with a flat-up 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 crash pad side cover (A).

Driver`s

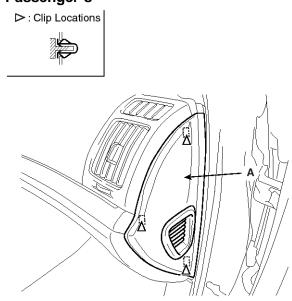
Clip Locations





Body (Interior and Exterior)

Passenger`s



SENBD7079L

2. Installation is the reverse of removal.

021-62999292

BD-71

Interior

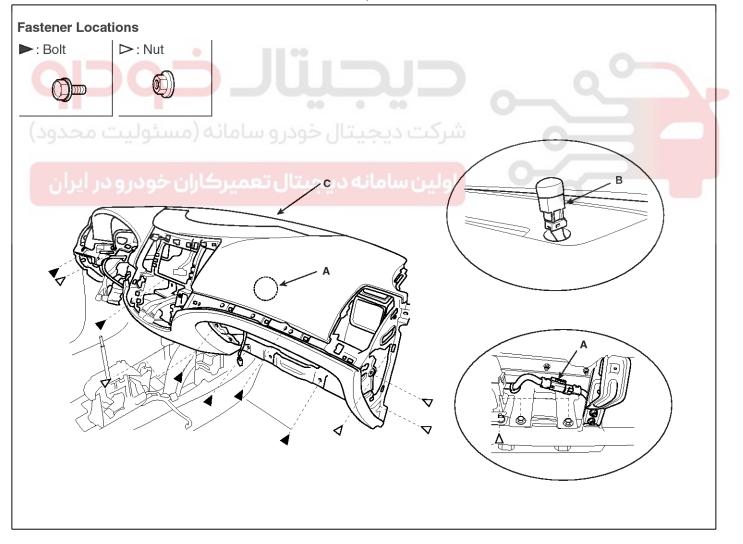
Crash Pad Replacement

- When prying with a flat-up 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
 - Cluster.
 - Center facia Panel
 - Lower panel
 - Glove box.
 - Crash pad side cover.
 - Center speaker
 - Front pillar trim.
 - Shroud

- 2. Remove the photo sensor (B).
- Disconnect the passenger's air bag connector (A). Loosen the bolts and nuts, then remove the crash pad (C).
- 4. 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.



SENBD7084L

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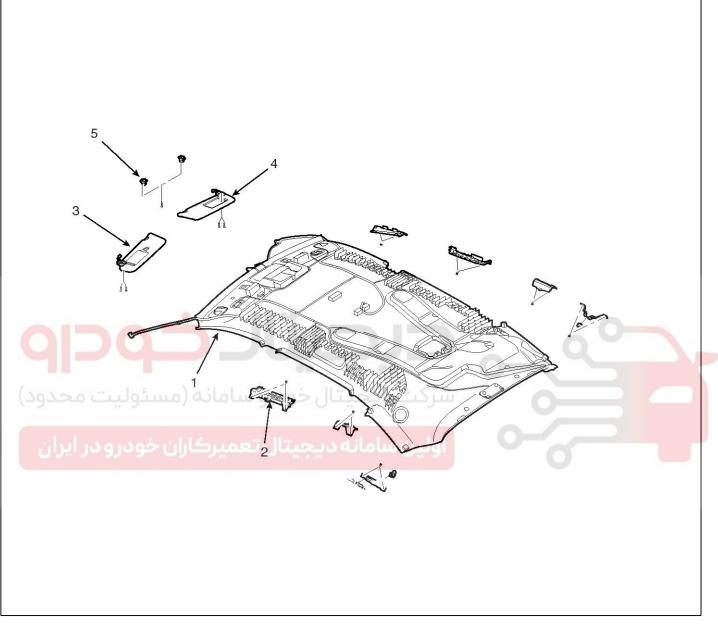
021-62999292

BD-72

Body (Interior and Exterior)

Roof Trim

Components



SENBD9202L

1. Roof trim

2. Assist handle bracket

Sunvisor
 Retainer

Interior

BD-73

Replacement **Sunvisor Replacement**

MOTICE

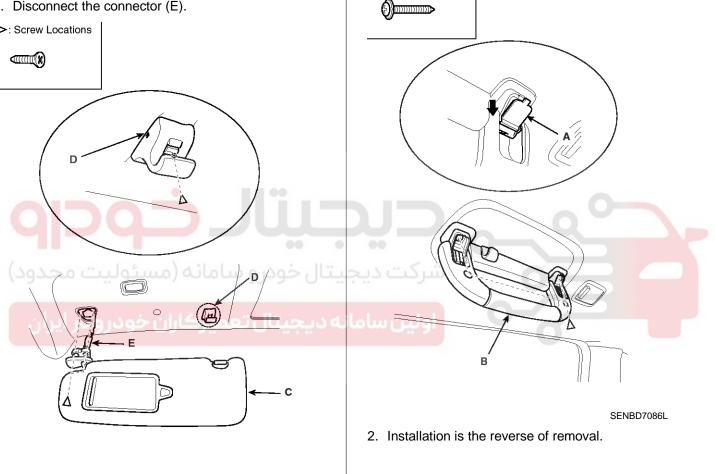
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Put on gloves to protect your hands.
- 1. Using a screwdriver (B), remove the cover (A).
- 2. Remove the sunvisor (C) and holder (D) from each side.
- 3. Disconnect the connector (E).
- >: Screw Locations

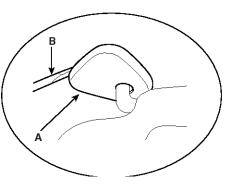
Assist Handle Replacement

WNOTICE

- When prying with a flat-tip screwdriver, wrap it with • protective tape to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the assist handle mounting cap (A), and remove the screws, then remove the assist handle (B).

>: Screw Locations





SENBD7085L

4. Installation is the reverse of removal.

BD-74

Overhead Console Lamp Replacement

WNOTICE

- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Put on gloves to protect your hands. •
- 1. Remove the overhead console
 - Remove the screw.
 - Pull out the roof console (A). •
 - Disconnect the connector (B). ٠

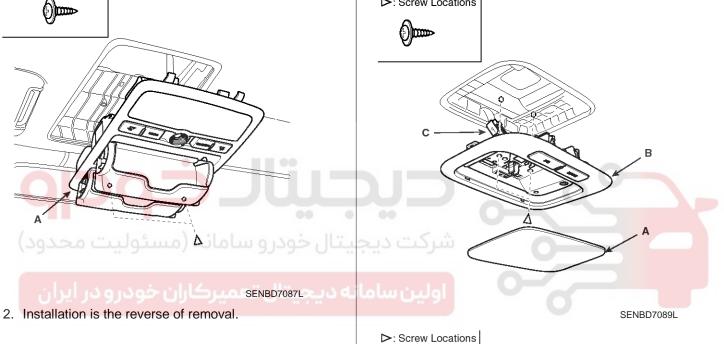
>: Screw Locations

Body (Interior and Exterior)

Room Lamp Replacement

- When prying with a flat-tip screwdriver, wrap it with ٠ protective tape to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the room lamp.
 - Remove the lens (A).
 - Remove the screws.
 - Pull out the room lamp (B).
 - Disconnect the connector (C). •
- ▷: Screw Locations

2. Installation is the reverse of removal.



SENBD70901

B

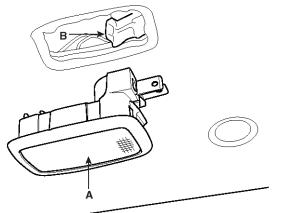
021-62999292

BD-75

Interior

Vanity Lamp And Hanse Free Mic

- 1. Remove the lamp (A).
- 2. Disconnect the connector (B).



SENBD7091D

Headliner Replacement

WNOTICE

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap itwith protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the following items :
 - Front seat assembly.
 - Rear seat assembly.
 - Door scuff trim.
 - Front pillar trim.
 - Center pillar trim.
 - Rear pillar trim.
 - Overhead console.
 - Room lamp.
 - Sunvisor.
 - Assist handle

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SENBD7092D

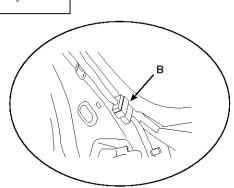
3. Installation is the reverse of removal.

