

## VELOSTER(FS) > 2012 > G 1.6 GDI > Body (Interior and Exterior)

### Body (Interior and Exterior) > General Information > Specifications

#### Specifications

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

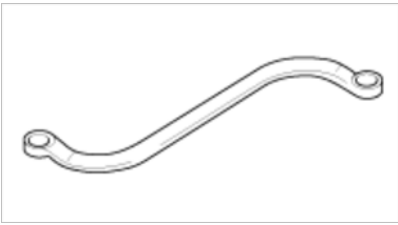
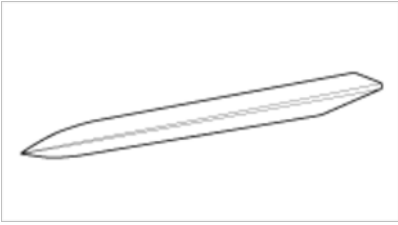

#### Tightening Torque

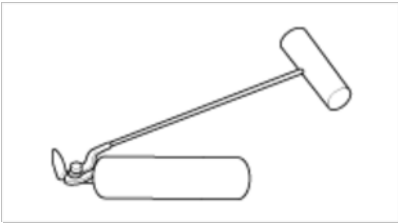
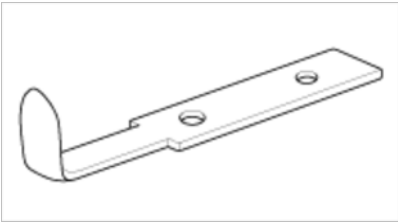
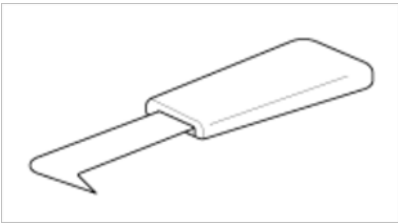
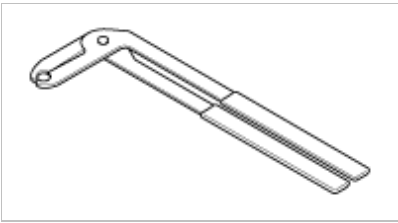

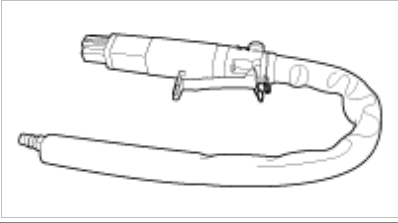
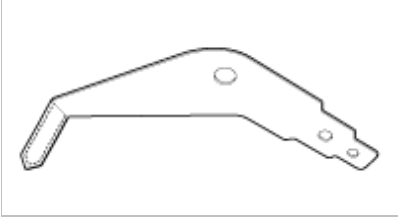
Items		N.m	kgf.m	lb-ft
Front and rear doors	Door hinge to body	34.3 ~ 41.2	3.5 ~ 4.2	25.3 ~ 30.4
	Door hinge to door	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Door checker to door	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Door checker to body	16.7 ~ 21.6	1.7 ~ 2.2	12.3 ~ 15.9
	Door trim mounting bolts	7.8 ~ 11.8	0.8 ~ 1.2	5.8 ~ 8.7
	Door glass mounting bolt	7.8 ~ 11.8	0.8 ~ 1.2	5.8 ~ 8.7
	Outside handle base mounting bolt	7.8 ~ 10.8	0.8 ~ 1.1	5.8 ~ 8.0
	Door outside handle mounting bolts	7.8 ~ 11.8	0.8 ~ 1.2	5.8 ~ 8.7
	Door channel mounting nuts	3.9 ~ 5.9	0.4 ~ 0.6	2.9 ~ 4.3
	Latch mounting bolts	7.8 ~ 10.8	0.8 ~ 1.1	5.8 ~ 8.0
	Door regulator mounting bolts	3.9 ~ 5.9	0.4 ~ 0.6	2.9 ~ 4.3
	Door striker mounting bolts	16.7 ~ 21.6	1.7 ~ 2.2	12.3 ~ 15.9
Tail gate	Tail gate hinge to tail gate	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Tail gate hinge to body	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Tail gate latch mounting bolts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Tail gate striker mounting bolts	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
Hood	Hood hinge to body	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Hood hinge to hood	21.6 ~ 26.5	2.2 ~ 2.7	15.9 ~ 19.5
	Hood latch to body mounting bolts	7.8 ~ 11.8	0.8 ~ 1.2	5.8 ~ 8.7

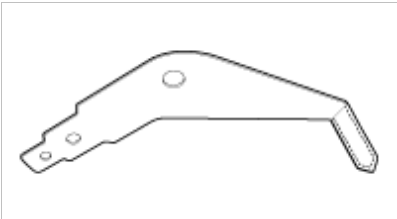
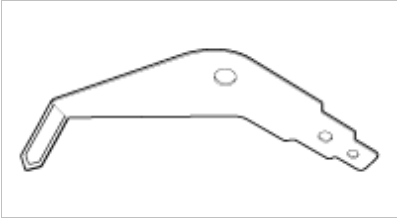
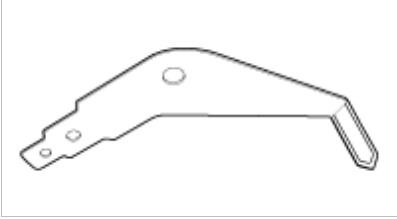
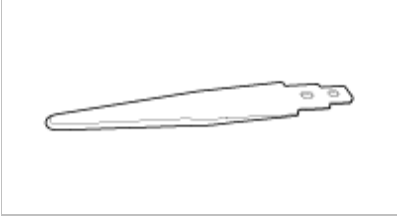
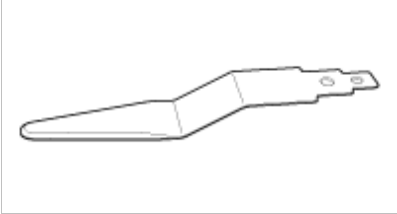
Seat	Front seat mounting bolts	34.3 ~ 53.9	3.5 ~ 5.5	25.3~ 39.8
	Front seat frame mounting bolts	49.0 ~ 63.7	5.0 ~ 6.5	36.2~ 47.0
	Rear seat mounting bolts	16.7 ~ 25.5	1.7 ~ 2.6	12.3 ~ 18.8
	Rear seat latch mounting bolts	19.6 ~ 29.4	2.0 ~ 3.0	14.5 ~ 21.7
Seat belt	Height adjuster mounting bolts	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Front seat belt upper anchor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Anchor pretensioner mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Front seat belt retractor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Rear seat belt lower anchor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Rear seat belt retractor mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
	Seat belt buckle mounting bolt	39.2 ~ 53.9	4.0 ~ 5.5	28.9 ~ 39.8
Outside rearview mirror	Outside rearview mirror mounting bolts	3.9 ~ 5.9	0.4 ~ 0.6	2.9 ~ 4.3
Wiper arm	Wiper arm mounting nuts	22.6 ~ 26.5	2.3 ~ 2.7	16.6 ~ 19.5
Hood garnish	Hood garnish mounting nuts	3.9 ~ 4.4	0.4 ~ 0.45	2.9 ~ 3.3
A Pillar garnish	A Pillar garnish mounting screw	0.5 ~ 1.0	0.05 ~ 0.1	0.4 ~ 0.7
Rear spoiler	Rear spoiler mounting nuts	5.9 ~ 6.4	0.6 ~ 0.65	4.3 ~ 4.7
Quarter fixed glass	Quarter fixed glass mounting nuts	3.9 ~ 4.4	0.4 ~ 0.45	2.9 ~ 3.3
Panoramaroof	Panoramaroof mounting nuts	6.9 ~ 10.8	0.7 ~ 1.1	5.1 ~ 8.0
	Panoramaroof mounting bolts	10.8 ~ 13.7	1.1 ~ 1.4	8.0 ~ 10.1

## Body (Interior and Exterior) > General Information > Special Service Tools

### 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		Headliner clip removal

09861-31100 Sealant cut-out tool		Cutting windshield sealant (Use with 09861-31200)
09861-31200 Sealant cutting blade		Cutting windshield sealant (Use with 09861-31100)
09861-31000 Windshield molding remover		Windshield molding removal
09880-4F000 Hog ring clip installer		Hog ring clip Installation
09816-2P100 Power silent cutting tool		Tool box for removing panoramaroof
09816-2P110 Air power tool		Air tool for installing blade
09816-2P121 Cutter-1		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progress upward.)

09816-2P122 Cutter-2		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progress upward.)
09816-2P123 Cutter-3		Blade for removing the front and side area of panoramaroof (This blade has a inclination to progress downward.)
09816-2P124 Cutter-4		Blade for removing the front and side area of panoramaroof (This blade has a inclination to push downward.)
09816-2P127 Cutter-7		Blade for removing the rear area of panoramaroof
09816-2P130 Cutter-10		Blade for removing the edge area of panoramaroof

## Body (Interior and Exterior) > General Information > Troubleshooting

### Troubleshooting

Symptom	Suspect Area	Remedy
Water leaks from panoramaroof	Deteriorated roof lid weatherstrip	Replace
	Excessive roof lid-to-body clearance and Improperly fitted weatherstrip	Adjust
Wind noise around panoramaroof	Loose or deformed deflector, gapsIn body work	Retighten adjust or replace
Noise heard when opening/closing panoramaroof	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	Foreign particles lodged in guide rail	Adjust or replace
	Incorrect engagement of motor pinion with drive cable	

partially	Decrease in motor's clutch slipping force	
	Increased sunroof sliding resistance or interference of sunroof with drive cables, weatherstrip, etc. due to maladjustment of sunroof	
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 leak through windshield and rear window	Defective seal	Fill with sealant
	Defective flange	Correct

## Body (Interior and Exterior) > Body Dimensions > General Information

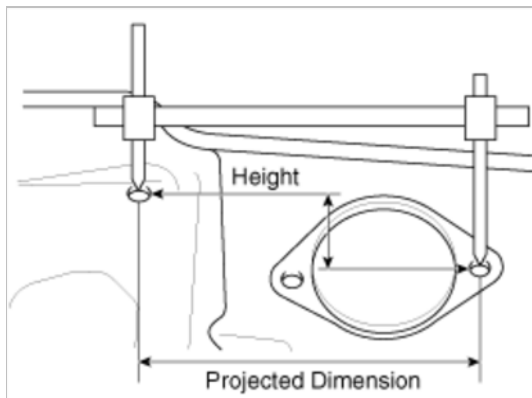
### General

1. Basically, all measurements in this manual are taken with a tracking gauge.
2. When a measuring tape is used, check to be sure there is no elongation, twisting or bending.
3. For measuring dimensions, both projected dimension and actual-measurement dimension are used in this manual.

### Measurement Method

#### Projected Dimensions

1. These are the dimensions measured when the measurement points are projected into the reference plane, and are the reference dimensions used for body alterations.
2. If the length of the tracking gauge probes is adjustable, make the measurement by lengthening one probe by the amount equivalent to the difference in height of the two surfaces.

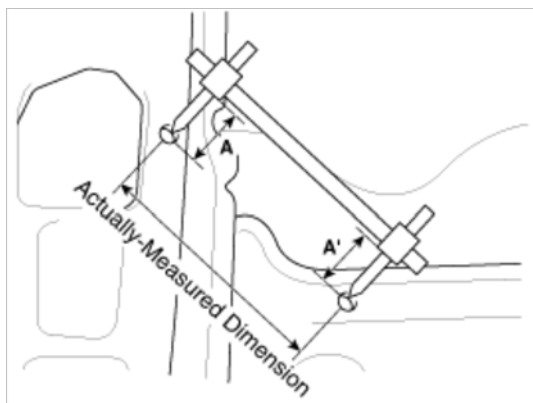


#### Actual-Measurement Dimensions

1. These dimensions indicate the actual linear distance between measurement points, and are the reference dimensions for use if a tracking gauge is used for measurement.
2. Measure by first adjusting both probes to the same length ( $A=A'$ ).

