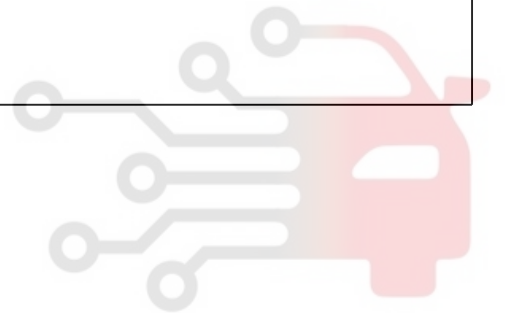


BD-2**Body (Interior and Exterior)****General Information****SPECIFICATIONS**

Hood • Type	Rear hinged, front opening type (open stay rod type)
Front door • Construction • Regulator system	Front hinged, full door construction X-arm type
Rear door • Construction • Regulator system	Front hinged, full door construction X-arm type
Trunk lid • Type	Torsion bar type
Glass thickness • Windshield glass • Front door glass • Rear door glass • Rear window glass	5.0mm 3.2mm 3.2mm 3.5mm
Seat belts • Driver's seat • Front passenger seat & Rear seats (LH/RH) • Rear seat (center)	3 point type 3 point type Fixed 2 point type

شرکت دیجیتال خودرو (مسئولیت محدود)

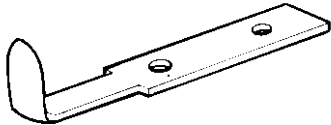
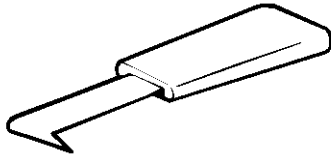
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



General Information

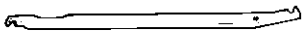
BD-3

SPECIAL TOOLS

Tool (Number and name)	Illustration	Use
09793-21000 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 clip
09861-31100 Sealant cut-out tool		Cutting the sealant of the windshield (Use with 09861-31200)
09861-31200 Sealant cutting blade		Cutting the sealant of the windshield (Use with 09861-31100)
09861-31000 Windshield moulding remover		Removal of the windshield moulding

BD-4

Body (Interior and Exterior)

Tool (Number and name)	Illustration	Use
09861-22000 Torsion bar wrench		Removal and installation of the torsion bar in the luggage compartment

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



General Information

BD-5

TROUBLESHOOTING

Symptom	Suspect Area	Remedy
Water leaks from sunroof	Dirt accumulated in drain tube	Clear dirt inside of drain
	Clogged drain tube	Blow air into drain to remove dirt
	Broken or dislocated drain tube, defective or c-racked clip	Check tube installation and flange contact
	Deteriorated roof lid weatherstrip	Replace
	Excessive roof lid-to-body clearance and improperly fitted weatherstrip	Adjust
Wind noise around sunroof	Loose or deformed deflector, gaps in body work	Retighten adjust or replace
Sunroof lid makes a noise when moved	Foreign particles lodged in guide rail	Check drive cable and guide rails for foreign particles
	Loose guide rails and lid	Retighten
Motor runs but sunroof does not move or moves only partially	Foreign particles lodged in guide rail	Check drive cable and guide rails for foreign particles
	Incorrect engagement of motor pinion with drive cable	Check for loose motor installation and damaged pinion
	Decrease in motor's clutch slipping force	Adjust
	Increased sunroof sliding resistance or interference of sunroof with drive cables, weatherstrip, etc. due to maladjustment of sunroof	Adjust or replace
Noise in motor (clutch slipping noise from 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 bearing	Replace motor assembly
	Worn out or deformed drive cable	Replace
Door glass fails to operate up and down	Incorrect window glass installation	Adjust position
	Damaged or faulty regulator arm or regulator	Correct or replace
Door does not open or close completely	Incorrect door installation	Adjust position
	Defective door check assembly	Correct or replace
	Door hinge requires grease	Apply grease
Hood does not open or close completely	Striker and latch not properly aligned	Adjust
	Incorrectly installed hood	Adjust
	Incorrect hood bumper height	Adjust
Water leaks through windshield and rear window	Defective seal	Fill with sealant
	Defective flange	Correct

BD-6

Body (Interior and Exterior)

Symptom	Suspect Area	Remedy
Wind noise around door	Weatherstrip not holding firmly	Adjust fit or door
	Improperly installed weatherstrip	Repair or replace
	Improperly closed door	Adjust
	Improperly fit door	Adjust
	Improperly clearance between door glass and division channel	Adjust
	Deformed door	Repair or replace

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



General Information

BD-7

TIGHTENING TORQUE

Item	Description	N·m	kg·m	lb·ft
Front fender	Mounting bolts	7 ~ 9	0.7 ~ 0.9	5 ~ 7
Hood	Hinge bolts (Body side)	22 ~ 27	2.2 ~ 2.7	16 ~ 20
	Hinge bolts (Hood side)	22 ~ 27	2.2 ~ 2.7	16 ~ 20
Trunk lid	Hinge bolts (Body side)	7 ~ 9	0.7 ~ 0.9	5 ~ 7
	Hinge bolts (Trunk lid side)	7 ~ 9	0.7 ~ 0.9	5 ~ 7
	Latch bolts	7 ~ 11	0.7 ~ 1.1	5 ~ 8
	Striker bolts	7 ~ 11	0.7 ~ 1.1	5 ~ 8
Front / Rear door	Hinge bolts (Body side)	35 ~ 42	3.5 ~ 4.2	25 ~ 30
	Hinge bolts (Door side)	13 ~ 26	1.3 ~ 2.6	9 ~ 19
	Checker bolts (Body side)	17 ~ 22	1.7 ~ 2.2	12 ~ 16
	Checker bolts (Door side)	7 ~ 11	0.7 ~ 1.1	5 ~ 8
	Door module bolts	8 ~ 12	0.8 ~ 1.2	6 ~ 9
	Door module nuts	8 ~ 12	0.8 ~ 1.2	6 ~ 9
	Door speaker bolts	8 ~ 12	0.8 ~ 1.2	6 ~ 9
	Glass mounting bolts	8 ~ 12	0.8 ~ 1.2	6 ~ 9
	Door glass grip bolts	8 ~ 12	0.8 ~ 1.2	6 ~ 9
	Door channel bracket mounting bolts	8 ~ 12	0.8 ~ 1.2	6 ~ 9
	Outside handle bolts	7 ~ 11	0.7 ~ 1.1	5 ~ 8
	Outside handle screw	7 ~ 11	0.7 ~ 1.1	5 ~ 8
	Inside handle screw	4 ~ 8	0.4 ~ 0.8	3 ~ 6
	Latch screws	7 ~ 11	0.7 ~ 1.1	5 ~ 8
	Striker screws	17 ~ 22	1.7 ~ 2.2	12 ~ 16
Sunroof	Mounting nuts	9 ~ 13	0.9 ~ 1.3	7 ~ 9
	Mounting bolts	9 ~ 13	0.9 ~ 1.3	7 ~ 9
	Glass height adjustment screws	2 ~ 4	0.2 ~ 0.4	1 ~ 3
Outside rearview mirror	Mounting nuts	7 ~ 11	0.7 ~ 1.1	5 ~ 8
Front bumper	Bumper rail mounting bolts	22 ~ 27	2.2 ~ 2.7	16 ~ 20
Rear bumper	Mounting bolts	35 ~ 55	3.5 ~ 5.5	25 ~ 40
Front seat	Mounting nuts	35 ~ 55	3.5 ~ 5.5	25 ~ 40
	Mounting bolts	35 ~ 55	3.5 ~ 5.5	25 ~ 40
Rear seat	Seatback lower mounting bolts	17 ~ 26	1.7 ~ 2.6	12 ~ 19

BD-8

Body (Interior and Exterior)

Item	Description	N·m	kg·m	lb·ft
Seat belt	Anchor bolt	40 ~ 55	4.0 ~ 5.5	29 ~ 40
	Rear seat belt buckle mounting bolts	40 ~ 55	4.0 ~ 5.5	29 ~ 40
	Retractor mounting bolt	40 ~ 55	4.0 ~ 5.5	29 ~ 40

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



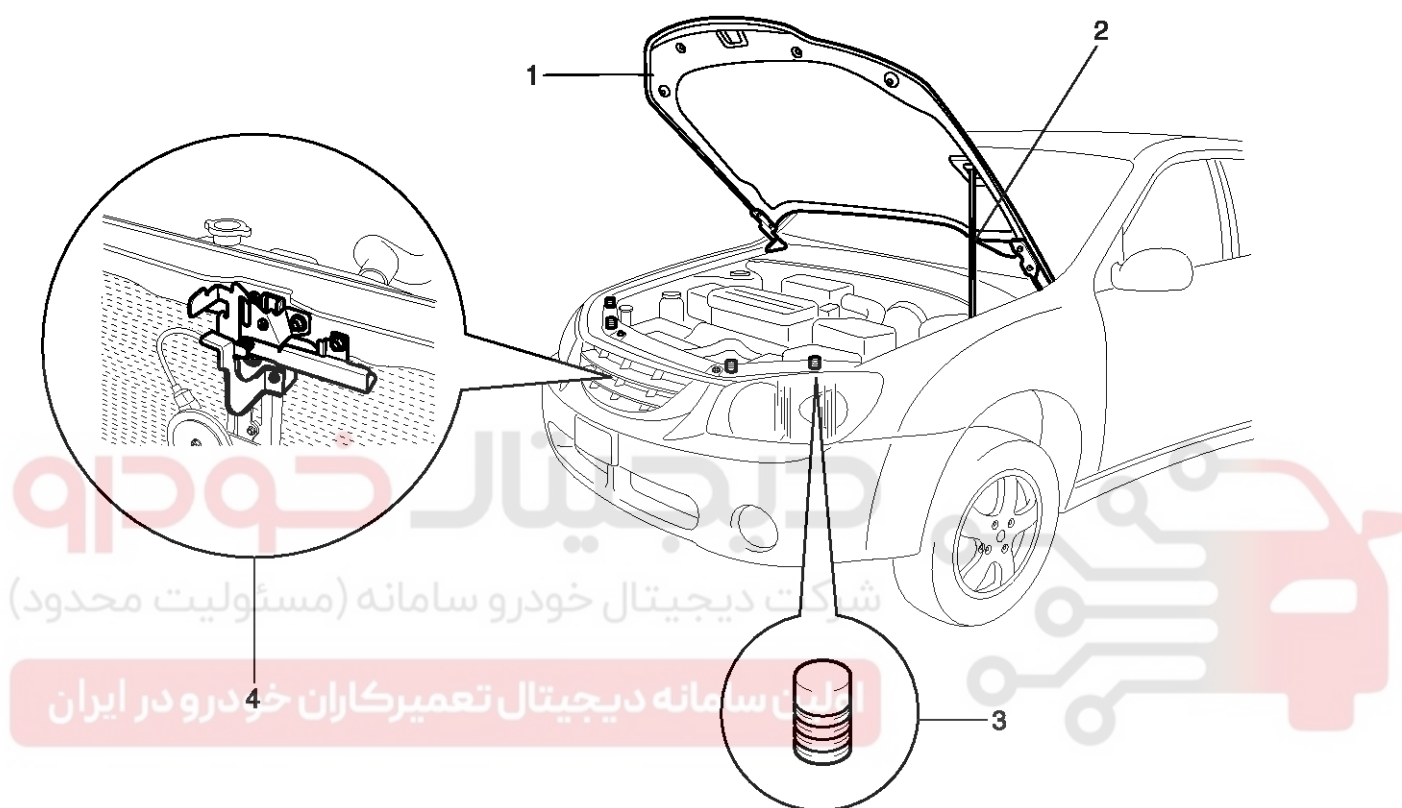
Exterior

BD-9

Exterior

Hood

COMPONENTS



- 1. Hood panel
- 2. Hood stay load

- 3. Hood over slam bumper
- 4. Hood latch

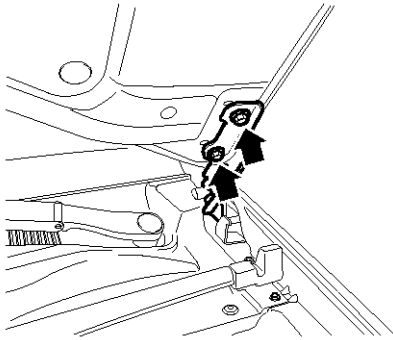
BSGE002A

BD-10**Body (Interior and Exterior)****ADJUSTMENT****HOOD HINGE**

1. Check that the hood can be closed easily and properly. If there is a problem, open the hood and tighten the hood hinge mounting bolts.

Tightening torque :

22~27 N·m (2.2~2.7 kg·m, 16~20 lb·ft)



دیجیتال خودرو

ASGE002B

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

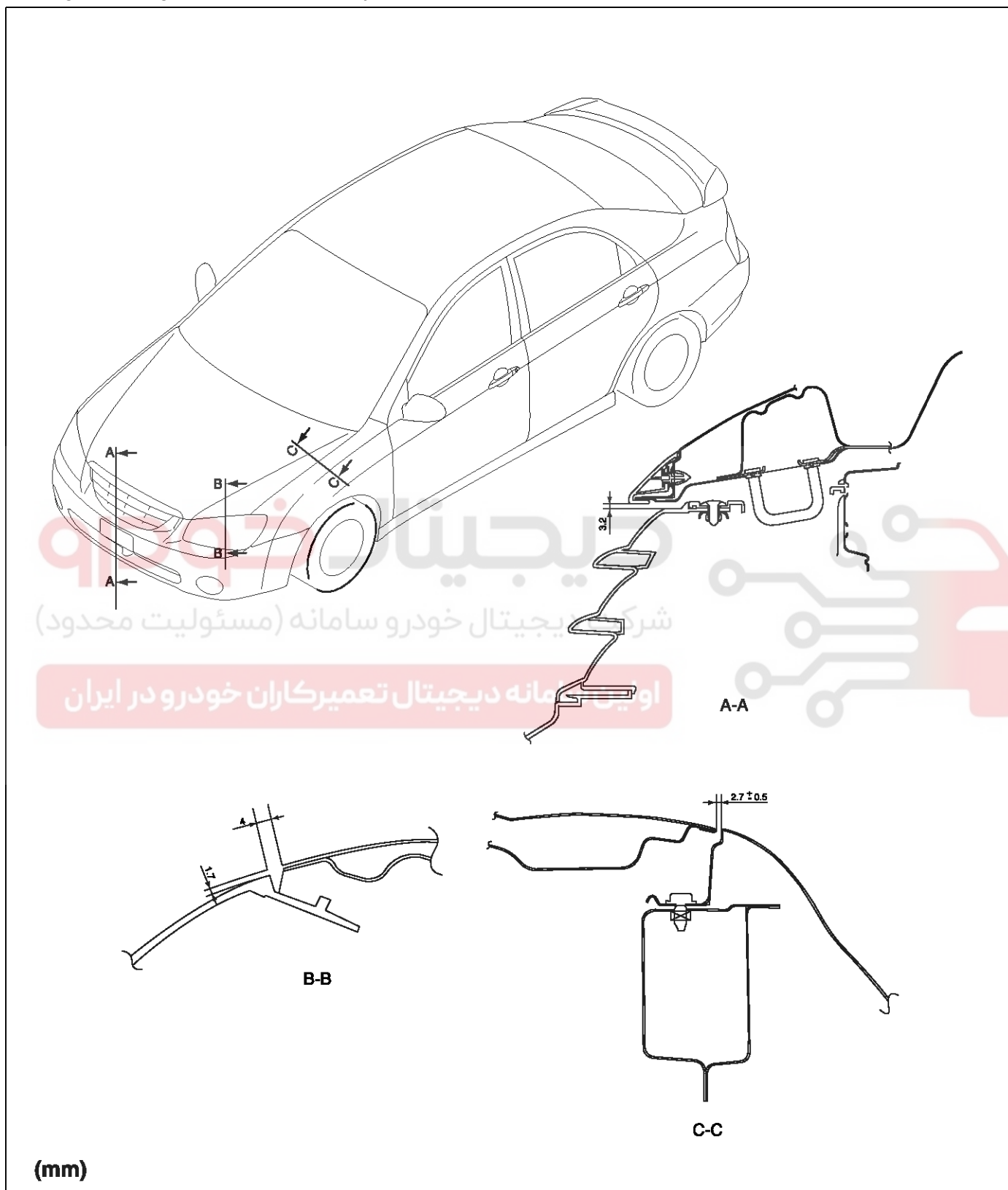
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Exterior

BD-11

- To adjust the hood-to-body offset, loosen the hood hinge mounting bolts and make the adjustment.



ASGE002C

BD-12

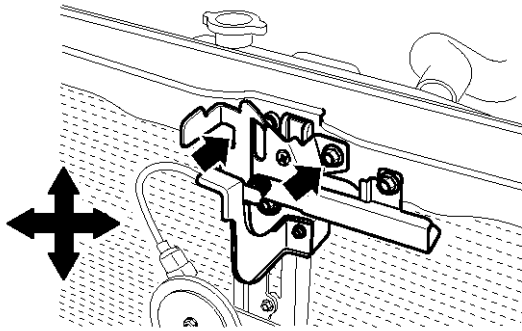
Body (Interior and Exterior)

HOOD LATCH

1. Check that the hood can be closed easily and properly. If there is a problem, loosen the latch mounting bolts and adjust the hood by moving the latch vertically or horizontally.

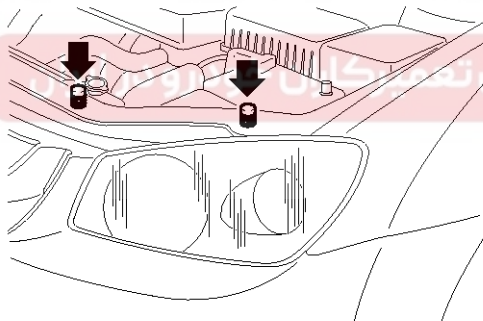
Tightening torque :

7~11 N·m (0.7~1.1 kg·m, 5~8 lb·ft)



ASGE002D

2. Adjust the front offset of the hood to the body by moving the hood over slam bumper vertically.



ASGE002E

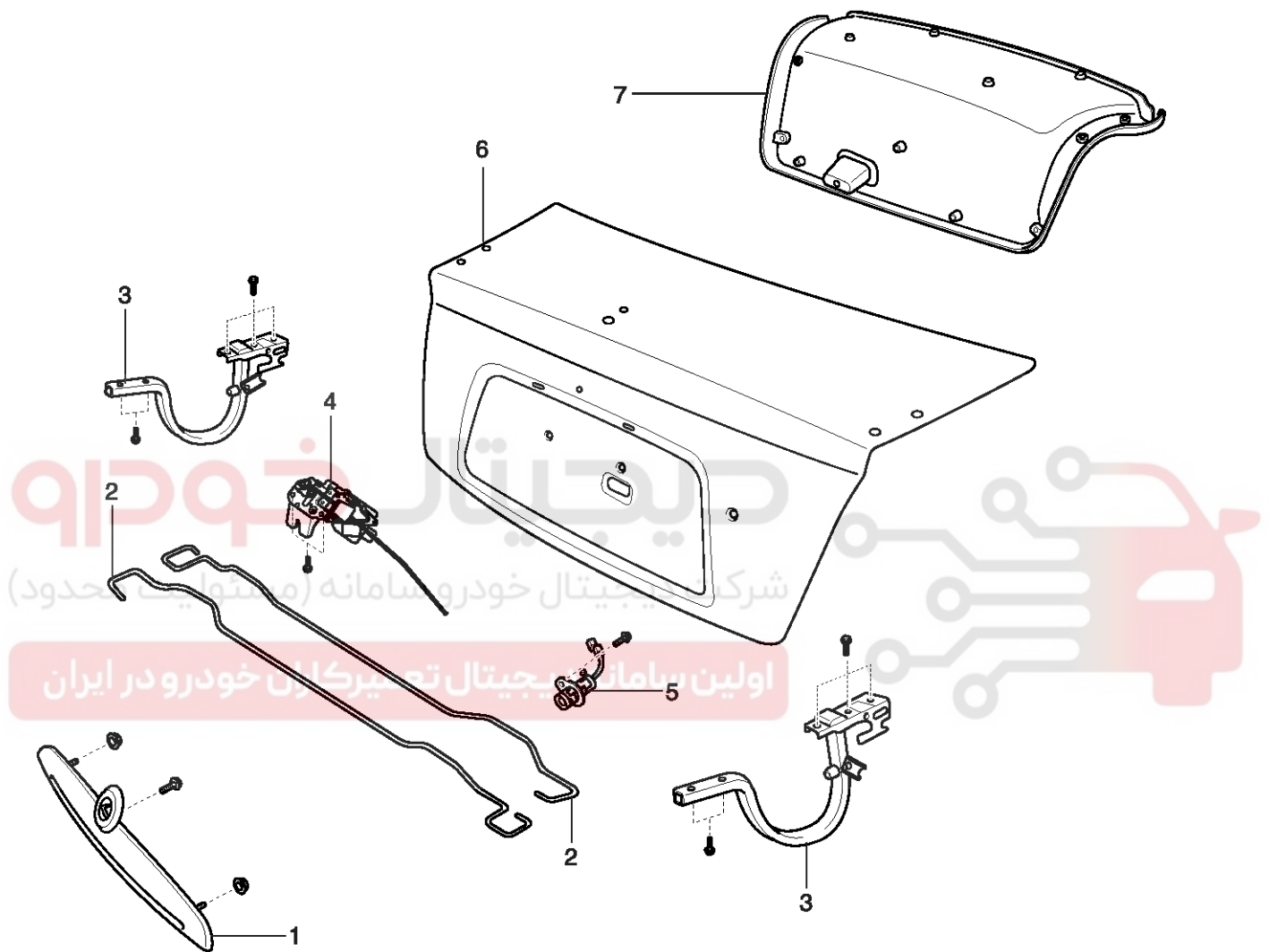


Exterior

BD-13

Trunk Lid

COMPONENTS



- 1. License garnish lamp
- 2. Torsion bar
- 3. Trunk lid hinge
- 4. Trunk lid latch

- 5. Trunk lid key cylinder
- 6. Trunk lid panel
- 7. Trunk lid trim

BSGE003A

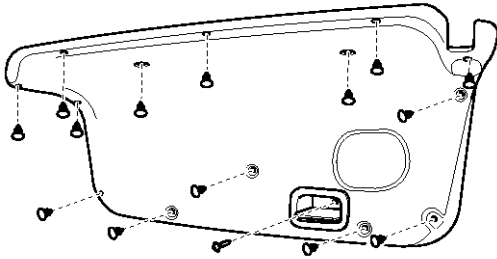
BD-14

Body (Interior and Exterior)

REMOVAL AND INSTALLATION

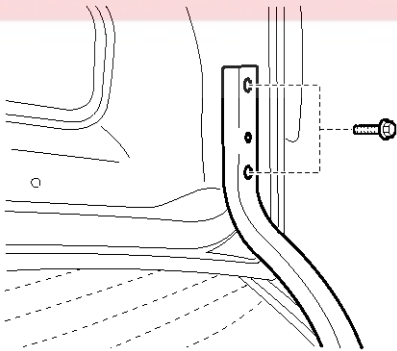
TRUNK LID PANEL

1. Remove trunk lid trim.



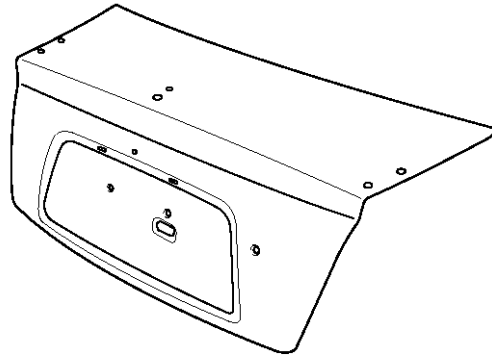
ASGE003B

- 1) Remove fasteners(14).
- 2) Remove pull handle screw.
- 3) Remove trunk lid trim.
2. Remove trunk lid wire harness.
 - 1) Disconnect trunk lid electrical connector.
 - 2) Remove trunk lid wire harness.
3. Remove trunk lid.
 - 1) Remove trunk lid mounting bolts(4) (LH/RH).



ASGE003C

- 2) Remove trunk lid panel.



ASGE003N

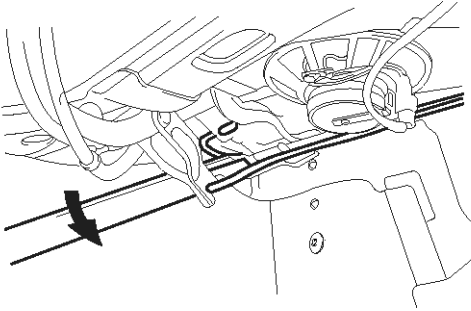
4. Install in reverse order of removal.

Exterior

BD-15

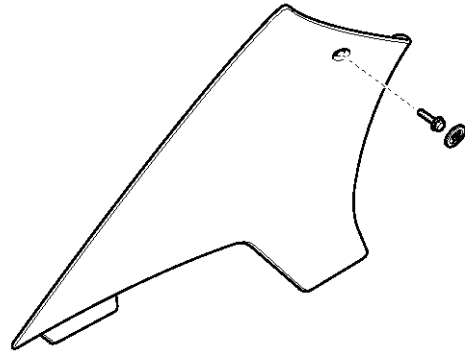
TRUNK LID HINGE

1. Remove trunk lid hinge torsion bar.
 - 1) Remove the torsion bar by using the torsion bar wrench(09861-22000) as shown in the illustration.



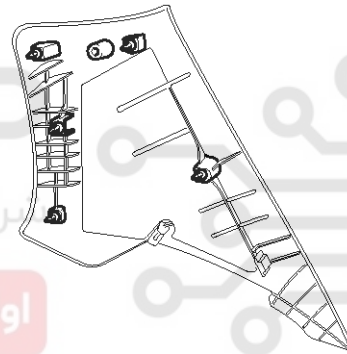
ASGE003D

2. Remove rear pillar trim.
 - 1) Remove pillar blanking cover and bolt.

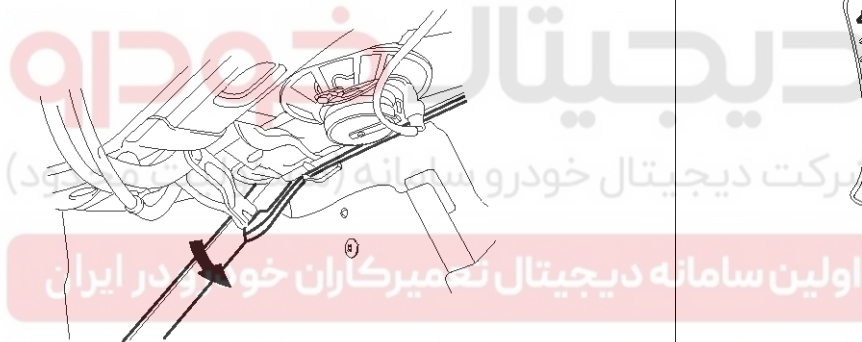


ASGE016R

- 2) Remove rear pillar trim.



ASGE016S



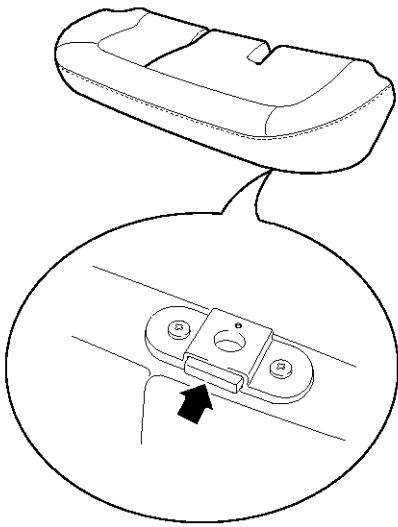
ASGE003E

BD-16

Body (Interior and Exterior)

3. Remove rear seat cushion.

- 1) Release seat cushion stopper.



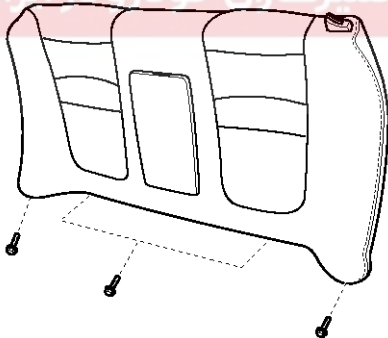
ASGE026B

- 2) Remove rear seat cushion.

4. Remove rear seatback.

- 1) Remove seatback mounting bolts(4).

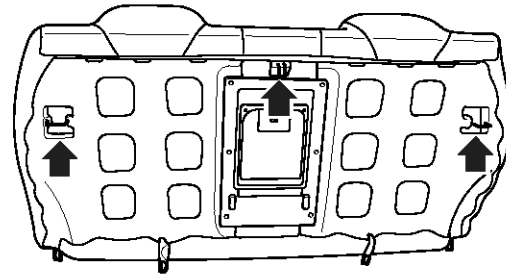
Tightening torque :
17~26 N·m (1.7~2.6 kg·m, 12~19 lb·ft)



ASGE026C

- 2) Remove seat belt from belt guide.

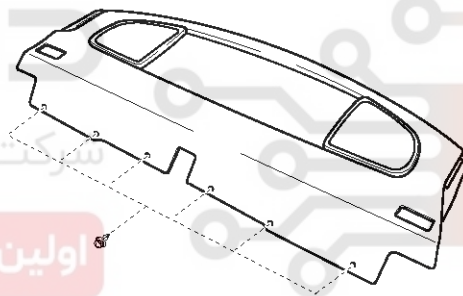
- 3) Release seatback stopper, and then remove seatback.



ASGE026D

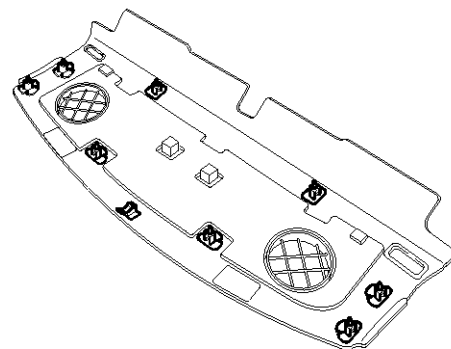
5. Remove rear package tray trim

- 1) Remove fasteners(6).



ASGE014B

- 2) Remove rear package tray trim.



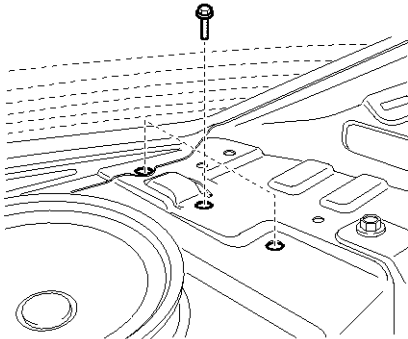
ASGE014C

Exterior

BD-17

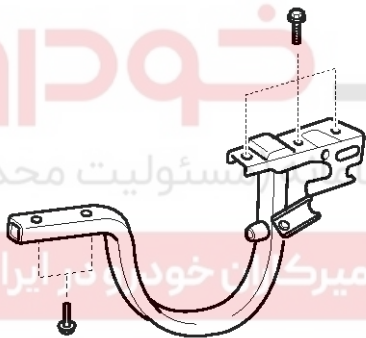
6. Remove trunk lid hinge.

- 1) Remove trunk lid hinge mounting bolts(6) (LH/RH).



ASGE003F

2) Remove trunk lid hinge.



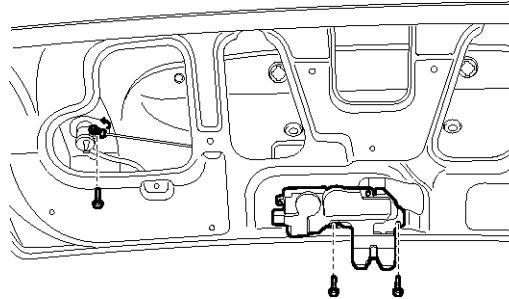
BSGE003G

7. Install in reverse order of removal.

DISASSEMBLY

1. Remove trunk lid latch.

- 1) Remove trunk lid latch mounting bolts(2).

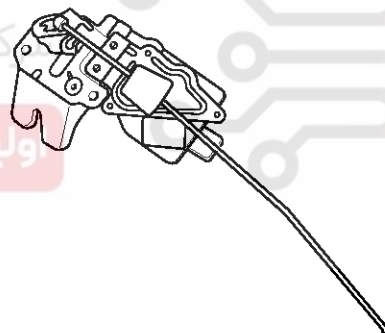


ASGE003H

2) Disconnect key cylinder rod.

- 3) Disconnect actuator connector and wire harness clip.

4) Remove trunk lid latch.