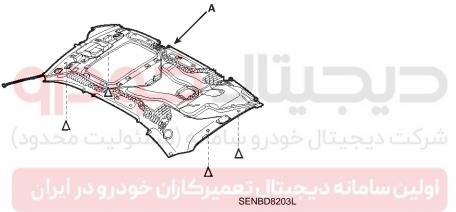
Body (Interior and Exterior)

BD-76

- 2. Remove the connector (B).
- 3. Remove the headliner (A).
- Clip Locations









4. Installation is the reverse of removal.

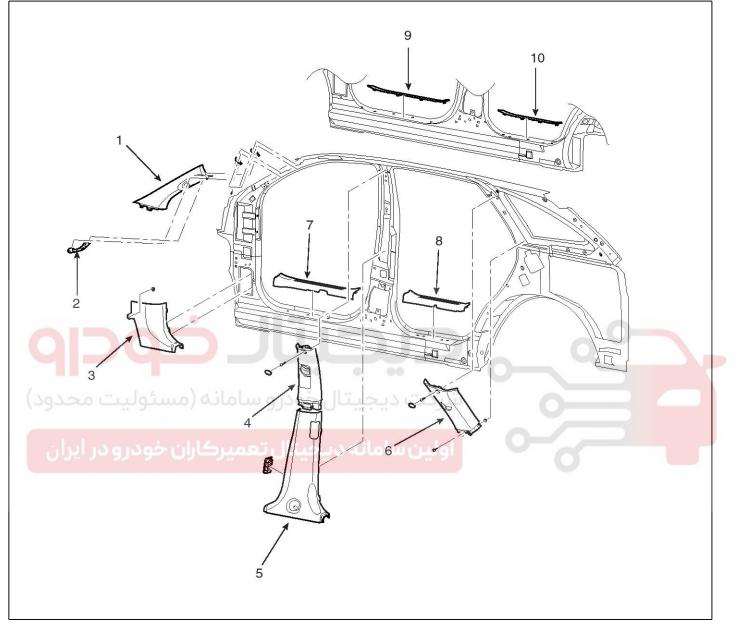
WNOTICE

Replace any damage clips.

Interior

Interior Trim

Components



- 1. Front pillar trim
- 2. Assist handle
- 3. Cowl side trim
- 4. Center pillar trim

- 5. Center pillar upper trim
- 6. Gate pillar trim
- 7. Front door scuff trim
- 8. Rear door scuff trim
- 9. Front door step
 10. Rear door step

BD-77

SENBD9196L

Replacement **Door Scuff Trim Replacement**

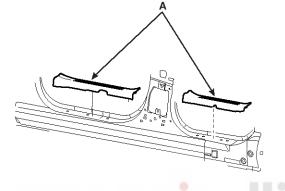
WNOTICE

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with • protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the front door scuff trim (A).

Body (Interior and Exterior)

Front Pillar Trim

- Put on gloves to protect your hands. •
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels. •
- 1. Remove the assist handle (A).
- 2. Remove the front pillar trim (B).



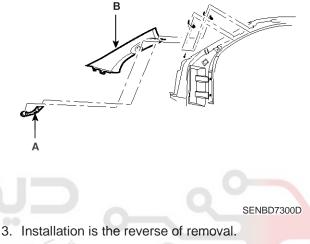


2. Installation is the reverse of removal.

UNOTICE

Replace any damage clips.

SENBD7302D



UNOTICE

Replace any damage clips. •

Interior

BD-79

Cowl Side Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the front door scuff trim.
- 2. Remove the cowl side trim (A).

Center Pillar Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the front seat belt lower anchor.
- 2. Remove the front door scuff trim.
- 3. Remove the center lower pillar trim (A).
- 4. Remove the center upper pillar trim (B).

Interview of the server of

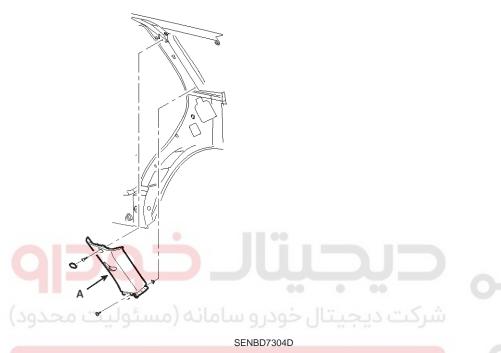
5. Installation is the reverse of removal.

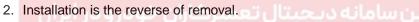
Replace any damage clips.

Body (Interior and Exterior)

Rear Pillar Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the rear pillar trim (A).





MOTICE

• Replace any damage clips.

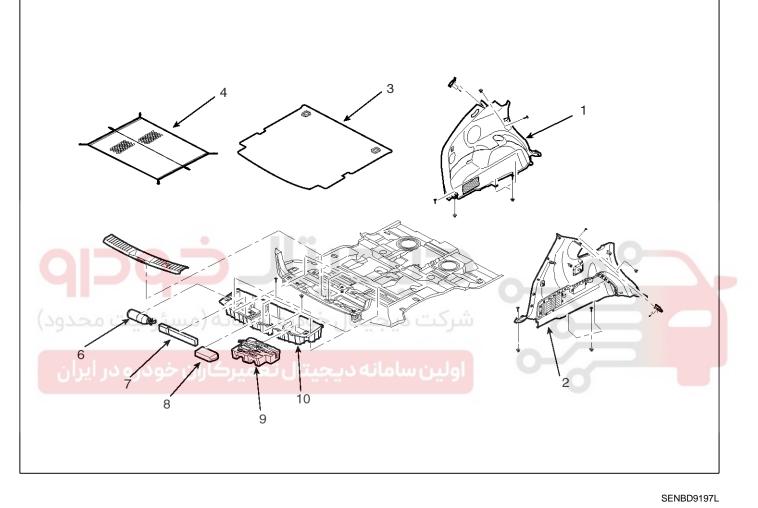
021-62999292

BD-81

Interior

Luggage Side Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tipped screwdriver, wrap it with protective tape to prevent damaged.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the rear seat.
- 2. Remove the rear seat belt lower anchor.
- 3. After loosening the mounting screws, then remove the luggage side trim.
- 4. Installation is the reverse of removal.



- 1. Luggage side trim
- 2. Luggage side trim
- 3. Luggage floor mat

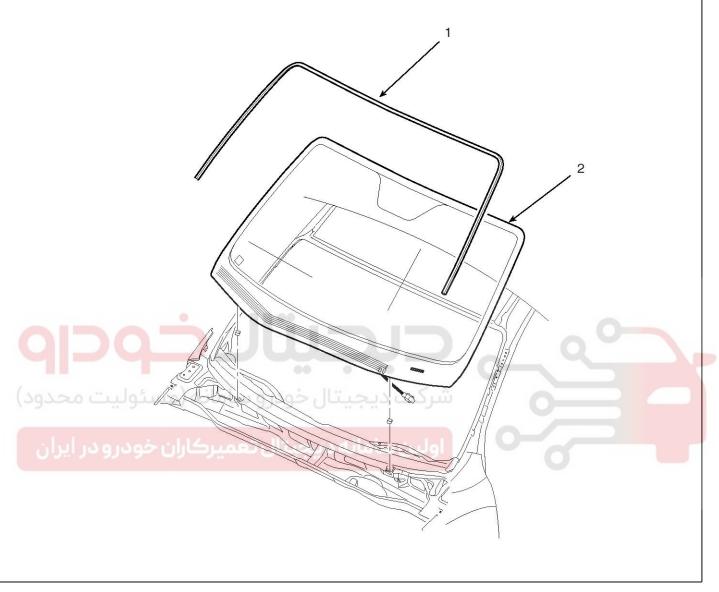
- 4. Luggage floor set
- 5. Extinguisher
- 6. Tripod

- 7. Aid
- 8. OVM tool
- 9. Luggage floor box

Body (Interior and Exterior)

Windshield Glass

Components



SENBD9199L

1. Windshield glass molding

2. Windshield glass

021-62999292

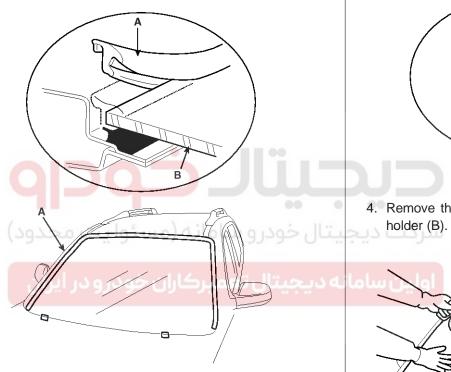
BD-83

Interior

Removal

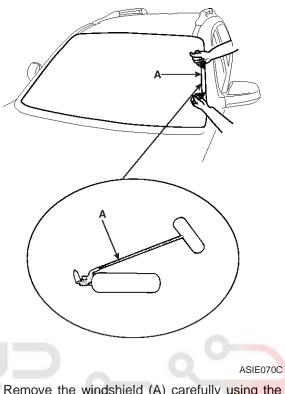
WNOTICE

- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surfaces.
- 1. Remove the following items.
 - Front pillar trim, both sides.
 - Windshield wiper arms and cowl cover. (Refer to page BE-"Windshield wiper").
- 2. Remove the molding (A) from the edge of the windshield (B). If necessary, cut the molding with a utility knife.