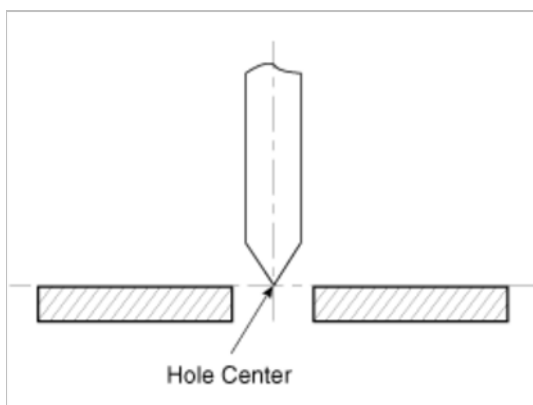
#### NOTE

Check the probes and gauge itself to make sure there is no free play.



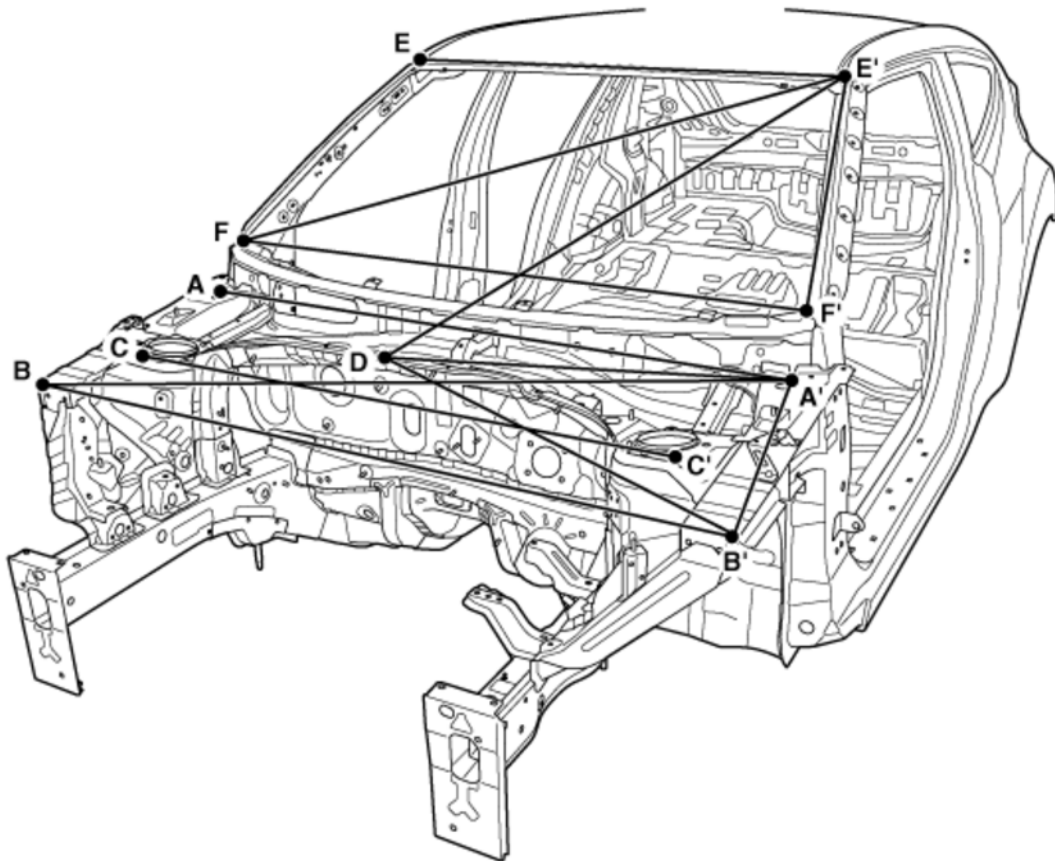
#### Measurement Point

1. Measurements should be taken at the hole center.



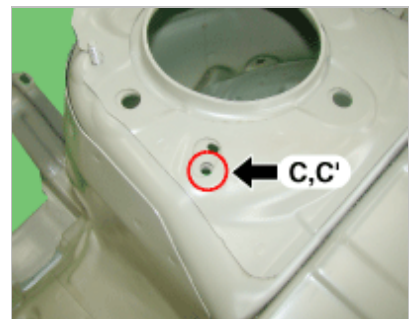
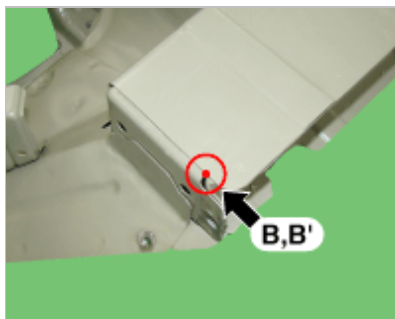
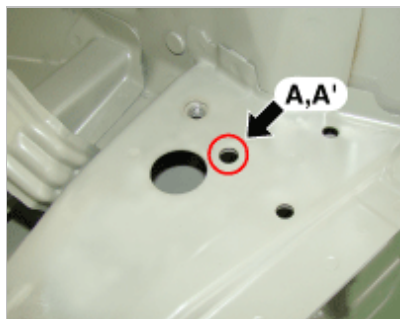
**Body (Interior and Exterior) > Body Dimensions > Front Body > Body Repair**

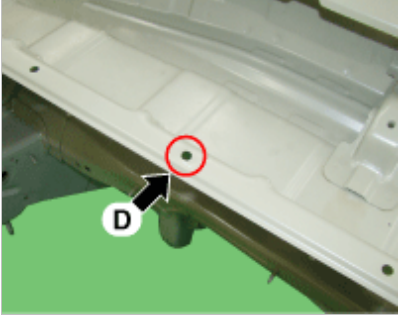

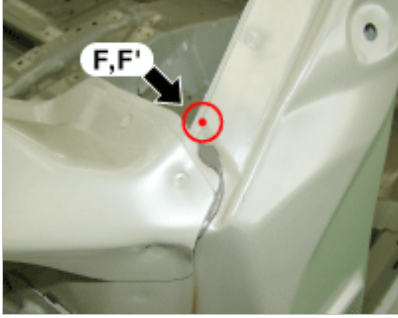
#### Front Body A



\* These dimensions indicated in this figure are actual-measurement dimensions.

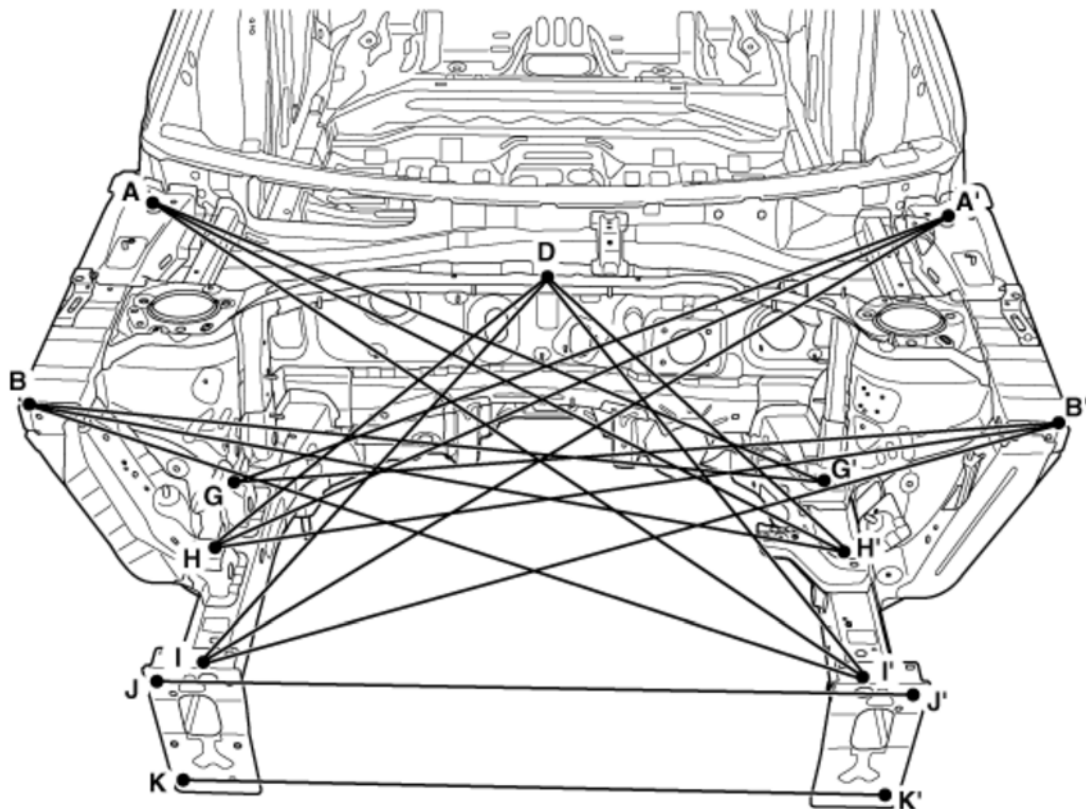
Point symbol	A-A'	A-B/A'-B'	A-B'/A'-B	B-B'	C-C'	D-A/D-A'	D-B/D-B'	D-E/D-E'
Length (mm)	1430	526	1582	1558	1175	785	812	1279
Point symbol	E-E'	E-F/E'-F'	E-F'/E'-F	F-F'				
Length (mm)	1173	740	1486	1415				



Hood hinge mounting hole (Ø10)	Fender apron upper member corner	Front shock absorber housing cover tooling hole (Ø6.6)
		
Cowl top cover mounting hole (Ø7)	Side outer panel front corner	Front pillar outer panel corner

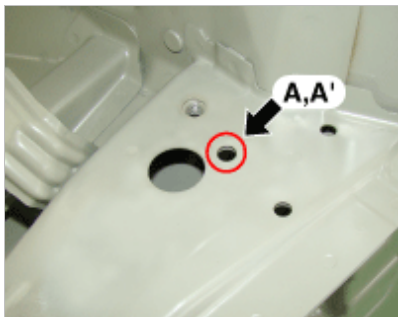
## Front Body B



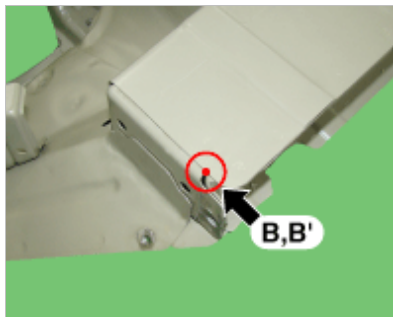


\* These dimensions indicated in this figure are actual-measurement dimensions.