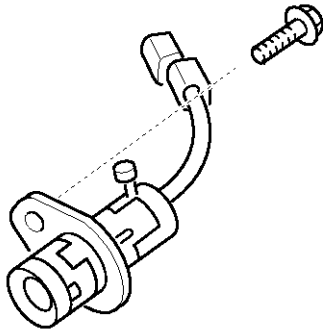


ASGE003J

BD-18

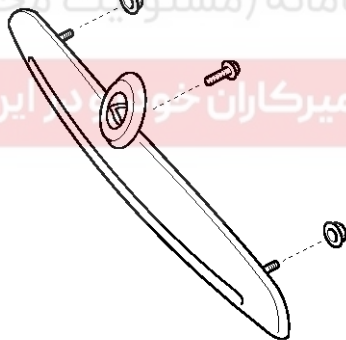
Body (Interior and Exterior)

2. Remove trunk lid key cylinder.
 - 1) Remove key cylinder mounting bolt.



ASGE003K

- 2) Disconnect key cylinder connector and wire harness clip.
- 3) Remove key cylinder.
3. Remove license garnish lamp.
 - 1) Remove license garnish lamp mounting nuts(2) and bolt.



ASGE003M

- 2) Disconnect license garnish lamp connector and wire harness clip.
- 3) Remove license garnish lamp.
4. Install in reverse order of removal.

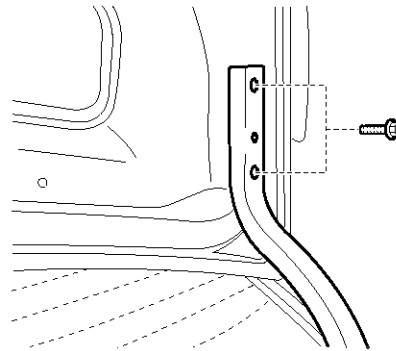
ADJUSTMENT

TRUNK LID HINGE

1. Check that the trunk lid can be closed easily and properly. If there is a problem, open the trunk lid and tighten the trunk lid hinge mounting bolts.

Tightening torque :

7~9 N·m (0.7~0.9 kg·m, 5~7 lb·ft)



ASGE003C

2. To adjust the trunk lid-to-body offset, loosen the trunk lid hinge mounting bolts and make the adjustment.

Exterior

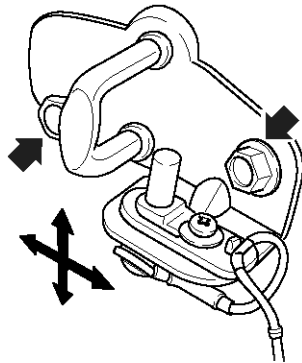
BD-19

TRUNK LID STRIKER

1. Check that the trunk lid can be closed easily and properly. If there is a problem, loosen the striker mounting bolts and adjust the trunk lid by moving the striker vertically or horizontally.

Tightening torque :

17~22 N·m (1.7~2.2 kg·m, 12~16 lb·ft)



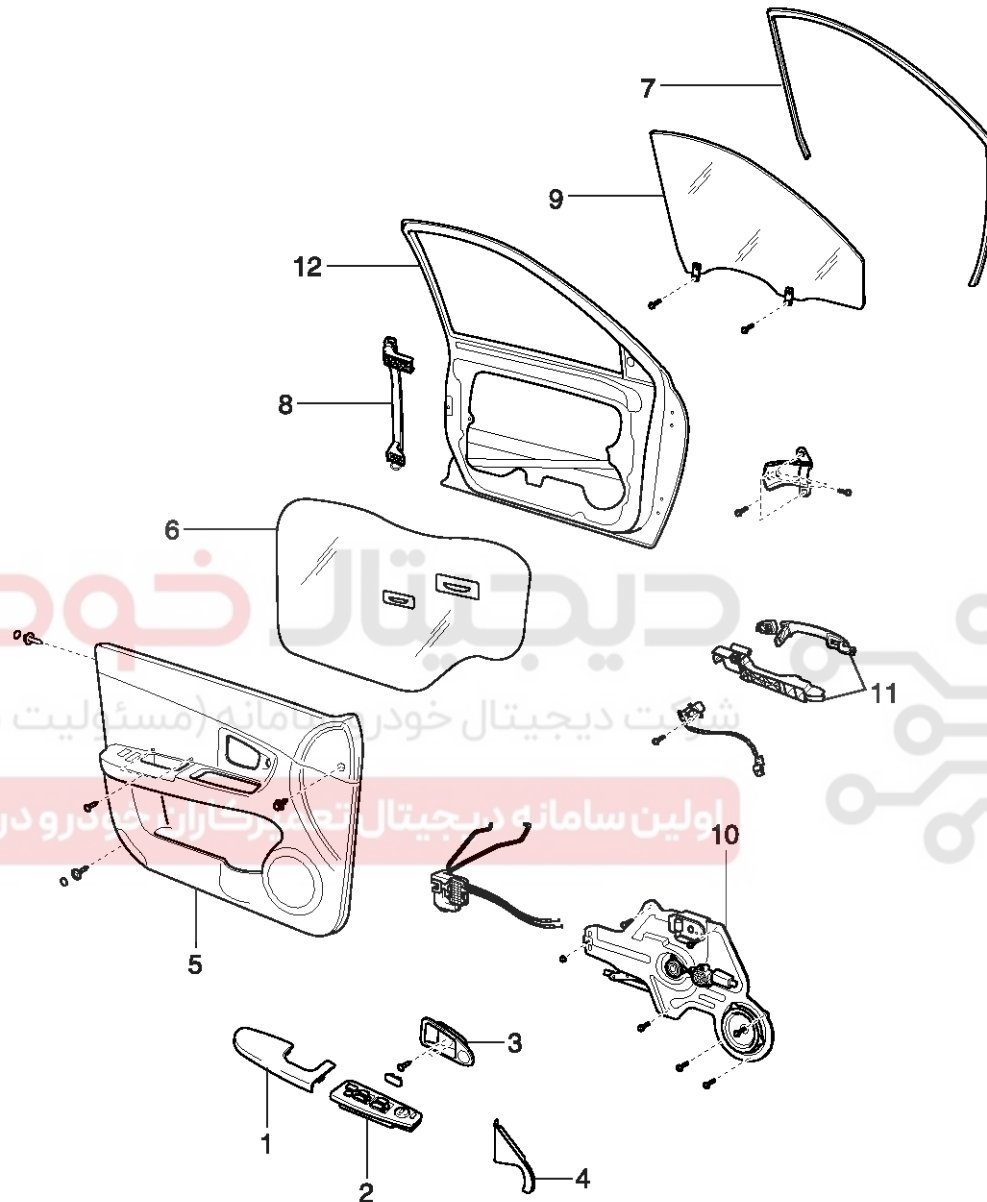
ASGE003Q

2. Adjust the rear offset of the door to the body by moving the trunk lid striker vertically.



شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

BD-20**Body (Interior and Exterior)****Front Door****COMPONENTS**

1. Arm rest
2. Power window switch
3. Door inner handle cover
4. Door quadrant inner cover
5. Door trim
6. Door screen

7. Glass run channel
8. Door channel
9. Window glass
10. Door module assembly
11. Door outer handle
12. Door frame

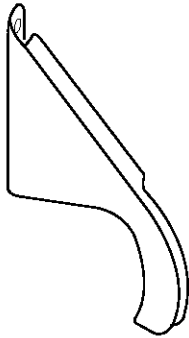
BSGE005A

Exterior

BD-21

REMOVAL AND INSTALLATION

1. Remove door quadrant inner cover.



ASGE009B

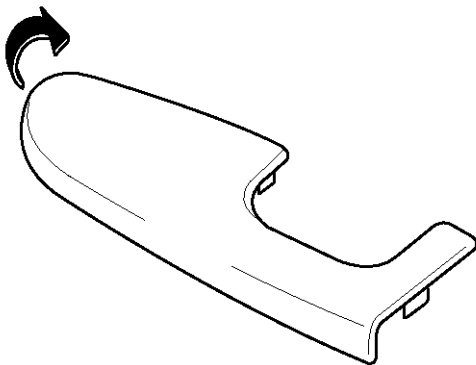
2. Remove door inner handle cover.



ASGE005C

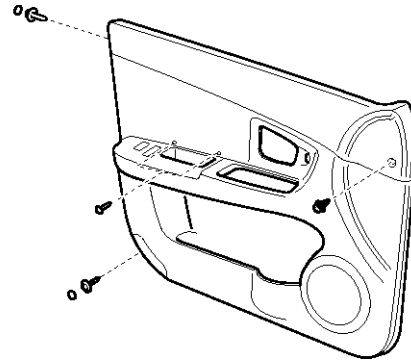
3. Remove door trim.

- 1) Remove arm rest.



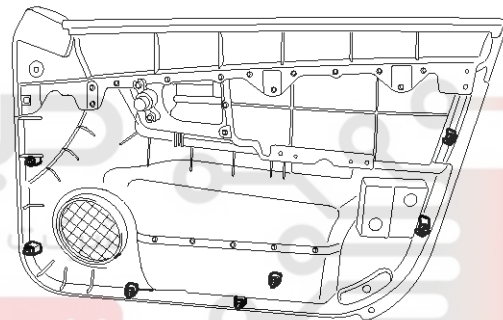
ASGE005E

- 2) Remove door trim fastener and screws(4).



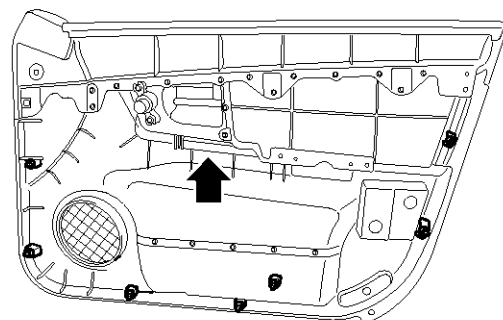
ASGE005F

- 3) Remove door trim.



ASGE005D

- 4) Disconnect door trim connector.



ASGE005G

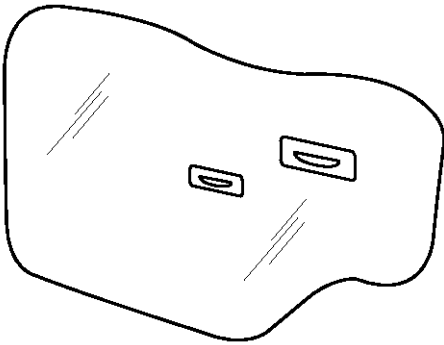
BD-22

Body (Interior and Exterior)

4. Remove door screen.

NOTICE

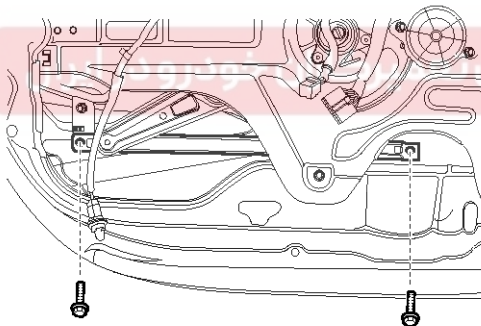
Peel door screen off carefully so that it can be reused.



ASGE005H

5. Remove window glass.

- 1) Connect power window switch connector.
- 2) Connect negative battery terminal.
- 3) Turn ignition switch "ON" and set window glass grip bolts on access hole.

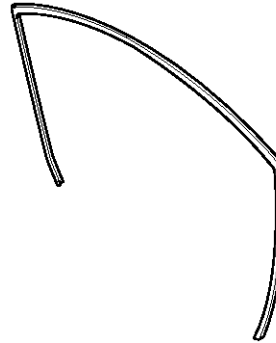


ASGE005J

- 4) Turn ignition switch "OFF".
- 5) Remove glass run channel.

NOTICE

When install the glass run channel, use soap and water for lubrication.

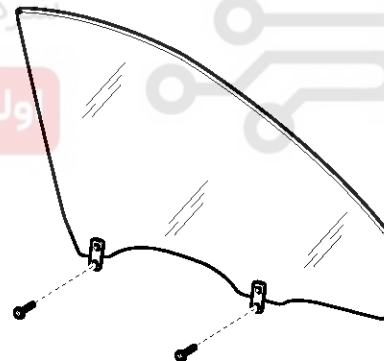


ASGE005K

- 6) Remove window glass grip bolts(2).

Tightening torque :

8~12 N.m (0.8~1.2 kg.m, 6~9 lb.ft)



ASGE005L

- 7) Remove door glass.

NOTICE

Remove the glass carefully to avoid breakage.

- 8) Disconnect negative battery terminal.
- 9) Remove power window switch connector.

Exterior

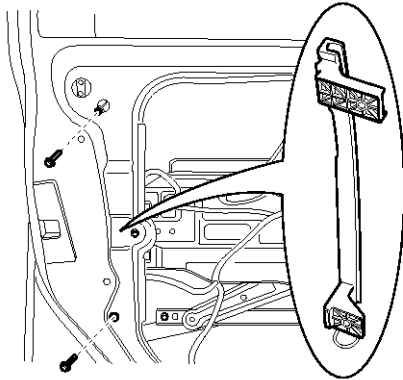
BD-23

6. Remove door channel.

- 1) Remove door channel mounting bolts(2).

Tightening torque :

8~12 N.m (0.8~1.2 kg.m, 6~9 lb.ft)

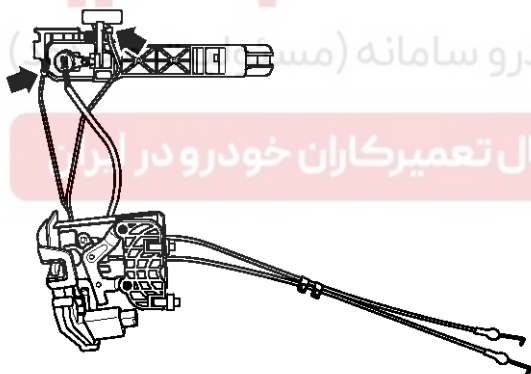


ASGE005N

2) Remove door channel.

7. Remove door module assembly.

- 1) Disconnect door outer handle rods(2).

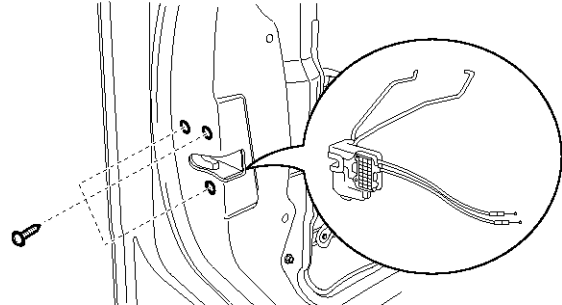


ASGE005P

2) Remove door latch screws(3).

Tightening torque :

7~11 N.m (0.7~1.1 kg.m, 5~8 lb.ft)

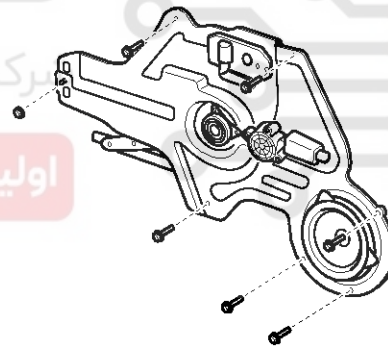


ASGE005Q

3) Remove door module bolts(5) and nuts(2).

Tightening torque :

8~12 N.m (0.8~1.2kg.m, 6~9 lb.ft)



ASGE005R

4) Disconnect door module connector.

5) Remove wire harness from door module assembly.

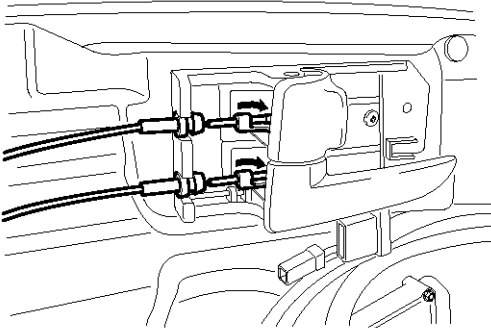
6) Remove door module assembly.

BD-24

Body (Interior and Exterior)

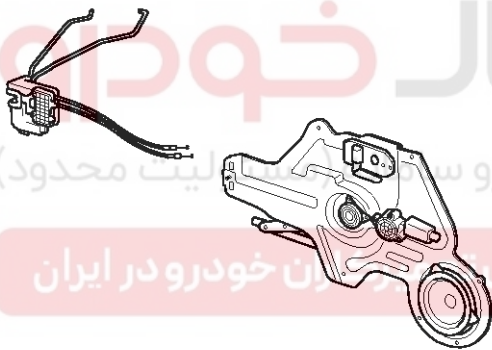
8. Remove door latch assembly from door module assembly.

1) Remove door latch cables(2).



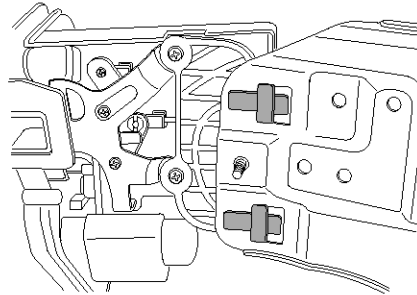
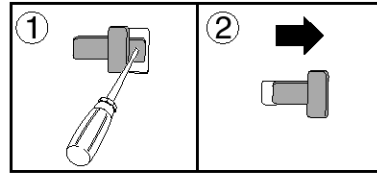
ASGE005T

2) Remove door latch assembly.



ASGE005B

a. Push the stopper with a screwdriver.

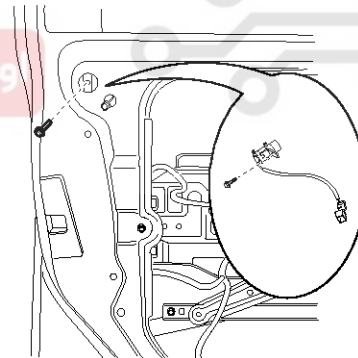


ASGE005U

b. Push the door latch toward the door module and remove it.

9. Remove door outer handle.

1) Remove key cylinder mounting bolt and key cylinder.

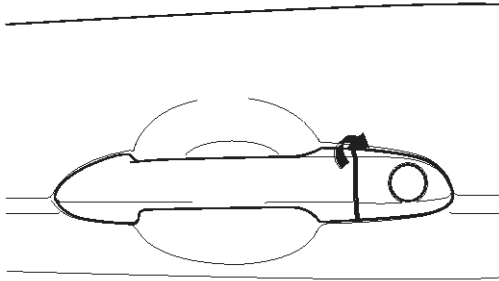


ASGE005V

Exterior

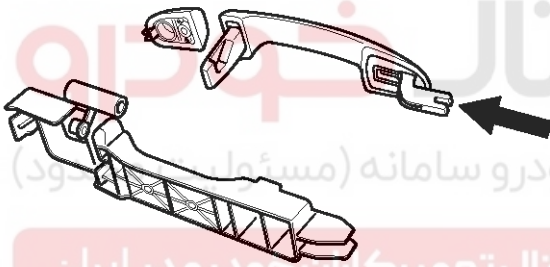
BD-25

- 2) Disconnect key cylinder connector.
- 3) Remove outer handle cover.



ASGE005X

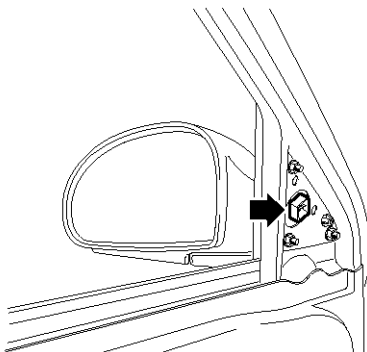
- 4) Remove outer handle from handle base.



ASGE005W

10. Remove outside rearview mirror.

- 1) Disconnect actuator connector.

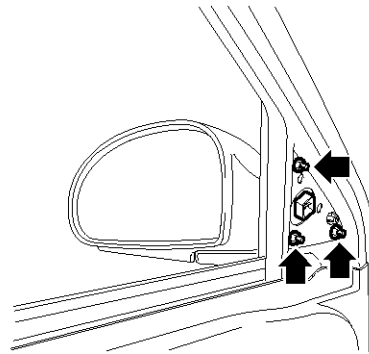


ASGE009C

- 2) Remove outside rearview mirror mounting nuts(3).

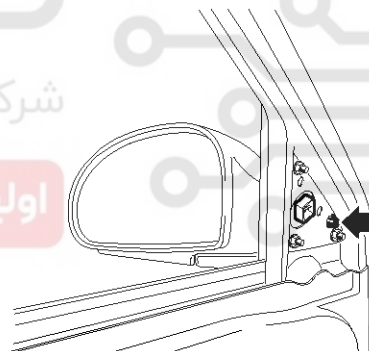
Tightening torque :

7~11 N·m (0.7~1.1 kg·m, 5~8 lb·ft)



ASGE009D

- 3) Push the both sides of the clip and remove outside rearview mirror.



ASGE009E

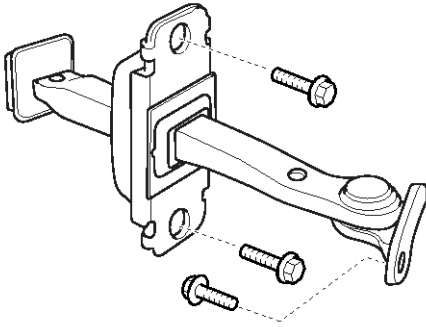
BD-26**Body (Interior and Exterior)**

11. Remove door checker bolts.

Tightening torque :

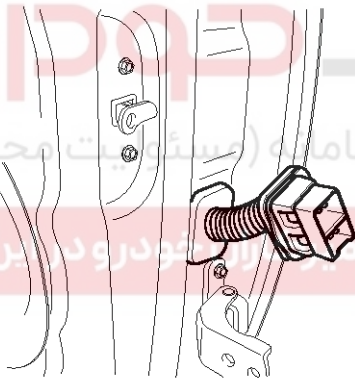
Body side : 17~22 N·m (1.7~2.2 kg·m, 12~16 lb·ft)

Door side : 7~11 N·m (0.7~1.1 kg·m, 5~8 lb·ft)



ASGE005M

12. Disconnect door main connector.



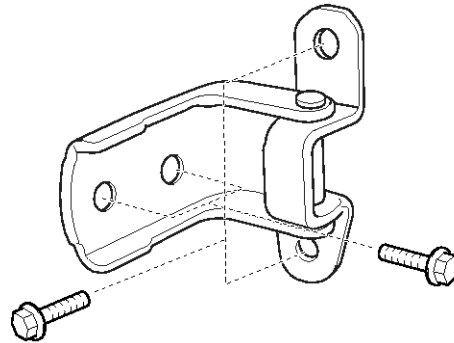
ASGE005S

13. Remove door upper hinge bolts(2) and lower hinge bolts(2) from body side.

Tightening torque

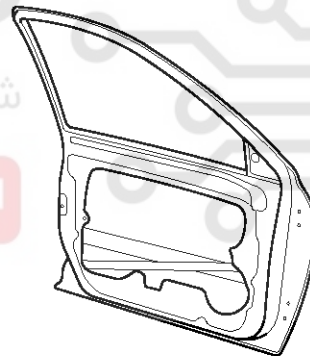
Body side : 35~42 N·m (3.5~4.2 kg·m, 25~30 lb·ft)

Door side : 13~26 N·m (1.3~2.6 kg·m, 9~19 lb·ft)



ASGE005Y

14. Remove door frame.



ASGE005Z

15. Install in reverse order of removal.

Exterior

BD-27

ADJUSTMENT

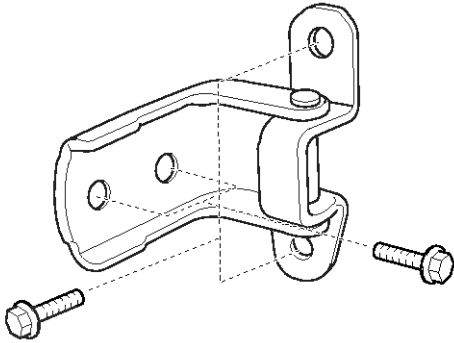
DOOR HINGE

1. Check that the door can be closed easily and properly. If there is a problem, open the door and tighten the door hinge mounting bolts.

Tightening torque

Body side : 35~42 N·m (3.5~4.2 kg·m, 25~30 lb·ft)

Door side : 13~26 N·m (1.3~2.6 kg·m, 9~19 lb·ft)



دیجیتال خودرو

ASGE005Y

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

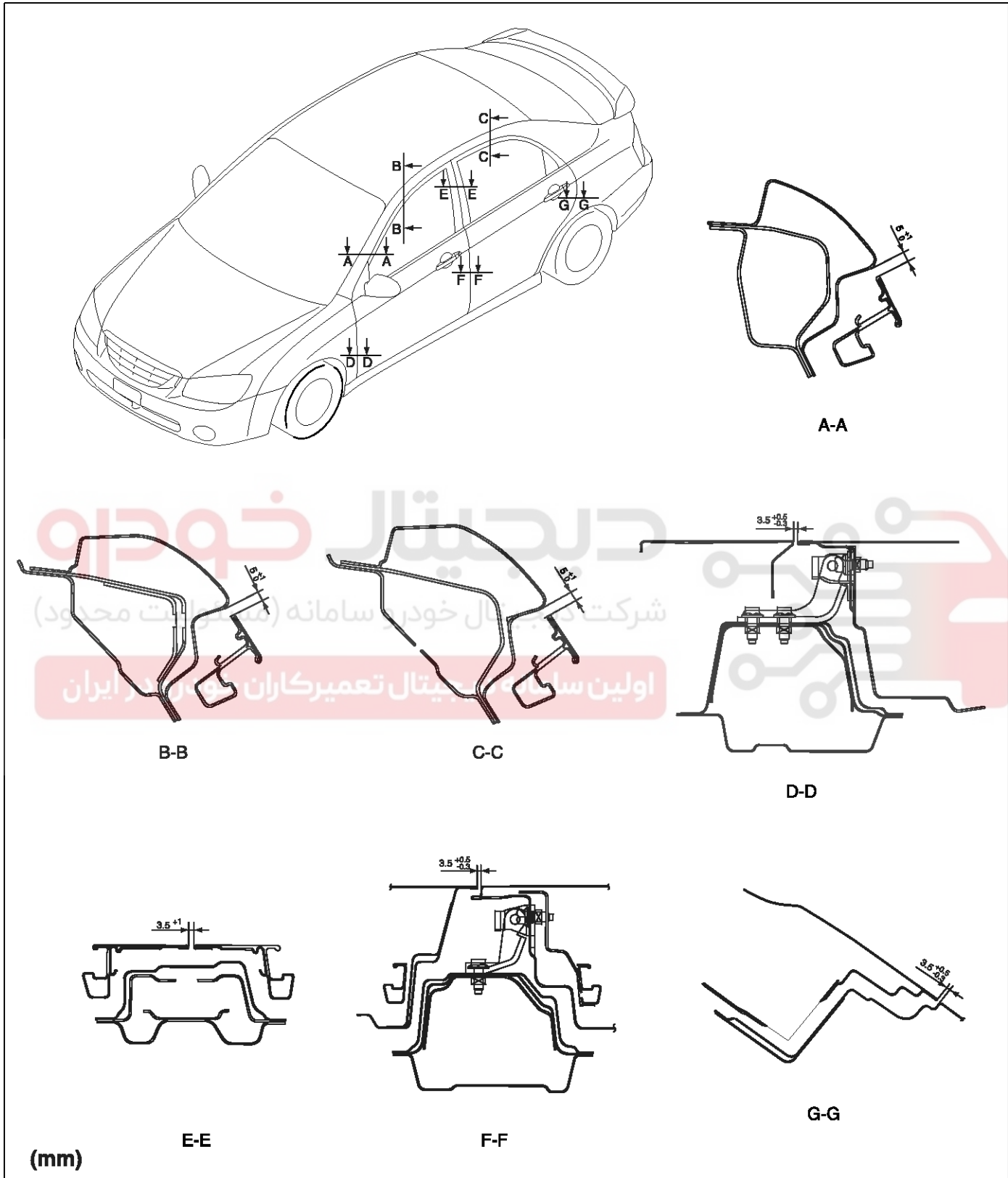
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



BD-28

Body (Interior and Exterior)

2. To adjust the door-to-body offset, loosen the door hinge mounting bolts and make the adjustment.



ASGE006Y

Exterior

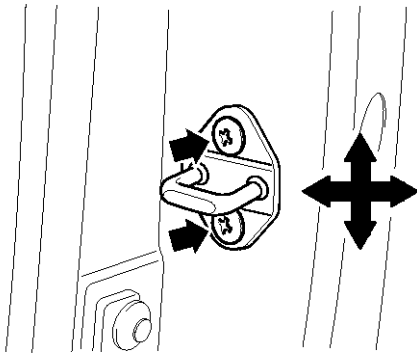
BD-29

DOOR STRIKER

1. Check that the door can be closed easily and properly. If there is a problem, loosen the striker mounting bolts and adjust the door by moving the striker vertically or horizontally.

Tightening torque :

17~22 N·m (1.7~2.2 kg·m, 12~16 lb·ft)



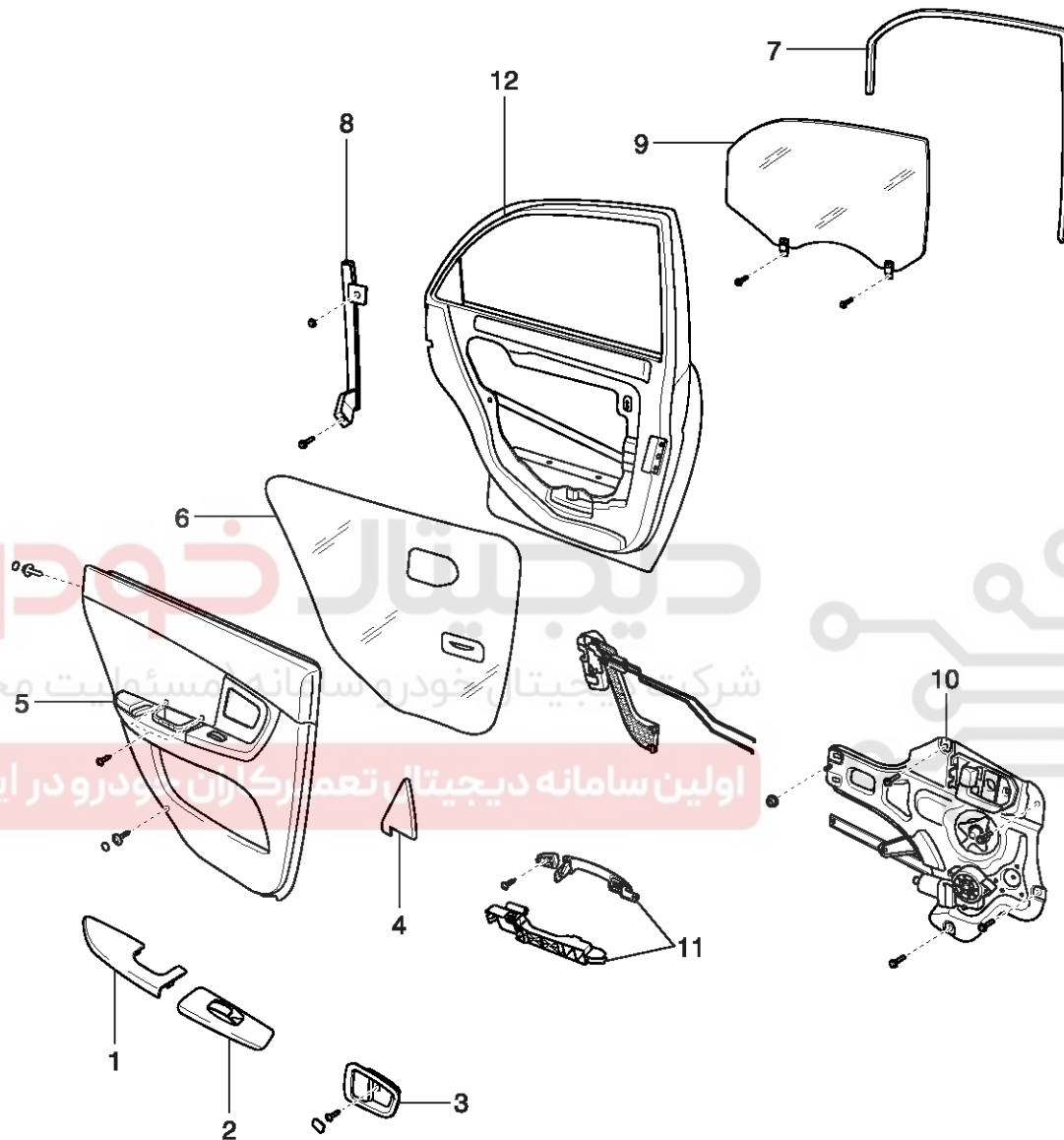
ASGE006Z

2. Adjust the rear offset of the door to the body by moving the trunk lid striker horizontally.

شرکت دیجیتال خودرو (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



BD-30**Body (Interior and Exterior)****Rear Door****COMPONENTS**

1. Arm rest
2. Power window switch
3. Door inner handle cover
4. Door delta inner cover
5. Door trim
6. Door screen

7. Glass run channel
8. Door channel
9. Window glass
10. Door module assembly
11. Door outer handle
12. Door frame

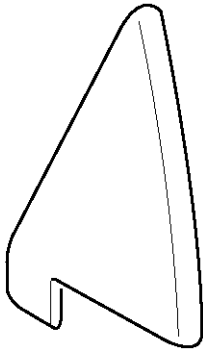
BSGE006A

Exterior

BD-31

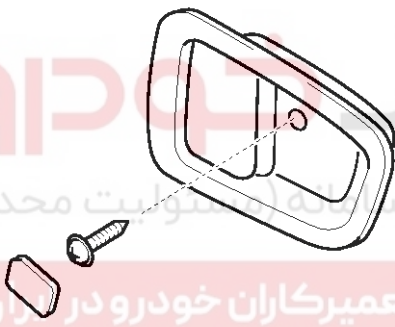
REMOVAL AND INSTALLATION

1. Remove door delta inner cover from door frame.



ASGE006B

2. Remove door inner handle cover.

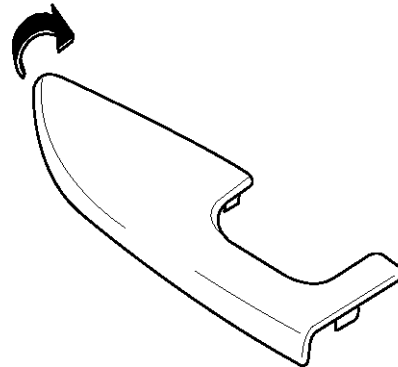


ASGE006C

- 1) Remove cover and screw.
- 2) Remove door inner handle cover from door trim.