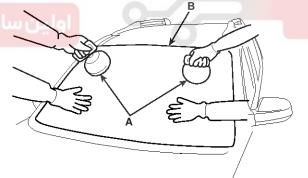


ASIE070B

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



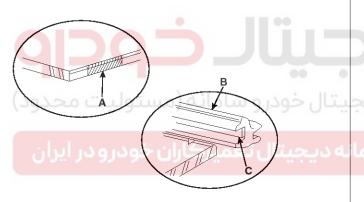
4. Remove the windshield (A) carefully using the glass holder (B).

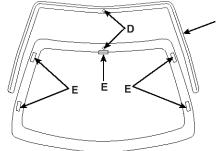


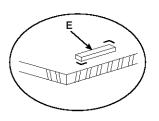
ASIE070D

Installtion

- 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.
- Apply the glass primer (A) to the side of the windshield glass edge and stick the both sided adhesive tape (B) on the inside of molding (C).
- 4. When attaching the molding, make it in line (D) with the windshield glass and attach the windshield glass pad (E) to the designated place.



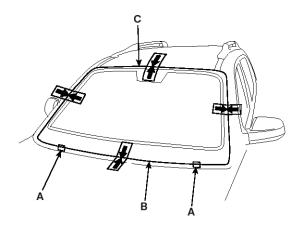




ASIE070E

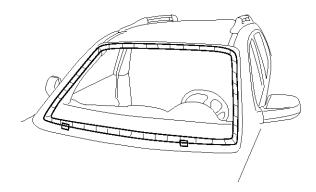
Body (Interior and Exterior)

- 5. Install the spacer (A) install the windshield glass (B) temporarily with marking sure to position them on the center, and then place the alignment mark (C).
- 6. Remove the windshield.



ASIE070F

- 7. 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.



ASIE070G

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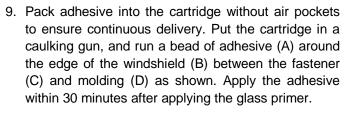
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Interior

BD-85

8. 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.



12.5mm

Make a slightly thicker bead at each corner.

в

Α

ASIE070H

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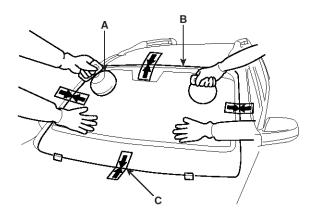
ASIE070I

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Body (Interior and Exterior)

BD-86

10. Use suction cups (A) to hold the windshield over the opening, align it with the alignment marks (B) 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

- 11. 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.
- 12. 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.
- 13. 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 drive ways at an angle or driving over rough, uneven roads)



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Interior

BD-87

Quarter Fixed Glass

Replacement

Removal

- Put on gloves to protect your hands.
- Take care not to body surface and other parts.
- 1. Remove the following parts:
 - Rear seat assembly
 - Rear door scuff trim
 - Luggage side trim
 - Rear seat belt upper anchor bolt
 - Rear pillar trim

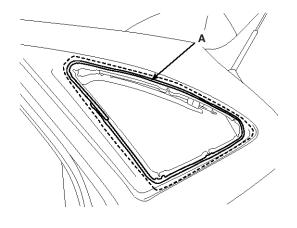
3.9 ~ 4.4 N.m

(0.4 ~ 0.45 kgf.m,

- 2. Loosen the quarter fixed glass (A) mounting nut.
- ▷: Nut Locations

(0)

3. Cut out the sealant using the sealant cutting tool.



SENBD7172D

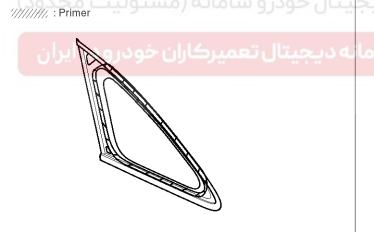
4. Remove the quarter fixed glass.



SENBD7156L

Inatallation

- 1. With a putt knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire quarter fixed glass flange.
 - Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
 - Mask off surrounding surfaces before painting.
 - Remove the fasteners from the body.
- 2. Clean the body bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the surface.
- 3. With a sponge, apply a light coat of glass primer along the edge of the quarter fixed glass as shown, then lightly wipe it off with gauze or cheese cloth:
 - Do not apply body primer to the quarter fixed glass, and do not get body and glass primer sponges mixed up.
 - Never touch the primed surfaces with your hands. If you do, the adhesive may not bond to the quarter fixed glass properly, causing a leak after the quarter fixed glass in installed.
 - Keep water, dust, and abrasive materials away from the primed surface.

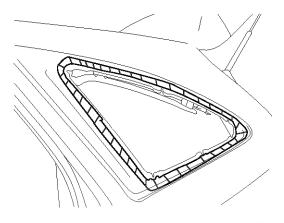


SENBD8215L

Body (Interior and Exterior)

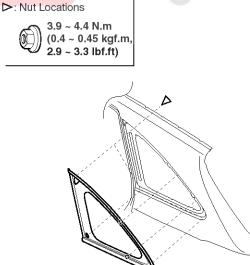
- With a sponge, apply a light coat of body primer to the original adhesive remaining around the flange. Let the body primer dry for at least 10 minutes.
 - Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
 - Never touch the primed surfaces with your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

///////// : Apply glass primer here



SENBD8218L

5. 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 quarter fixed glass (B) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead at each corner.



SENBD7156L

Interior

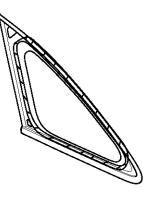
6. Install the quarter fixed glass.

//////// : Primer

SENBD8215L

- 7. Let the adhesive dry for at least one hour, then spray water over the rear window and check for leaks. Mark the leaking areas, let the rear window dry, then seal with sealant. Let the vehicle stand for at least four hours after rear window installation. If the vehicle has to be used within the first four hours, it must be driven slowly.
- 8. Reinstall all remaining removed parts.





BD-89

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Body (Interior and Exterior)

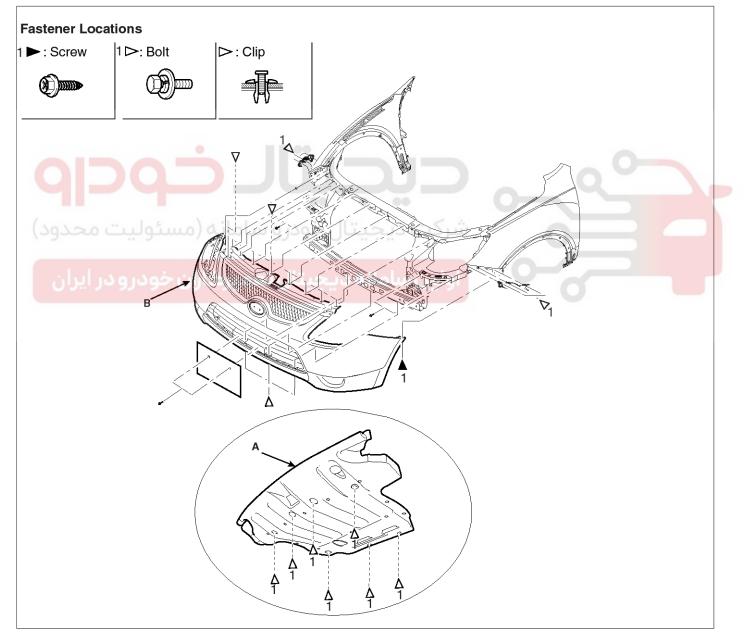
Bumper

Front Bumper

Replacement

WNOTICE

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not bend or scratch the cover and other parts.
- 1. Installation is the reverse of removal.