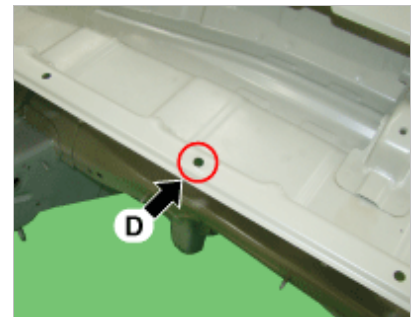
Point symbol	A-G'	A'-G	A-H'	A'-H	A-I'	A'-I	B-G'	B'-G
Length (mm)	1287	1324	1353	1391	1470	1475	1283	1291
Point symbol	B-H'	B'-H	B-I'	B'-I	D-H	D-H'	D-I	D-I'
Length (mm)	1281	1296	1314	1318	663	649	776	771
Point symbol	J-J'	K-K'						
Length (mm)	1070	1070						



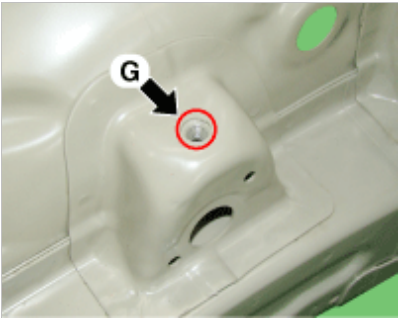
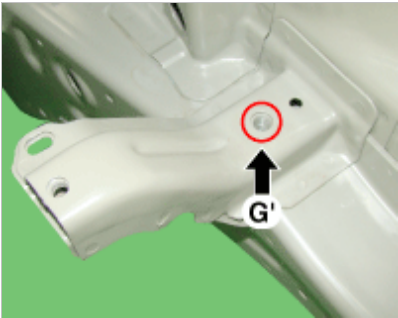
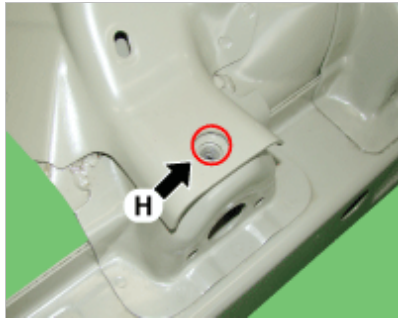
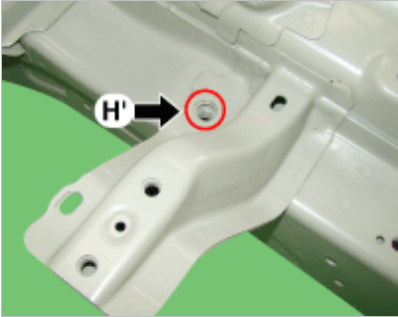
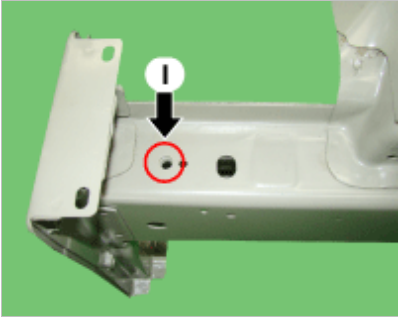
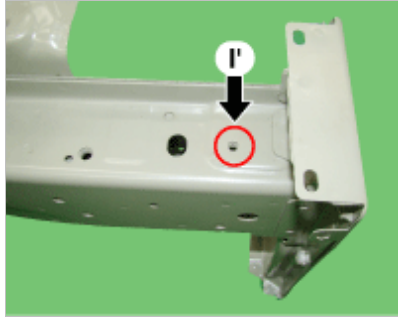
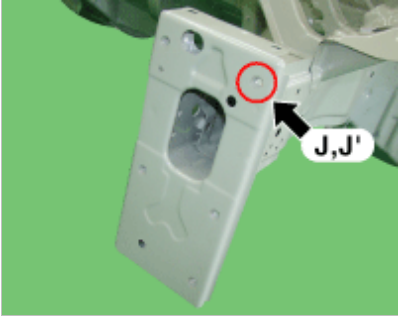
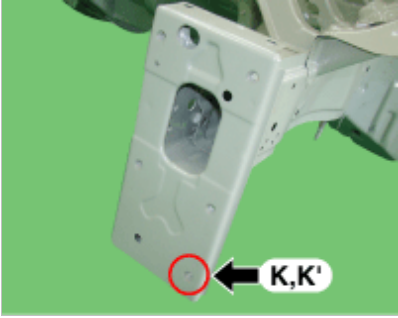
Hood hinge mounting hole (Ø10)



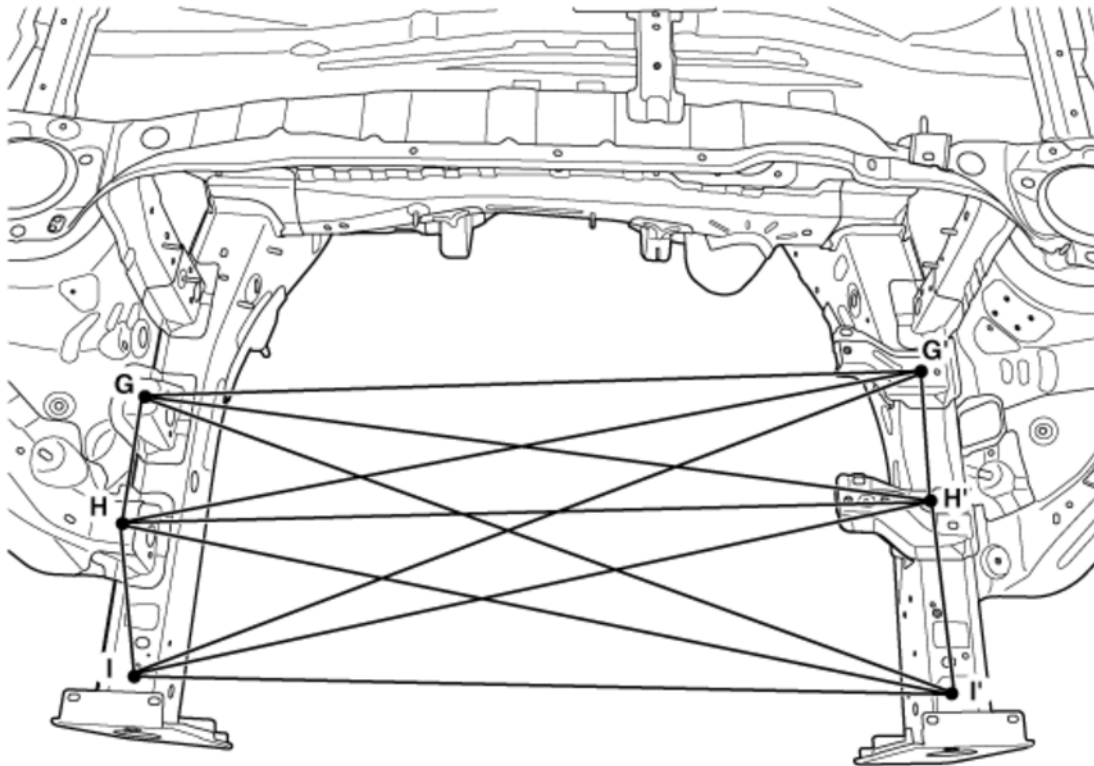
Fender apron upper member corner



Cowl top cover mounting hole (Ø7)

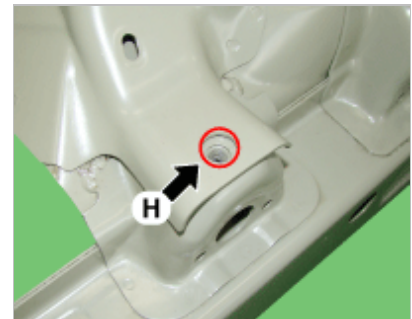
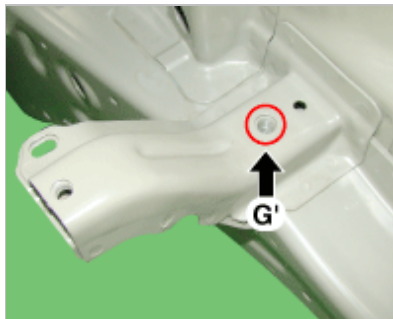
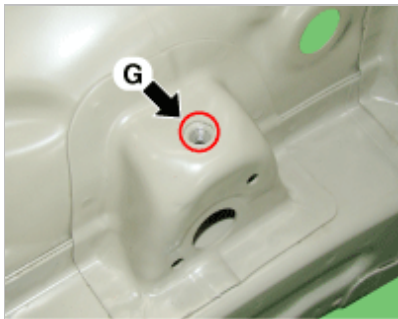
		
<p>Engine mounting bracket hole (Ø12)</p>	<p>Transaxle mounting hole (Ø12)</p>	<p>Engine mounting bracket hole (Ø15)</p>
		
<p>Transaxle mounting hole (Ø15.5)</p>	<p>Front side member tooling hole (Ø9)</p>	<p>Front side member tooling hole (Ø6.6)</p>
		
<p>Front end module mounting hole (Ø11.5)</p>	<p>Front end module mounting hole (Ø11.5)</p>	

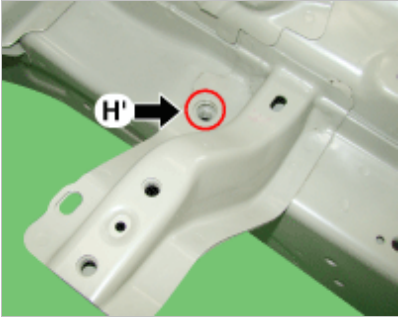
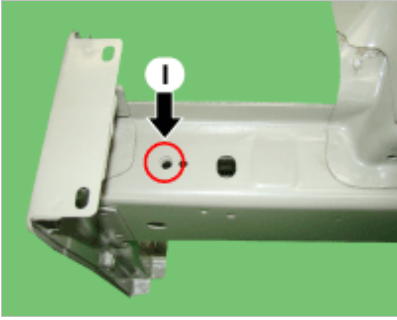
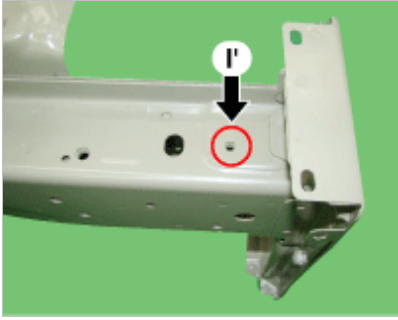
## Front Body C



\* These dimensions indicated in this figure are actual-measurement dimensions.

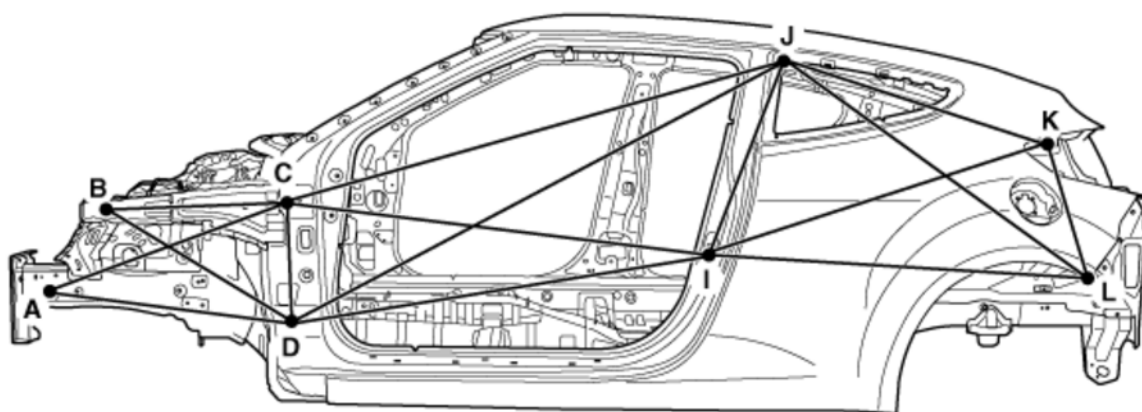
Point symbol	G-G'	G-H	G'-H'	G-H'	G'-H	G-I'	G'-I	H-H'
Length (mm)	978	162	173	980	1004	1033	1042	978
Point symbol	H-I	H'-I'	H-I'	H'-I	I-I'			
Length (mm)	180	237	993	987	962			



Engine mounting bracket hole (Ø12)	Transaxle mounting hole (Ø12)	Engine mounting bracket hole (Ø15)
		
Transaxle mounting hole (Ø15.5)	Front side member tooling hole (Ø9)	Front side member tooling hole (Ø6.6)

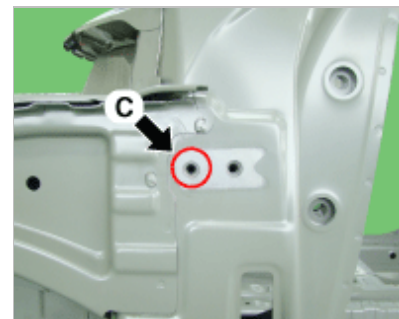
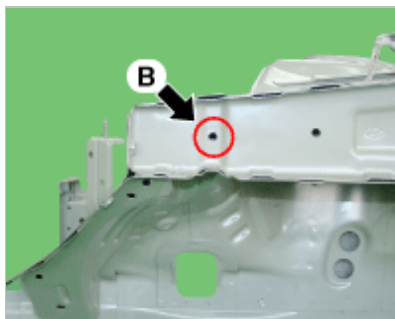
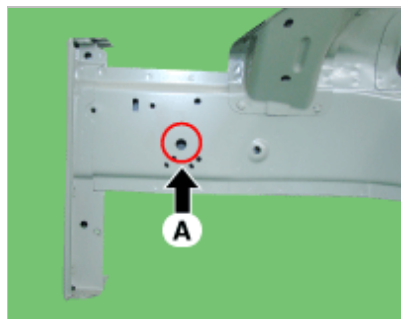
**Body (Interior and Exterior) > Body Dimensions > Side Body > Body Repair**