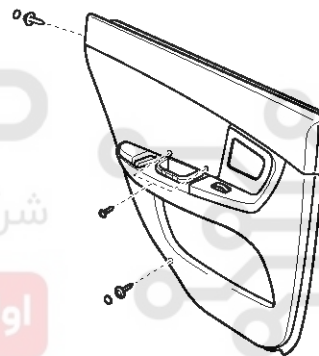
3. Remove door trim.

- 1) Remove arm rest from door trim.



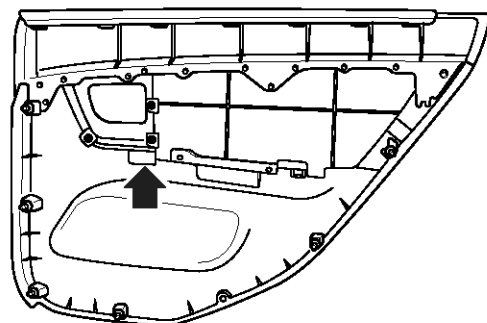
ASGE006D

- 2) Remove door trim screws(4).



ASGE006E

- 3) Disconnect electrical connector.

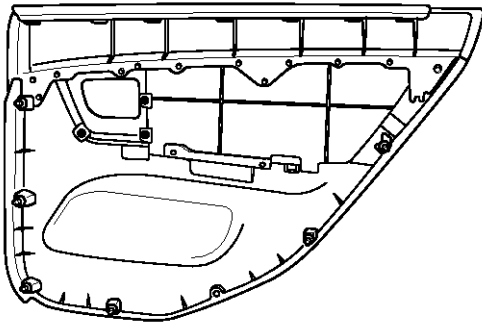


ASGE006F

BD-32

Body (Interior and Exterior)

4) Remove door trim from door frame.



ASGE006G

4. Remove door screen.

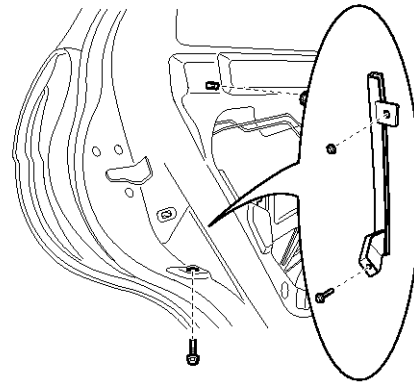
NOTICE

Peel door screen off carefully so that it can be reused.



ASGE006H

5. Remove door channel.



ASGE006J

1) Remove bolts and nuts.

Tightening torque :

8~12 N·m (0.8~1.2 kg·m, 6~9 lb·ft)

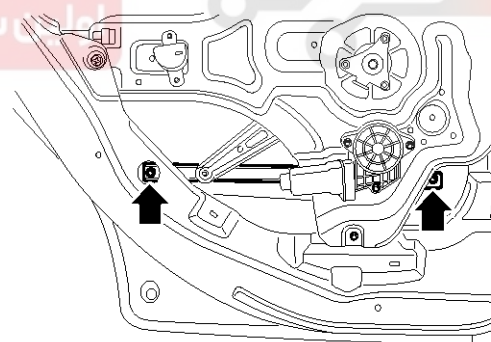
2) Remove door channel from door frame.

6. Remove window glass.

1) Connect power window switch connector.

2) Connect negative battery terminal.

3) Turn ignition switch "ON" and set window glass bolts on access hole.



ASGE006K

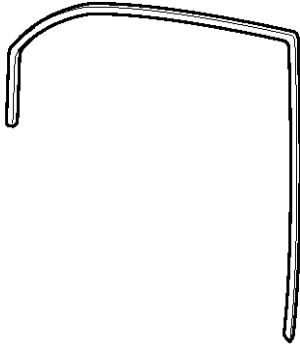
Exterior

BD-33

- 4) Turn ignition switch "OFF".
- 5) Remove glass run channel from door frame.

NOTICE

When install the glass run channel, use soap and water for lubrication.



ASGE006L

- 6) Remove window glass grip bolts(2).

Tightening torque :

8~12 N·m (0.8~1.2 kg·m, 6~9 lb·ft)



ASGE006M

- 7) Remove window glass from door frame.

NOTICE

Remove the glass carefully to avoid breakage.

- 8) Disconnect negative battery terminal.
- 9) Disconnect power window switch connector.

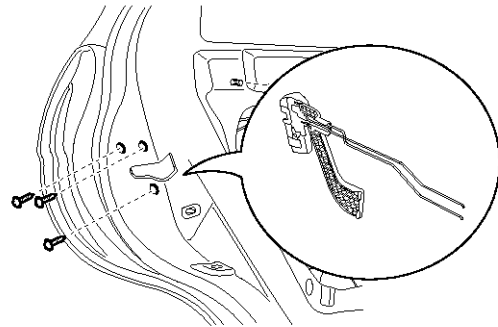
7. Remove door module assembly.

- 1) Remove door latch screws(3).

Tightening torque

Door latch : 7~11 N·m (0.7~1.1 kg·m, 5~8 lb·ft)

Door striker : 17~22 N·m (1.7~2.2 kg·m, 12~16 lb·ft)

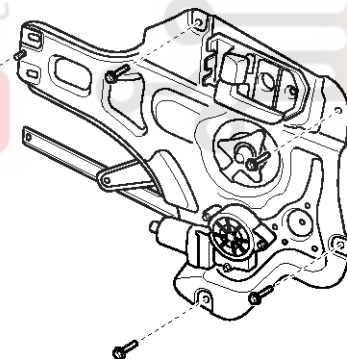


ASGE006W

- 2) Remove bolts(4) and nut.

Tightening torque :

8~12 N·m (0.8~1.2 kg·m, 6~9 lb·ft)



ASGE006R

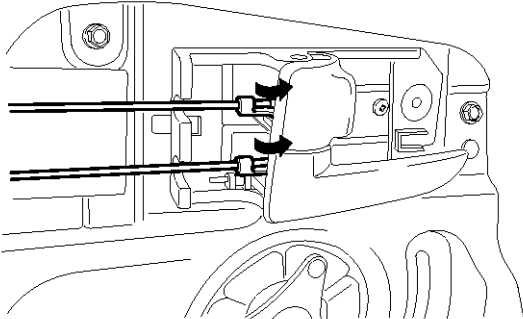
- 3) Disconnect electrical connector.
- 4) Remove wire harness from door module assembly.
- 5) Remove door module assembly from door frame.

BD-34

Body (Interior and Exterior)

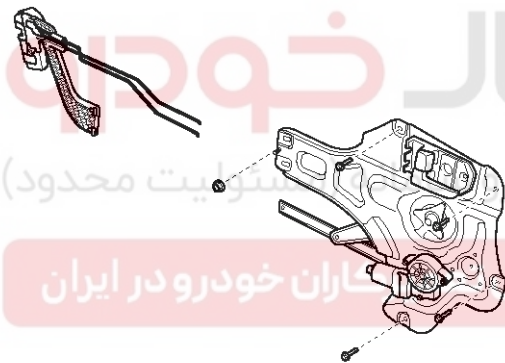
8. Remove door latch.

- 1) Remove door latch rods(2) from door inner handle.



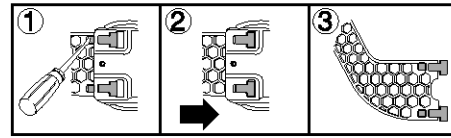
ASGE006P

- 2) Remove door latch from door module.



ASGE006T

- a. Push the stopper with a screwdriver.

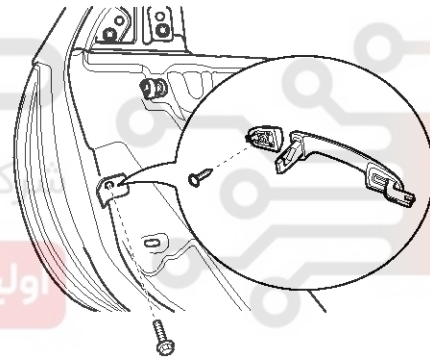


ASGE006Q

- b. Push the door latch toward the door module and remove it.

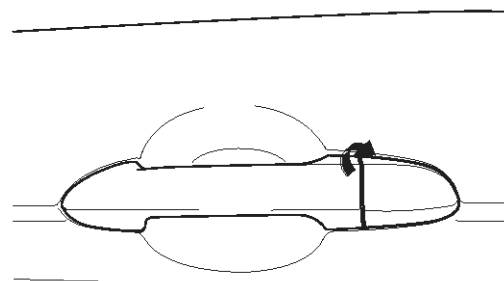
9. Remove door outer handle.

- 1) Remove bolt.



ASGE006S

- 2) Remove handle cover.

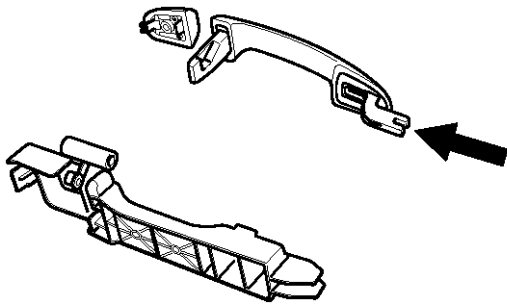


ASGE006U

Exterior

BD-35

3) Remove handle from handle base.



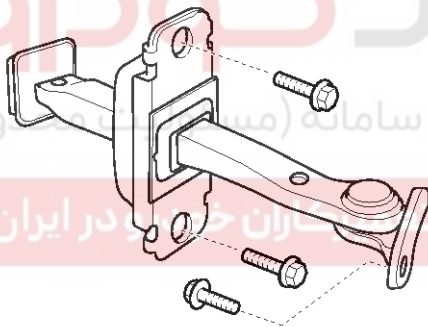
ASGE006V

10. Remove door checker bolts from body frame.

Tightening torque :

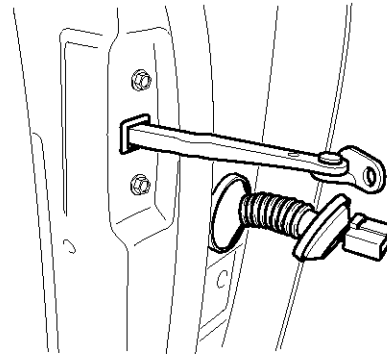
Body side : 17~22 N·m (1.7~2.2 kg·m, 12~16 lb·ft)

Door side : 7~11 N·m (0.7~1.1 kg·m, 5~8 lb·ft)



ASGE005M

11. Disconnect main connector from body side.



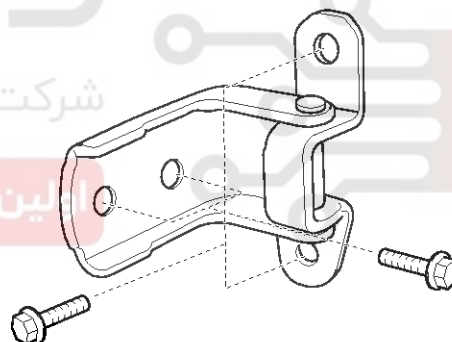
ASGE006N

12. Remove door upper hinge bolts(2) and lower hinge bolts(2) from body side.

Tightening torque

Body side : 35~42 N·m (3.5~4.2 kg·m, 25~30 lb·ft)

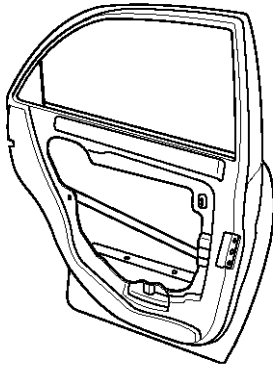
Door side : 13~26 N·m (1.3~2.6 kg·m, 9~19 lb·ft)



ASGE005Y

BD-36**Body (Interior and Exterior)**

13. Remove door frame.



ASGE006X

14. Install in reverse order of removal.

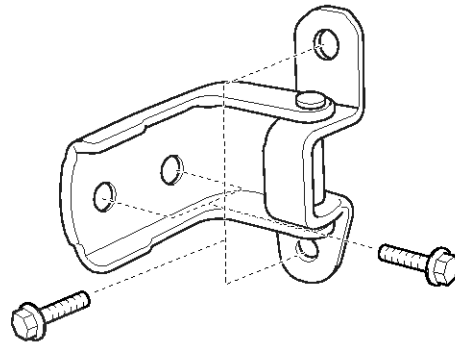
ADJUSTMENT**DOOR HINGE**

1. Check that the door can be closed easily and properly. If there is a problem, open the door and tighten the door hinge bolts.

Tightening torque

Body side : 35~42 N·m (3.5~4.2 kg·m, 25~30 lb·ft)

Door side : 13~26 N·m (1.3~2.6 kg·m, 9~19 lb·ft)

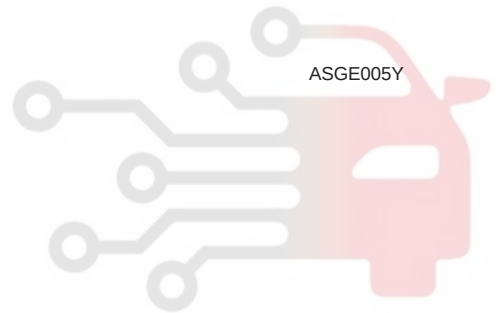


ASGE005Y

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

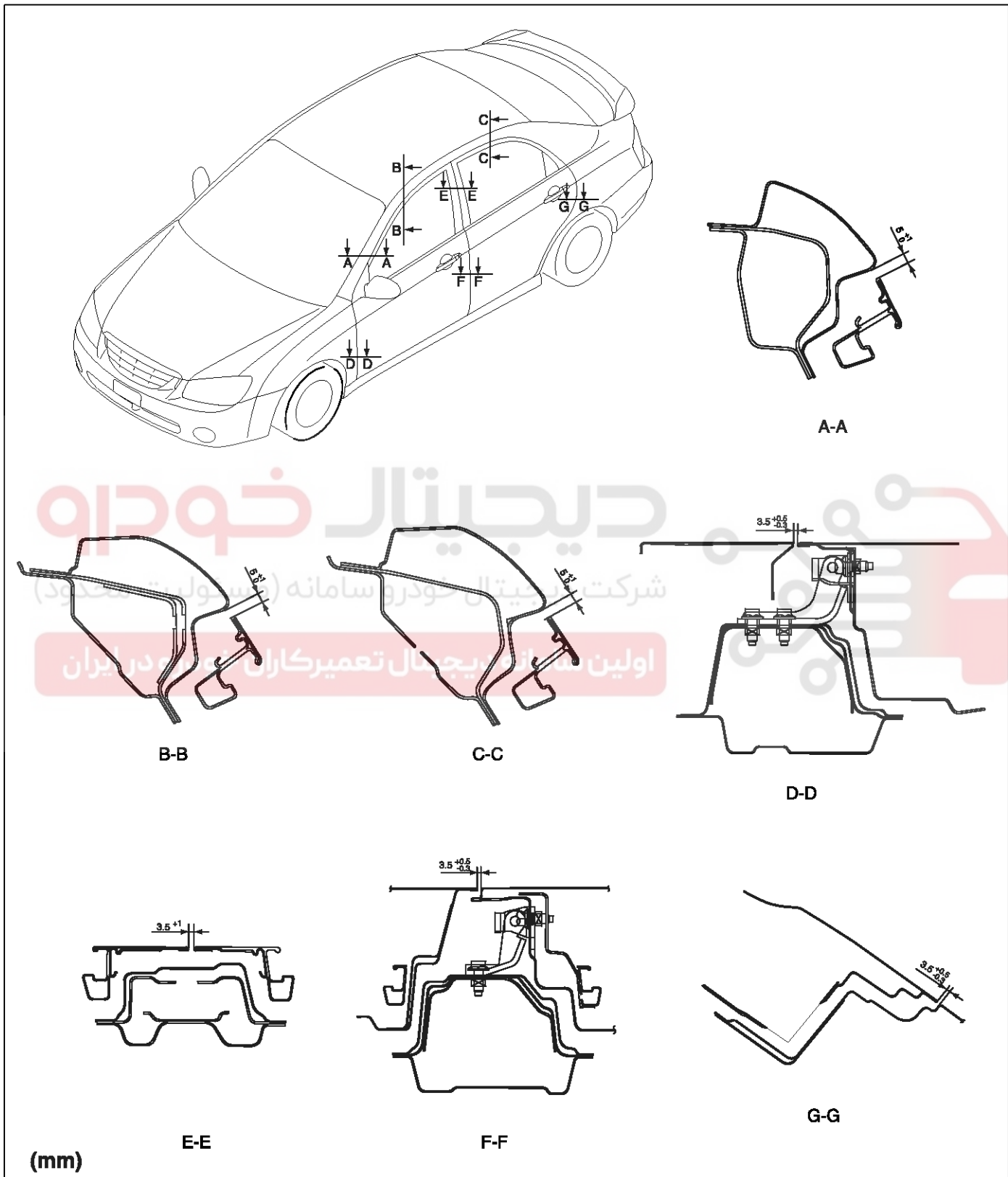
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Exterior

BD-37

2. Check the offset of the door to the body. If there is a problem, loosen the door hinge bolts and adjust the door.



ASGE006Y

BD-38

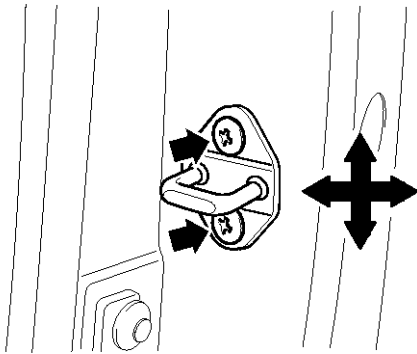
Body (Interior and Exterior)

DOOR STRIKER

1. Check that the door can be closed easily and properly. If there is a problem, loosen the striker screws and adjust the door by moving the striker vertically or horizontally.

Tightening torque :

17~22 N·m (1.7~2.2 kg·m, 12~16 lb·ft)



ASGE006Z

2. Adjust the rear offset of the door to the body by loosening the striker screws and moving the striker horizontally.



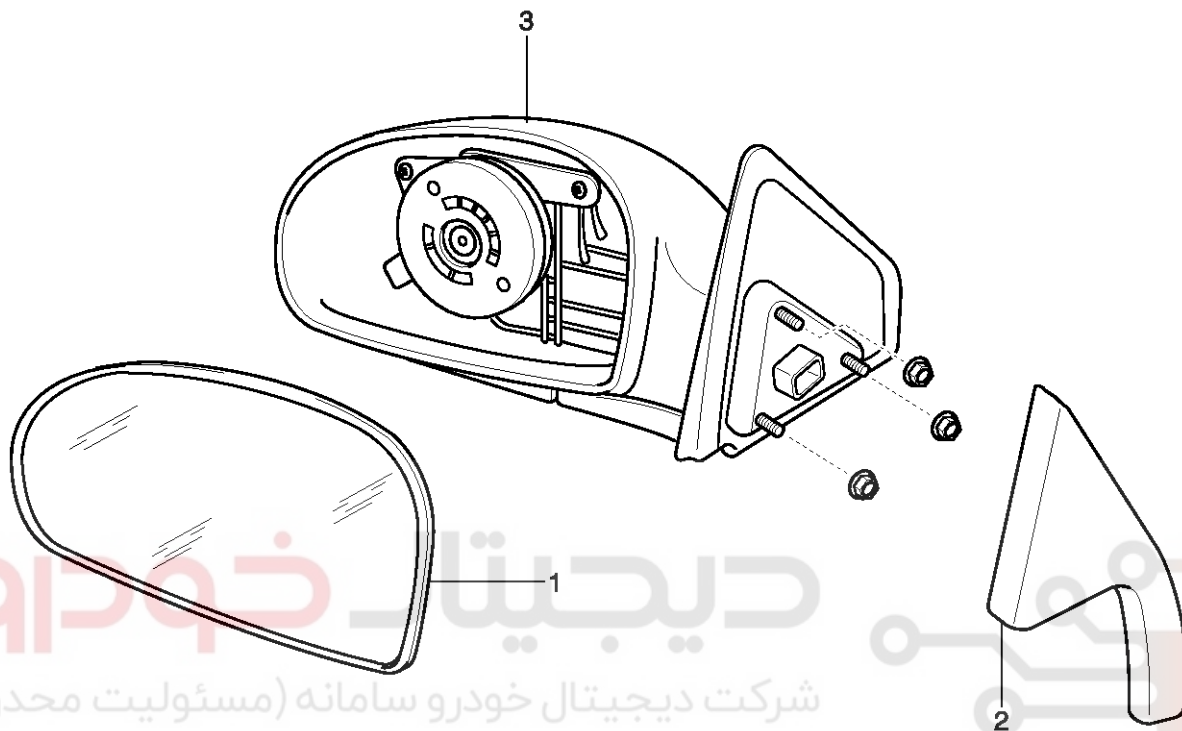
اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

Exterior

BD-39

Mirror

COMPONENTS



1. Outside rearview mirror glass
2. Door quadrant inner cover

3. Outside rearview mirror assembly

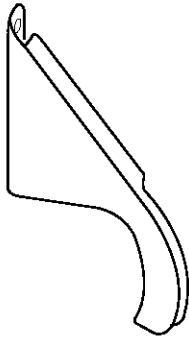
BSGE009A

BD-40

Body (Interior and Exterior)

REMOVAL AND INSTALLATION

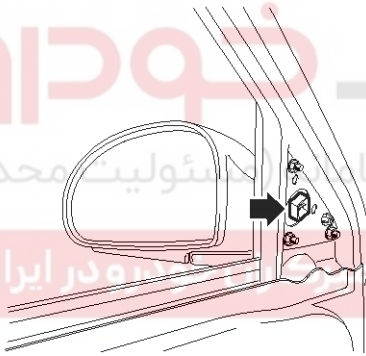
1. Remove door quadrant inner cover from door frame.



ASGE009B

2. Remove outside rearview mirror.

- 1) Disconnect actuator connector.

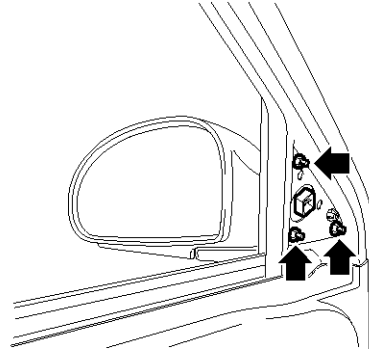


ASGE009C

- 2) Remove nuts(3).

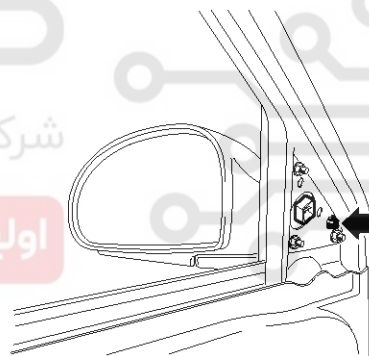
Tightening torque :

7~11 N·m (0.7~1.1 kg·m, 5~8 lb·ft)



ASGE009D

- 3) Push the both sides of the clip and remove outside rearview mirror from door frame.



ASGE009E

3. Install in reverse order of removal.

Exterior

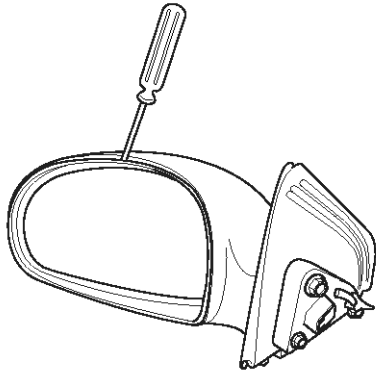
BD-41

DISASSEMBLY AND REASSEMBLY

NOTICE

Wear gloves to remove and install mirror holder.

1. Insert flat bladed screwdriver between outside rearview mirror holder and mirror actuator. Remove mirror.

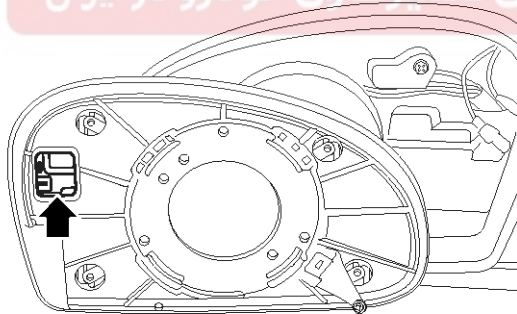


ASGE009F

2. Disconnect outside rearview mirror defroster connector.

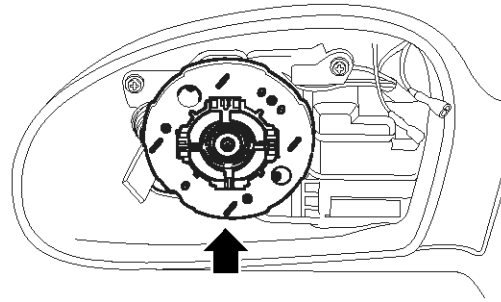
NOTICE

When prying with a flat bladed screwdriver, wrap it with a shop towel to prevent damage.



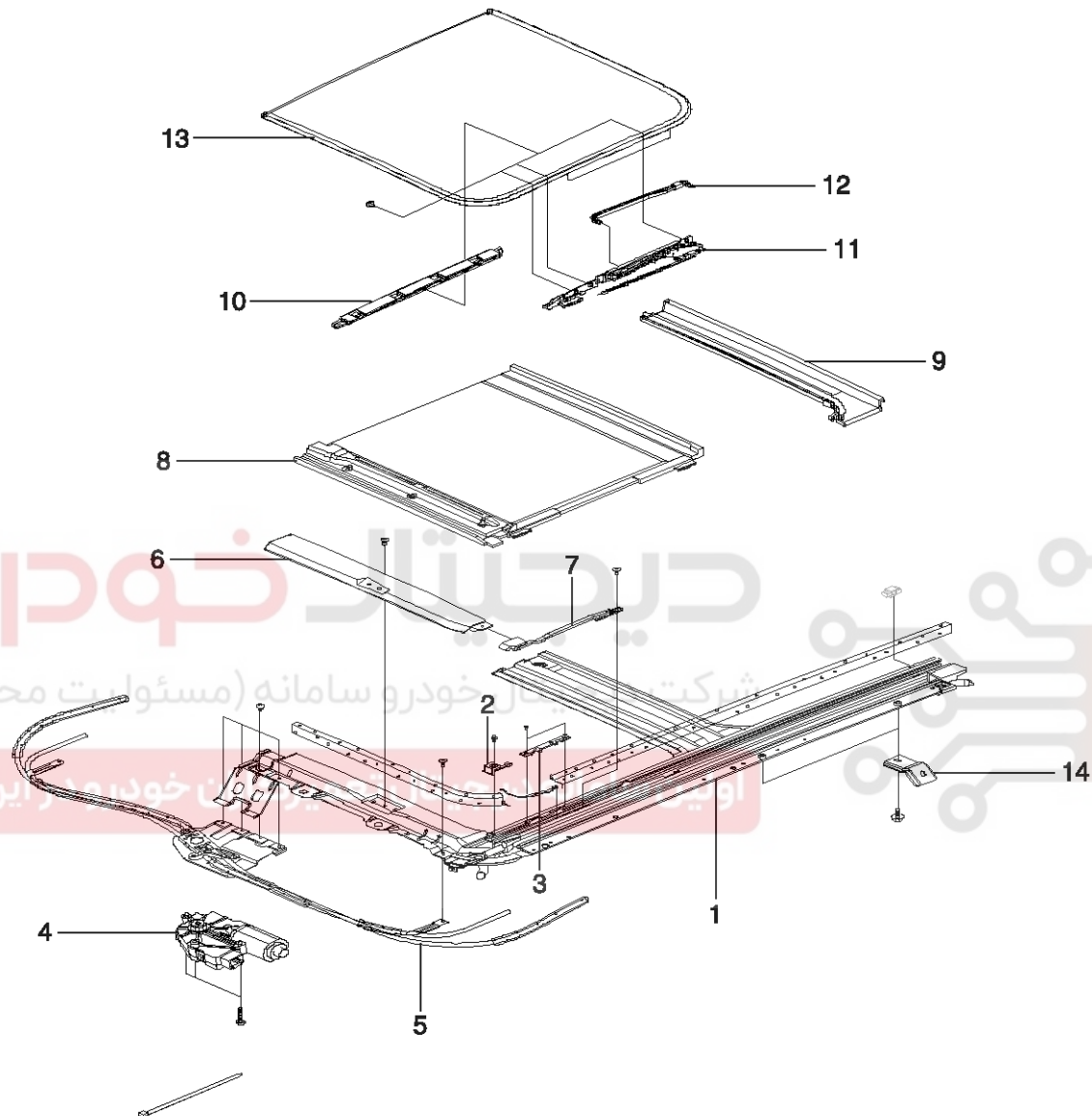
ASGE009G

3. Remove outside rearview mirror actuator from outside rearview mirror housing.



ASGE009H

4. Install in reverse order of removal.

BD-42**Body (Interior and Exterior)****Sun Roof****COMPONENTS**

1. Sunroof sub frame
2. Front stopper
3. setting plate
4. Sunroof motor
5. Drive unit

6. Deflector
7. Deflector link
8. Sunshade
9. Drip rail
10. Decoration cover

11. guide
12. Drip link
13. Glass panel
14. Mounting bracket

BSGE008A

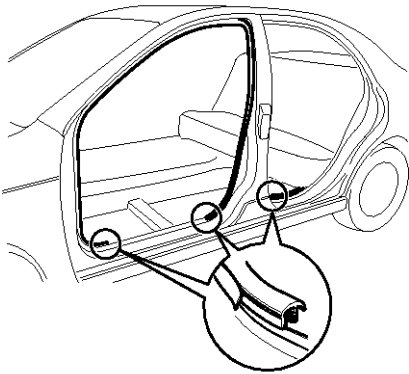
Sun Roof

BD-43

REMOVAL AND INSTALLATION

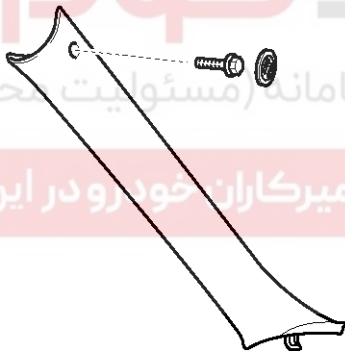
1. To remove the sunroof, first remove the following parts.

- 1) Remove front pillar trims.
 - a. Remove body side weatherstrip.



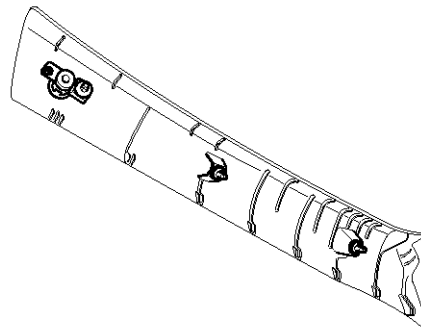
ASGE016B

- b. Remove pillar blanking cover and bolts.



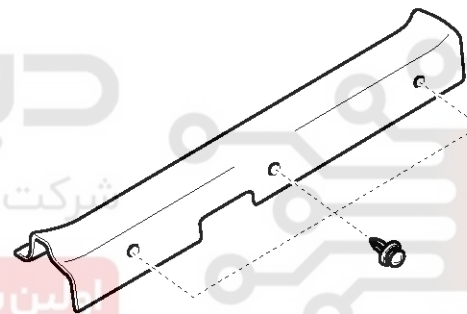
ASGE016C

- c. Remove trim from front pillar.