SENBD8194L

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Bumper

Rear Bumper

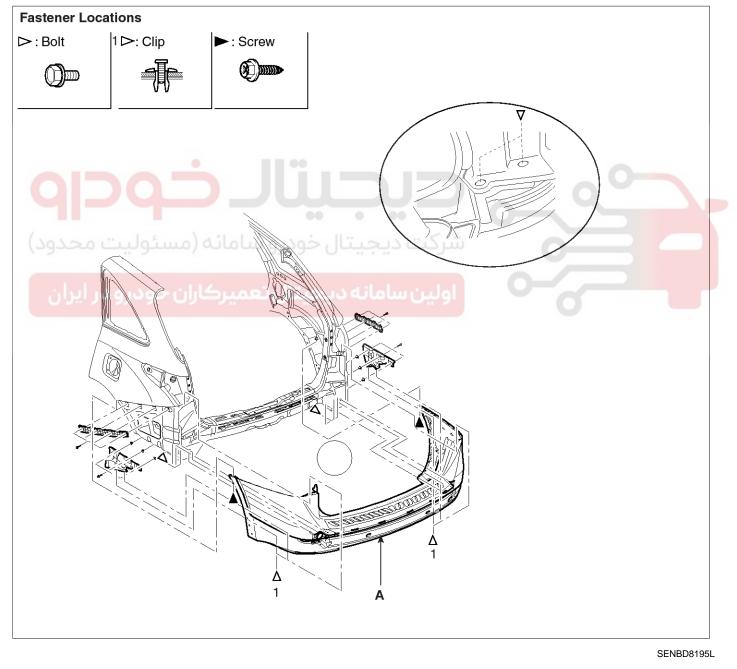
Replacement

WNOTICE

- After remove the rear combination lamp.
- 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.
- Take care not bend or scratch the cover and other parts.

- 1. Loosen the rear bumper cover screws and clips.
- 2. Remove the rear bumper cover (A).
- 3. Installation is the reverse of removal.

Replace any damage clips.



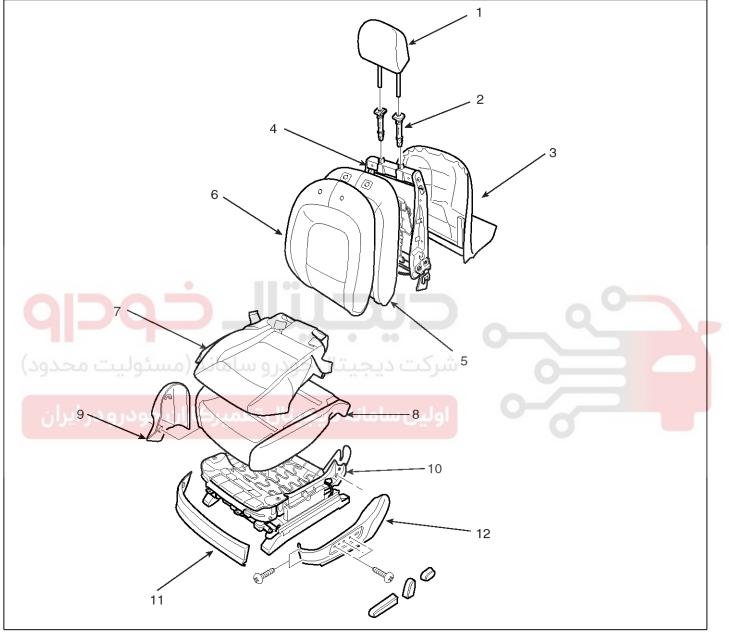
BD-91

Body (Interior and Exterior)

Seat & Power Seat

Front Seat

Components



- 1. Headrest
- 2. Headrest guide
- 3. Back panel
- 4. Back frame

- 5. Seat back pad
- 6. Seat back cover
- 7. Seat cushion cover
- 8. Seat cushion pad

- 9. Recliner cover
- 10. Seat cushion frame
- 11. Front cover
- 12. Recliner cover

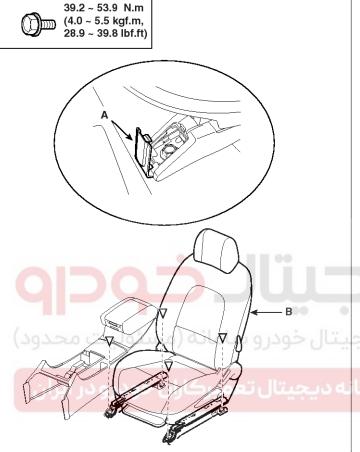
SENBD9205L

Seat & Power Seat

Replacement

Seat Assembly Replacement

- 1. Remove the seat assembly mounting cover (A).
- 2. After loosening the seat assembly mounting bolts and nuts, remove the seat assembly (B).
- ▷: Bolt Locations

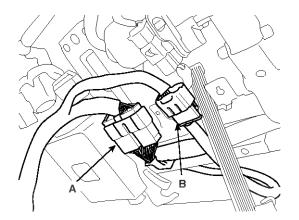


SENBD7096L

3. Disconnect the connectors, and remove the seat assembly.

Driver's

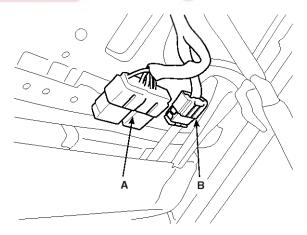
 Disconnect the power seat connector (A), airbag connector, seat heater connector, seat belt buckle connector (B) and then remove the seat assembly.



SENBD7097D

Passenger's

 Disconnect the power seat connector (A), airbag connector, seat heater connector, seat belt buckle connector (B) and then remove the seat assembly.



SENBD7098D

021-62999292

BD-94

4. Installation is the reverse of removal.

ACAUTION SEAT MOUNTING BOLT INSTALLATION PROCE-DURE (manual seat only)

- 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 to and fro smoothyand the locking portion locks properly.

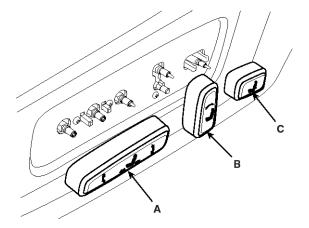
Body (Interior and Exterior)

Recliner Cover Replacement

1. Remove the sliding knob, recliner knob, height knob.

Driver's

- Remove the sliding knob (A), recliner knob (B), height knob(C).



SENBD7099D

Passenger's

в

Δ

- Remove the sliding knob (B), recliner knob (A).

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BD-95

Seat & Power Seat

2. Remove the front cover (B).

: Screw

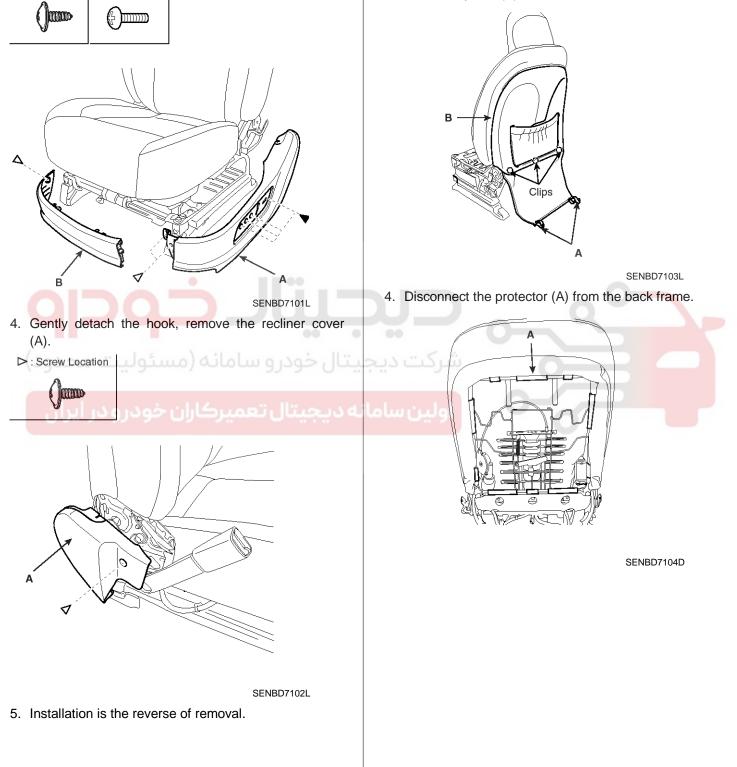
Fastener Locations

C: Screw

3. After loosening the mounting screws, then remove the recliner cover (A).

Seat Back Cover Replacement

- 1. Remove front seat assembly.
- 2. Remove the recliner cover.
- 3. After disconnecting the scuff band (A), remove the seat back panel (B).



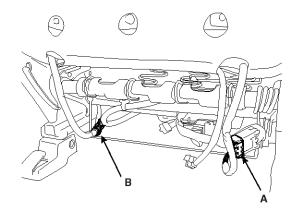
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BD-96

5. Disconnect the connector (A).



SENBD7105D

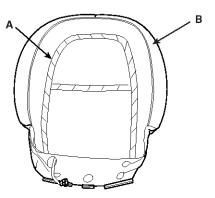
6. Pull out the headrest guides (A) while pinching the end of the guides, and remove them.