**Side Body A (LH)**

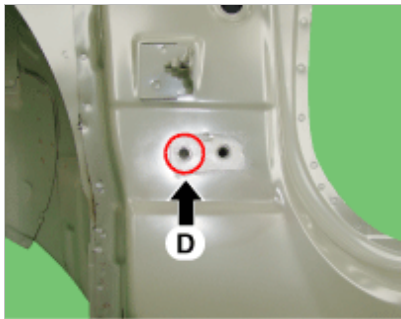
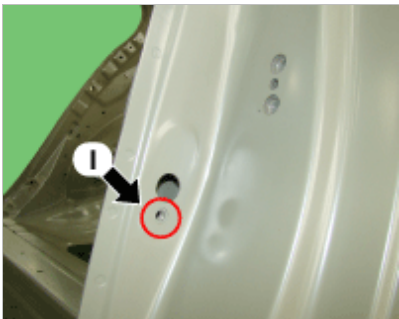
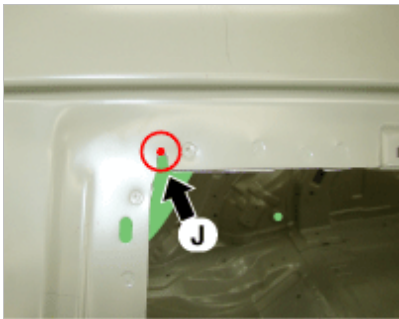
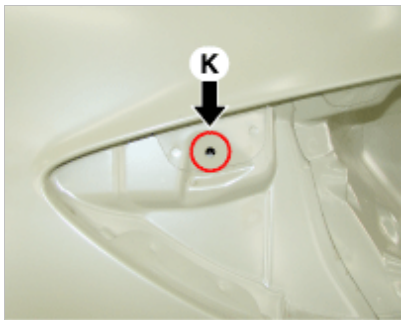
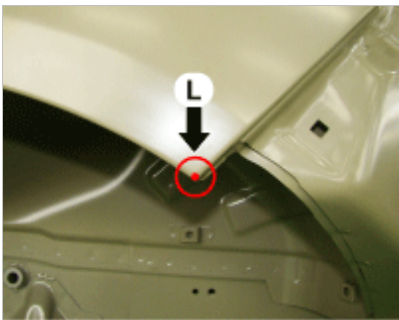


\* These dimensions indicated in this figure are actual-measurement dimensions.

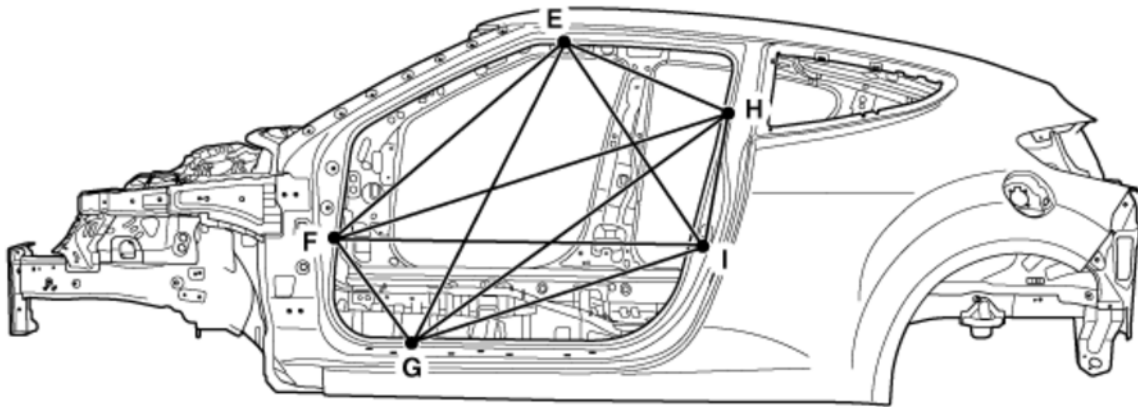
Point symbol	A-C	A-D	B-C	B-D	C-D	C-J	C-I	D-J
Length (mm)	934	902	552	654	350	1570	1269	1691
Point symbol	D-I	J-I	J-K	J-L	I-K	I-L	K-L	
Length (mm)	1263	646	871	1134	1123	1146	442	





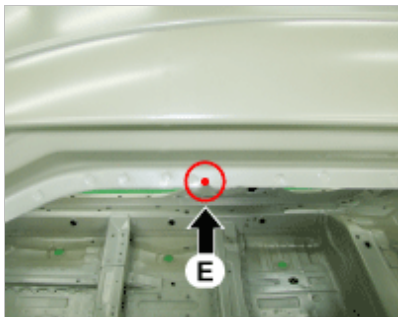
Front side member tooling hole (Ø12)	Fender apron upper member tooling hole (Ø7)	Front door upper hinge mounting hole (Ø13)
		
Front door lower hinge mounting hole (Ø13)	Front door switch mounting hole (Ø10)	Quarter fixed glass mounting notch
		
Rear combination lamp mounting hole (Ø6)	Quarter outer panel corner	

## Side Body B (LH)

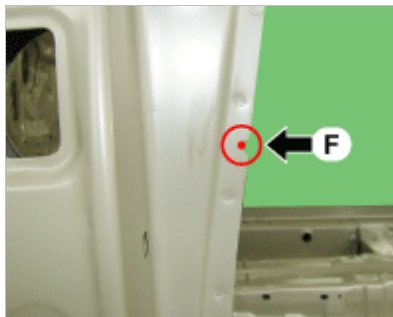


\* These dimensions indicated in this figure are actual-measurement dimensions.

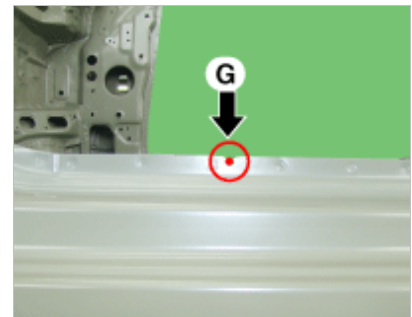
Point symbol	E-F	E-G	E-H	E-I	F-G	F-H	F-I	G-H
Length (mm)	924	1027	544	759	380	1238	1112	1173
Point symbol	G-I	H-I						
Length (mm)	931	402						



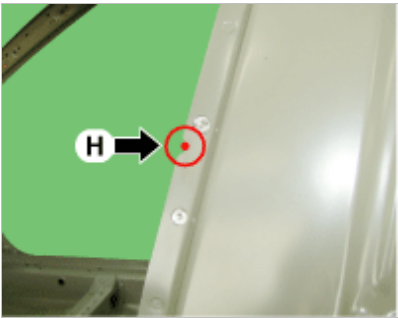
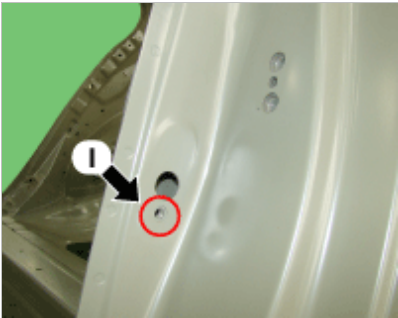
Side outer panel notch



Side outer panel notch

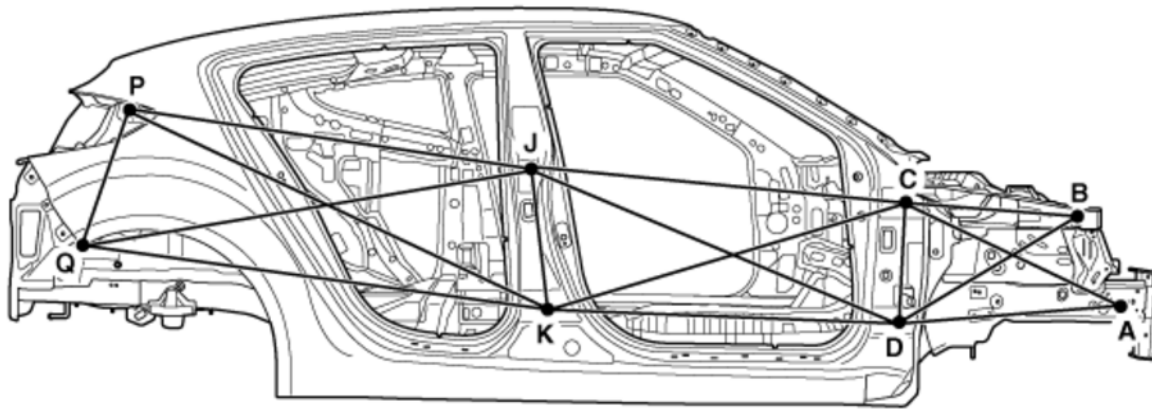


Side outer panel notch

		
Side outer panel notch	Front door switch mounting hole (Ø10)	

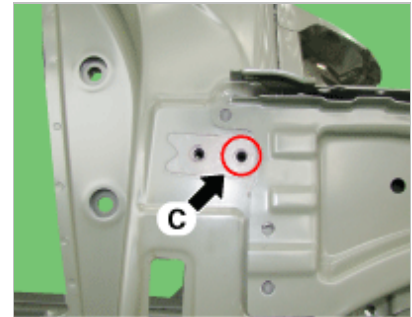
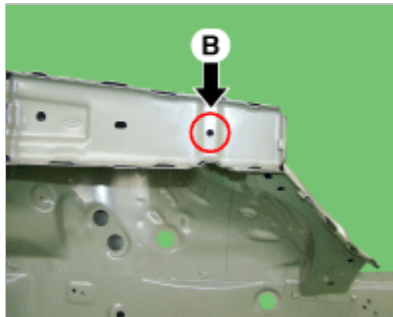
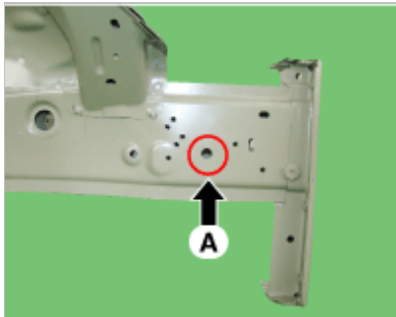
## Side Body C (RH)

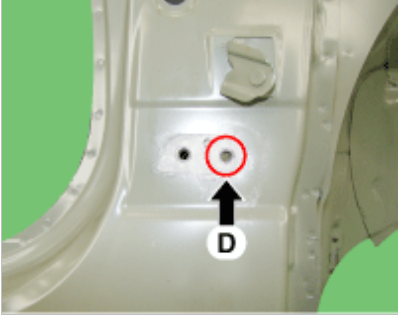
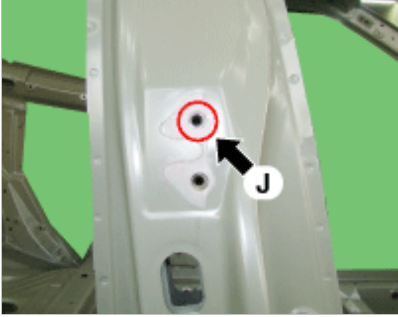
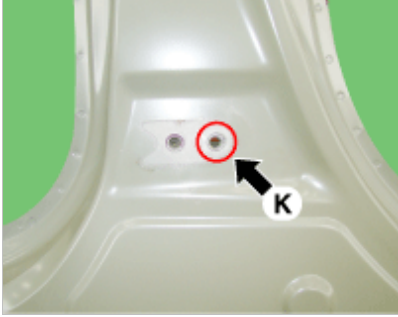
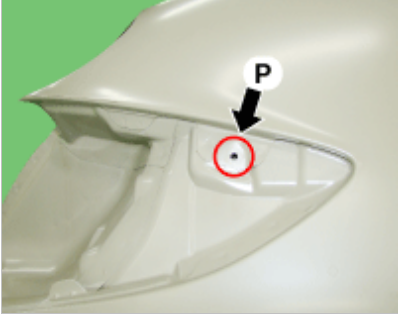





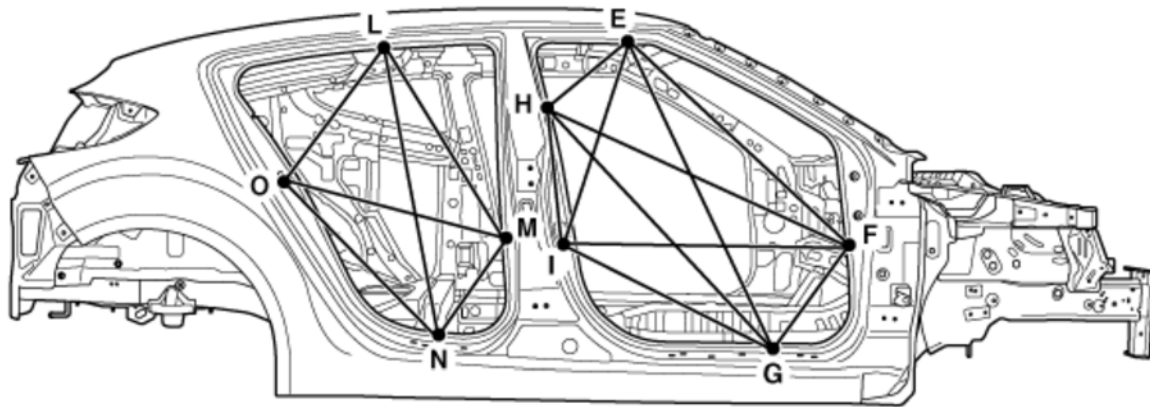
\* These dimensions indicated in this figure are actual-measurement dimensions.