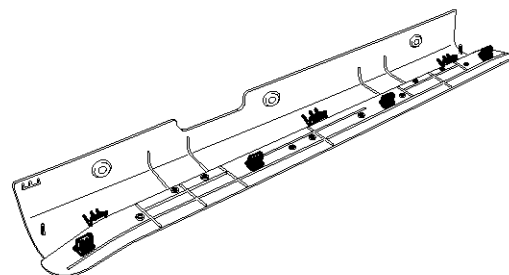


ASGE016D

- 2) Remove center pillar lower trim.
 - a. Remove front door scuff trim.



ASGE016E

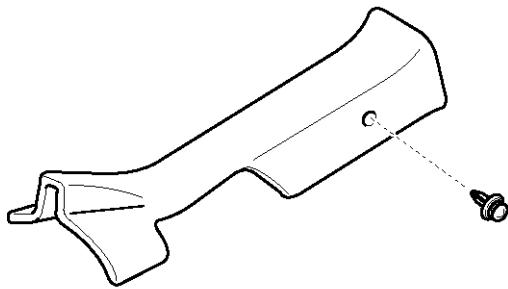


ASGE016F

BD-44

Body (Interior and Exterior)

b. Remove rear door scuff trim.

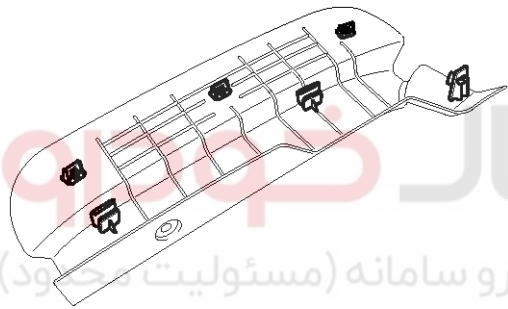


ASGE016J

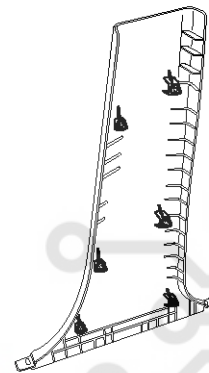
c. Remove center pillar lower trim.



ASGE016L



ASGE016K



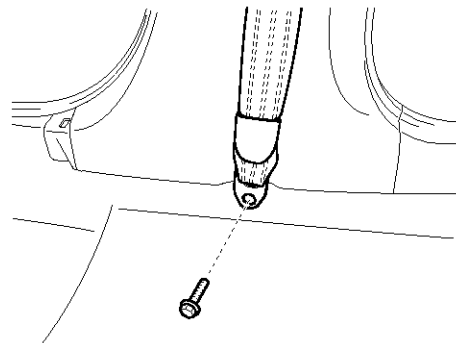
ASGE016M

3) Remove center pillar upper trim.

a. Remove front seat belt lower anchor bolt.

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)

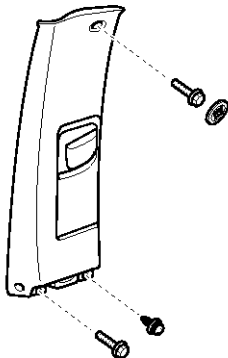


ASGE016N

Sun Roof

BD-45

- b. Remove pillar blanking cover.
- c. Remove bolts(2) and fastener.



ASGE016P

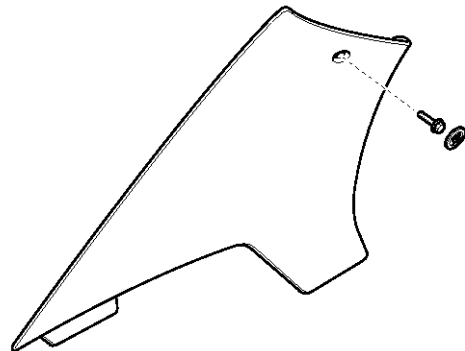
- d. Remove trim from center pillar.



ASGE016Q

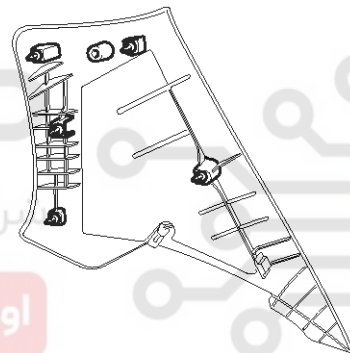
- e. Remove seat belt from trim.

- 4) Remove rear pillar trim.
 - a. Remove pillar blanking cover and bolt.



ASGE016R

- b. Remove trim from rear pillar.

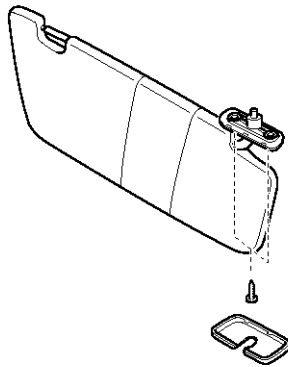


ASGE016S

BD-46

Body (Interior and Exterior)

- 5) Remove sunvisor(LH).



ASGE013B

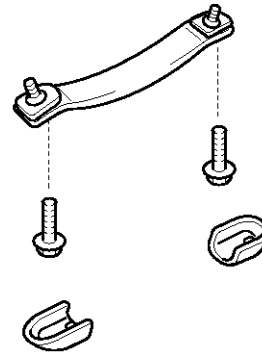
- a. Remove pivot mounting cover and screws(2).
 - b. Remove sunvisor retainer screw.
 - c. Remove sunvisor from headlining.
- 6) Remove sunvisor(RH).



ASGE013C

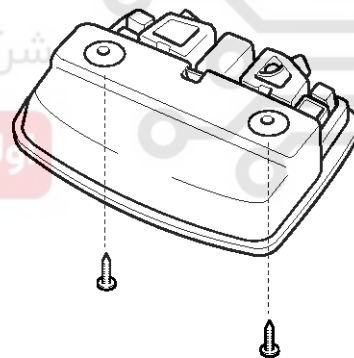
- 7) Remove roof assist handle.

- a. Remove front assist handle cover and bolts(2).



ASGE013D

- b. Remove front assist handle.
 - c. Remove rear assist handles(2).
- 8) Remove overhead console lamp.
- a. Open sunglass case and remove screws(2).



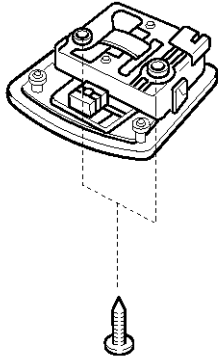
ASGE013E

- b. Remove lamp from headlining and disconnect the connector.

Sun Roof

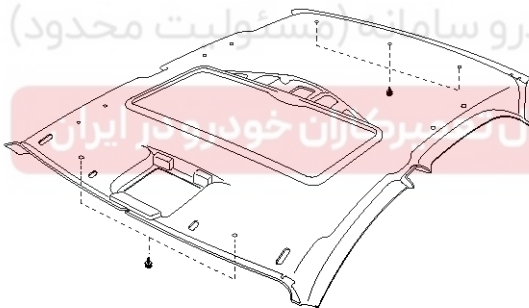
BD-47

- 9) Remove room lamp.
 - a. Remove cover.
 - b. Remove screws(2).



ASGE013G

- c. Remove lamp from headlining and disconnect the connector.
- 10) Remove headlining assembly.
 - a. Remove fasteners(5).



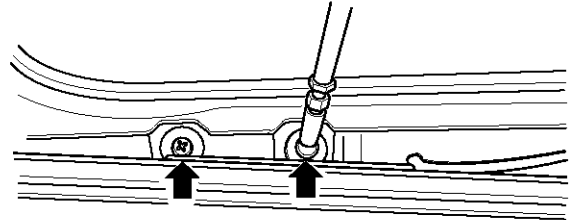
ASGE013H

- b. Remove headlining from vehicle.

2. Remove glass panel.
 - 1) Remove screws(6).

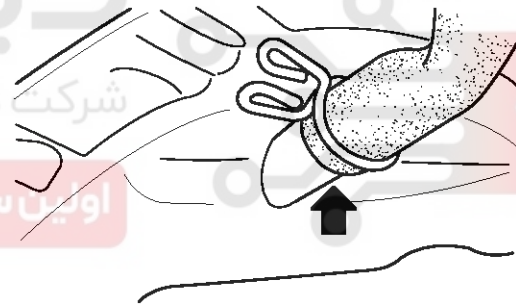
Tightening torque :

2~4 N·m (0.2~0.4 kg·m, 1~3 lb·ft)



LT8C131A

3. Remove drain hose.



BSCE008C

4. Remove sunroof assembly.
 - 1) Remove bolts and screws.

Tightening torque :

9~13 N·m (0.9~1.3 kg·m, 7~9 lb·ft)

NOTICE

When removing the sunroof assembly, carefully pull out sunroof assembly to avoid damage to the other parts.

5. Install in reverse order of removal.

BD-48

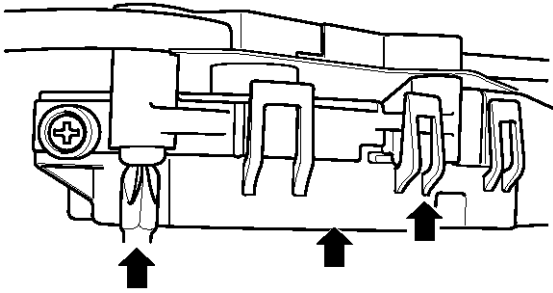
Body (Interior and Exterior)

DISASSEMBLY

1. Remove motor.

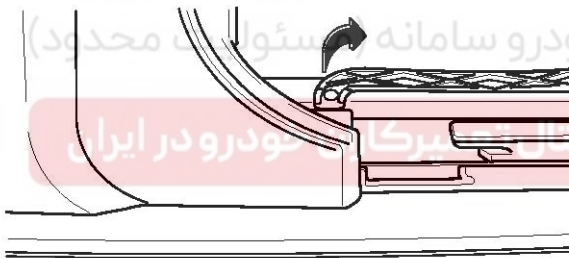
NOTICE

When removing the motor, the guide assembly should always be in the fully closed position.



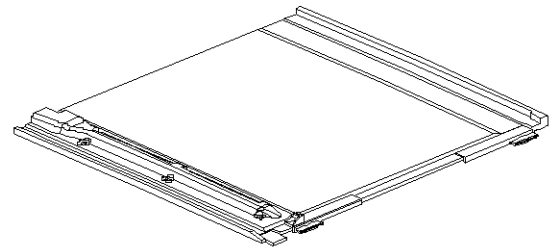
BSCE008E

2. Remove drip link.



BSCE008F

3. Remove sunshade.



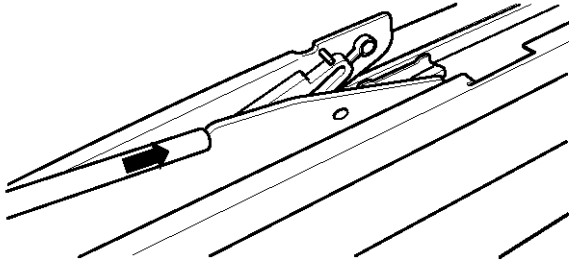
ASGE008C

Sun Roof

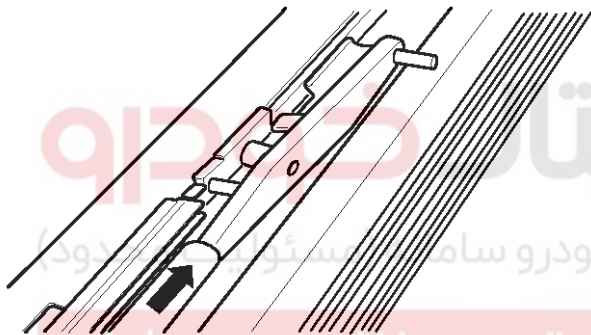
BD-49

4. Remove guide.

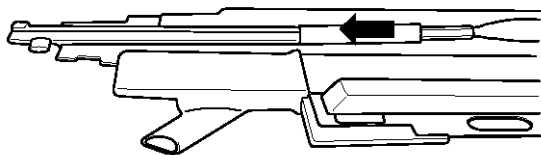
1) Remove slider.



BSCE008K

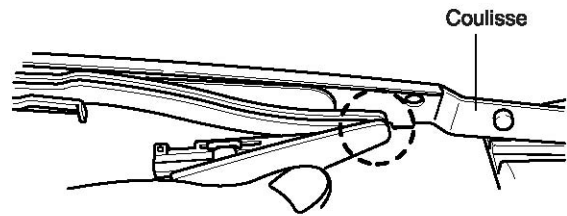


BSCE008L

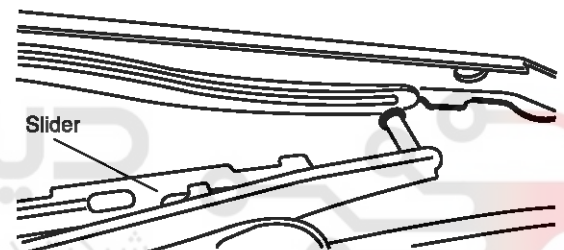


BSCE008M

2) Remove coulisse and slider.

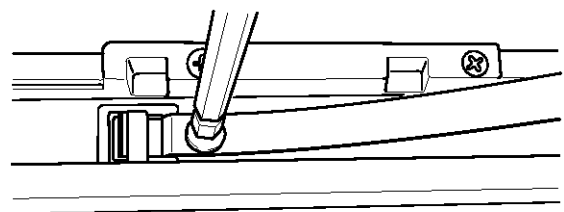


BSCE008N



BSCE008P

5. Remove deflector.



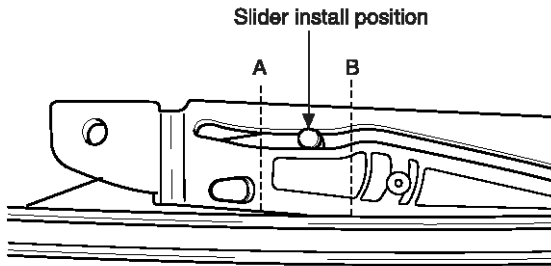
BSCE008Q

BD-50

Body (Interior and Exterior)

REASSEMBLY

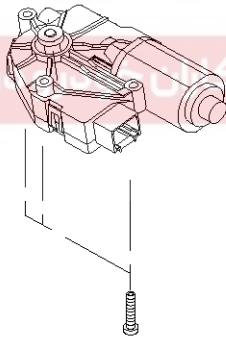
1. Install in reverse order of removal.
2. Align the position of slider when installing sunroof motor.
: Be sure to align it at the center of "A" and "B".



BSCE008R

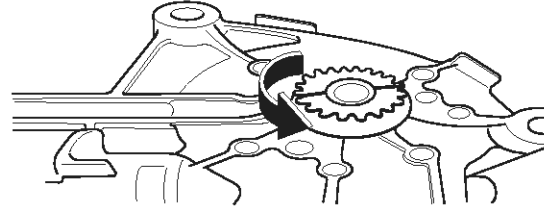
3. In case that "TILT" doesn't operate when pressing TILT switch after sunroof is closed on vehicle, refer to the following procedures.

- 1) Remove sunroof motor.



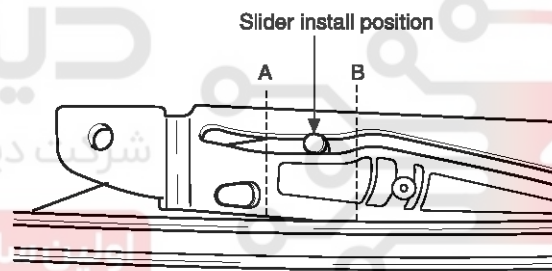
BSCE008U

- 2) Adjust the motor to the stopping point, pressing close switch.



BSCE008V

- 3) Install motor after adjusting the position of slide as shown in the figure.



BSCE008R

- 4) Initialize motor according to the way of initialization.

Sun Roof

BD-51

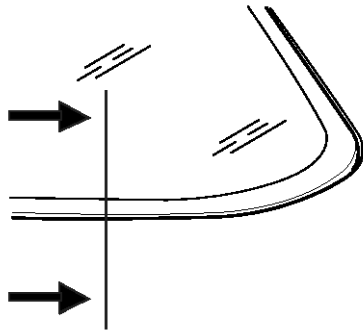
ADJUSTMENT

Adjust the difference between the height of glass weather strip and roof panel.

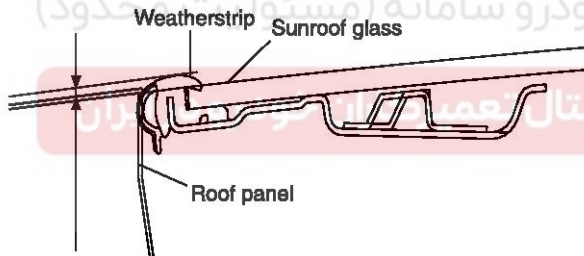
Front side : 0~1.4 mm

Rear side : 1.0~1.4 mm

If the difference is not as specified, adjust using the following procedure.

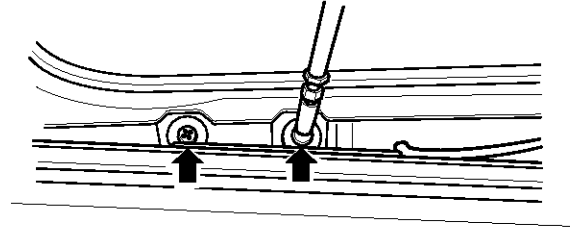


BSCE008W

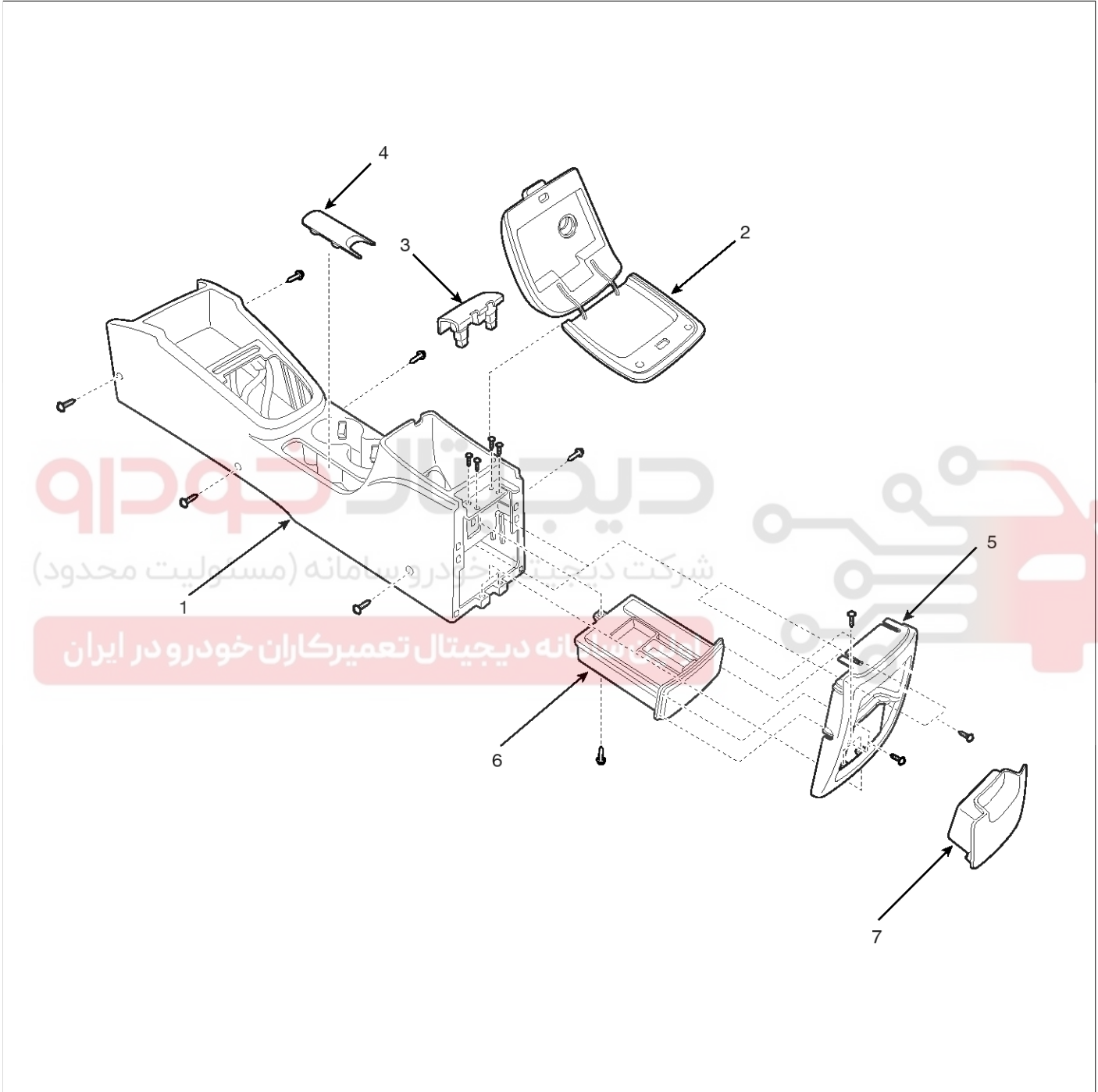


BSCE008X

1. Loosen the front screw and rear screw. Adjust the height between the glass panel and roof panel.



BSCE008B

BD-52**Body (Interior and Exterior)****Interior****Console****COMPONENTS**

- 1. Console assembly
- 2. Armrest
- 3. Switch
- 4. Parking brake

- 5. Console rear cover
- 6. Console lower tray
- 7. Astray

SLDBD6008N

Interior

BD-53

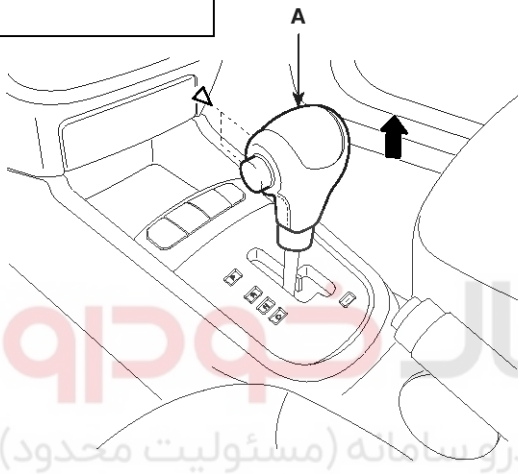
REPLACEMENT

FLOOR CONSOLE REPLACEMENT

NOTICE

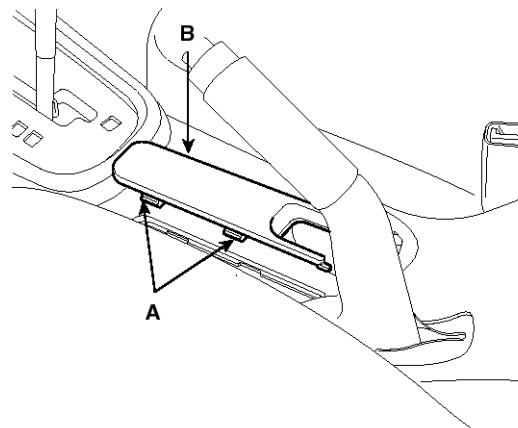
- When prying with a flat-up screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
 - Put on gloves to protect your hands.
1. After loosening the mounting screw, then remove the knob (A).

▷: Screw Locations, 2



SLDBD6004N

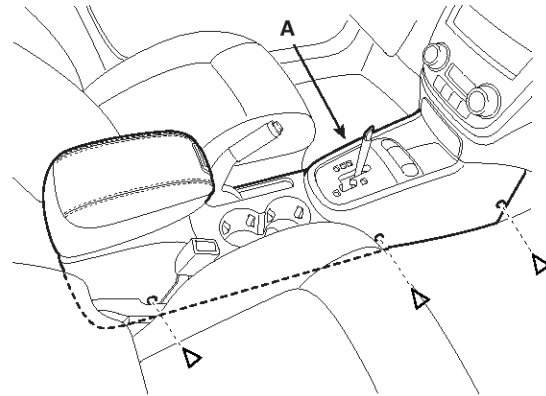
2. Gently detach the hook, remove the parking brake cover (A).



SLDBD6001D

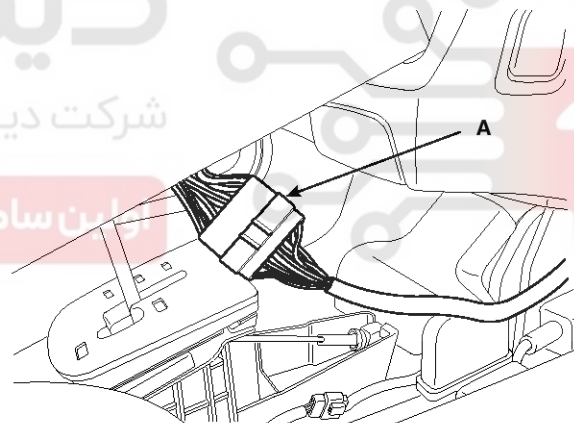
3. After loosening the console mounting screws, remove the floor console assembly (A).

▷: Screw Locations, 6



SLDBD6003N

4. Disconnect the console main harness connector (A).



SLDBD6002D

5. Installation is the reverse of removal.

NOTICE

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

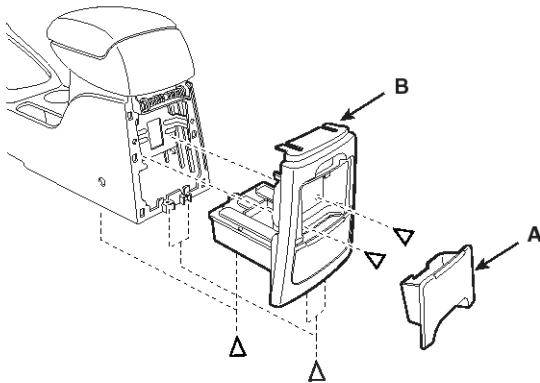
BD-54

Body (Interior and Exterior)

ARMREST REPLACEMENT

1. Remove the ashtray (A).
2. After loosening the armrest mounting screws, then remove the rear cover (B).

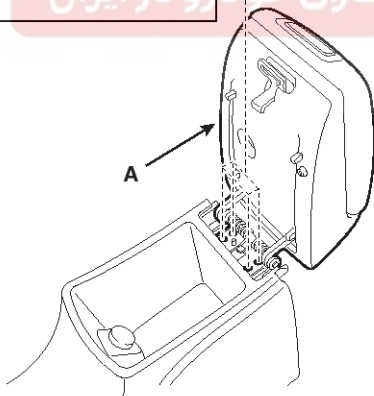
▷: Screw Locations



SLDBD6005N

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

▷: Screw Locations, 4



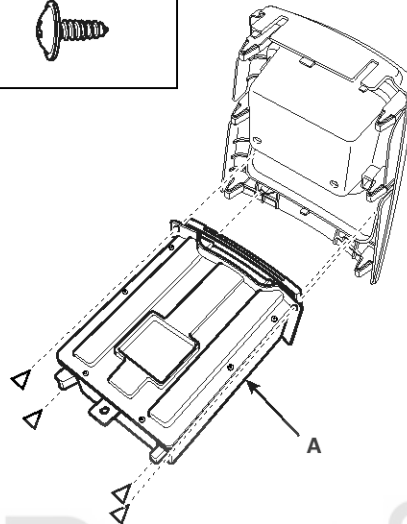
SLDBD6006N

4. Installation is the reverse of removal.

CUP HOLDER TRAY REPLACEMENT

1. Remove the console assembly.
2. Remove the console rear cover.
3. After loosening the armrest mounting screws, remove the armrest (A).

▷: Screw Locations, 4



SLDBD6007N

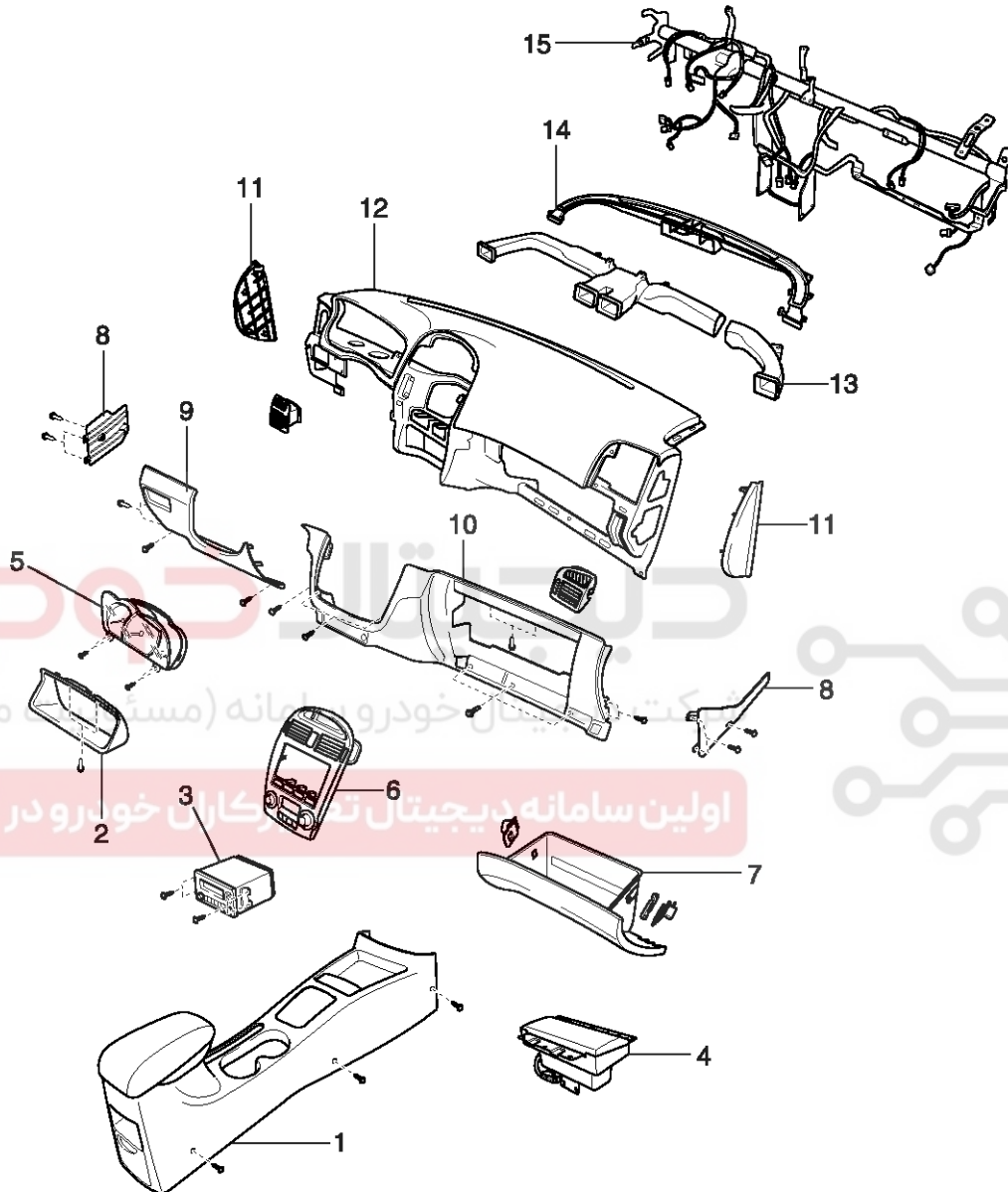
4. Installation is the reverse of removal.

Interior

BD-55

Crash Pad

COMPONENTS



- | | |
|--|-------------------------------|
| 1. Floor console assembly | 9. Lower panel (LH) |
| 2. Cluster fascia panel | 10. Lower panel (RH) |
| 3. Audio assembly | 11. Side cover |
| 4. Passenger airbag assembly | 12. Instrument panel assembly |
| 5. Instrument cluster assembly | 13. Air vent assembly |
| 6. Heater control & center fascia panel assembly | 14. Defroster nozzle |
| 7. Glove box | 15. Cowl crossbar |
| 8. Center crash pad side cover | |

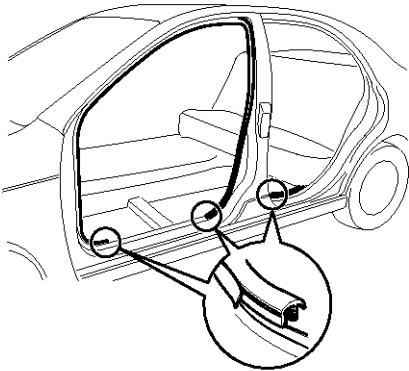
BSGE012A

BD-56

Body (Interior and Exterior)

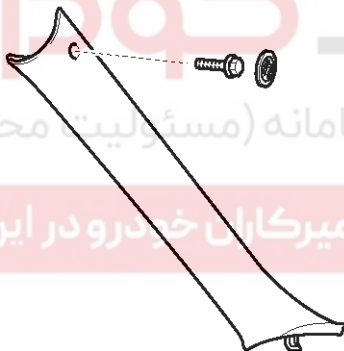
REMOVAL AND INSTALLATION

1. Remove floor console assembly.
2. Remove front pillar trim.
 - 1) Remove body side weatherstrip.



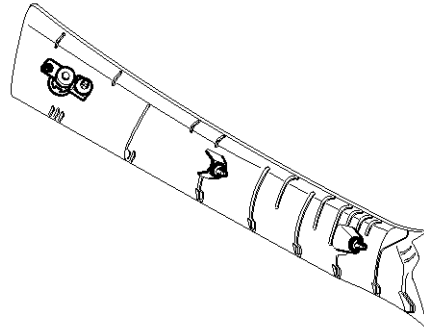
ASGE016B

- 2) Remove pillar blanking cover and bolt.