SENBD7106D

Body (Interior and Exterior)

7. After removing the tape (A) on the front of seat back remove the seat back cover (B).



SENBD7107D

8. Installation is the reverse of removal.



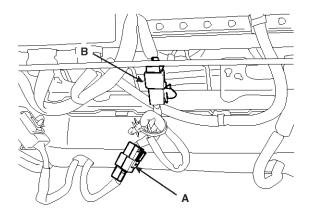
BD-97

021-62999292

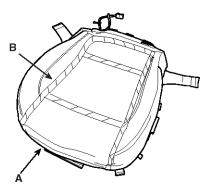
Seat & Power Seat

Seat Cushion Cover Replacement

- 1. Remove front seat assembly.
- 2. Remove the recliner cover .
- 3. Disconnect the connector (A).



5. After removing the tape (B) on the front of seat back remove the seat cushion cover (A).



SENBD7110D

- 6. Installation is the reverse of removal.
- SENBD7108D 4. After disconnect the protector (A), then remove the seat cushion (B).

SENBD7109L



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Seat Frame Replacement

- 1. Remove the following items.
 - Recliner cover.
 - Seat back panel.
 - Headrest guide.
 - Seat back cover.
 - Seat cushion cover
- 2. Disconnect the connector (C).
- 3. After loosening the mounting bolts, then disconnect the seat back frame (A) and seat cushion frame (B).

WNOTICE

- Remove the side air bag for replacing side air bag installation seat.
- Be fore service, be fully aware of precautions and service procedure relevant to air bag (Refer to page RT-Airbag)



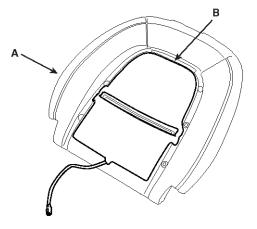
SENBD7111D

4. Installation is the reverse of removal.

Body (Interior and Exterior)

Seat Cushion Heater Replacement

- 1. Remove the seat cushion cover.
- 2. Disconnect the sponge (A) from the seat back assembly.
- 3. Cut the heater (B) attached to the sponge, as shown in the picture.



SENBD7112D

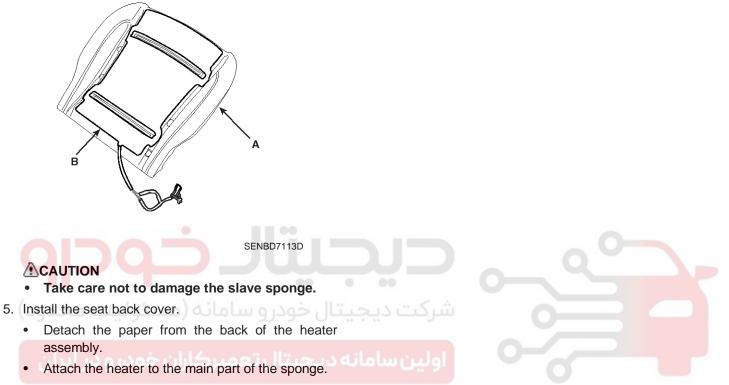
- Take care not to damage the slave sponge.
- 4. Install the seat back cover.
 - Detach the paper from the back of the heater assembly.
 - Attach the heater to the main part of the sponge.

• Be sure to match the heater with main appearance.

Seat & Power Seat

Seat Cushion Heater Replacement

- 1. Remove the seat back cover.
- 2. Remove the seat cushion heater (A).
- 3. Disconnect the sponge (A) from the seat back assembly.
- 4. Cut the heater (B) attached to the sponge, as shown in the picture.



• Be sure to match the heater with main appearance.

BD-99

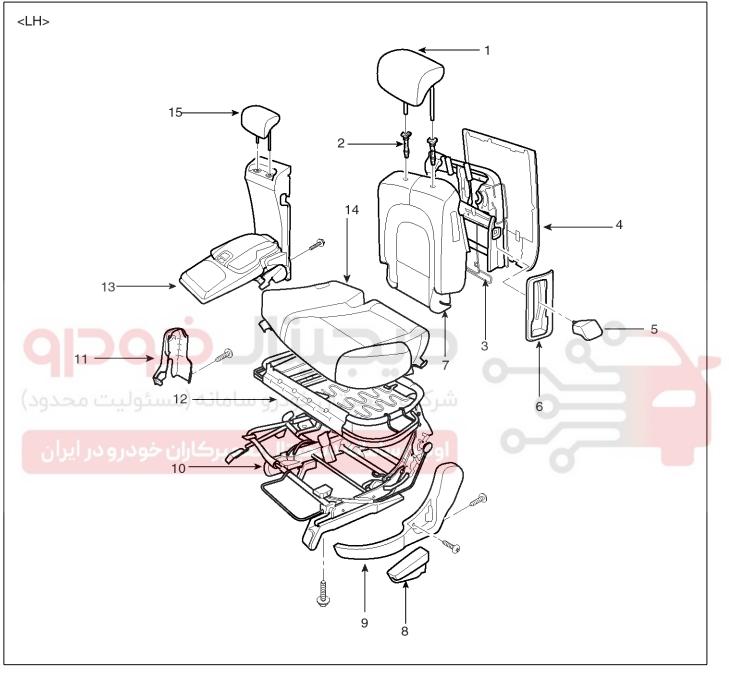
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BD-100

Body (Interior and Exterior)

Rear Seat

Components



- 1. Headrest
- 2. Headrest guide
- 3. Seat back frame
- 4. Seat back panel
- 5. Recliner lever

- 6. Recliner cover
- 7. Seat cushion
- 8. Recliner lever
- 9. Recliner cover
- 10. Leg assembly

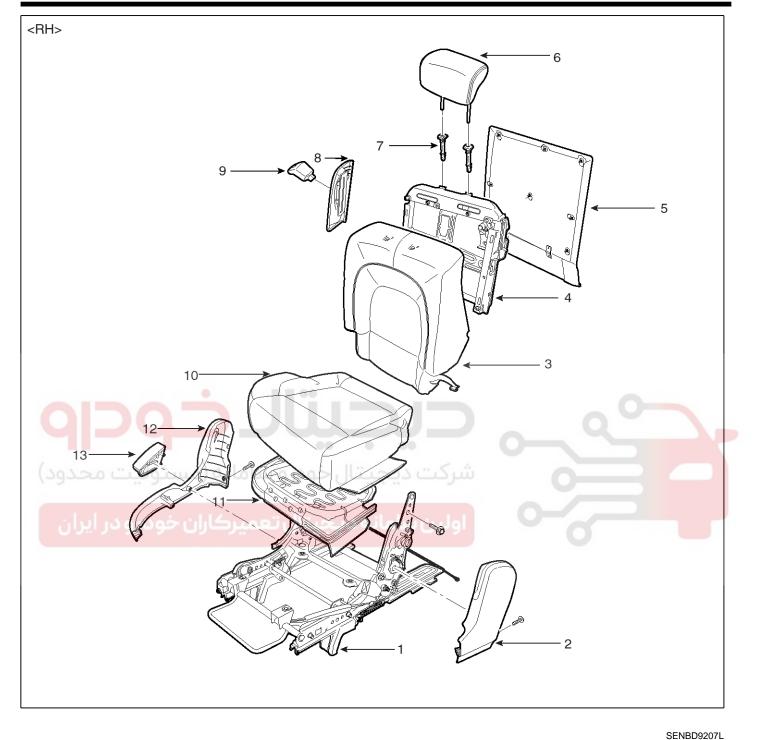
- 11. Recliner cover
- 12. Seat cushion frame
- 13. Armrest assembly
- 14. Seat cushion
- 15. Headrest

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Seat & Power Seat

BD-101



- 1. Seat cushion frame
- 2. Recliner cover
- 3. Seat back cushion& cover
- 4. Seat back frame

- 5. Seat back cover
- 6. Headrest
- 7. Headrest guide
- 8. Recliner cover

- 9. Recliner lever
- 10. Seat cushion cover &pad
- 11. Seat cushion frame
- 12. Shield cover
- 13. Recliner lever