Point symbol	A-C	A-D	B-C	B-D	C-D	C-J	C-K	D-J
Length (mm)	934	902	552	654	350	1125	1115	1182
Point symbol	D-K	J-K	J-P	J-Q	K-P	K-Q	P-Q	
Length (mm)	1048	404	1217	1303	1378	1341	442	



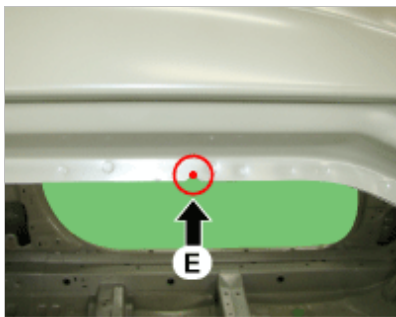
Front side member tooling hole (Ø12)	Fender apron upper member tooling hole (Ø7)	Front door upper hinge mounting hole (Ø13)
		
Front door lower hinge mounting hole (Ø13)	Rear door upper hinge mounting hole (Ø13)	Rear door lower hinge mounting hole (Ø13)
		
Rear combination lamp mounting hole (Ø6)	Quarter outer panel corner	

## Side Body D (RH)

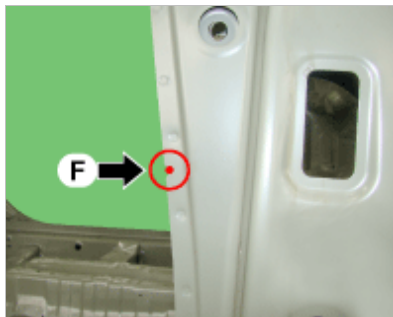


\* These dimensions indicated in this figure are actual-measurement dimensions.

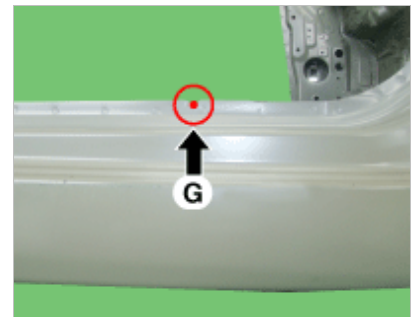
Point symbol	E-F	E-G	E-H	E-I	F-G	F-H	F-I	G-H
Length (mm)	924	1027	339	662	380	1007	868	985
Point symbol	G-I	H-I	L-M	L-N	L-O	M-N	M-O	N-O
Length (mm)	701	412	700	889	505	342	681	651



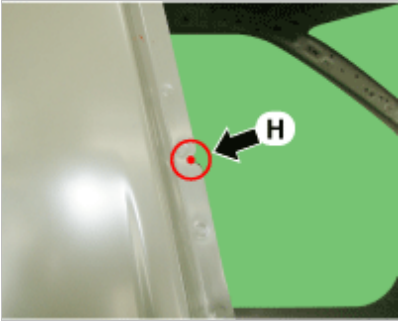
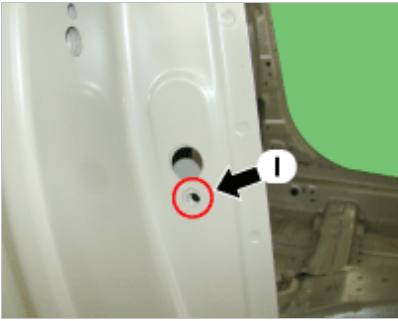
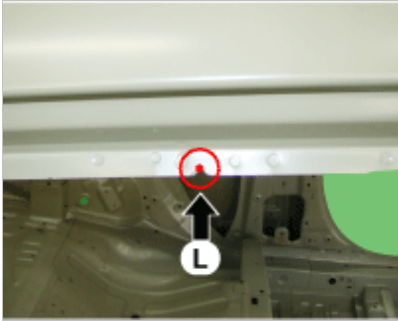
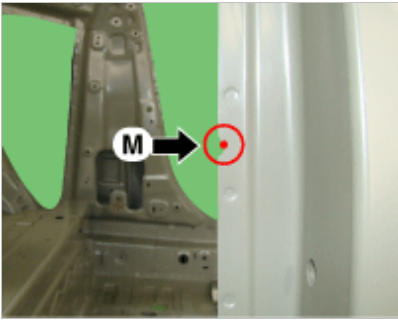
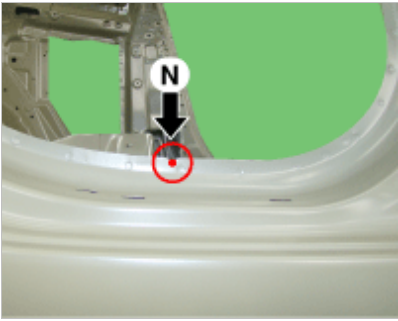
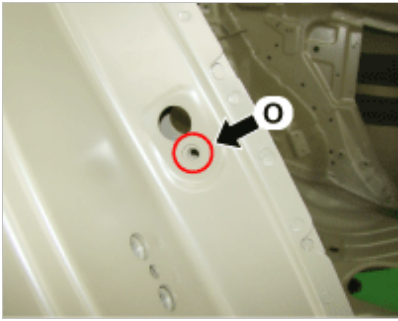
Side outer panel notch



Side outer panel notch

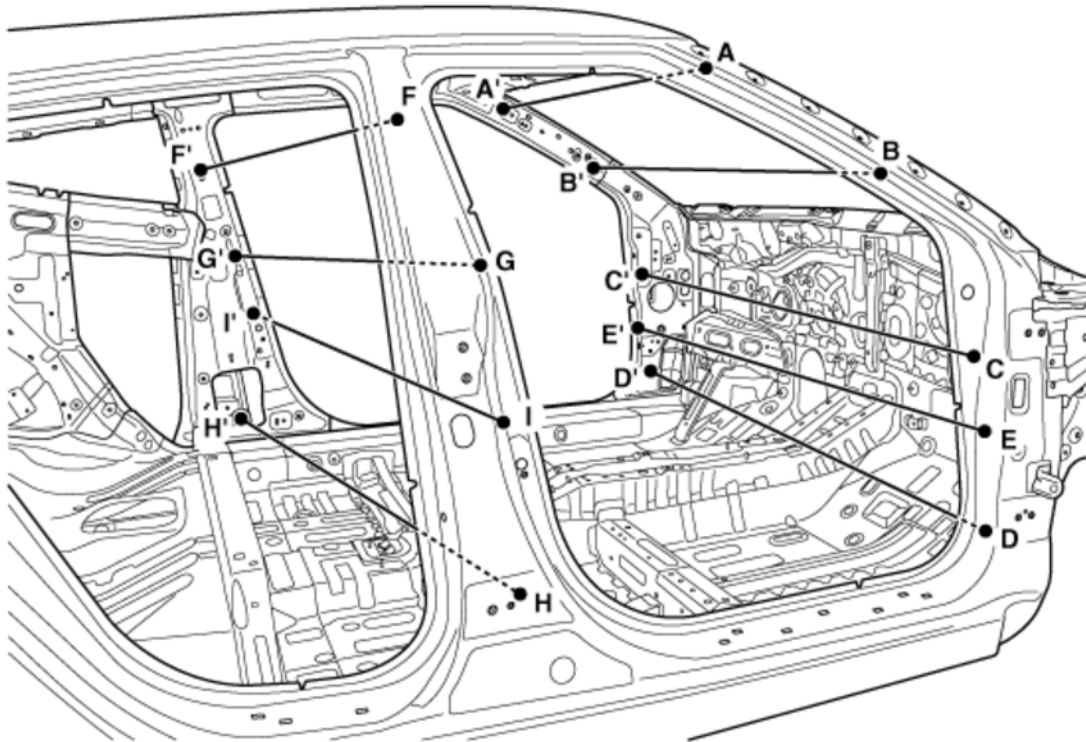


Side outer panel notch

		
Side outer panel notch	Front door switch mounting hole (Ø10)	Side outer panel notch
		
Side outer panel notch	Side outer panel notch	Rear door switch mounting hole (Ø10)

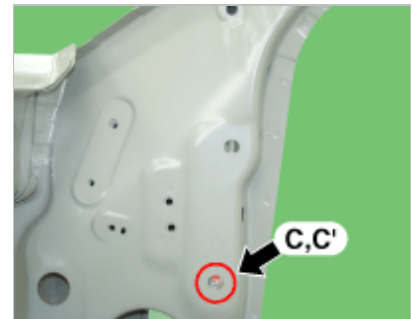
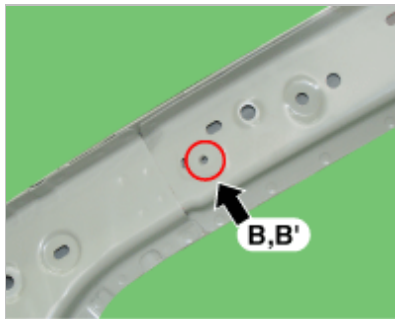
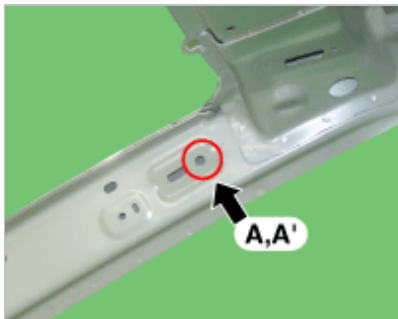
**Body (Interior and Exterior) > Body Dimensions > Interior > Body Repair**