ASGE016C

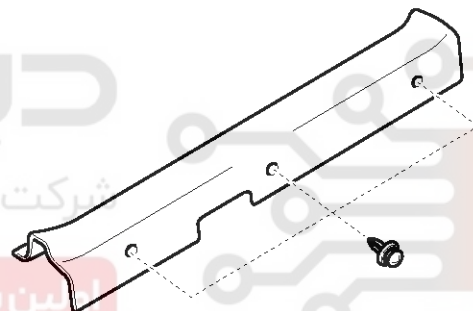
- 3) Remove trim from front pillar.



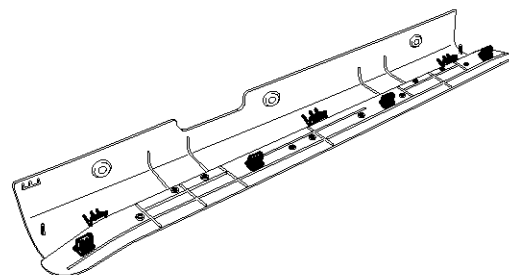
ASGE016D

3. Remove cowl side trim.

- 1) Remove front door scuff trim.



ASGE016E



ASGE016F

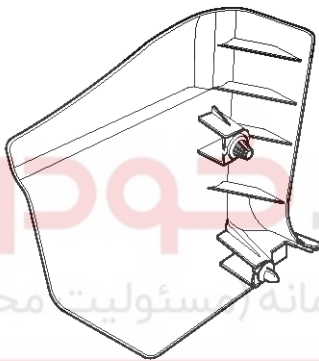
Interior

BD-57

- 2) Remove cowl side trim.

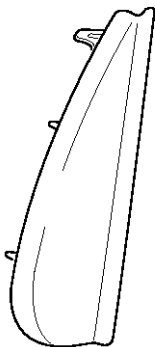


ASGE016G



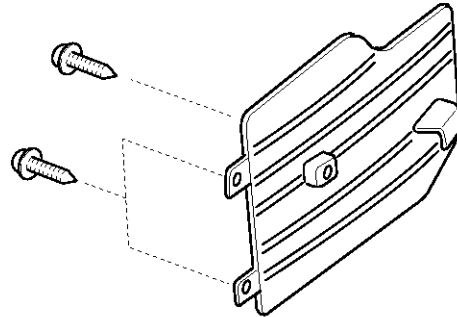
ASGE016H

4. Remove side cover.



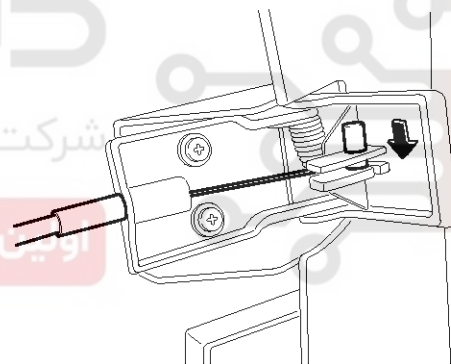
ASGE012B

5. Remove center crash pad side cover(LH/RH).



ASGE012C

- 1) Remove screws(6).
 - 2) Remove center crash pad side cover.
6. Remove lower panel(LH).
- 1) Remove hood release handle cable.

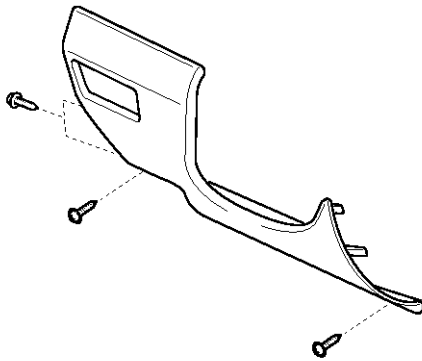


ASGE014D

BD-58

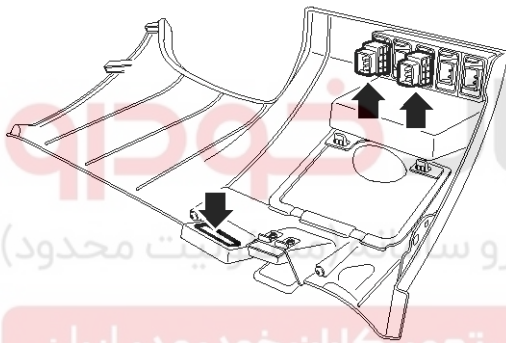
Body (Interior and Exterior)

- 2) Remove screws(4).



ASGE012E

- 3) Disconnect lower panel connector.

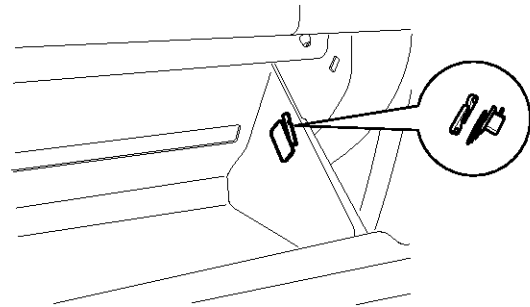


ASGE112B

- 4) Remove lower panel from instrument panel.
 7. Remove steering wheel and column cover.
 Remove steering shaft from cowl cross bar.
 Put steering wheel, column cover, and steering shaft on floor.

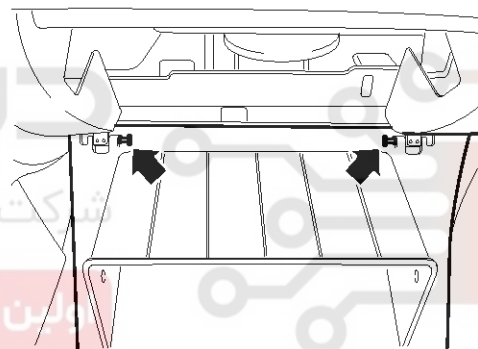
8. Remove glove box.

- 1) Remove guide and damper wire.



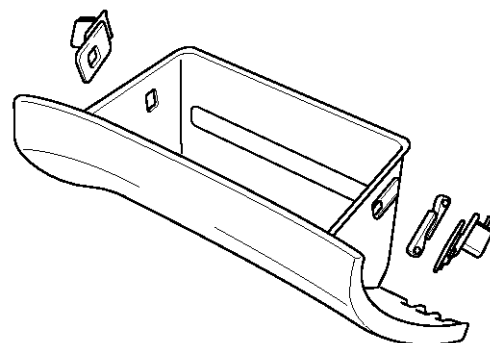
ASGE114C

- 2) Remove hinge pins(2).



ASGE114D

- 3) Remove glove box.



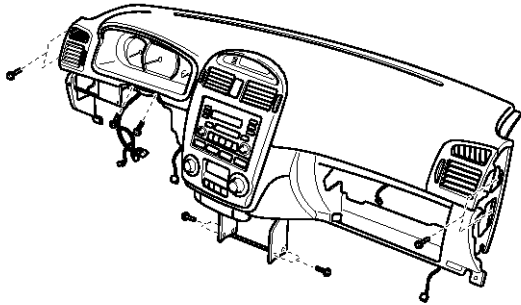
ASGE114E

Interior

BD-59

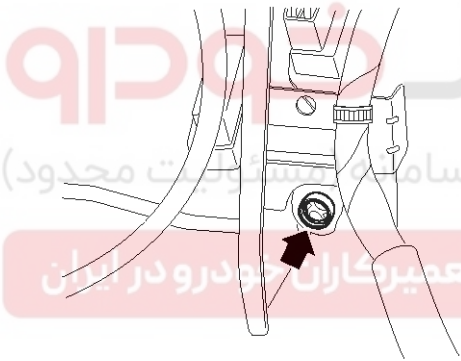
9. Remove instrument panel assembly.

- 1) Remove mounting bolts(12).



ASGE014G

- 2) Disconnect fuse box and electrical connector.
- 3) Remove audio antenna cable.



ASGE014H

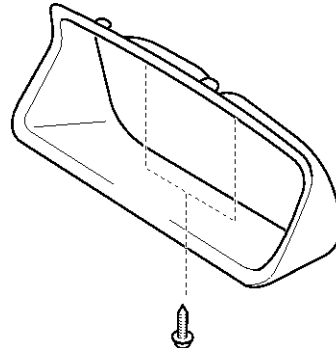
- 4) Remove instrument panel assembly.

10. Install in reverse order of removal.

DISASSEMBLY AND REASSEMBLY

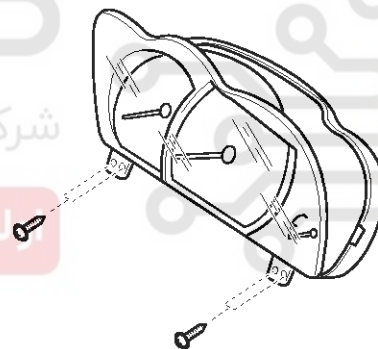
1. Remove instrument cluster.

- 1) Remove cluster fascia panel screws(2).



ASGE014J

- 2) Remove cluster fascia panel.
- 3) Remove instrument cluster screws(4).

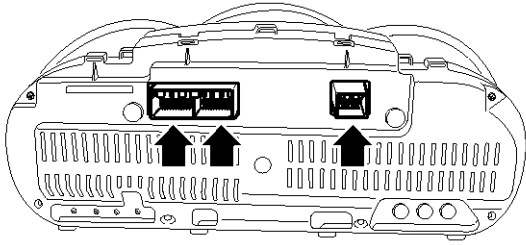


ASGE014K

BD-60

Body (Interior and Exterior)

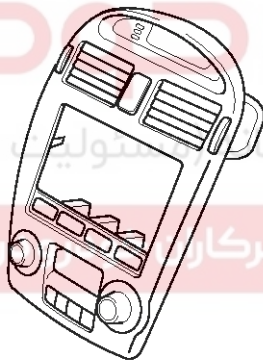
- 4) Disconnect instrument cluster connector.



ASGE014L

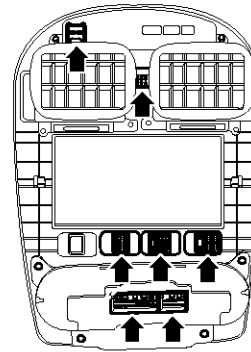
2. Remove heater control assembly and center fascia panel.

- 1) Remove center fascia panel from instrument panel.



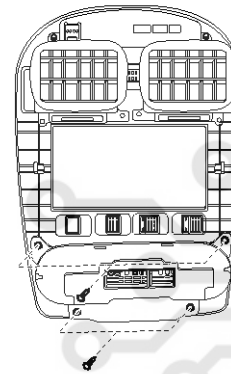
ASGE014P

- 2) Disconnect center fascia panel connector.



ASGE014Q

- 3) Remove heater control assembly screws(4).



ASGE014R

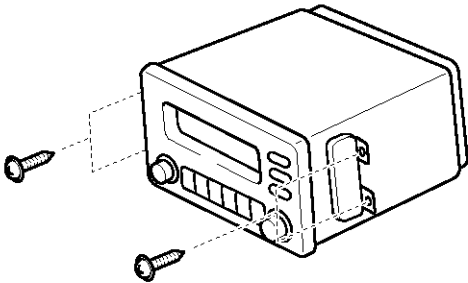
- 4) Remove heater control assembly.

Interior

BD-61

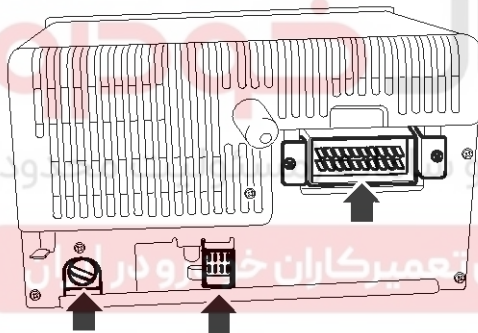
3. Remove audio.

- 1) Remove screws(4).



ASGE014S

- 2) Disconnect electrical connector and antenna cable.

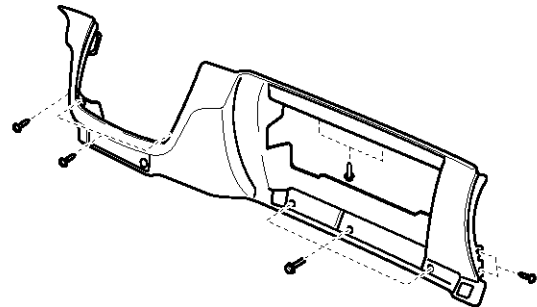


ASGE014T

- 3) Remove audio from instrument panel.

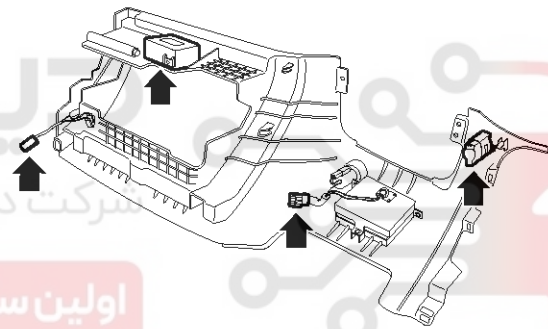
4. Remove lower panel(RH).

- 1) Remove bolts(3) and screws(7).



ASGE014U

- 2) Disconnect electrical connector.

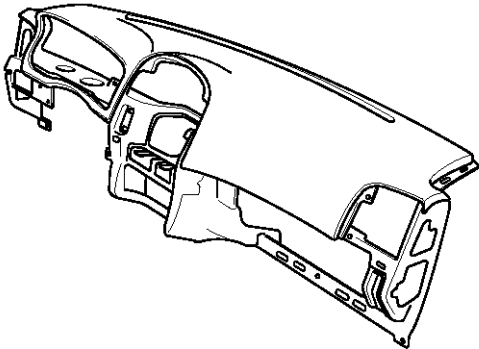


ASGE014V

- 3) Remove lower panel from instrument panel.

BD-62**Body (Interior and Exterior)**

5. Remove instrument fascia panel.
 - 1) Remove mounting bolts(17).



ASGE014W

- 2) Disconnect electrical connector.
 - 3) Remove instrument fascia panel.
6. Install in reverse order of removal.

دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران

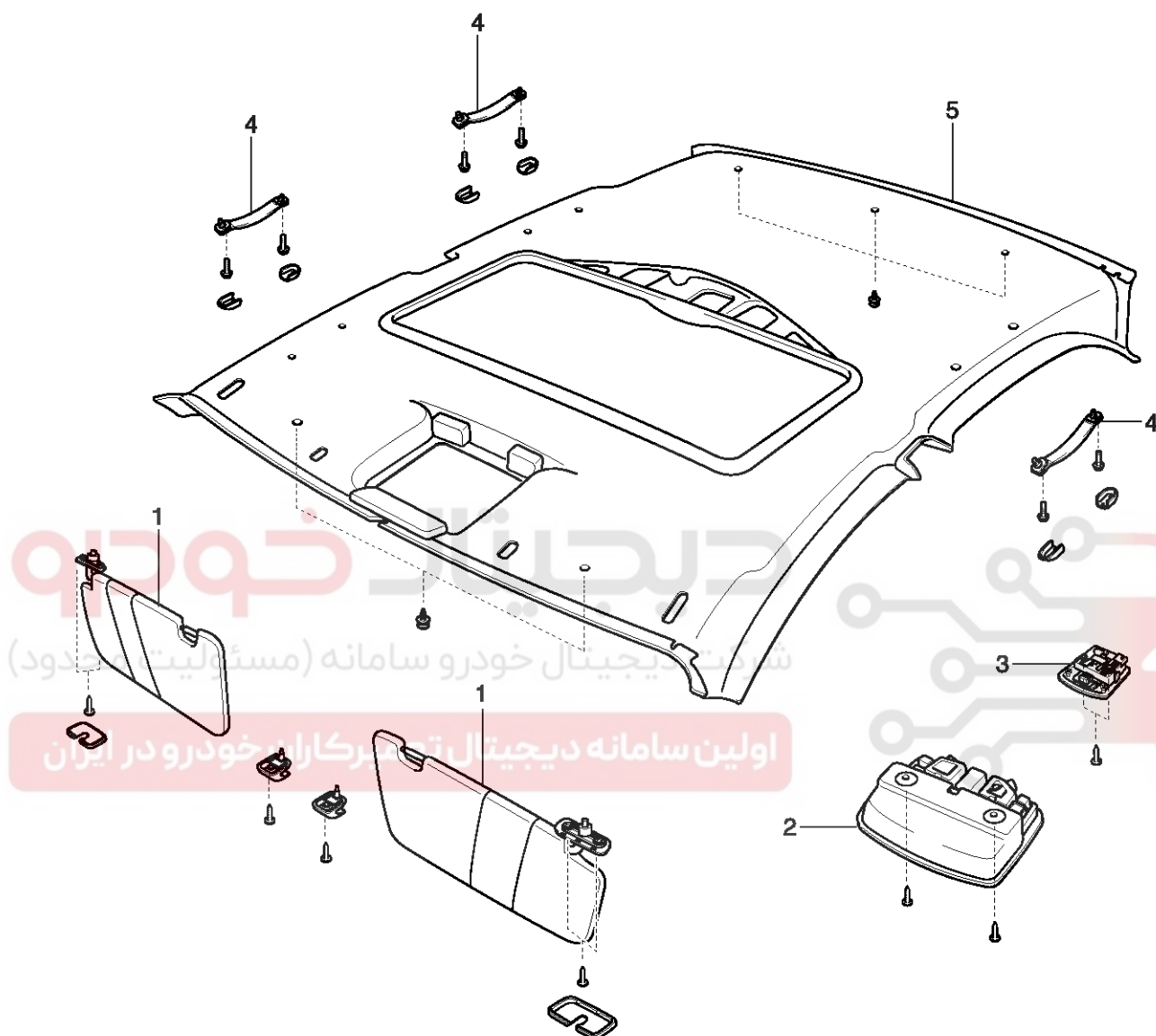


Interior

BD-63

Roof Trim

COMPONENTS



1. Sunvisor
2. Overhead console lamp
3. Room lamp

4. Assist handle
5. Headlining

BSGE013A

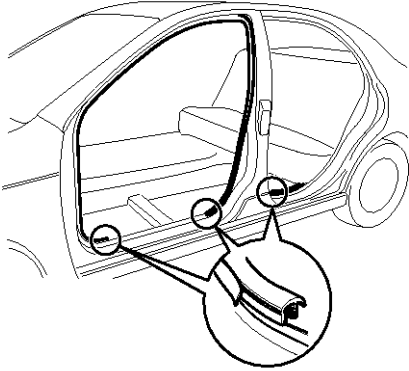
BD-64

Body (Interior and Exterior)

REMOVAL AND INSTALLATION

1. Remove front pillar trim.

1) Remove body side weatherstrip.



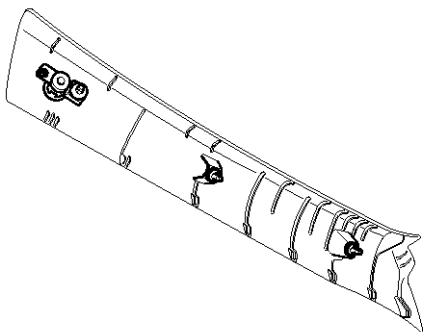
ASGE016B

2) Remove pillar trim blanking cover and bolt.



ASGE016C

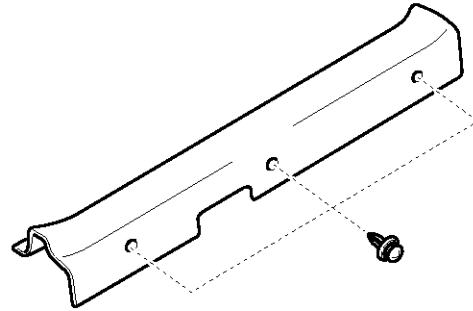
3) Remove trim from front pillar.



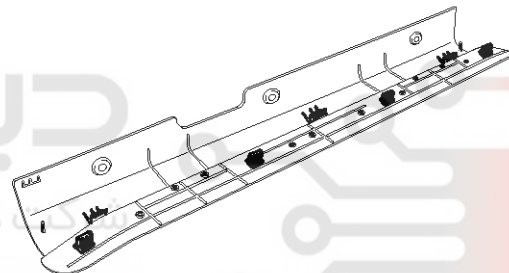
ASGE016D

2. Remove center pillar lower trim.

1) Remove front door scuff trim.



ASGE016E

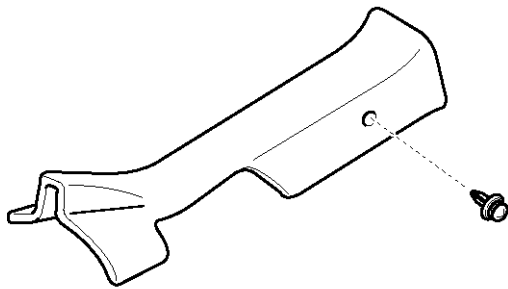


ASGE016F

Interior

BD-65

2) Remove rear door scuff trim.

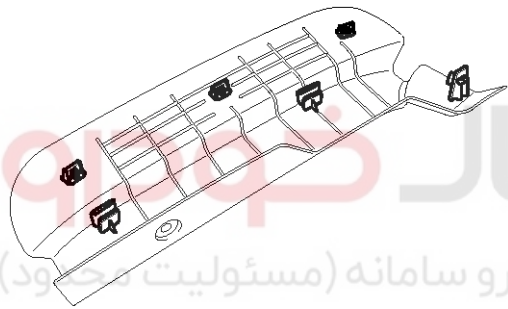


ASGE016J

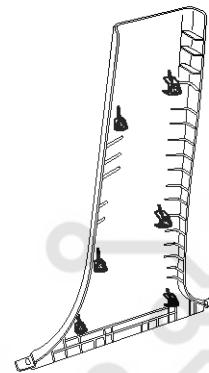
3) Remove center pillar lower trim.



ASGE016L



ASGE016K



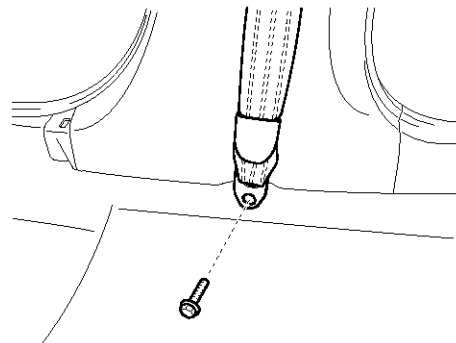
ASGE016M

3. Remove center pillar upper trim.

1) Remove front seat belt lower anchor bolt.

Tightening torque :

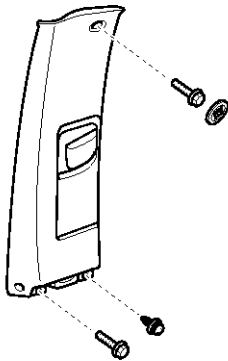
40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



ASGE016N

BD-66**Body (Interior and Exterior)**

- 2) Remove pillar blanking cover.
- 3) Remove bolts(2) and fastener.



ASGE016P

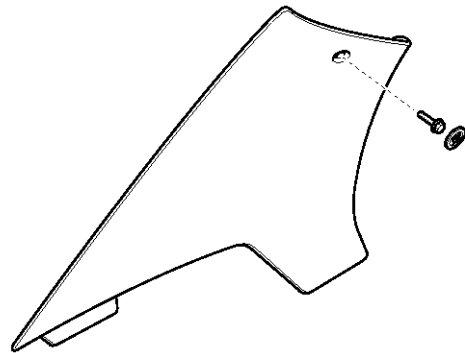
- 4) Remove trim from center pillar.



ASGE016Q

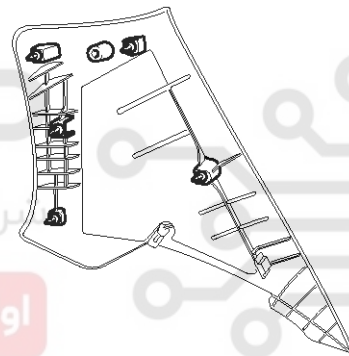
- 5) Remove seatbelt from trim.

4. Remove rear pillar trim.
- 1) Remove pillar blanking cover and bolt.



ASGE016R

- 2) Remove trim from rear pillar.

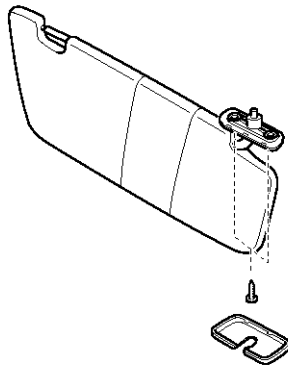


ASGE016S

Interior

BD-67

5. Remove sunvisor(LH).



ASGE013B

- 1) Remove pivot mounting cover and screws(2).
- 2) Remove retainer screw.
- 3) Remove sunvisor from headlining.

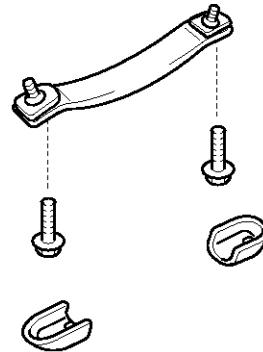
6. Remove sunvisor(RH).



ASGE013C

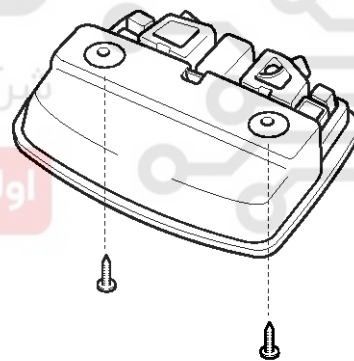
7. Remove assist handle.

- 1) Remove front assist handle cover and bolts(2).



ASGE013D

- 2) Remove front assist handle(LH/RH).
 - 3) Remove rear assist handle(LH/RH).
8. Remove overhead console lamp.
- 1) Open sunglass case, and then remove screws(2).

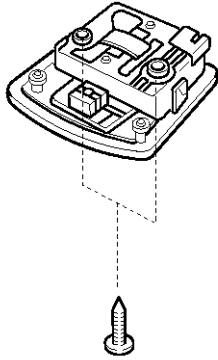


ASGE013E

- 2) Remove lamp from headlining, and then disconnect connector.

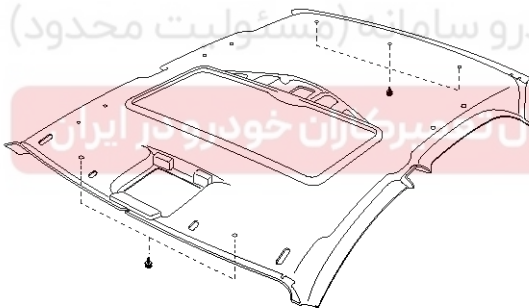
BD-68**Body (Interior and Exterior)**

9. Remove room lamp.
- 1) Remove cover.
 - 2) Remove screws(2).



ASGE013G

- 3) Remove lamp from headlining, and then disconnect connector.
10. Remove headlining assembly.
- 1) Remove fasteners(5).



ASGE013H

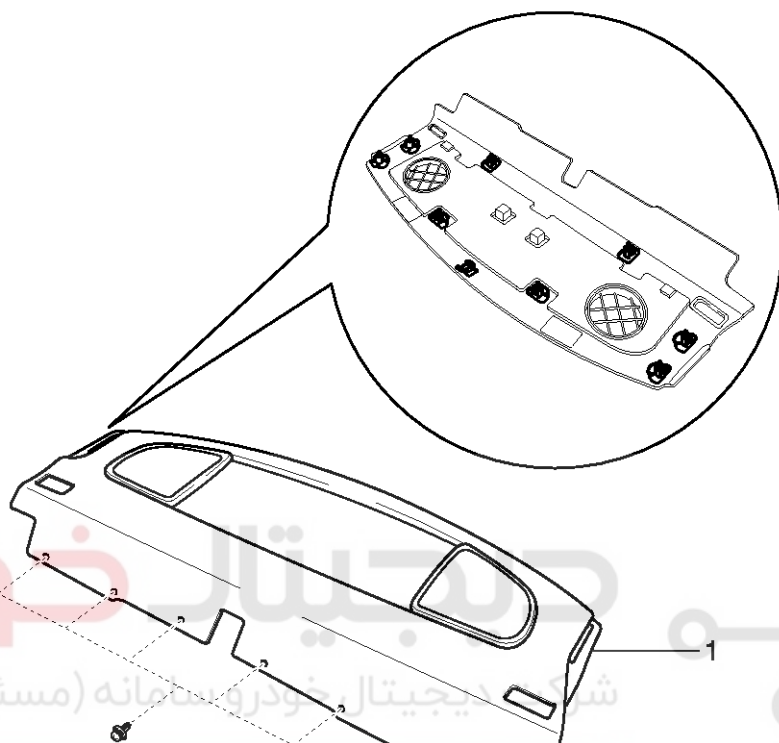
- 2) Remove headlining from vehicle.
11. Install in reverse order of removal.

Interior

BD-69

Package Tray

COMPONENTS



1. Package tray trim

BSGE014A

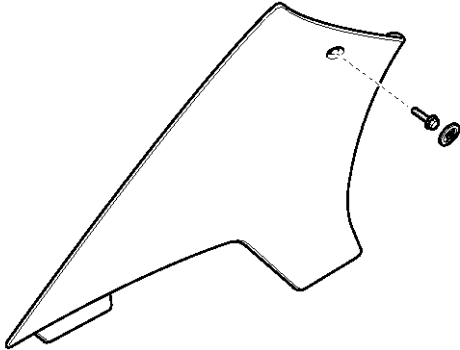
BD-70

Body (Interior and Exterior)

REMOVAL AND INSTALLATION

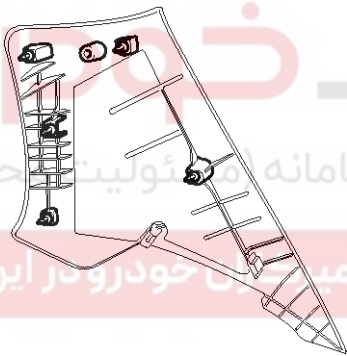
1. Remove rear pillar trim.

- 1) Remove pillar blanking cover and bolt.



ASGE016R

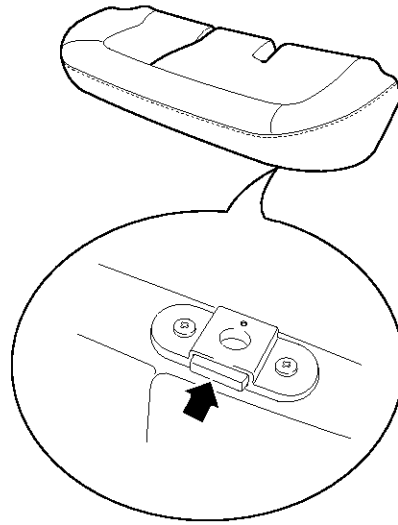
2) Remove trim from rear pillar.



ASGE016S

2. Remove rear seat cushion.

- 1) Release seat cushion stopper.



ASGE026B

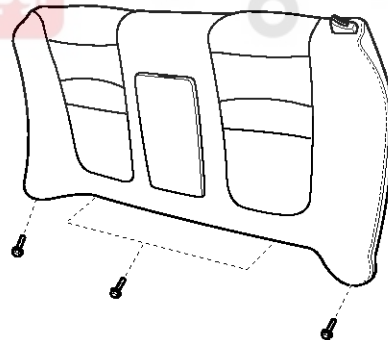
2) Remove seat cushion.

3. Remove rear seatback.

- 1) Remove bolts(4).

Tightening torque :

17~26 N·m (1.7~2.6 kg·m, 12~19 lb·ft)

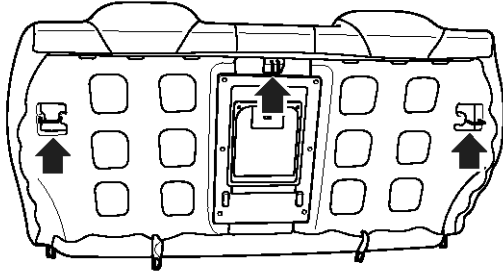


ASGE026C

Interior

BD-71

- 2) Remove seat belt from belt guide.
- 3) Release seatback stopper, and then remove seatback.