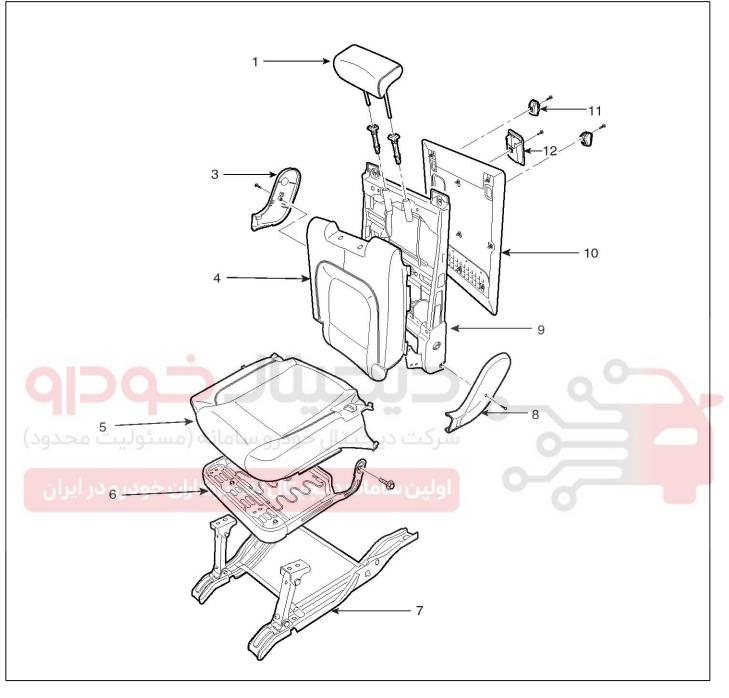
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BD-102

Body (Interior and Exterior)

Thrid Seat



1. Headrest

- 2.Headrest guide
- 3.Recliner cover
- 4.Seat back cover & pad
- 5. Seat cushion cover & pad
- 6. Seat cushion frame
- 7. Leg assembly
- 8. Recliner cover

- SENBD9208L
- 9. Seat back frame
- 10. Seat back panel
- 11. Hook
- 12. Recliner cover

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BD-103

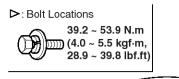
Seat & Power Seat

Replacement

Secondary Seat (L/H)

Seat Assembly Replacement

- 1. Disconnect the seat assembly mounting cover (L).
- 2. Loosen the mounting bolt, then remove the rear seat assembly (K).



3. Installation is the reverse of removal.

- Set the seat into the floor properly.
 - Unbind the connecting band between the seat and slide buckle.

Tighten the bolt temporarily in the order $E \rightarrow D \rightarrow C$.

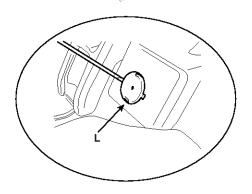
• Set the seat into the most rearward position. Assemble the H, I temporaily, then tighten the J completely.

And tighten the H, I completely.

• Tighten the bolt completely in the order $C \rightarrow D \rightarrow E$.

Assemble the front cover of the seat and buckle. Set the seat into the most rearward position.

 Assemble the track cover of the seat and buckle buckle check thant the seat operates back and forth smoothly and the locking portion of seat locks properly. And then set the seat into the most rearward position.



SENBD7114L

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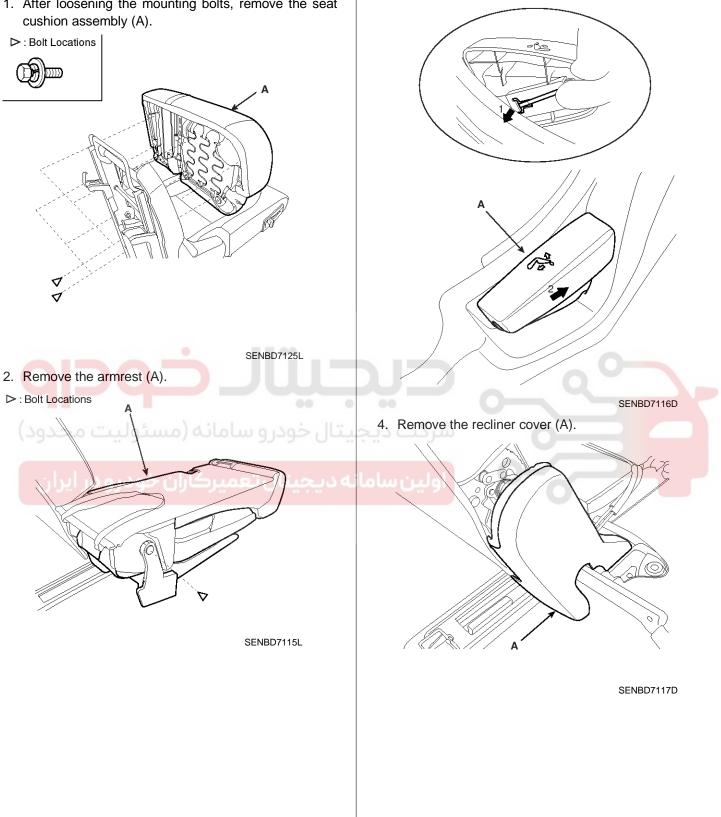
BD-104

Seat Back Cover Replacement

- 1. After loosening the mounting bolts, remove the seat cushion assembly (A).
- C: Bolt Locations

Body (Interior and Exterior)

3. Using a screwdriver, remove the recliner lever (A).

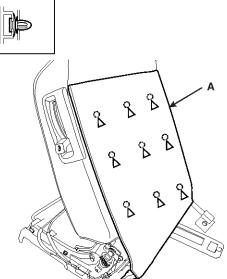


BD-105

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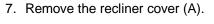
Seat & Power Seat

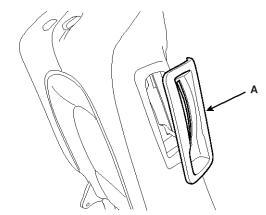
- 5. Remove the seat back panel (A).
- ▷: Clip Locations



- 6. Remove the recliner lever (A).
 - er (A).

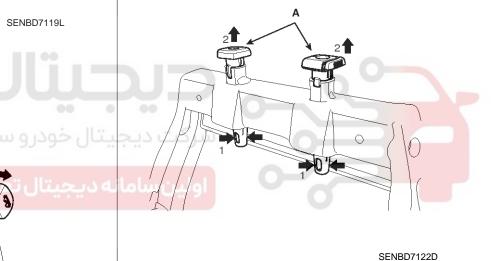
Δ





SENBD7121D

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



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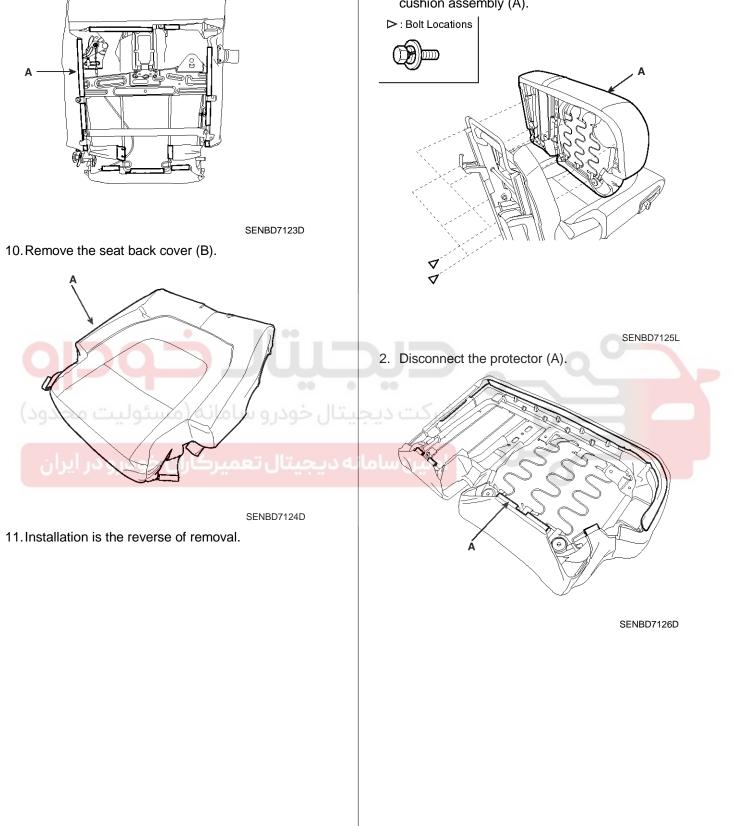
BD-106

9. Disconnect the protector (A).

Body (Interior and Exterior)

Seat Cushion Cover Replacement

1. After loosening the mounting bolts, remove the seat cushion assembly (A).

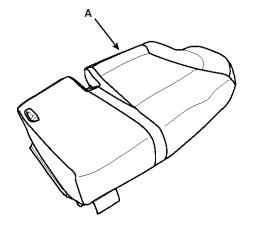


021-62999292

BD-107

Seat & Power Seat

3. Disconnect the hog ring clip on the front of seat cushion, remove the seat cushion cover (A).



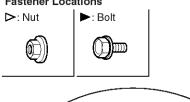
SENBD7127D

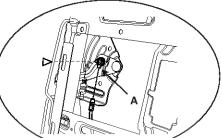
4. Installation is the reverse of removal.