**Interior A**


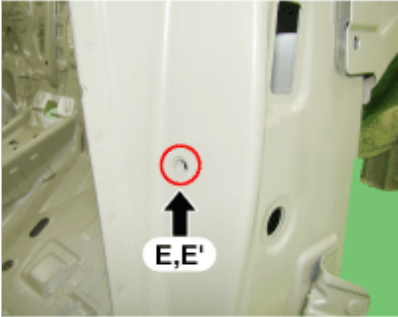
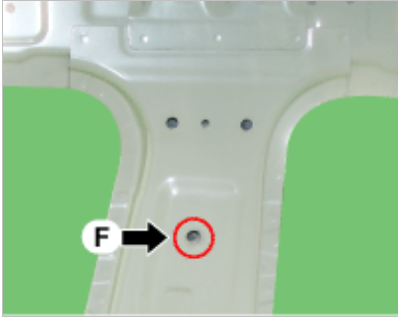
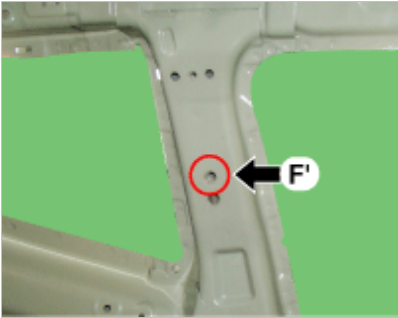
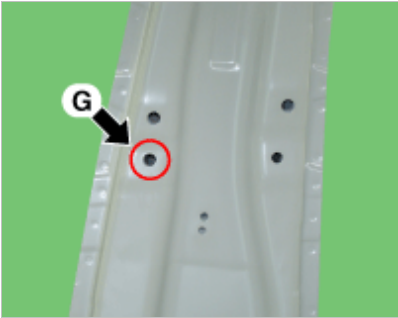
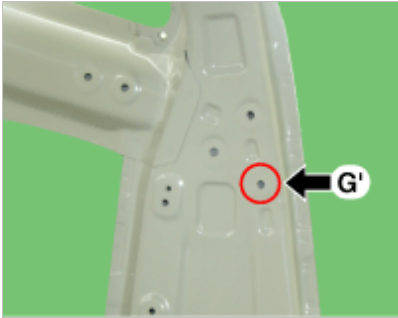
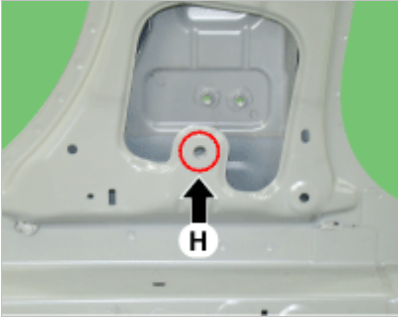
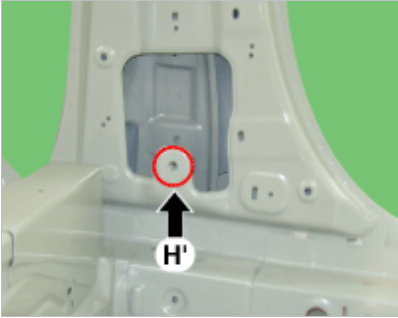
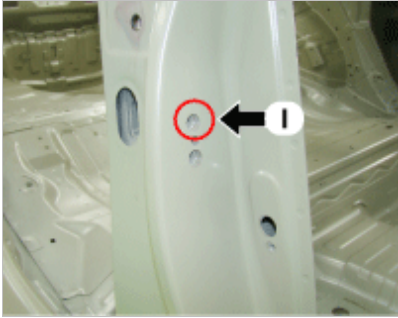
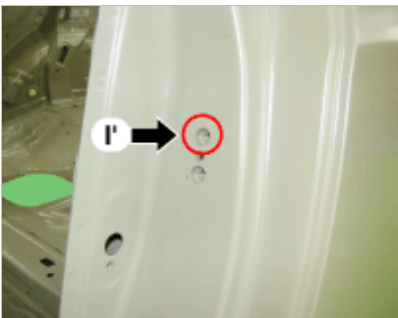


\* These dimensions indicated in this figure are actual-measurement dimensions.

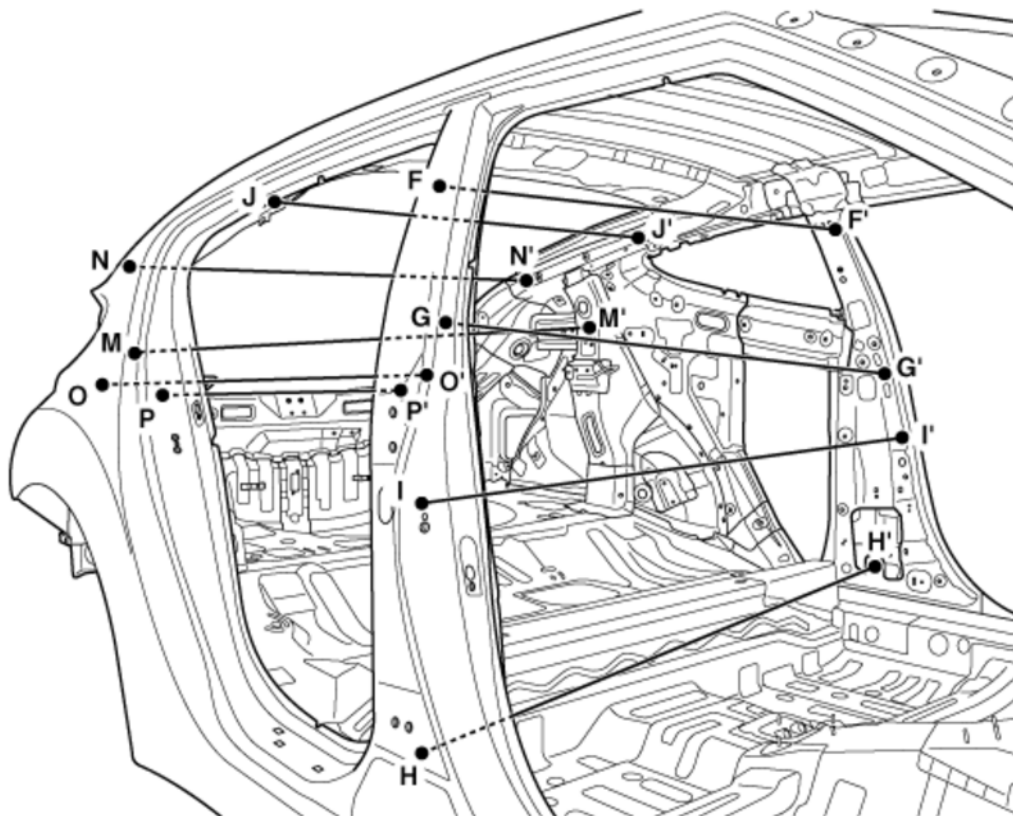
Point symbol	A-A'	B-B'	C-C'	D-D'	E-E'	F-F'	G-G'	H-H'
Length (mm)	1209	1340	1360	1428	1493	1290	1433	1454
Point symbol	I-I'							
Length (mm)	1581							





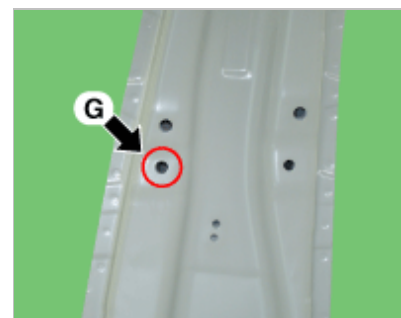
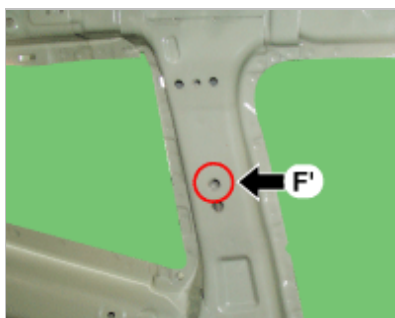
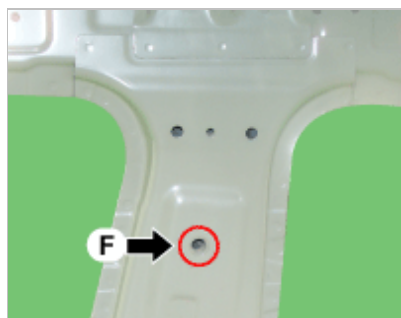
Front pillar trim mounting hole (Ø8)	Curtain airbag mounting hole (Ø6.6)	Cowl crossbar mounting hole (Ø12)
		
Front pillar inner panel tooling hole (Ø6.6)	Front door checker mounting hole (Ø13)	Seat belt upper anchor mounting hole (Ø15)
		
Seat belt upper anchor mounting hole (Ø15)	Center pillar trim mounting hole (Ø10)	Quarter trim mounting hole (Ø8.5)
		
Seat belt retractor mounting hole (Ø12)	Seat belt retractor mounting hole (Ø12)	Front door striker mounting hole (Ø13)
		
Front door striker mounting hole (Ø13)		

## Interior B



\* These dimensions indicated in this figure are actual-measurement dimensions.

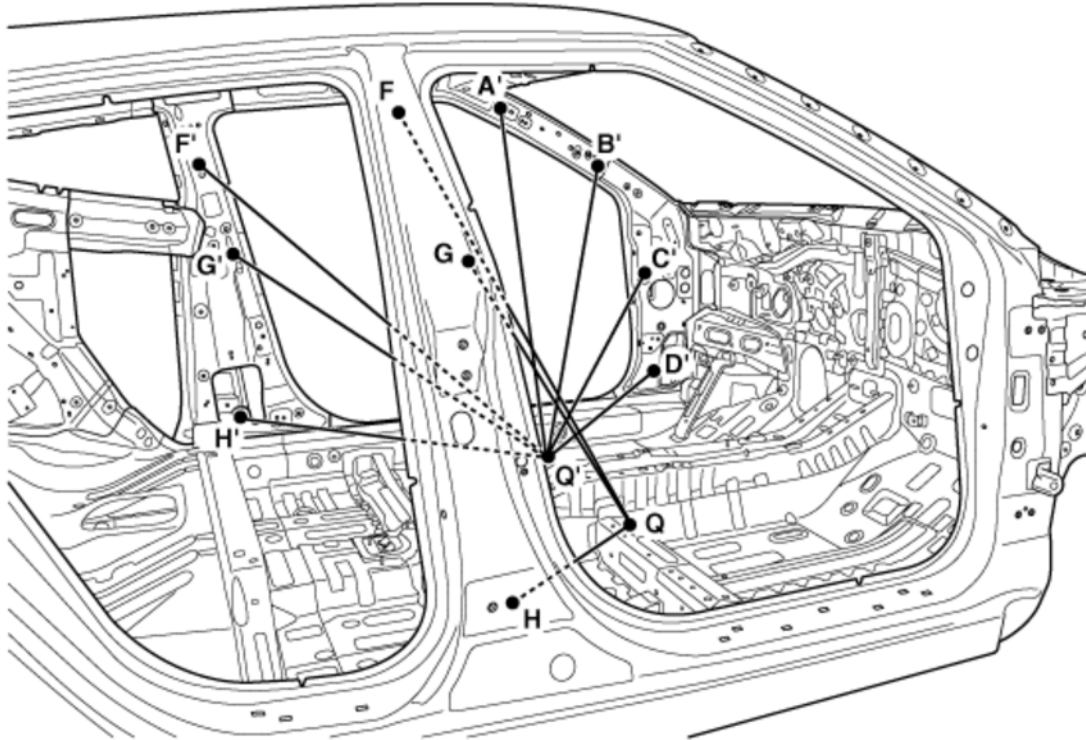
Point symbol	F-F'	G-G'	H-H'	I-I'	J-J'	M-M'	N-N'	O-O'
Length (mm)	1290	1433	1454	1581	1048	1294	1046	934
Point symbol	P-P'							
Length (mm)	552							



Seat belt upper anchor mounting hole (Ø15)	Seat belt upper anchor mounting hole (Ø15)	Center pillar trim mounting hole (Ø10)
		
Quarter trim mounting hole (Ø8.5)	Seat belt retractor mounting hole (Ø12)	Seat belt retractor mounting hole (Ø12)
		
Front door striker mounting hole (Ø13)	Front door striker mounting hole (Ø13)	Rear pillar trim mounting hole (Ø8.5)
		
Quarter inner lower panel tooling hole (Ø14)	Rear pillar trim mounting hole (Ø8.5)	Luggage side trim mounting hole (Ø8.5)
		
Rear transverse trim mounting hole (Ø8.5)		