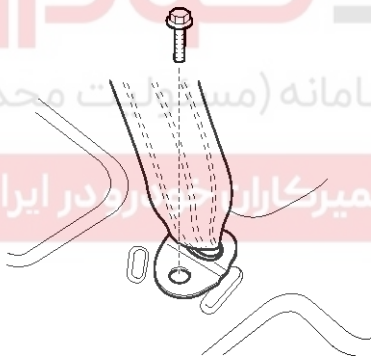


ASGE026D

4. Remove seat belt lower anchor bolt(LH/RH).

Tightening torque :

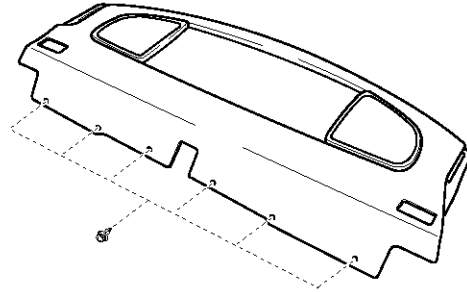
40~55 N.m (4.0~5.5 kg.m, 29~40 lb.ft)



ASGE028B

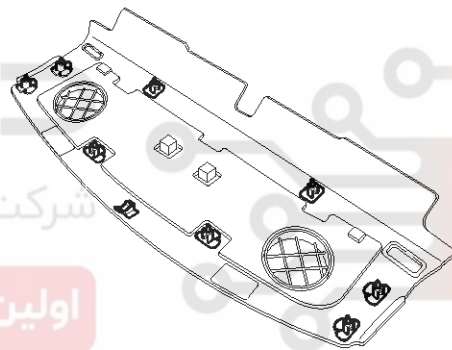
5. Remove rear package tray trim.

- 1) Remove fasteners(6).



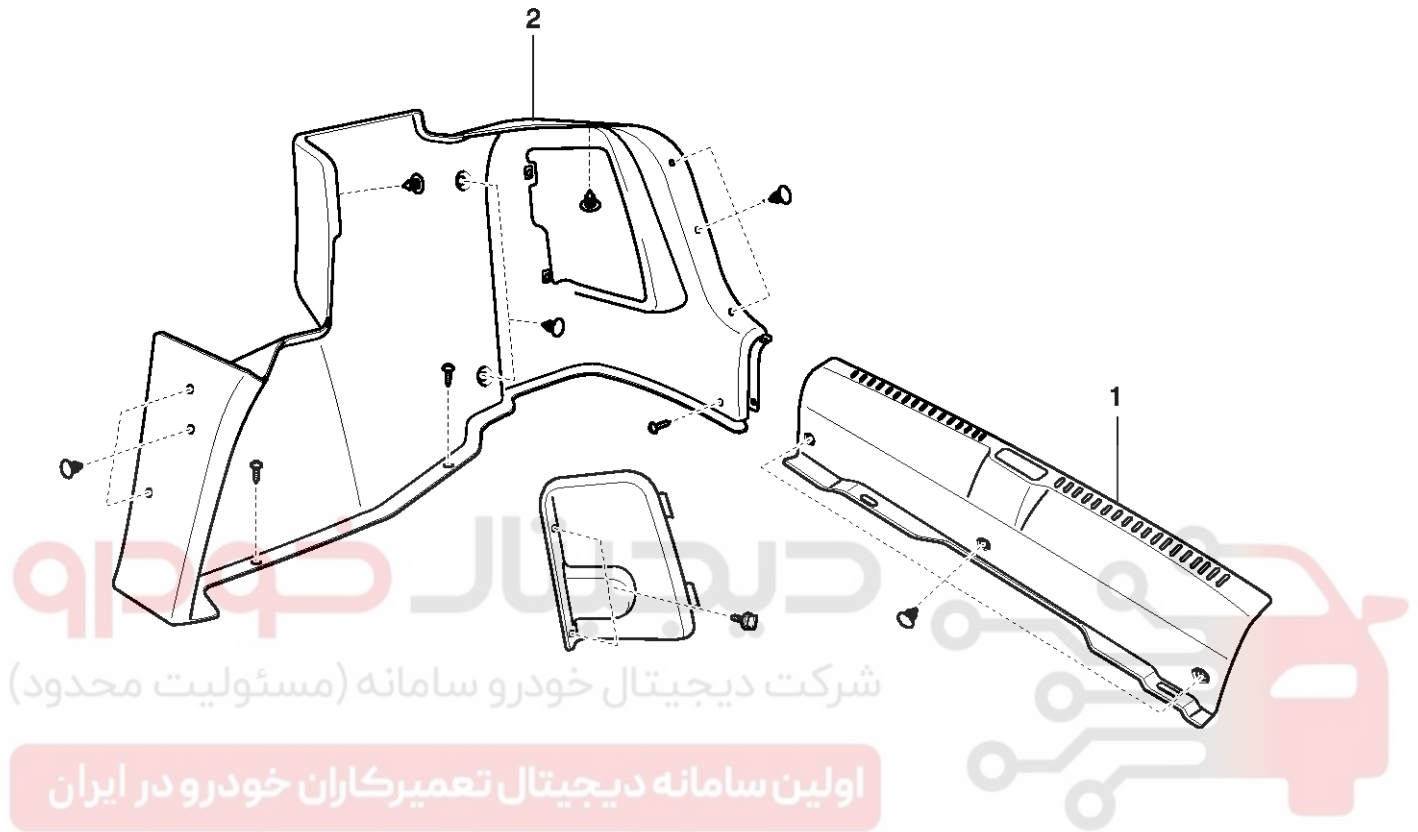
ASGE014B

- 2) Remove trim from rear package tray.



ASGE014C

- 3) Remove seat belt guide and seat belt from trim.
6. Install in reverse order of removal.

BD-72**Body (Interior and Exterior)****Trunk Lid Trim****COMPONENTS**

1. Rear transverse trim

2. Luggage side trim

BSGE015A

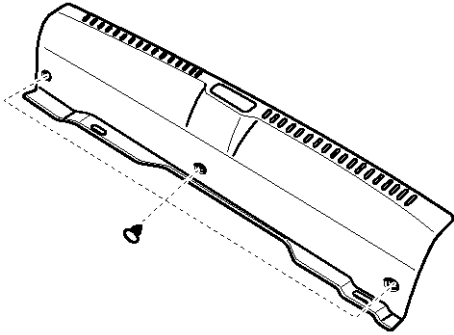
Interior

BD-73

REMOVAL AND INSTALLATION

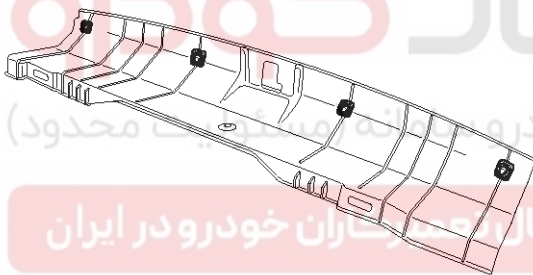
1. Remove rear transverse trim.

- 1) Remove fasteners(3).



ASGE015B

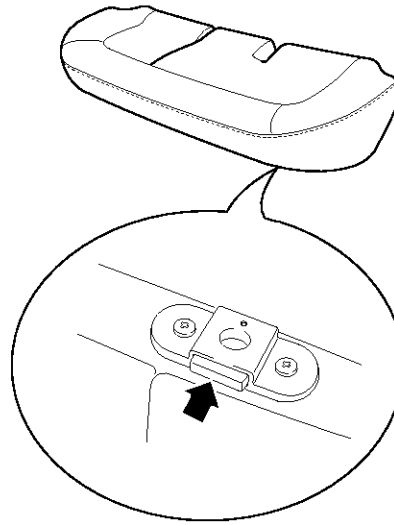
2) Remove rear transverse trim.



ASGE015C

2. Remove rear seat cushion.

- 1) Release seat cushion stopper.



ASGE026B

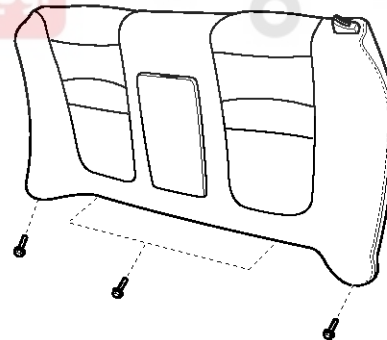
2) Remove seat cushion.

3. Remove rear seatback.

- 1) Remove bolts(4).

Tightening torque :

17~26 N·m (1.7~2.6 kg·m, 12~19 lb·ft)

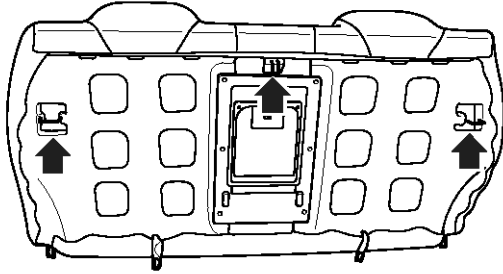


ASGE026C

BD-74

Body (Interior and Exterior)

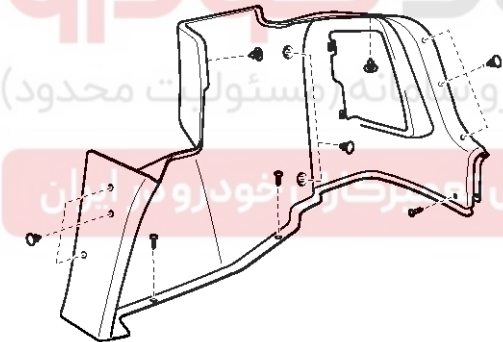
- 2) Remove seat belt from belt guide.
- 3) Release seatback stopper, and then remove seatback.



ASGE026D

4. Remove luggage side trim.

- 1) Remove trunk lid weatherstrip.
- 2) Remove screws(3) and fasteners(9).

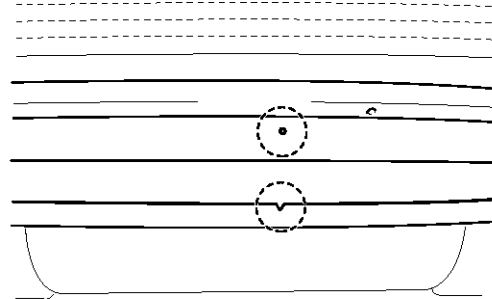


ASGE015D

- 3) Remove luggage side trim from trunk.

5. Install in reverse order of removal.

When installing trunk lid weatherstrip, the painting mark of weather strip and the "V"-shaped groove of body flange should meet.

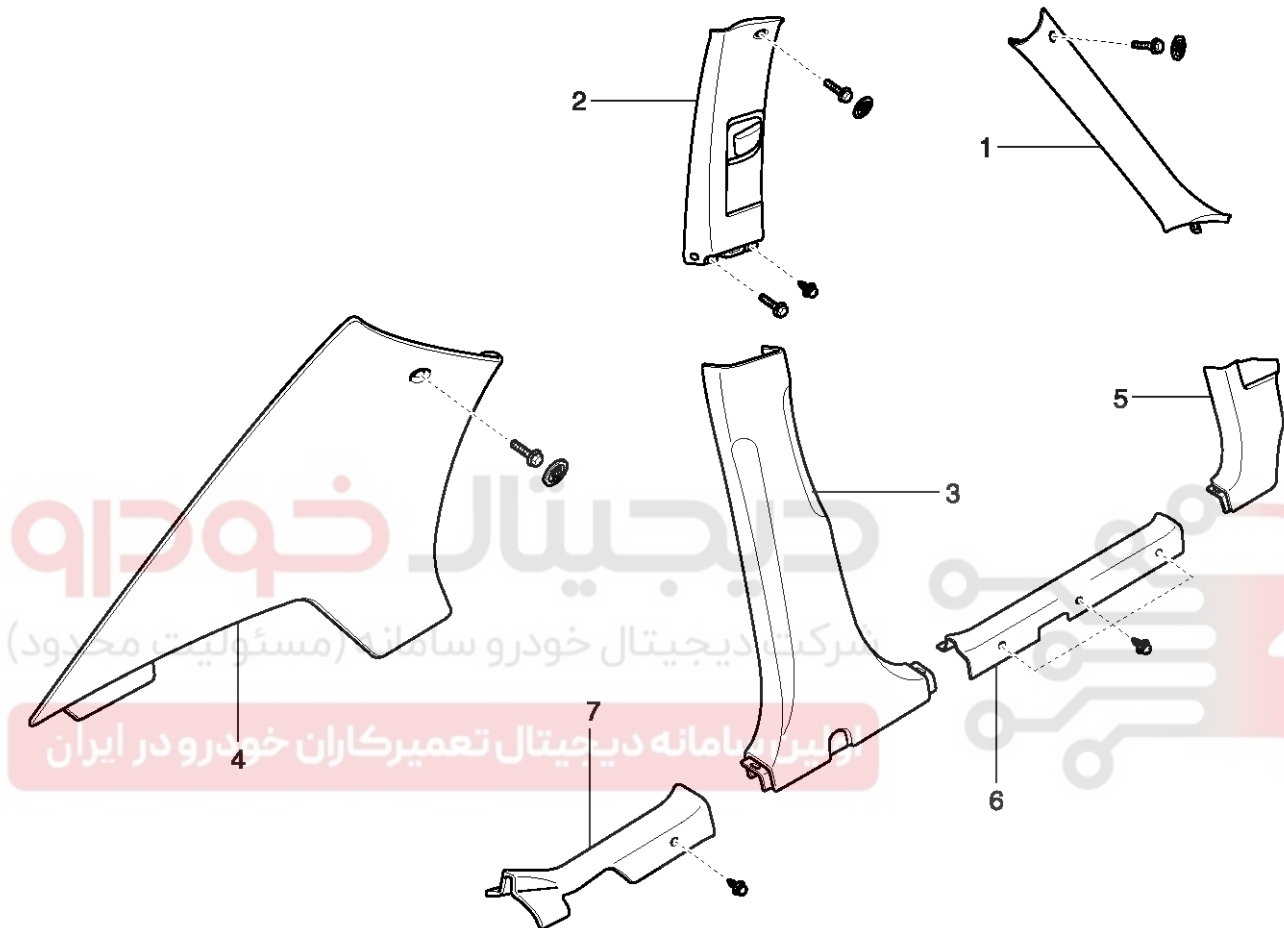


ASGE015E

Interior

BD-75

Interior Trim COMPONENTS



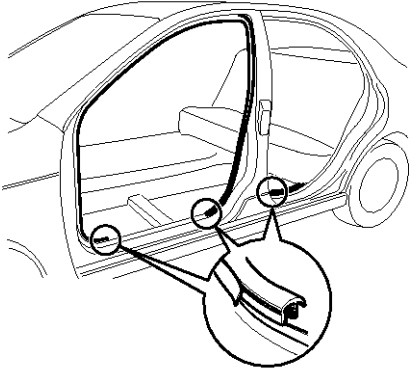
- 1. Front pillar trim
- 2. Center pillar upper trim
- 3. Center pillar lower trim
- 4. Rear pillar trim

- 5. Cowl side trim
- 6. Front door scuff trim
- 7. Rear door scuff trim

BSGE016A

BD-76**Body (Interior and Exterior)****REMOVAL AND INSTALLATION
FRONT PILLAR TRIM**

1. Remove body side weatherstrip.



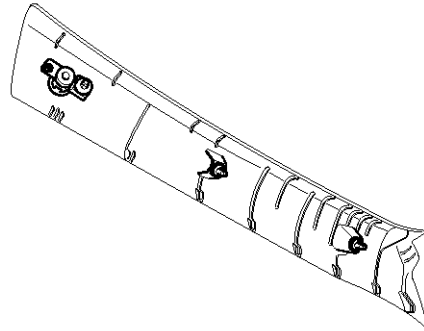
ASGE016B

2. Remove pillar blanking cover and bolt.



ASGE016C

3. Remove trim from front pillar.



ASGE016D

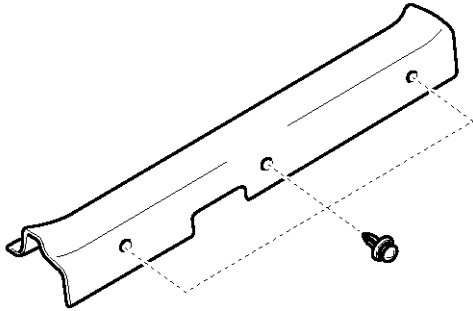
4. Install in reverse order of removal.

Interior

BD-77

COWL SIDE TRIM

1. Remove front door scuff trim.

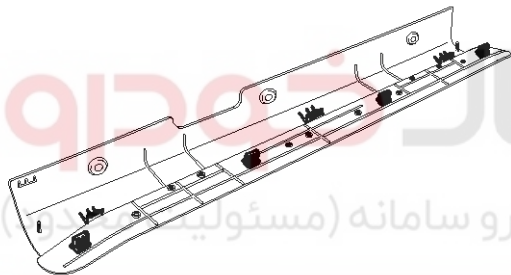


ASGE016E

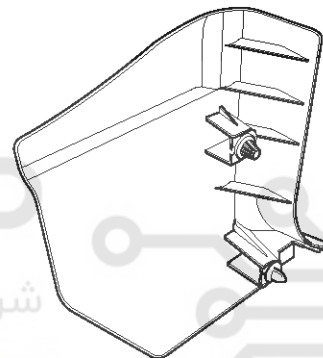
2. Remove cowl side trim.



ASGE016G



ASGE016F



ASGE016H

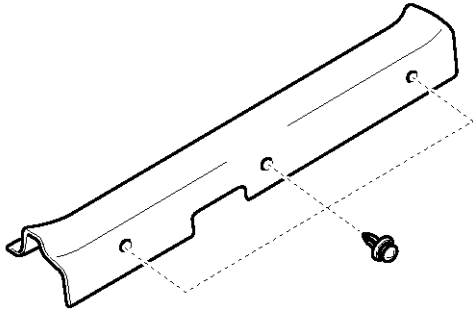
3. Install in reverse order of removal.

BD-78

Body (Interior and Exterior)

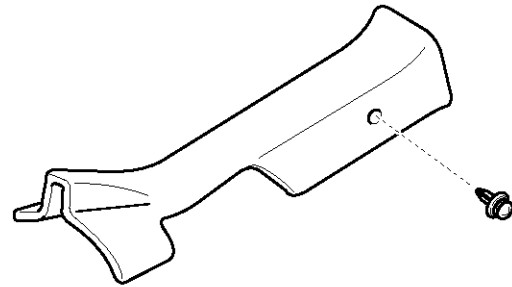
CENTER PILLAR LOWER TRIM

1. Remove front door scuff trim.

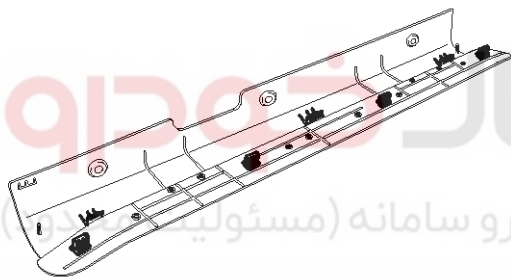


ASGE016E

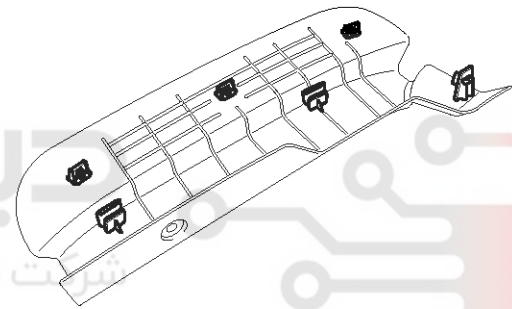
2. Remove rear door scuff trim.



ASGE016J

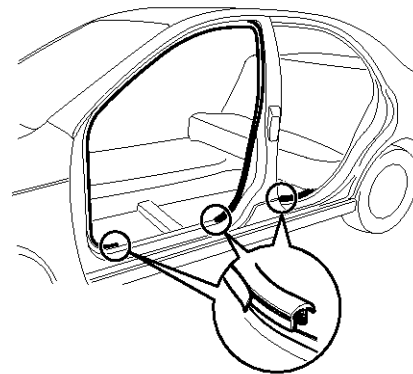


ASGE016F



ASGE016K

3. Remove body side weatherstrip.



ASGE016B

Interior

BD-79

4. Remove center pillar lower trim.



ASGE016L



ASGE016M

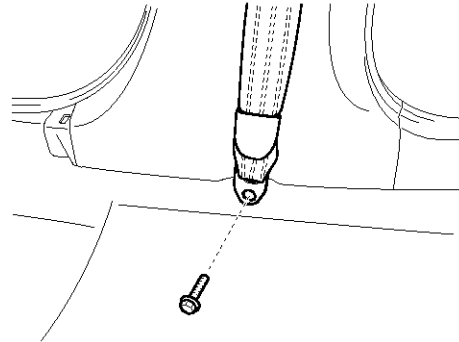
5. Install in reverse order of removal.

CENTER PILLAR UPPER TRIM

1. Remove front seat belt lower anchor bolt.

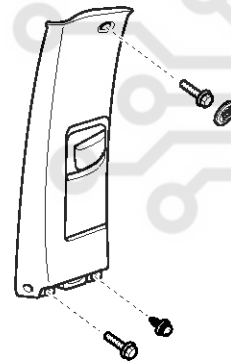
Tightening torque :

40~55 N.m (4.0~5.5 kg.m, 29~40 lb.ft)



ASGE016N

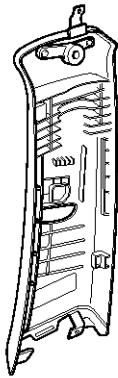
2. Remove pillar blanking cover.
3. Remove bolts(2) and fastener.



ASGE016P

BD-80**Body (Interior and Exterior)**

4. Remove trim from center pillar.

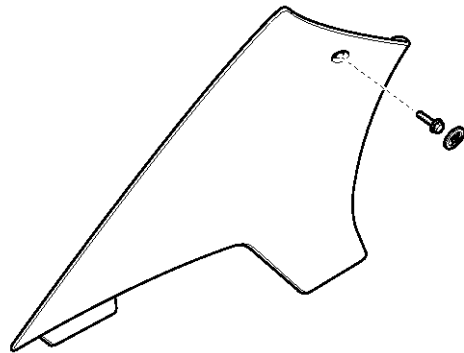


ASGE016Q

5. Remove seat belt from trim.
6. Install in reverse order of removal.

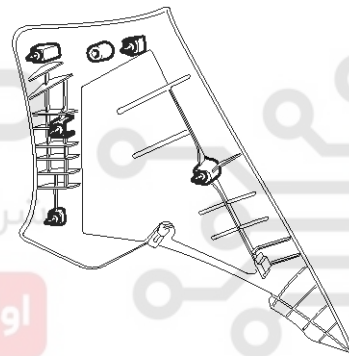
REAR PILLAR TRIM

1. Remove pillar blanking cover and bolt.



ASGE016R

2. Remove trim from rear pillar.



ASGE016S

3. Install in reverse order of removal.



Interior

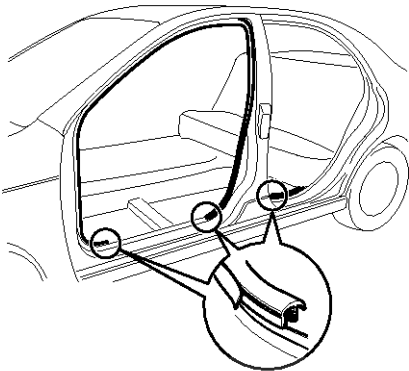
BD-81

Windshield Glass

REMOVAL

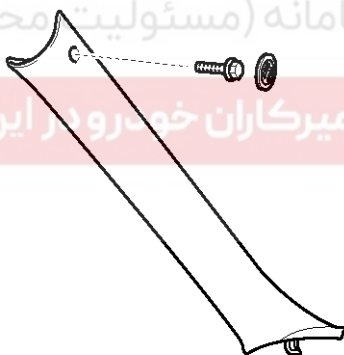
1. To remove windshield glass, first remove the following parts.

- 1) Remove front pillar trim.
 - a. Remove body side weatherstrip.



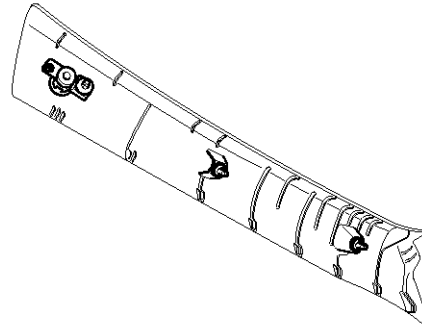
ASGE016B

- b. Remove pillar blanking cover and bolt.



ASGE016C

- c. Remove trim from front pillar.



ASGE016D

- 2) Remove inside rearview mirror.
 - a. Remove inside rearview mirror base cover.
 - b. Disconnect inside rearview mirror connector.
 - c. Remove inside rearview mirror from inside rearview mirror base.
- 3) Remove wiper arm(RH).
 - a. Remove wiper arm cap.
 - b. Remove wiper arm nut.

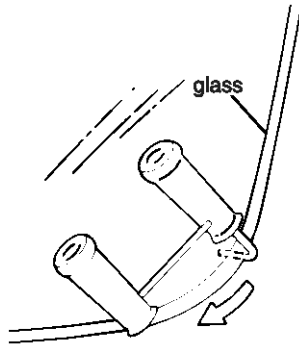
Tightening torque :
28~33 kg·m (2.8~3.3 kg·m, 20~24 lb·ft)

- 4) Remove windshield wiper arm(RH).
- 5) Remove cowl top cover.
 - a. Remove cowl top cover fasteners(5).
 - b. Remove cowl top cover.
2. Remove windshield glass side molding.

BD-82

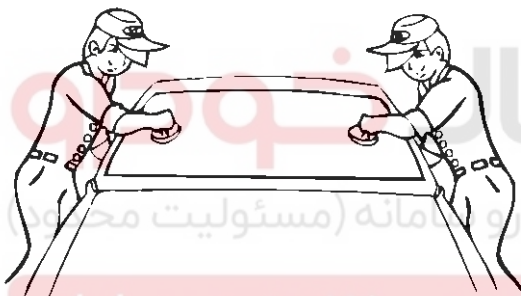
Body (Interior and Exterior)

3. Pierce the sealant with a knife.



LSCD017F

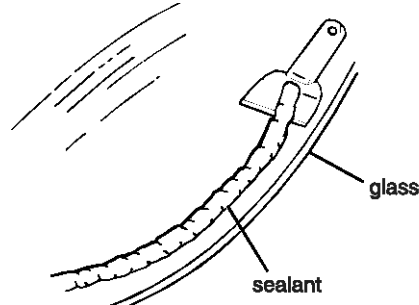
4. Remove windshield glass using glass holder.



LSAC240D

INSTALLATION

1. Remove the excess sealant from the glass with a window scraper.

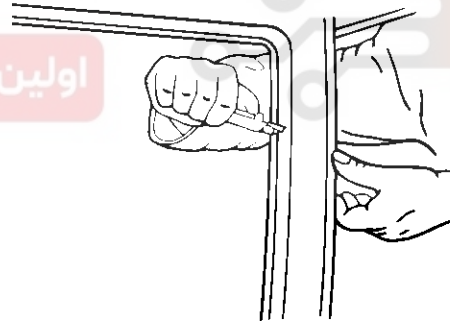


LSCD017G

2. Remove the excess sealant and foam dam from the body with a knife.

NOTICE

When removing the sealant, pay attention not to scrape the paint on the body off. If the paint is scraped off, use a paint for repair.

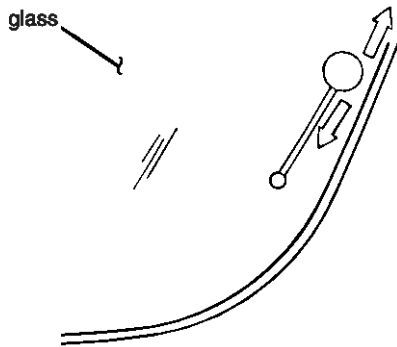


ASCD017H

Interior

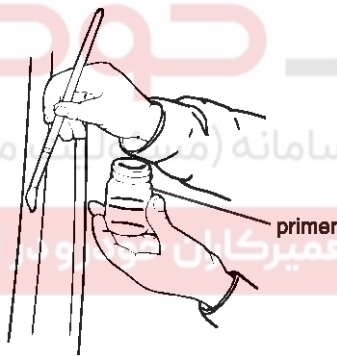
BD-83

- Clean the inside of the glass with commercial glass cleaner and a lint-free cloth.
- Prime an area approximately 20 mm(3/4 inch) wide around the complete perimeter of the glass.



LSCD017J

- Prime the contact area on the body.



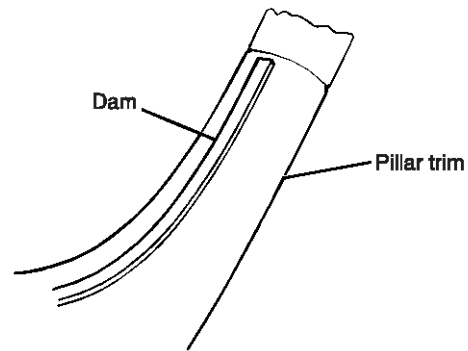
LSCD017K

- Reprime the same area on the inside surface of the glass.

NOTICE

Do not permit any primed surface to become contaminated with dirt, water, oil, etc. Do not touch primed surfaces with your hands. Contamination will affect adhesion.

- Install the self-adhesive foam dam to the body where the original dam had been.



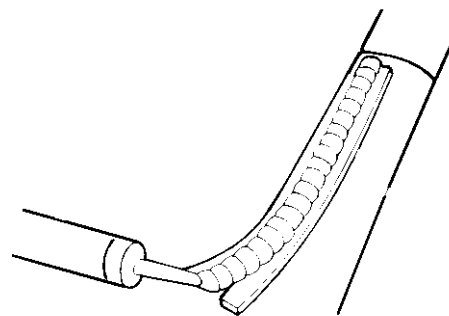
LSCD017L

- Apply the sealant bead to the body just outside the dam. The bead should be slightly higher than the dam.

NOTICE

The following cure times may be critical. Attempting to replace a windshield in ambient temperature over 35°C(95°F) should be avoided before completing the application.

Temperature	Surface hardening time	Time required until vehicle can be returned to service
5°C(41°F)	approx 1.5 hrs	12 hrs
13°C(55°F)	approx 1.2 hrs	8 hrs
20°C(68°F)	approx 1 hrs	4 hrs
28°C(81°F)	approx 0.5 hrs	3 hrs
35°C(95°F)	approx 10 hrs	2 hrs

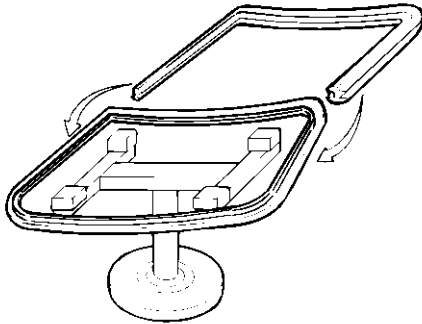


ASCD017M

BD-84

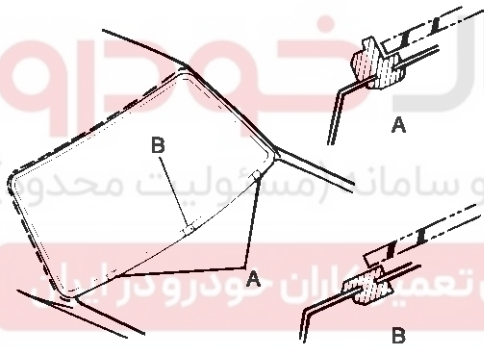
Body (Interior and Exterior)

9. Install molding on the glass.



ASCD017N

10. Install the glass into the body making sure the glass rests upon the two spacers at the bottom of the windshield.

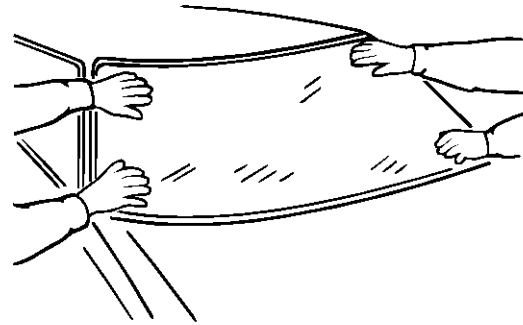


ASCD017P

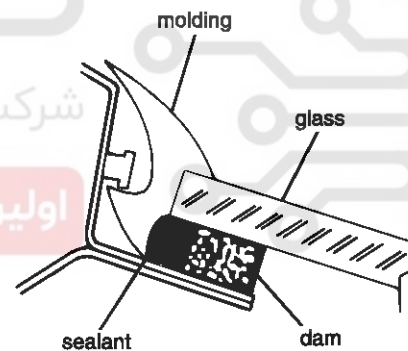
11. Press glass firmly into place.