Seat Frame Replacement

- 1. Remove the seat back cover.
- 2. Remove the seat cushion cover.
- 3. Loosen the recliner cable mounting nut (A).
- 4. After loosening the mounting bolts, then disconnect the seat back frame and seat cushion frame.

Fastener Locations







SENBD7128L

5. Installation is the reverse of removal.

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BD-108

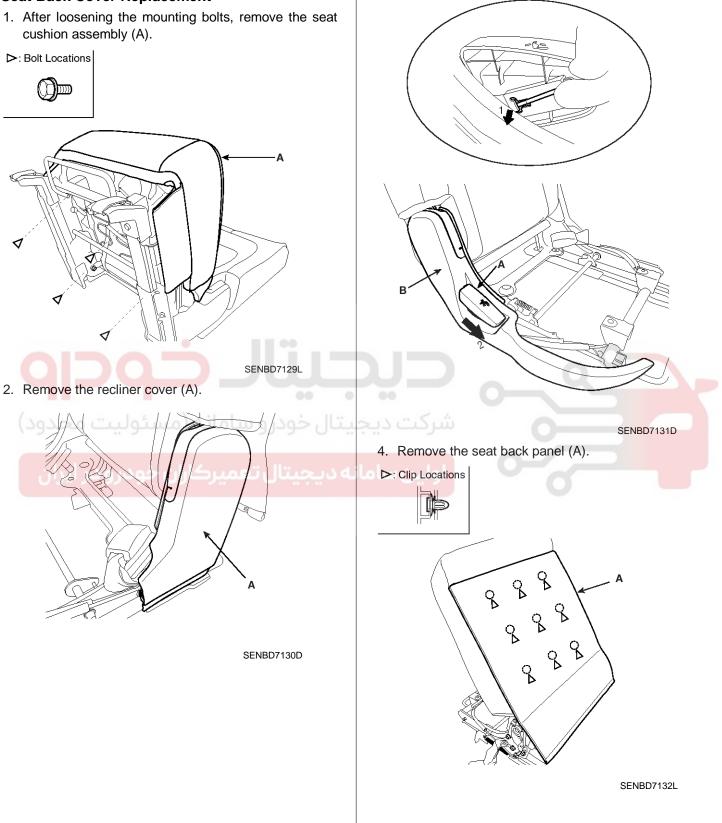
Secondary Seat (R/H)

Seat Back Cover Replacement

- cushion assembly (A).



3. Using a screwdriver, remove the recliner lever (A).

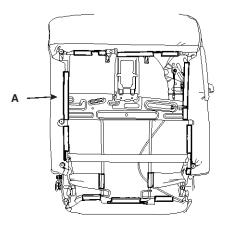


BD-109

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Seat & Power Seat

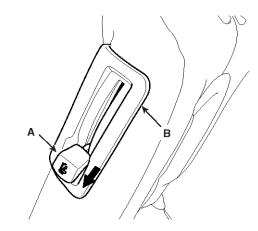
5. Disconnect the protector (A).



SENBD7133D

6. Remove the headrest and headrest guide (A).

7. Remove the recliner lever (A) and recliner cover (B).



SENBD7134D

8. Disconnect the hog ring clip on the front of seat cushion, remove the seat cushion cover (A).



SENBD7122D

SENBD7135D

9. Installation is the reverse of removal.

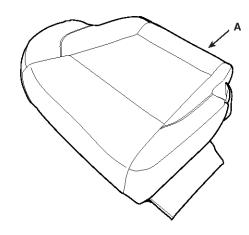
BD-110

Seat Cushion Cover Replacement

- 1. After loosening the mounting bolts, remove the seat cushion assembly (A).
- >: Bolt Locations Α

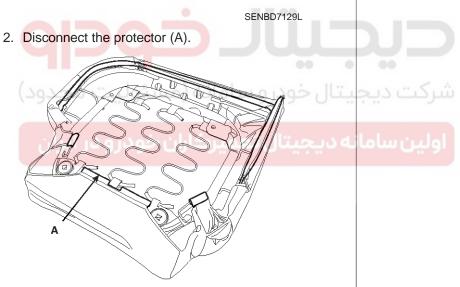
Body (Interior and Exterior)

3. Disconnect the hog ring clip on the front of seat cushion, remove the seat cushion cover (A).



SENBD7137D

4. Installation is the reverse of removal.



SENBD7136D

021-62999292

Seat & Power Seat

BD-111

Seat Frame Replacement

- 1. Remove the seat back cover.
- 2. Remove the seat cushion cover.
- 3. Loosen the recliner cable mounting nut(A).
- 4. After loosening the mounting bolts, then disconnect the seat back frame and seat cushion frame .
- C: Bolt Locations



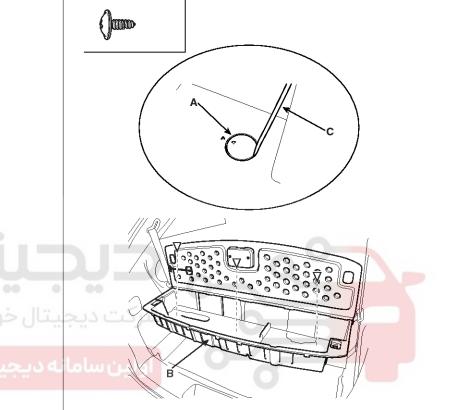
SENBD7138L

5. Installation is the reverse of removal.

Third Seat

Seat Assembly Replacement

- 1. Remove the extinguisher and tool.
- 2. Using a screwdriver(C), remove the cab (A).
- 3. After loosening the mounting screw, then remove the luggage floor box (B).
- >: Screw Locations



SENBD7171L

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BD-112

- 4. Disconnect the seat mounting cover (A).
- 5. After loosening the mounting bolts, then remove the seat assembly (B).

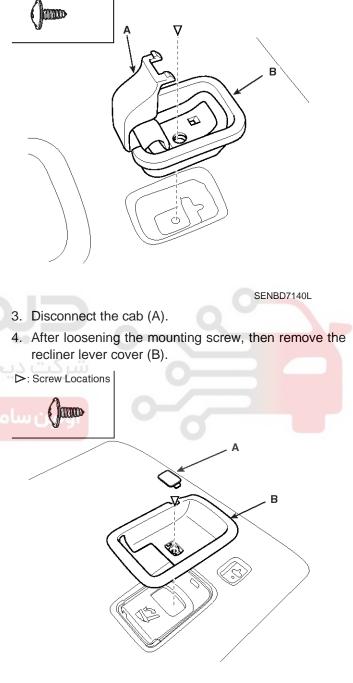


6. Installation is the reverse of removal.

Body (Interior and Exterior)

Seat Back Cover Replacement

- 1. Remove the third seat assembly.
- 2. Disconnect the cover (A), remove the hook (B).
- C: Screw Locations



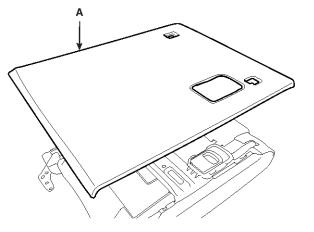
SENBD7141L

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BD-113

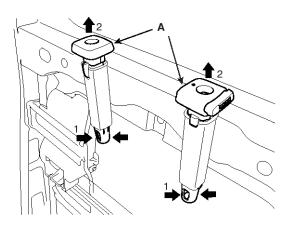
Seat & Power Seat

5. Remove the seat back panel (A).

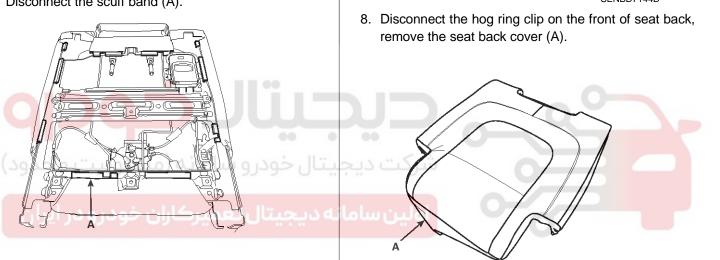


6. Disconnect the scuff band (A).

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



SENBD7144D



SENBD7143D

SENBD7142D

SENBD7146D

9. Installation is the reverse of removal.

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BD-114

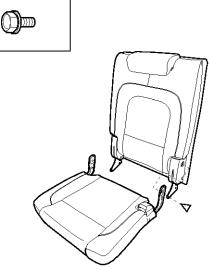
Seat Cushion Cover Replacement

- 1. Remove the third seat assembly.
- Loosen the mounting bolts, remove the seat cushion (A).
- ▷: Bolt Locations, 2 SENBD7147L 3. Remove the recliner cover (A).