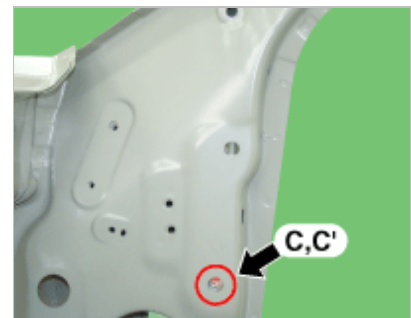
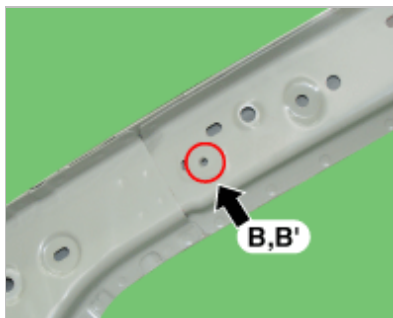
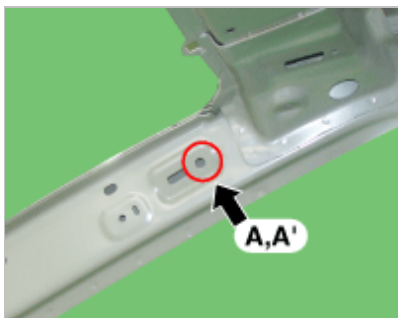



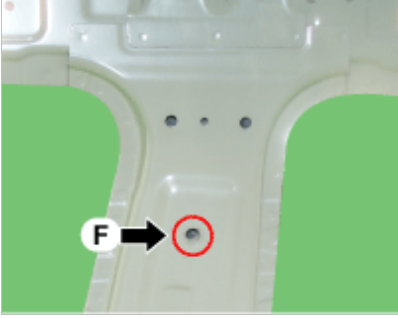
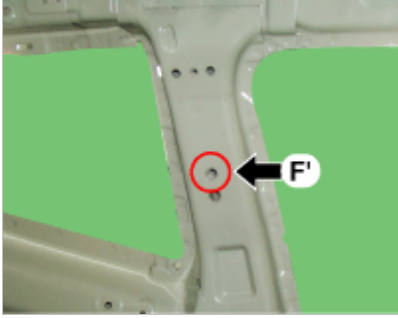
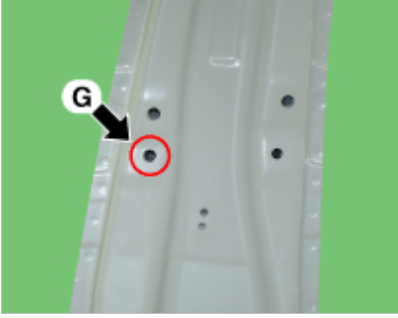
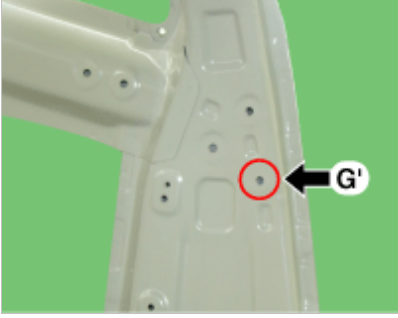

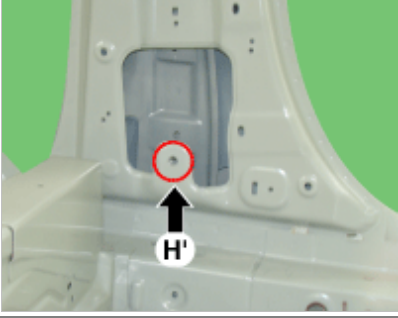
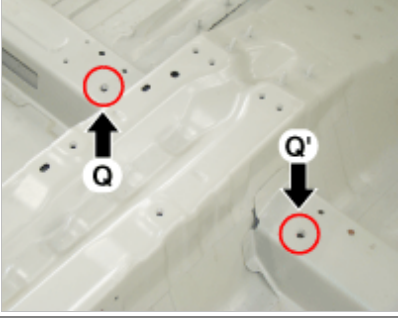
## Interior C



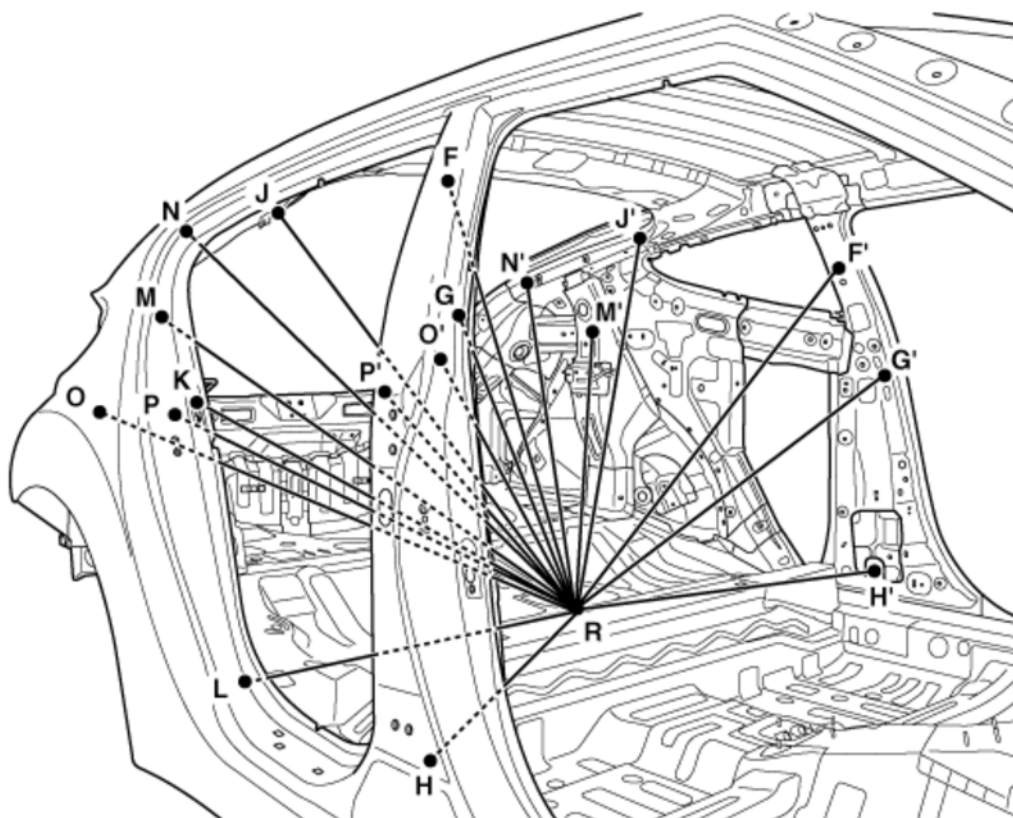
\* These dimensions indicated in this figure are actual-measurement dimensions.

Point symbol	Q-A/Q'-A'	Q-B/Q'-B'	Q-C/Q'-C'	Q-D/Q'-D'	Q-F	Q'-F'	Q-G	Q'-G'
Length (mm)	1052	982	826	753	1144	1262	968	1099
Point symbol	Q-H	Q'-H'						
Length (mm)	757	957						



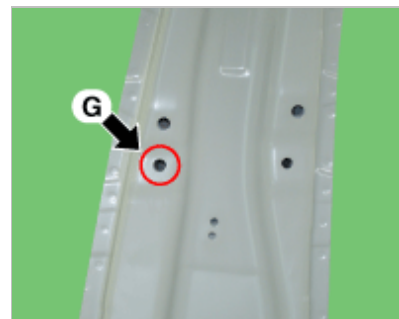
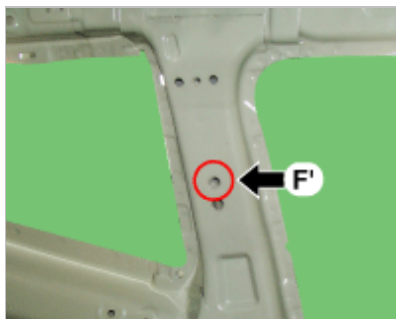
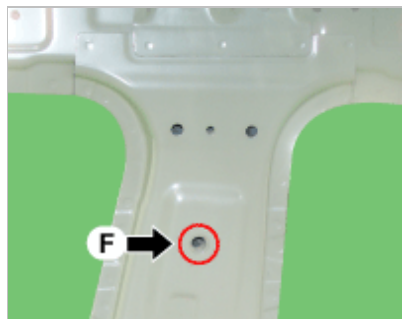
Front pillar trim mounting hole (Ø8)	Curtain airbag mounting hole (Ø6.6)	Cowl crossbar mounting hole (Ø12)
		
Front pillar inner panel tooling hole (Ø6.6)	Seat belt upper anchor mounting hole (Ø15)	Seat belt upper anchor mounting hole (Ø15)
		
Center pillar trim mounting hole (Ø10)	Quarter trim mounting hole (Ø8.5)	Seat belt retractor mounting hole (Ø12)
		
Seat belt retractor mounting hole (Ø12)	Front seat mounting hole (Ø11)	

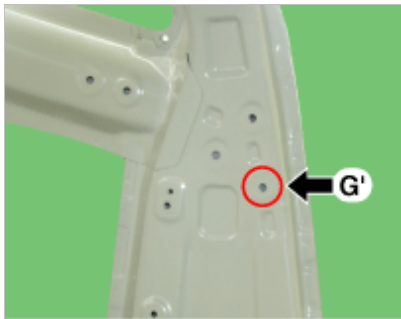
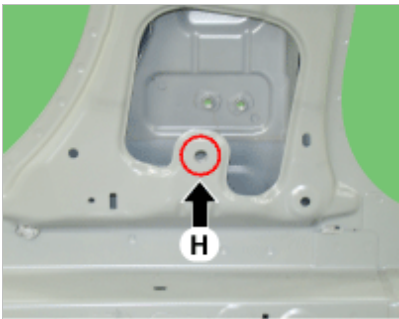
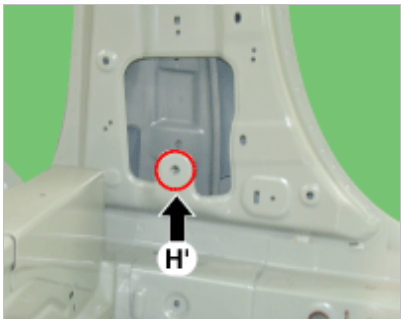
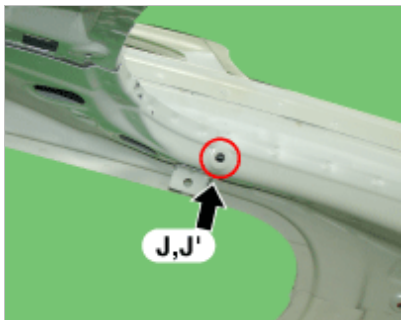
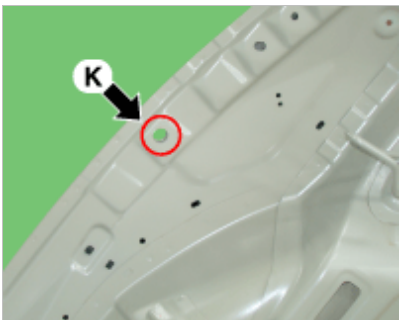
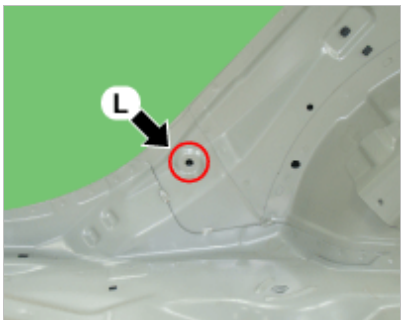
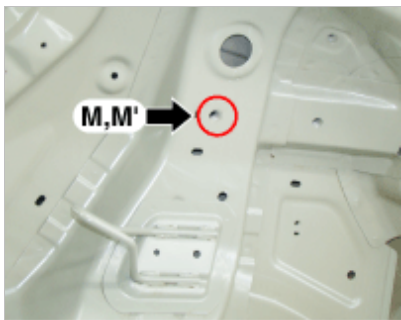
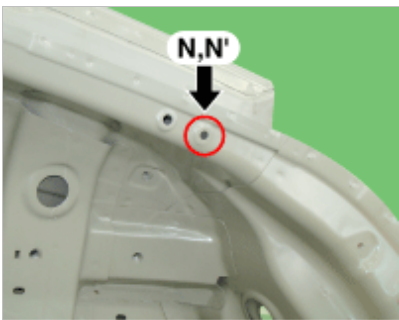
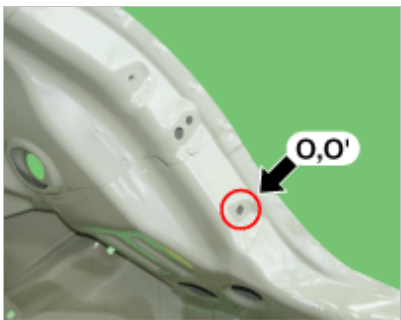

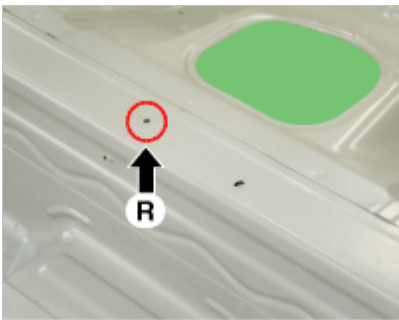
## Interior D



\* These dimensions indicated in this figure are actual-measurement dimensions.