NOTICE

Lower both front door windows and leave them in that condition until the vehicle can be put back into service. If the vehicle were completely closed, quickly closing a door could break the seal.



ASCD017Q



LSCD017R

12. Remove excess sealant, if any.

13. Install windshield glass side molding.

14. Perform water leak test immediately.

15. Install cowl top cover.

16. Install wiper arm(LH/RH).

Tightening torque :

28~33 kg·m (2.8~3.3 kg·m, 20~24 lb·ft)

17. Install inside rearview mirror.

18. Install front pillar trim(LH/RH).

Interior

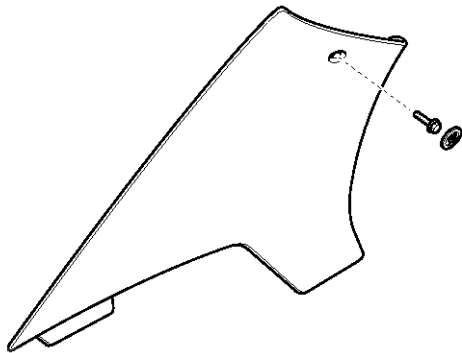
BD-85

Rear Window Glass

REMOVAL

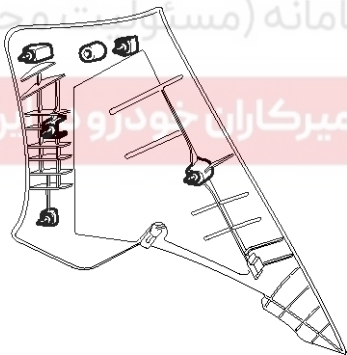
1. To remove rear window glass, first remove the following parts.

- 1) Remove rear pillar trim.
 - a. Remove pillar blanking cover and bolt.



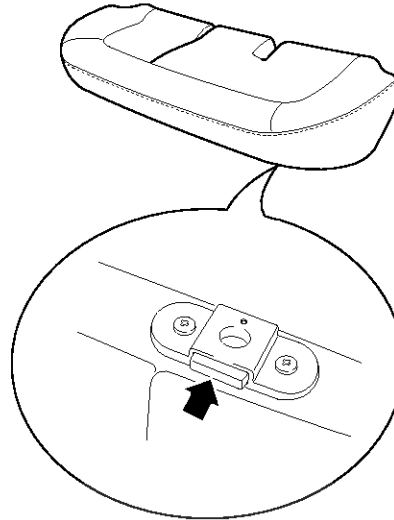
ASGE016R

- b. Remove trim from rear pillar.



ASGE016S

- 2) Remove rear seat cushion.
 - a. Release rear cushion stopper.



ASGE026B

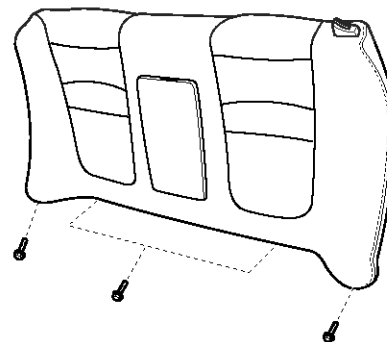
- b. Remove seat cushion.

- 3) Remove rear seatback.

- a. Remove bolts(4).

Tightening torque :

17~26 N.m (1.7~2.6 kg.m, 12~19 lb.ft)

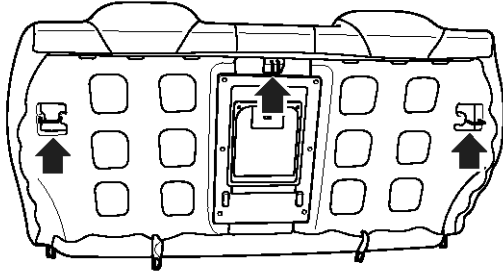


ASGE026C

BD-86

Body (Interior and Exterior)

- b. Remove seat belt from belt guide.
- c. Release seatback stopper, and then remove seatback.

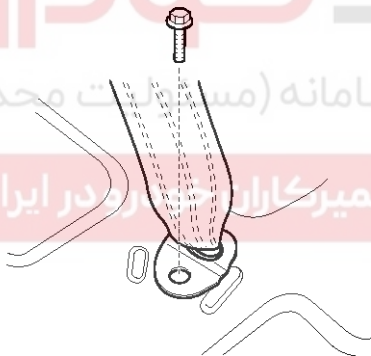


ASGE026D

- 4) Remove seat belt lower anchor bolt(LH/RH).

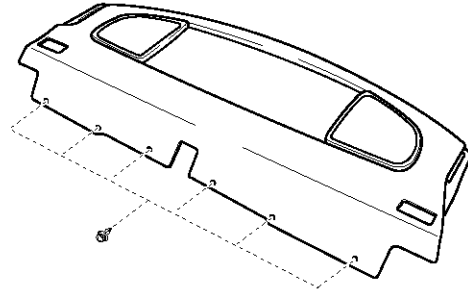
Tightening torque :

40~55 N.m (4.0~5.5 kg.m, 29~40 lb.ft)



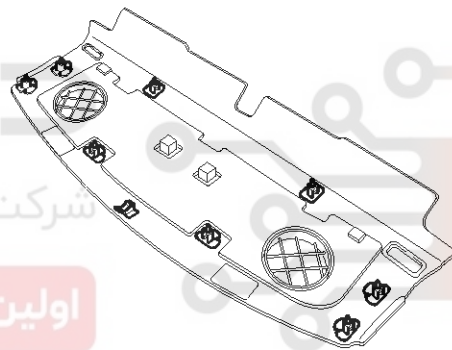
ASGE028B

- 5) Remove rear package tray trim.
 - a. Remove fasteners(6).



ASGE014B

- b. Remove trim from rear package tray.



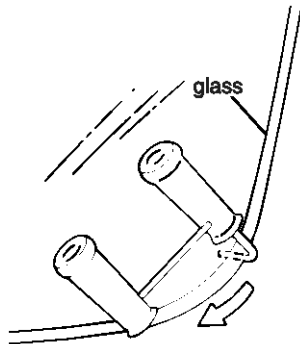
ASGE014C

- c. Remove seat belt guide and seat belt from trim.

Interior

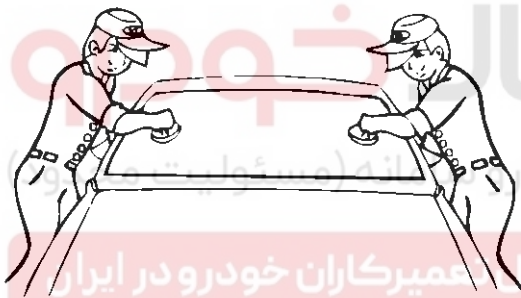
BD-87

2. Disconnect rear window defogger connector.
3. Remove sealant with a knife.



LSCD017F

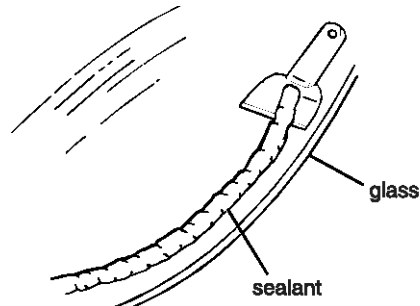
4. Remove rear window glass using glass holder.



LSAC240D

INSTALLATION

1. Remove the excess sealant from the glass with a window scraper.

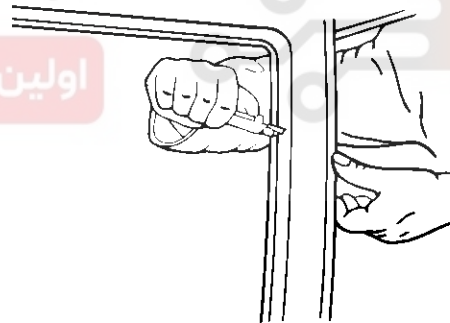


LSCD017G

2. Remove the excess sealant and foam dam from the body with a knife.

NOTICE

When removing the sealant, pay attention not to scrape the paint on the body off. If the paint is scraped off, use a paint for repair.

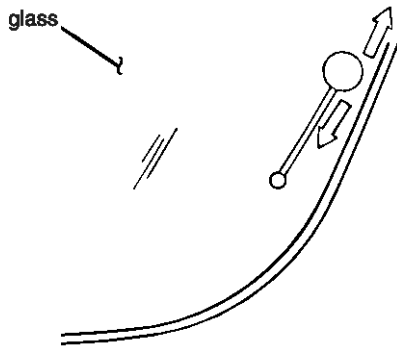


ASCD017H

BD-88

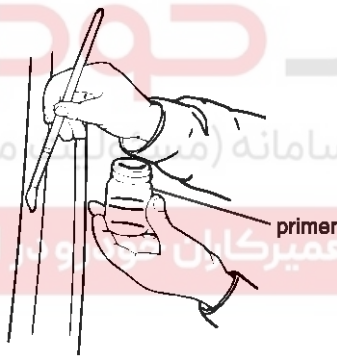
Body (Interior and Exterior)

- Clean the inside of the glass with commercial glass cleaner and a lint-free cloth.
- Prime an area approximately 20 mm(3/4 inch) wide around the complete perimeter of the glass.



LSCD017J

- Prime the contact area on the body.



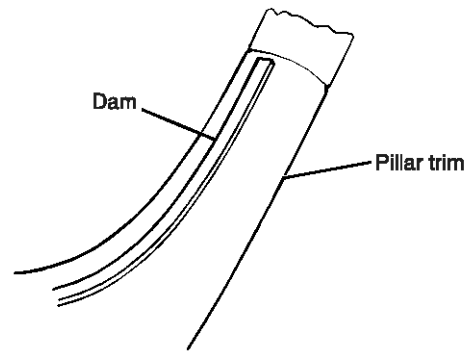
LSCD017K

- Reprime the same area on the inside surface of the glass.

NOTICE

Do not permit any primed surface to become contaminated with dirt, water, oil, etc. Do not touch primed surfaces with your hands. Contamination will affect adhesion.

- Install the self-adhesive foam dam to the body where the original dam had been.



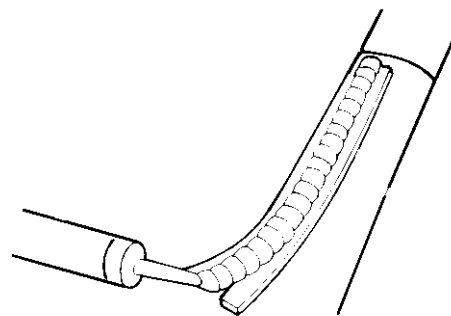
LSCD017L

- Apply the sealant bead to the body just outside the dam. The bead should be slightly higher than the dam.

NOTICE

The following cure times may be critical. Attempting to replace a windshield in ambient temperature over 35°C(95°F) should be avoided before completing the application.

Temperature	Surface hardening time	Time required until vehicle can be returned to service
5°C(41°F)	approx 1.5 hrs	12 hrs
13°C(55°F)	approx 1.2 hrs	8 hrs
20°C(68°F)	approx 1 hrs	4 hrs
28°C(81°F)	approx 0.5 hrs	3 hrs
35°C(95°F)	approx 10 hrs	2 hrs

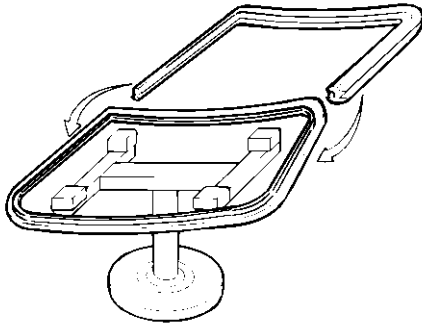


ASCD017M

Interior

BD-89

9. Install molding on the glass.



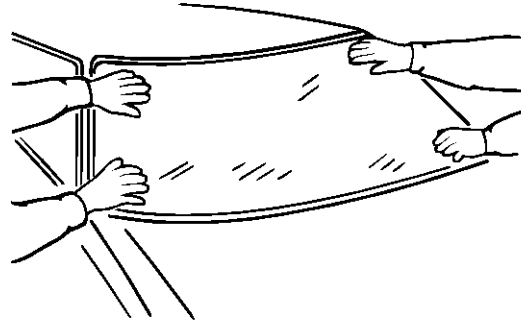
ASCD017N

10. Install the glass into the body making sure the glass rests upon the two spacers at the bottom of the windshield.

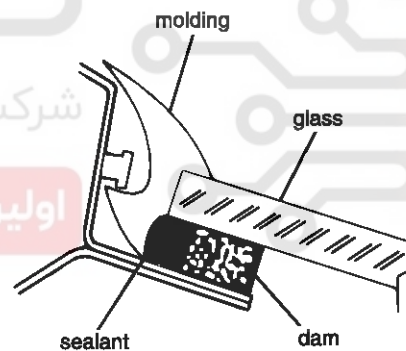
11. Press glass firmly into place.

NOTICE

Lower both front door windows and leave them in that condition until the vehicle can be put back into service. If the vehicle were completely closed, quickly closing a door could break the seal.

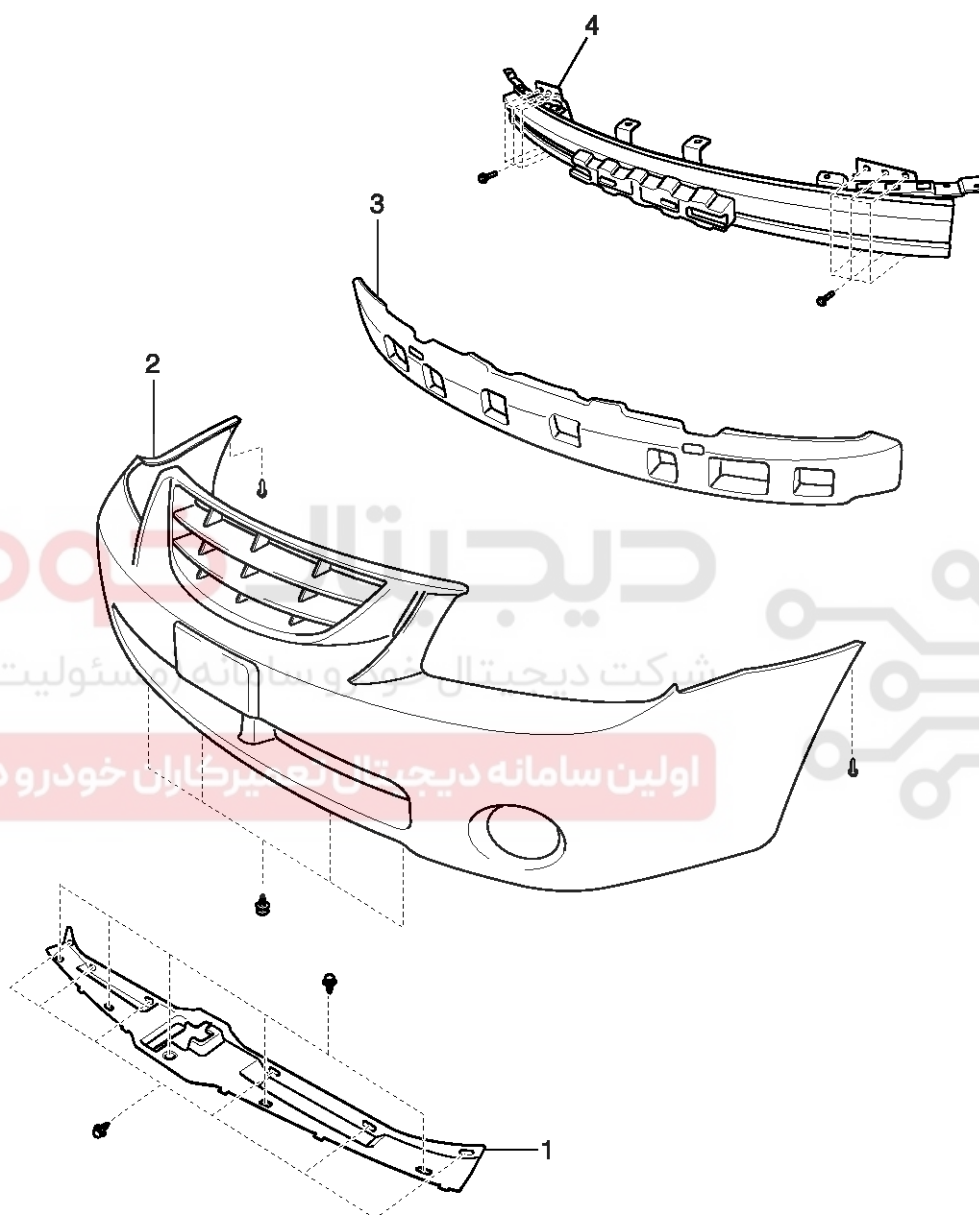


ASCD017Q



LSCD017R

12. Remove excess sealant, if any.
 13. Install rear window glass side molding.
 14. Perform water leak test immediately.
 15. Connect rear window defogger connector.
 16. Install package tray.
 17. Install rear pillar trim.

BD-90**Body (Interior and Exterior)****Bumper****Front Bumper****COMPONENTS**

1. Radiator grille upper guard
2. Bumper cover

3. Bumper energy absorber foam
4. Bumper rail

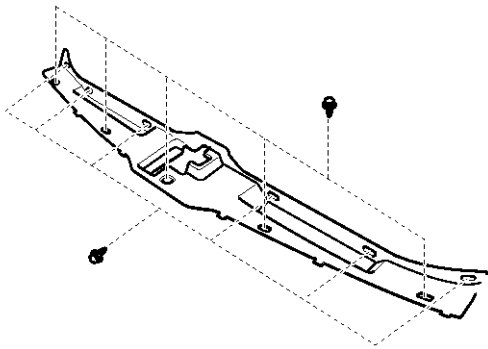
BSGE023A

Bumper

BD-91

REMOVAL AND INSTALLATION

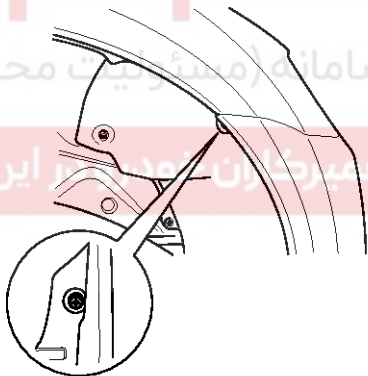
1. Remove radiator grille upper guard.



ASGE023B

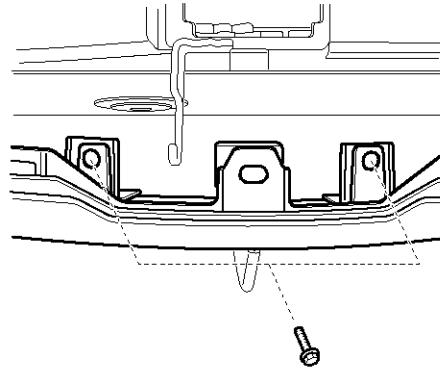
2. Remove headlamp assembly.
3. Remove bumper cover & energy absorber foam assembly.

- 1) Remove screws from left/right side of bumper cover.



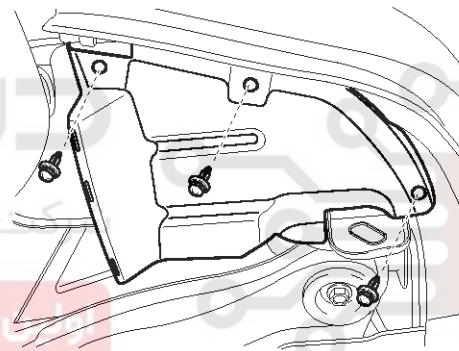
ASGE023C

- 2) Remove bolts(2) from top of bumper cover.



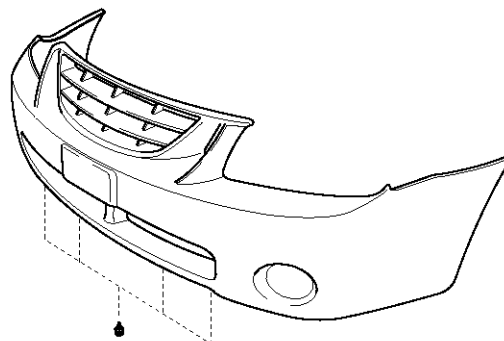
ASGE023D

- 3) Remove fasteners(3) from left/right side of bumper cover.



ASGE023E

- 4) Remove fasteners(4) from bottom of bumper cover.



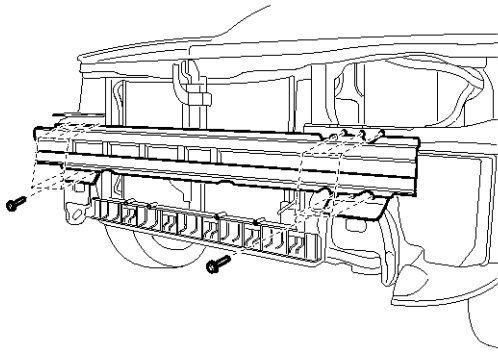
ASGE023F

BD-92**Body (Interior and Exterior)**

- 5) Disconnect front fog lamp connector, and then remove bumper cover.
4. Remove bumper rail.
 - 1) Remove mounting bolts(12) from left/right side of bumper rail.

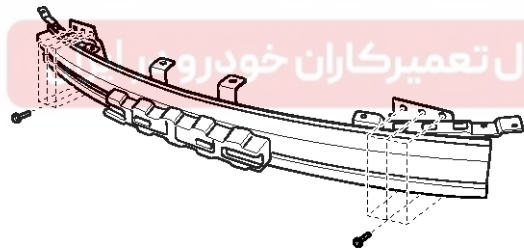
Tightening torque :

22~27 N.m (2.2~2.7kg.m, 16~20 lb.ft)



ASGE023G

- 2) Remove bumper rail.



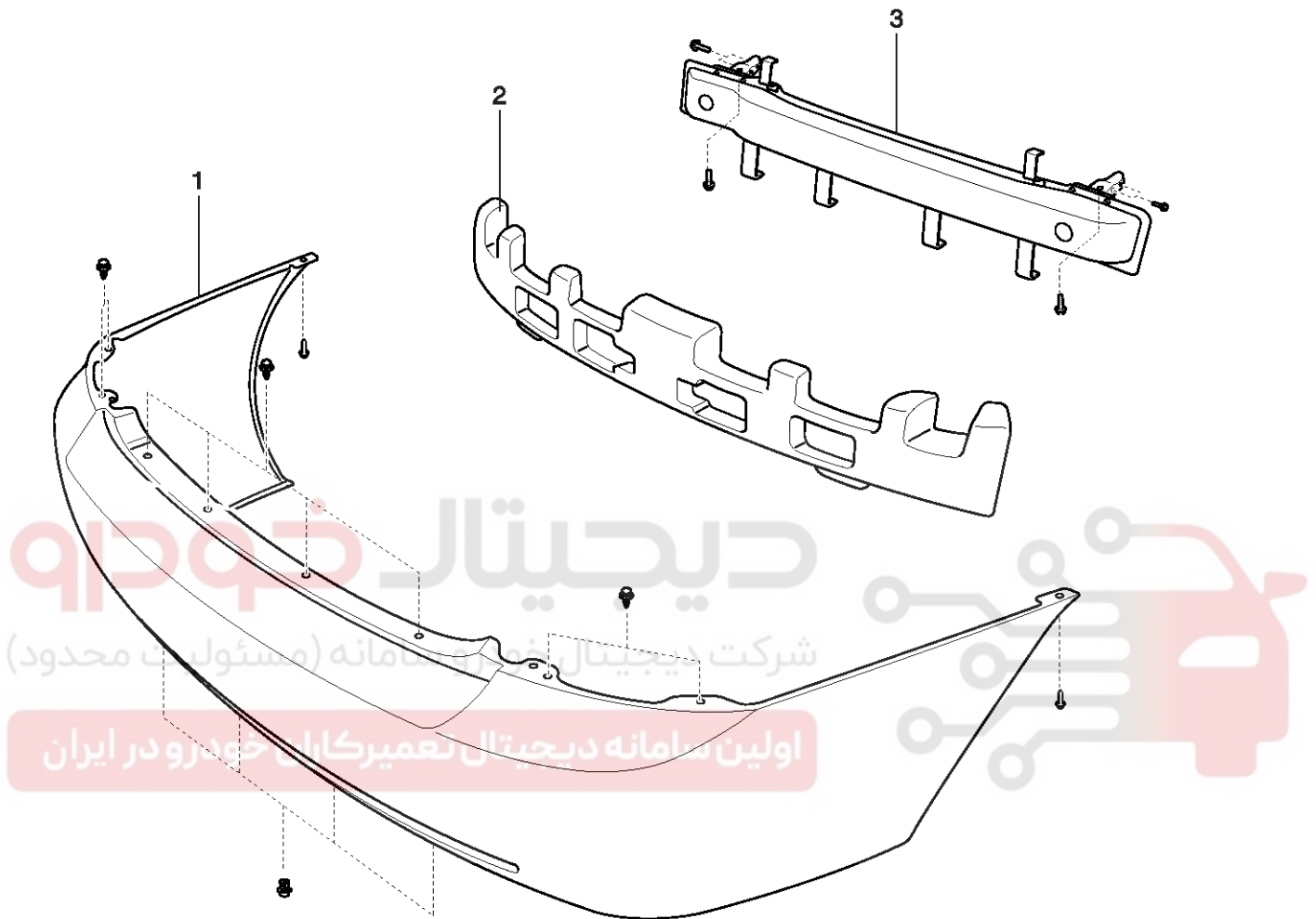
ASGE023H

5. Install in reverse order of removal.

Bumper

BD-93

Rear Bumper COMPONENTS



- 1. Bumper cover
- 2. Bumper energy absorber foam

- 3. Bumper beam

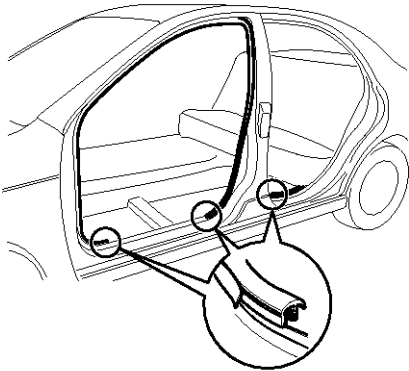
BSGE024A

BD-94

Body (Interior and Exterior)

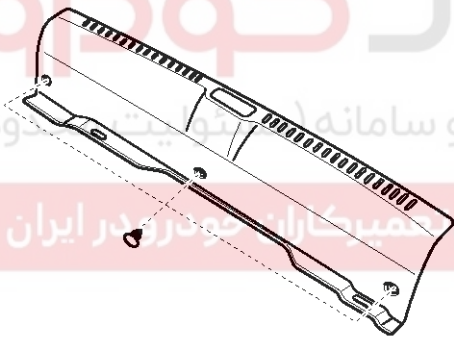
REMOVAL AND INSTALLATION

1. Remove rear combination lamp.
2. Remove rear transverse trim.
 - 1) Remove fasteners(3).

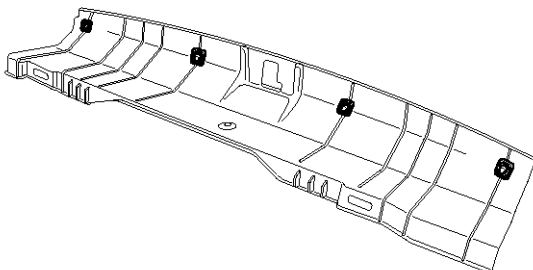


ASGE016B

- 2) Remove rear transverse trim.

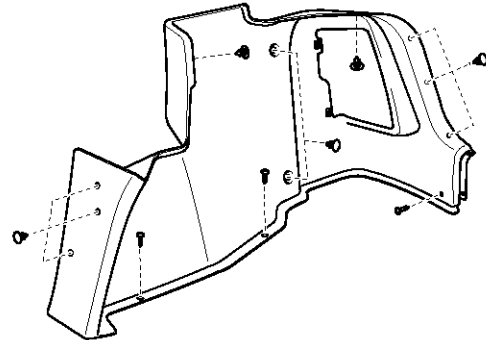


ASGE015B



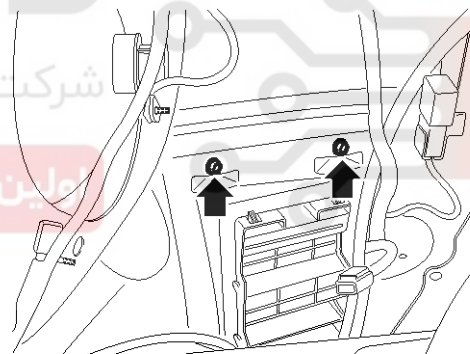
ASGE015C

3. Remove luggage side trim.



ASGE015D

- 1) Remove trunk lid weatherstrip.
- 2) Remove screws(3) and fasteners(9).
- 3) Remove luggage side trim from trunk.
4. Remove rear bumper assembly.
 - 1) Remove bolts(4) from left/right side of trunk room.

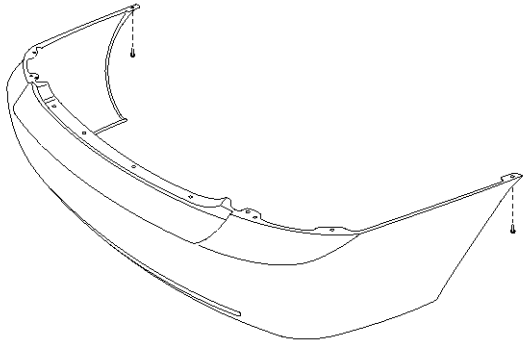


ASGE024B

Bumper

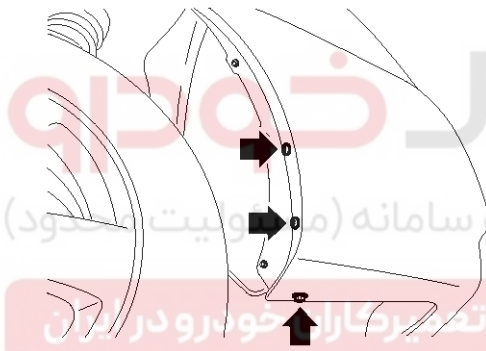
BD-95

- 2) Remove screws(2) from left/right side of bumper.



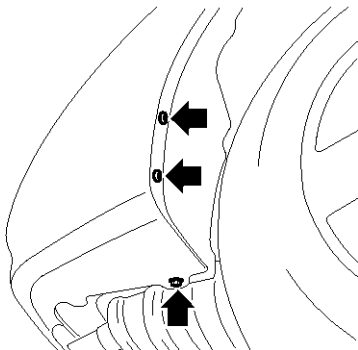
ASGE024G

- 3) Remove screws(2) and bolt from left side of bumper.



ASGE024C

- 4) Remove screws(2) and bolt from right side of bumper.



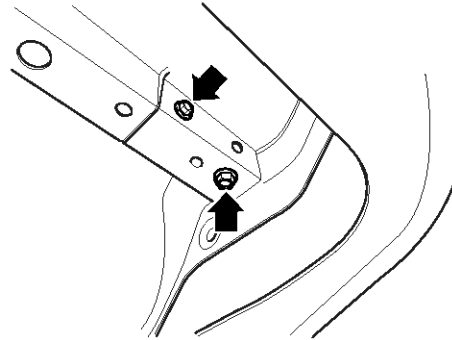
ASGE024D

- 5) Remove fasteners(8) from top of bumper.

- 6) Remove bumper stay mounting bolts(2) from bottom of vehicle(LH).

Tightening torque :

35~55 N·m (3.5~5.5 kg·m, 25~40 lb·ft)

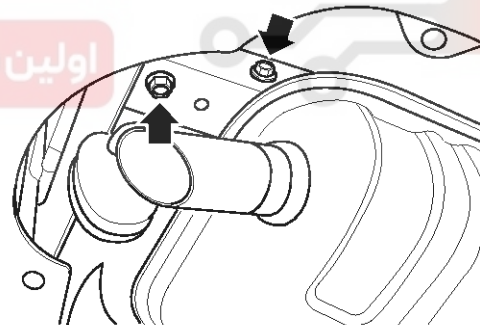


ASGE024E

- 7) Remove bumper stay mounting bolts(2) from bottom of vehicle(RH).

Tightening torque :

35~55 N·m (3.5~5.5 kg·m, 25~40 lb·ft)



ASGE024F

- 8) Remove bumper assembly.