SENBD7148D

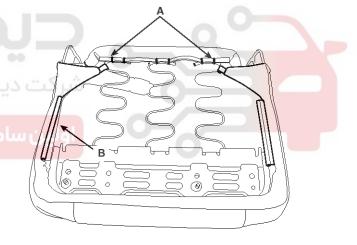
Body (Interior and Exterior)

- 4. Disconnect the seat back (A) and seat cushion (B).
- ▷: Bolt Locations



SENBD7149L

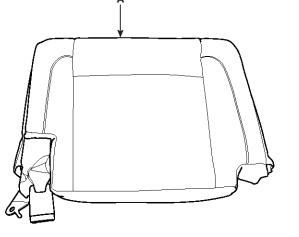
5. Disconnect the hog ring clip (A) and scuff band (B).



SENBD7150D

Seat & Power Seat

6. Disconnect the hog ring clip on the front of seat cushion, remove the seat cushion cover (A).



SENBD7151D

7. Installation is the reverse of removal.



BD-115

021-62999292

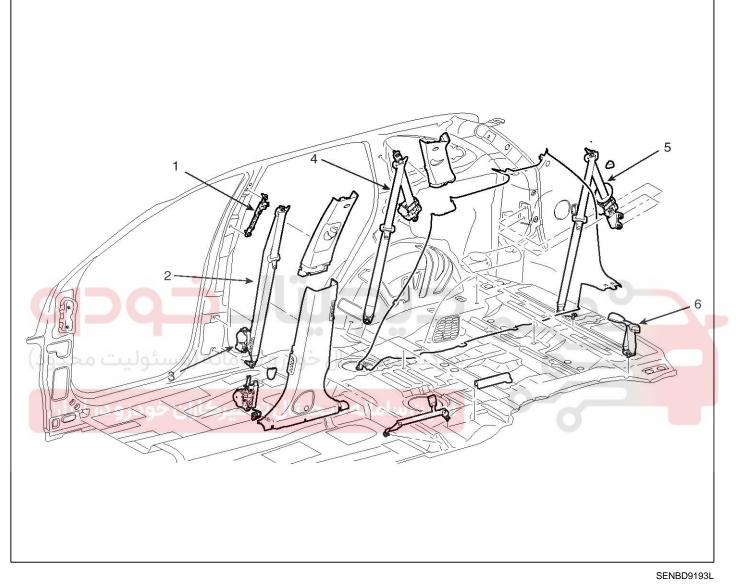
BD-116

Body (Interior and Exterior)

Seat Belt

Front Seat Belt

Components



- Secondary seat belt
 Third seat belt
- 6. Third seat belt buckle

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

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BD-117

Seat Belt

Replacement

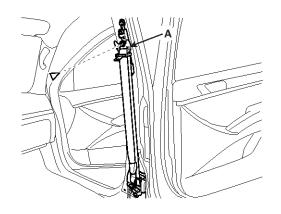
Front Seat Belt Replacement

- When installing the belt, make sure not to damage the pretensioner.
- 1. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
- 2. Remove the following items first.
 - Front seat assembly.
 - Door scuff trim.
- 3. After raise the lower anchor cover (A), loosen the lower anchor (B) mounting bolt .



>: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)

- 4. Remove the center pillar lower trim.
- 5. Remove the center pillar upper trim.
- 6. After loosening the mounting bolt, remove the upper anchor (A).
- ▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



SENBD7175D

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

▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)

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SENBD7174L

BD-118

Secondary Seat Belt Relacement

- When installing the belt, make sure not to damaged the pretensioner.
- 1. Remove the following items first.
 - Rear seat assembly.
 - Rear door scuff trim.
- 2. After raise the lower anchor cover (A), loosen the lower anchor (B) mounting bolt.

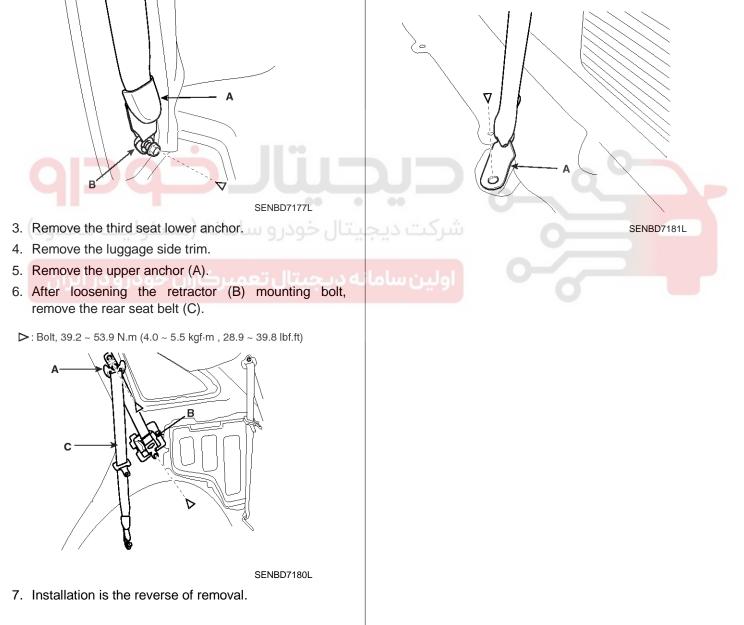
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▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)
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Body (Interior and Exterior)

Third Seat Belt Relacement

- When installing the belt, make sure not to damaged the pretensioner.
- 1. Remove the following items first.
 - Rear seat assembly.
 - Rear door scuff trim.
 - Tranverse trim.
- 2. After loosening the mounting bolt, remove the lower anchor (A).

▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



BD-119

021-62999292

Seat Belt

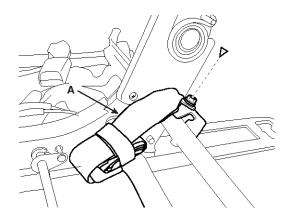
- 3. After disconnect the cover (A), remove the luggage side trim.
- 4. Remove the rear pillar trim.
- 5. After loosening the retractor (B) mounting bolt, remove the rear seat belt (C).
- ▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf⋅m , 28.9 ~ 39.8 lbf.ft)



Secondry Center Seat Belt Replacement

- 1. Remove the secondary seat assembly.
- 2. Remove the seat back.
- 3. After loosening the mounting bolt, remove the seat belt (A).

▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



SENBD7184L

4. Installation is the reverse of removal.

SENBD7179L

6. Installation is the reverse of removal.

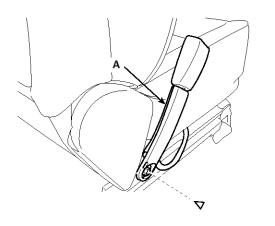
021-62999292

BD-120

Front Seat Belt Buckle Replacement

- 1. Remove the front seat assembly.
- 2. Remove the wire harness of buckle from seat.
- 3. Remove the seat belt buckle (A).

▷: Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



SENBD7176L

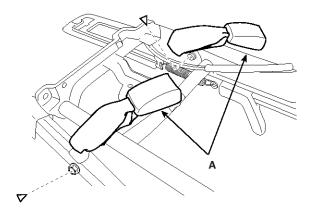
4. Installation is the reverse of removal.

Body (Interior and Exterior)

Secondary Seat Belt Buckle Replacement

- 1. Remove the secondary seat assembly.
- 2. Remove the secondary seat cushion.
- 3. Remove the seat belt buckle (A).

▷ : Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



SENBD7183L

4. Installation is the reverse of removal.

021-62999292

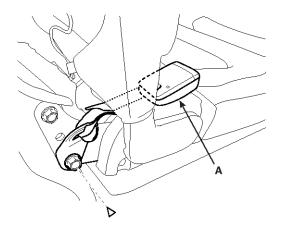
Seat Belt

BD-121



- 1. Remove the third seat assembly.
- 2. Remove the seat belt buckle (A).

▷ : Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



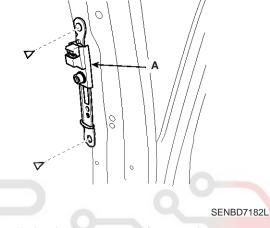
SENBD7185L

3. Installation is the reverse of removal.

Hight Adjuster Replacement

- 1. Remove the following items first.
 - A. Front seat assembly.
 - B. Door scuff trim.
 - C. Front seat belt.
 - D. Center pillar trim.
- 2. After loosening the mounting bolt, then remove the height adjuster (A).

▷:Bolt, 39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf·m , 28.9 ~ 39.8 lbf.ft)



3. Installation is the reverse of removal.

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