5. Install in reverse order of removal.

BD-96**Body (Interior and Exterior)****Seat & Power Seat****Front Seat****COMPONENTS**

1. Seat frame
2. Seatback frame
3. Seat cushion cover
4. Seatback cover
5. Seat side cover

6. Seat assembly
7. Seatback cover
8. Rear seat cushion
9. Rear seatback

BSGE025A

Seat & Power Seat

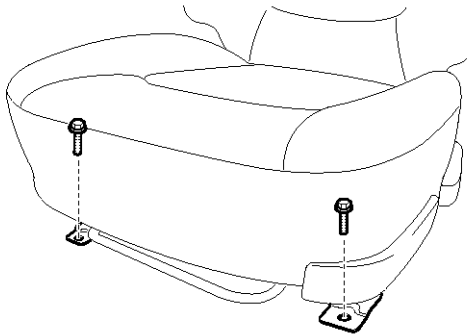
BD-97

REMOVAL AND INSTALLATION

1. Remove seat front mounting bolts(2).

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



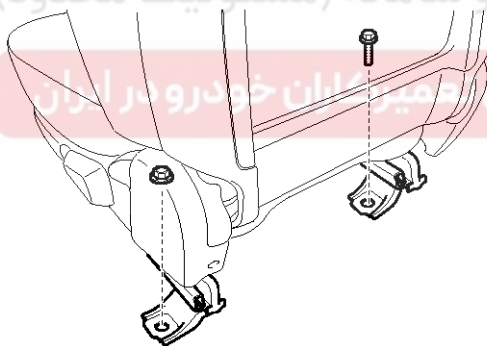
ASGE025B

2. Remove seat mounting bracket covers(2).

3. Remove seat rear mounting bolt and nut.

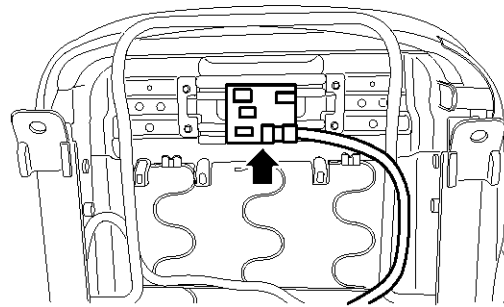
Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



ASGE025C

4. Disconnect connector from bottom of seat.



ASGE025D

5. Remove seat.



ASGE025E

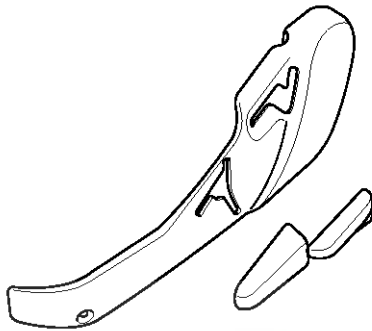
6. Install in reverse order of removal.

BD-98

Body (Interior and Exterior)

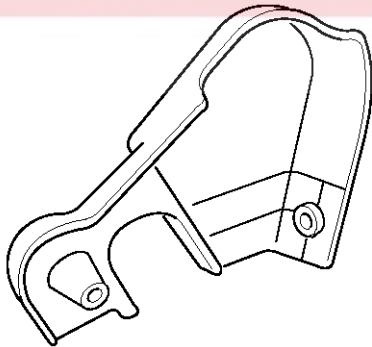
DISASSEMBLY AND REASSEMBLY

1. Remove seat cushion height adjustment handle.
 - 1) Release stopper.
 - 2) Remove handle from seat.
2. Remove reclining knob.
 - 1) Remove screw.
 - 2) Remove knob from seat.
3. Remove outer cover.



ASGE025H

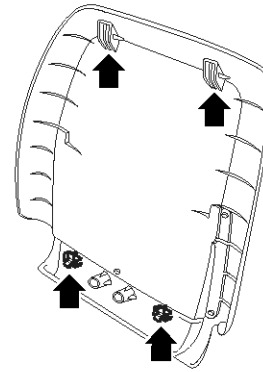
- 1) Remove screws(2).
 - 2) Remove cover from seat.
4. Remove inner cover.



ASGE025J

- 1) Remove screws(2).
- 2) Remove cover from seat.

5. Remove seatback cover.



ASGE025K

Seat & Power Seat

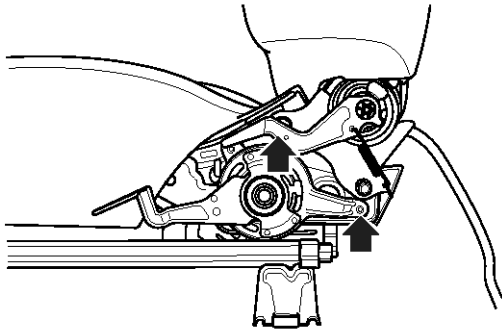
BD-99

6. Remove seatback.

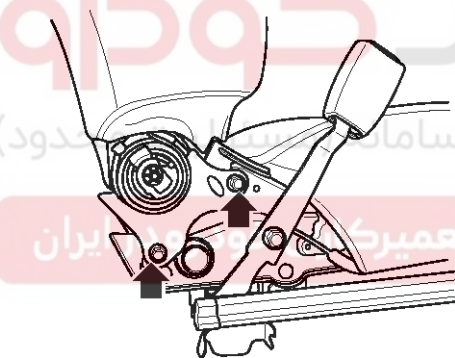
- 1) Remove mounting bolts(4) from left/right side of seatback.

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



ASGE025L

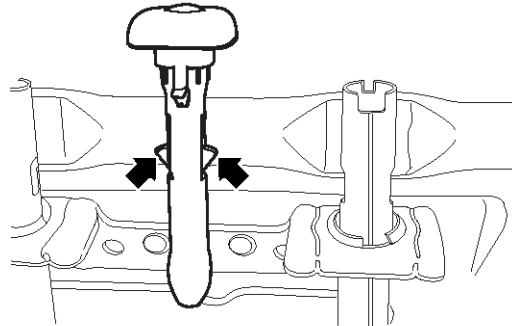


ASGE025M

- 2) Remove electrical connector.
- 3) Remove seatback from seat frame.

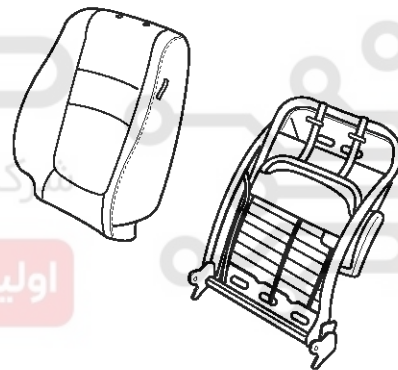
7. Remove seatback cover.

- 1) Remove headrest from seatback.
- 2) Remove headrest guide.



ASGE025P

- 3) Remove seatback cover from seat frame.



ASGE025Q

8. Install in reverse order of removal.

BD-100**Body (Interior and Exterior)****Rear Seat****COMPONENTS**

1. Seat frame
2. Seatback frame
3. Seat cushion cover
4. Seatback cover
5. Seat side cover

6. Seat assembly
7. Seatback cover
8. Rear seat cushion
9. Rear seatback

BSGE025A

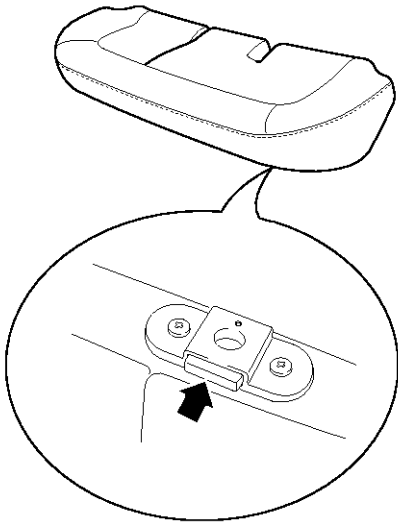
Seat & Power Seat

BD-101

REMOVAL AND INSTALLATION

1. Remove rear seat cushion.

1) Release seat cushion stopper.



ASGE026B

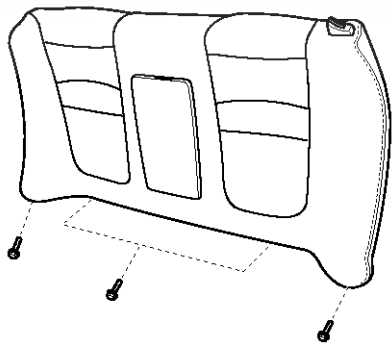
2) Remove seat cushion.

2. Remove rear seatback.

1) Remove bolts(4).

Tightening torque :

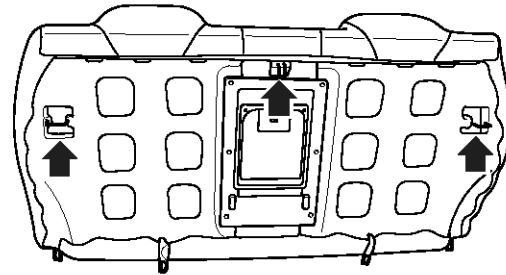
17~26 N.m (1.7~2.6 kg.m, 12~19 lb.ft)



ASGE026C

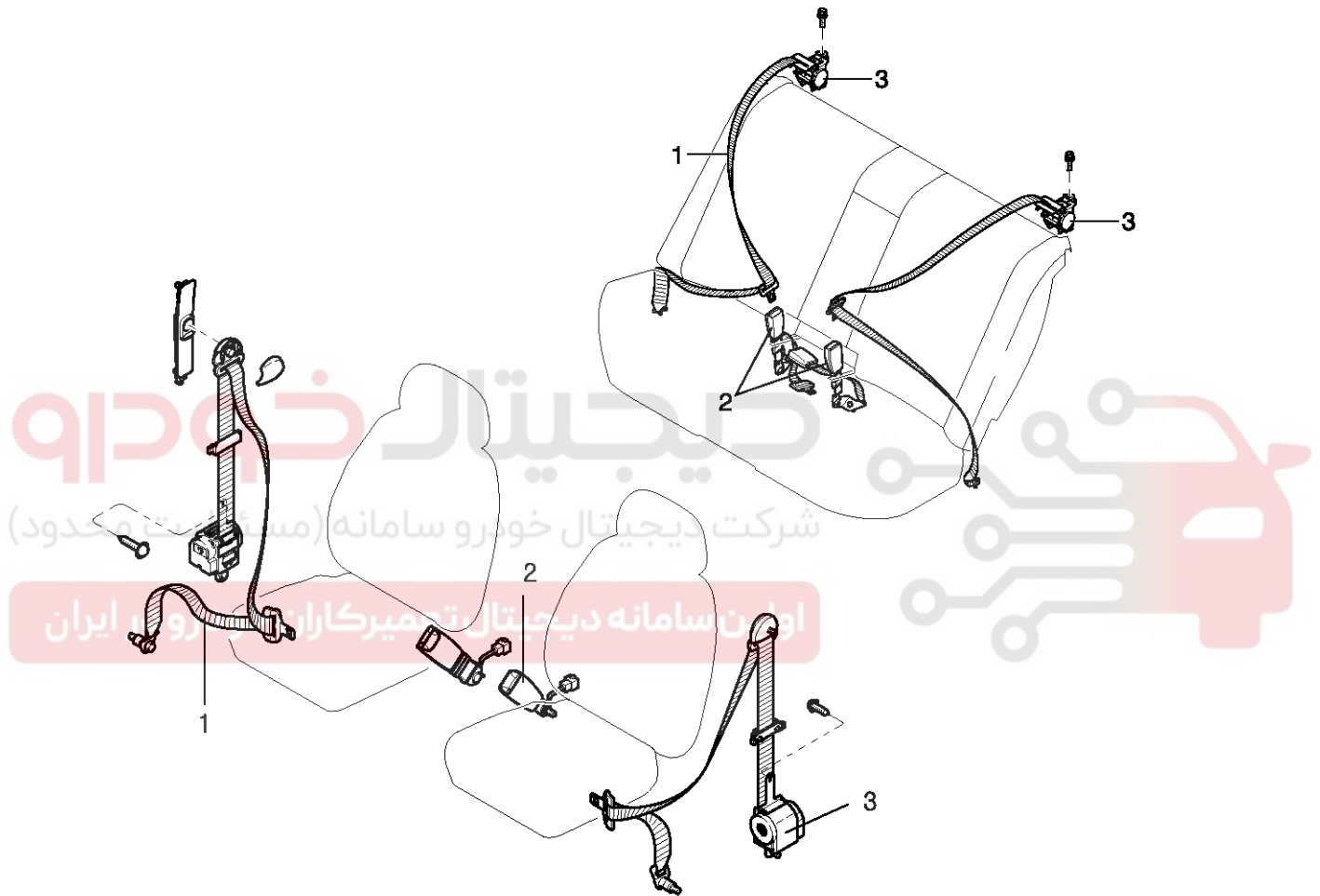
2) Remove seat belt from belt guide.

3) Release seatback stopper, and then remove seatback.



ASGE026D

3. Install in reverse order of removal.

BD-102**Body (Interior and Exterior)****Seat Belt****Front Seat Belt****COMPONENTS**

- 1. Seat belt
- 2. Seat belt buckle

- 3. Seat belt retractor

BSGE027A

Seat Belt

BD-103

INSPECTION

1. Inspect buckle assembly mounting to ensure that it is secure.
2. Inspect anchor assembly mounting to ensure that it is secure.
3. Remove center pillar lower trim.
4. Inspect retractor assembly mounting to ensure that it is secure.
5. Install center pillar lower trim.
6. Extend seat belt fully to ensure its motion is smooth and easy.
7. Retract safety belt fully to ensure its motion is smooth and easy.
8. Buckle safety belt. Pull firmly on each side of buckle to ensure that it is secure.
9. Press buckle release button to ensure that it releases correctly and returns to its original position.
Do not disassemble either buckle or retractor assemblies. They are not repairable.
10. Inspect safety belt reminder system with driver's safety belt retracted.
 - 1) Turn ignition key to "ON" position.
 - 2) Safety belt icon on warning and indicator panel will light up and a chime will be heard. (Lighted icon and chime indicate that driver's safety belt is not buckled. Chime will not be heard after 5~6 seconds.)
 - 3) Turn ignition key to "LOCK" position.
 - 4) Safety belt icon and chime will extinguish.
 - 5) Turn key to "ON" position. Just as before, safety belt icon will light up and chime will be heard.
 - 6) Buckle driver's safety belt. Safety belt icon and chime will extinguish.
 - 7) Turn key to "LOCK" position and remove key.

NOTICE

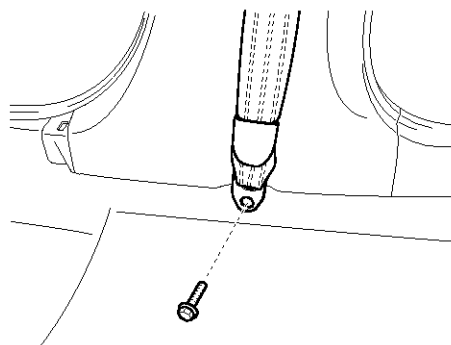
Exercise care to install belt so there are no twists in it. A twisted belt may be harmful to a passenger in a serious accident. A twisted belt alters distribution of force resulting from sudden deceleration.

REMOVAL AND INSTALLATION

1. Remove seat belt lower anchor bolt.

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



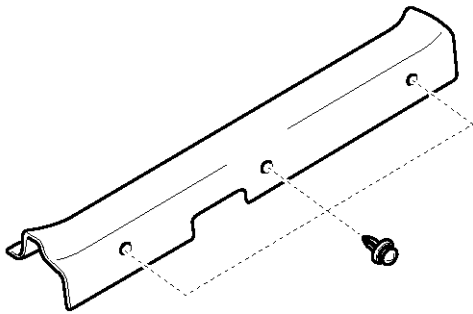
ASGE016N

BD-104

Body (Interior and Exterior)

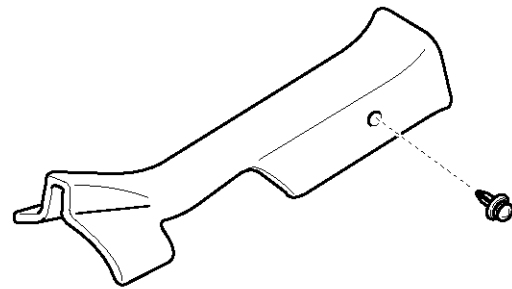
2. Remove center pillar lower trim.

1) Remove front door scuff trim.

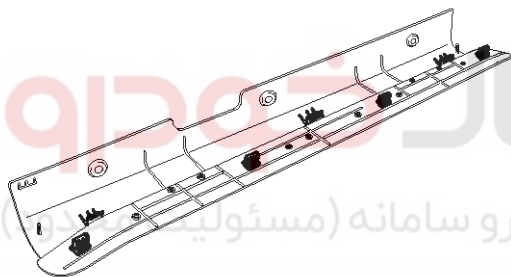


ASGE016E

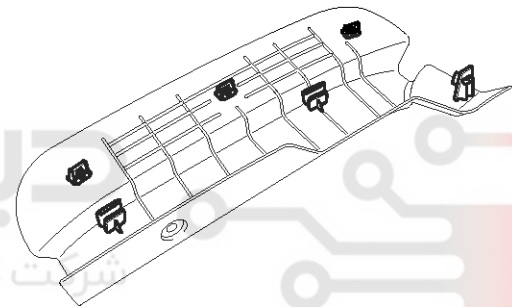
2) Remove rear door scuff trim.



ASGE016J

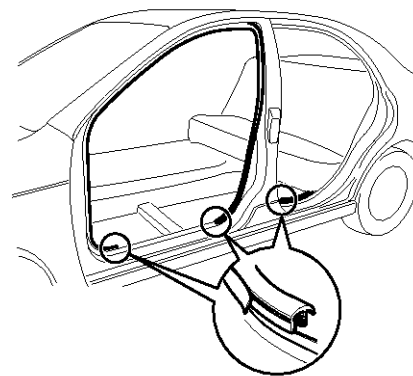


ASGE016F



ASGE016K

3) Remove body side weatherstrip.



ASGE016B

Seat Belt

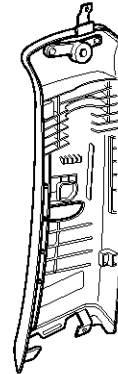
BD-105

- 4) Remove center pillar lower trim.



ASGE016L

- 3) Remove trim from center pillar.



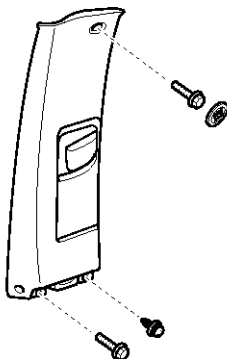
ASGE016Q



ASGE016M

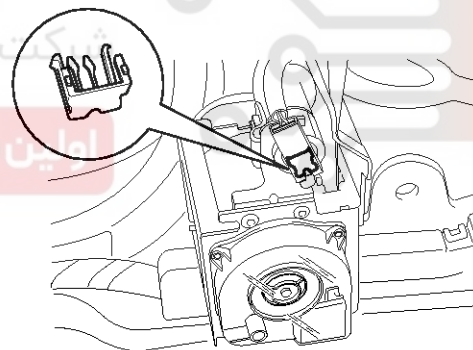
3. Remove center pillar upper trim.

- 1) Remove pillar blanking cover.
- 2) Remove bolts(2) and fastener.



ASGE016P

- 4) Remove seat belt from trim.
4. Removal of pretensioner retractor.
 - 1) Turn ignition switch "OFF".
 - 2) Disconnect negative battery cable.
 - 3) Wait for about 1 minute.
 - 4) Release gas generator connector stopper.

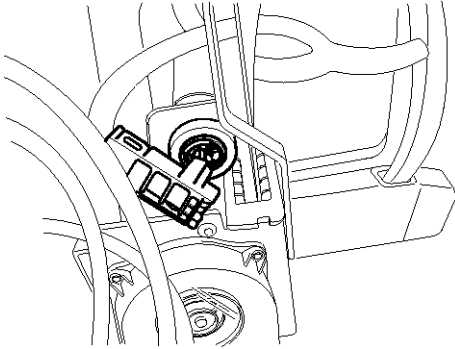


ASGE027B

BD-106

Body (Interior and Exterior)

- 5) Disconnect gas generator connector.

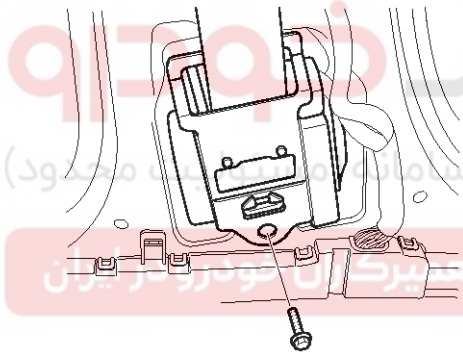


ASGE027C

- 6) Remove pretensioner retractor bolt.

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



ASGE027D

- 7) Remove pretensioner retractor.

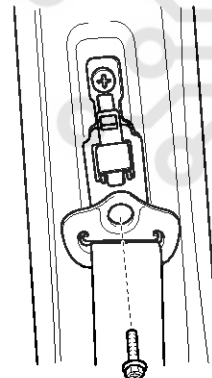
NOTICE

1. A pretensioner functions one time only. Be sure to replace the pretensioner seat belt after it is deployed.
2. Do not attempt to disassemble or repair the seat belt pretensioner.
If it malfunctions, replace it with a new pretensioner seat belt.
3. Connect the battery only after the installation of the pretensioner seat belt has been correctly completed.
4. Removal of pretensioner retractor.
 - a. Turn ignition switch "OFF".
 - b. Disconnect negative battery cable.
 - c. Wait for about 1 minute.
 - d. Disconnect gas generator connector.
 - e. Remove pretensioner retractor bolt.

5. Remove seat belt upper anchor bolt.

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



ASGE027E

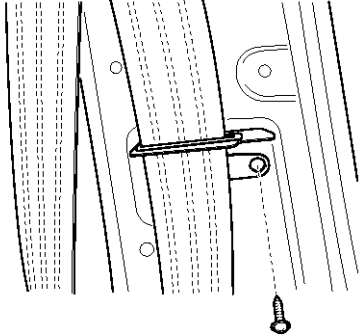
Seat Belt

BD-107

6. Remove seat belt guide screw.

Tightening torque :

40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



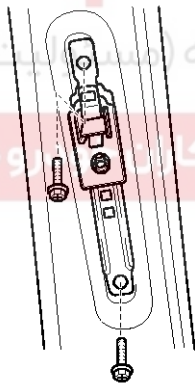
ASGE027F

7. Remove seat belt height adjustor.

1) Remove bolts(2).

Tightening torque :

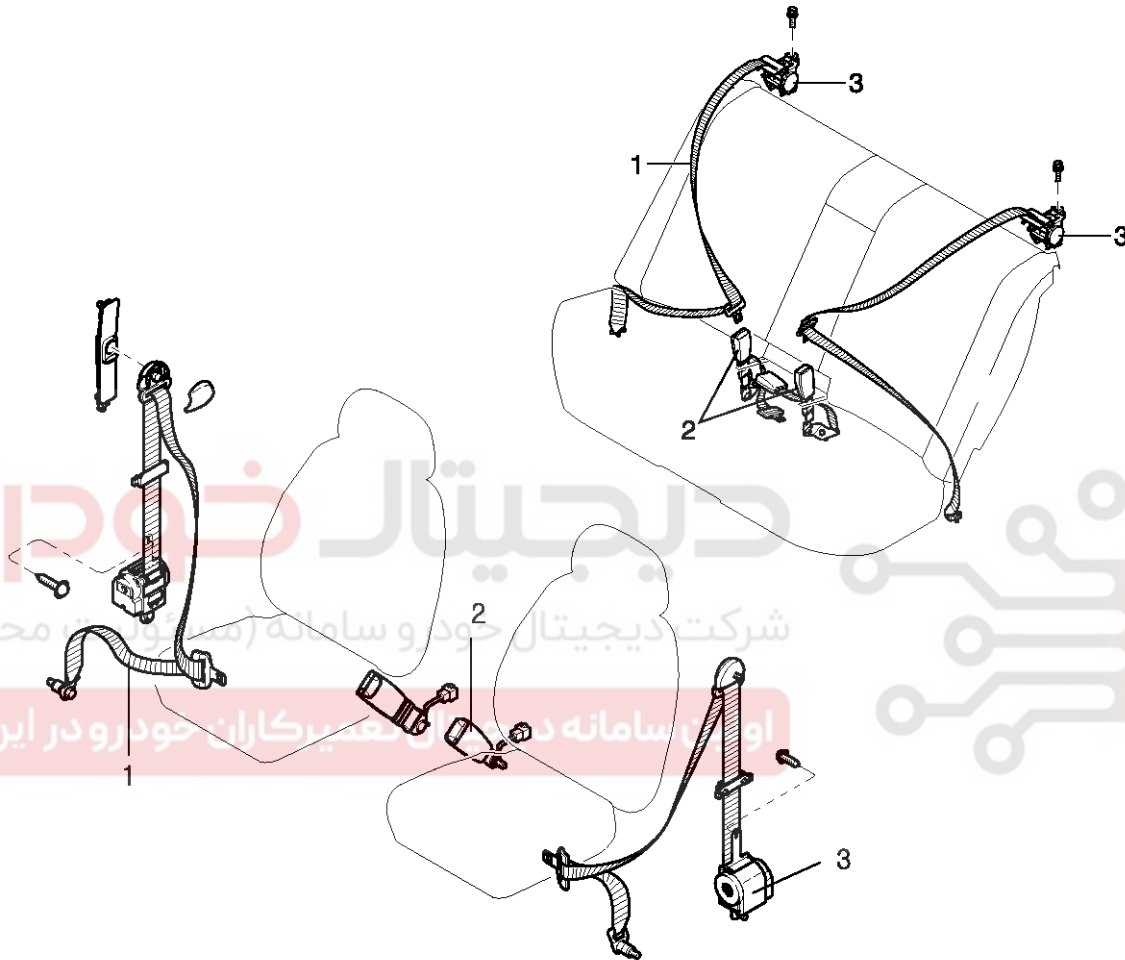
40~55 N·m (4.0~5.5 kg·m, 29~40 lb·ft)



ASGE027G

2) Remove height adjustor from center pillar.

8. Install in reverse order of removal.

BD-108**Body (Interior and Exterior)****Rear Seat Belt****COMPONENTS**

- 1. Seat belt
- 2. Seat belt buckle

- 3. Seat belt retractor

BSGE027A

Seat Belt

BD-109

INSPECTION

1. Remove seat cushion.
2. Inspect buckle assembly mounting to ensure that it is secure.
3. Inspect anchor assembly mounting to ensure that it is secure.
4. Remove rear pillar trim.
5. Remove package tray.
6. Inspect retractor assembly mounting to ensure that it is secure.
7. Install package tray.
8. Install rear pillar trim.
9. Extend seat belt fully to ensure its motion is smooth and easy.
10. Retract safety belt fully to ensure its motion is smooth and easy.
11. Buckle safety belt. Pull firmly on each side of buckle to ensure that it is secure.
12. Press buckle release button to ensure that it releases correctly and returns to its original position.

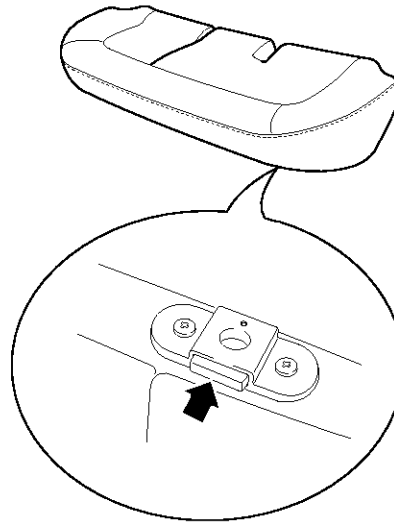
Do not disassemble either buckle or retractor assemblies. They are not repairable.

NOTICE

Exercise care to install belt so there are no twists in it. A twisted belt may be harmful to a passenger in a serious accident. A twisted belt alters distribution of force resulting from sudden deceleration.

REMOVAL AND INSTALLATION

1. Remove rear seat cushion.
 - 1) Release seat cushion stopper.

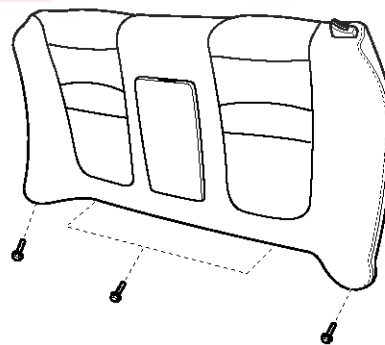


ASGE026B

- 2) Remove seat cushion.
2. Remove rear seatback.
 - 1) Remove seat back bolts(4).

Tightening torque :

17~26 N.m (1.7~2.6 kg.m, 12~19 lb.ft)

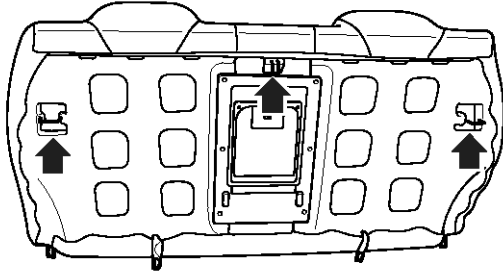


ASGE026C

BD-110

Body (Interior and Exterior)

- 2) Remove seat belt from belt guide.
- 3) Release seatback stopper, and then remove seatback.

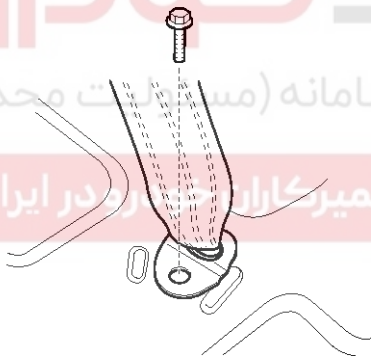


ASGE026D

3. Remove seat belt lower anchor bolt.

Tightening torque :

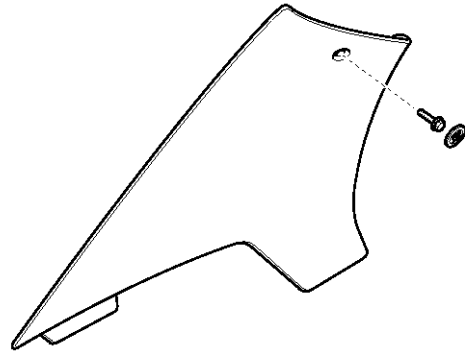
40~55 N.m (4.0~5.5 kg.m, 29~40 lb.ft)



ASGE028B

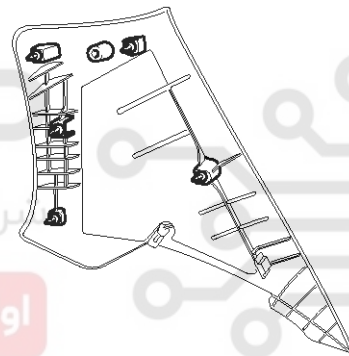
4. Remove rear pillar trim.

- 1) Remove rear pillar blanking cover and bolt.



ASGE016R

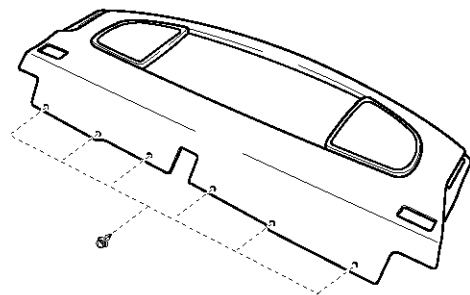
- 2) Remove trim from rear pillar.



ASGE016S

5. Remove rear package tray trim.

- 1) Remove fasteners(6).

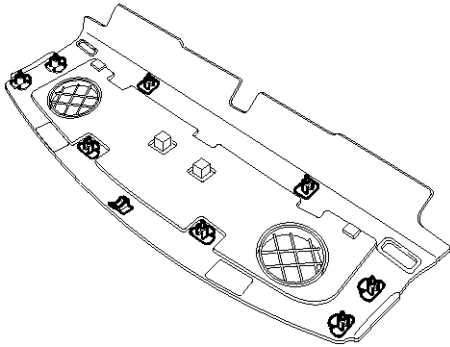


ASGE014B

Seat Belt

BD-111

- 2) Remove trim from rear package tray.

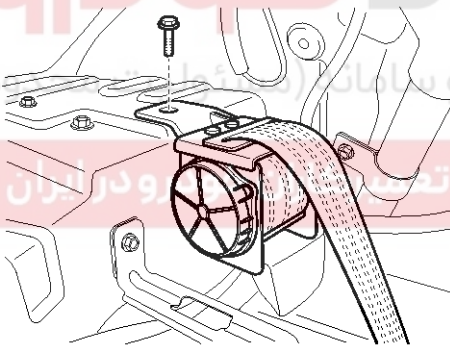


ASGE014C

- 3) Remove seat belt guide and seat belt from trim.
6. Remove rear seat belt retractor.
- 1) Remove bolt.

Tightening torque :

40~55 N.m (4.0~5.5 kg.m, 29~40 lb.ft)



ASGE028C

- 2) Remove seat belt retractor from package tray.
7. Install in reverse order of removal.