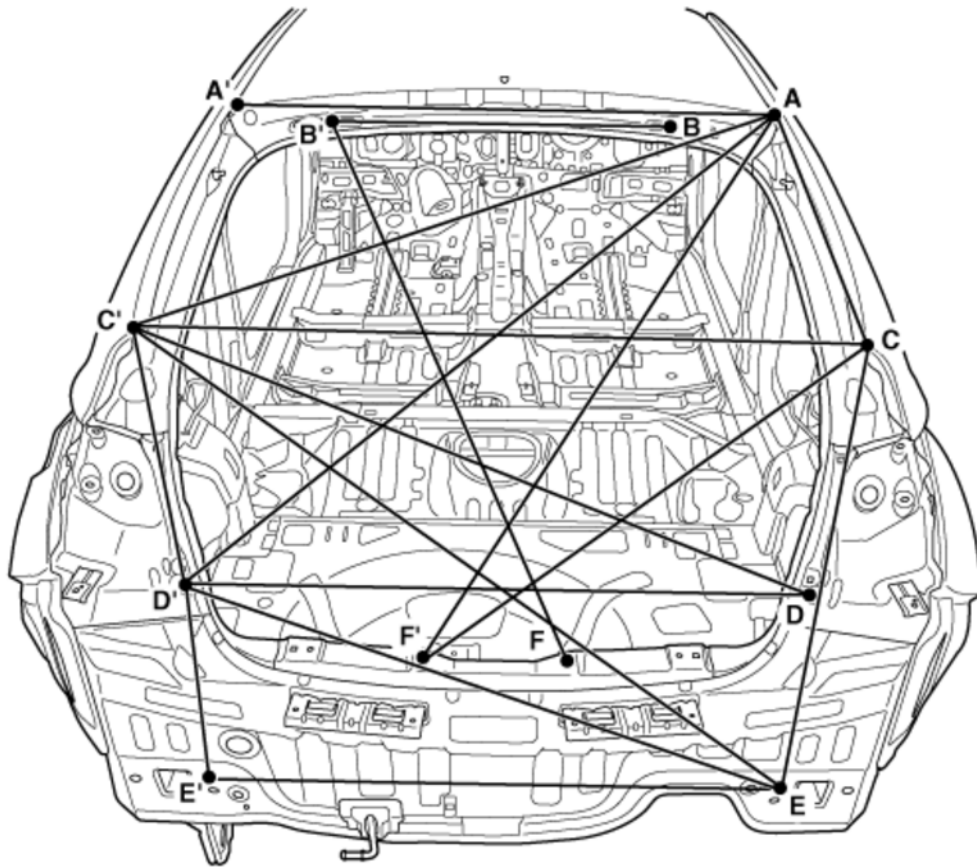
Point symbol	R-F	R-F'	R-G	R-G'	R-H	R-H'	R-J	R-J'
Length (mm)	964	965	890	876	769	759	1038	1078
Point symbol	R-K	R-L	R-M	R-M'	R-N	R-N'	R-O	R-O'
Length (mm)	882	738	1130	1175	1232	1266	1348	1375
Point symbol	R-P	R-P'						
Length (mm)	1381	1397						



Seat belt upper anchor mounting hole (Ø15)	Seat belt upper anchor mounting hole (Ø15)	Center pillar trim mounting hole (Ø10)
		
Quarter trim mounting hole (Ø8.5)	Seat belt retractor mounting hole (Ø12)	Seat belt retractor mounting hole (Ø12)
		
Rear pillar trim mounting hole (Ø8.5)	Quarter inner lower panel tooling hole (Ø18)	Quarter inner lower panel tooling hole (Ø8.5)
		
Quarter inner lower panel tooling hole (Ø14)	Rear pillar trim mounting hole (Ø8.5)	Luggage side trim mounting hole (Ø8.5)
		
Rear transverse trim mounting hole (Ø8.5)	Rear floor panel tooling hole (Ø7)	

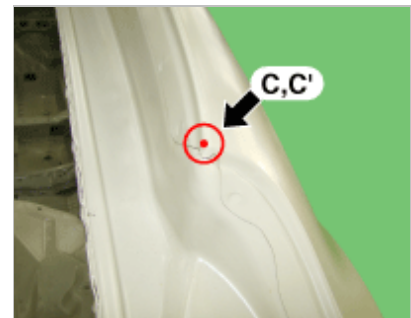
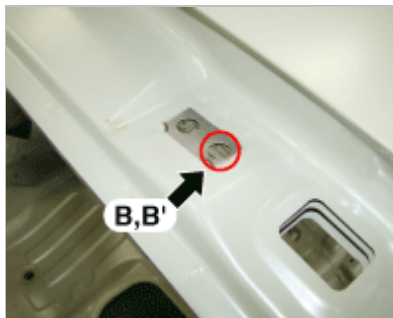
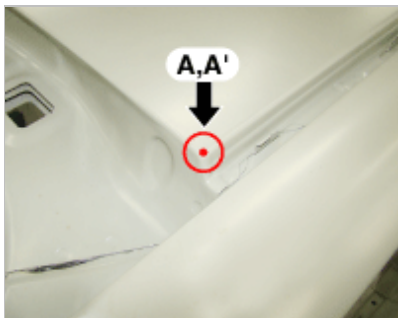


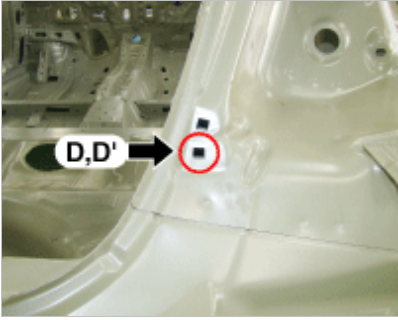
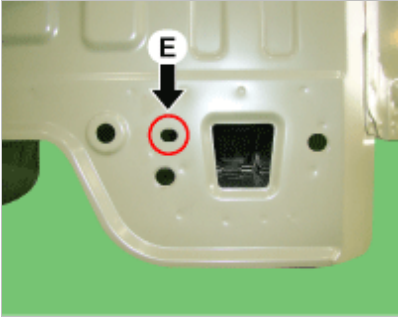
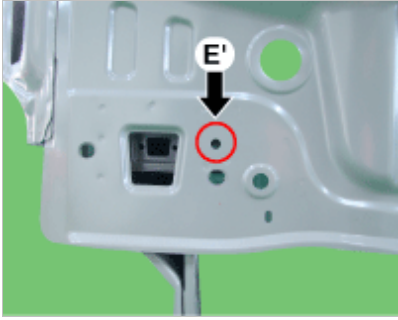
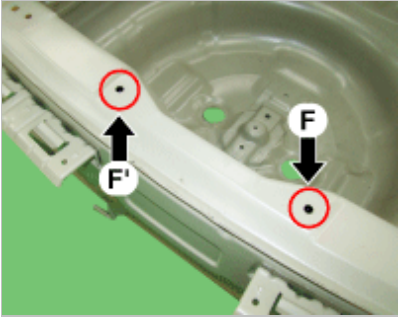
# Body (Interior and Exterior) > Body Dimensions > Rear Body > Body Repair



\* These dimensions indicated in this figure are actual-measurement dimensions.

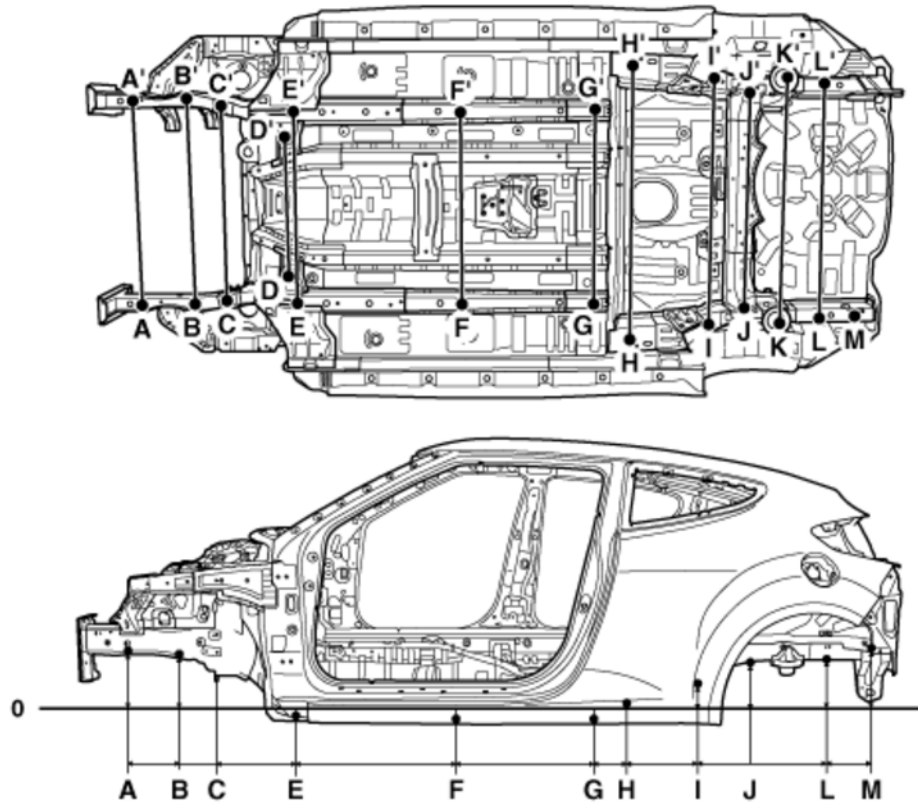
Point symbol	A-A'	A-C/A'-C'	A-C'/A'-C	A-D'/A'-D	A-F'/A'-F	B-B'	B-F'/B'-F	C-C'
Length (mm)	1109	742	1348	1479	1346	675	1222	1142
Point symbol	C-D/C'-D'	C-D'/C'-D	C-E/C'-E'	C-E'/C'-E	C-F'/C'-F	D-D'	D-E/D'-E'	D-E'/D'-E
Length (mm)	399	1115	761	1296	840	950	392	1034
Point symbol	E-E'							
Length (mm)	972							



Roof panel rear corner	Tail gate hinge mounting hole (Ø12)	Side outer panel rear corner
		
Rear bumper mounting hole (8.5X8.5)	Rear bumper mounting hole (10X14)	Rear bumper mounting hole (Ø10)
		
Rear transverse trim mounting hole (Ø8.5)		

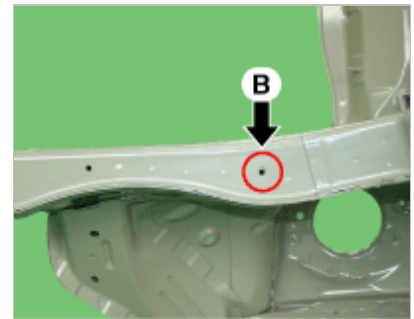
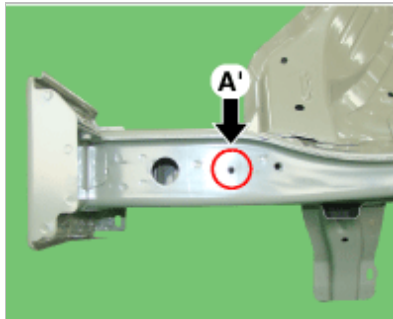
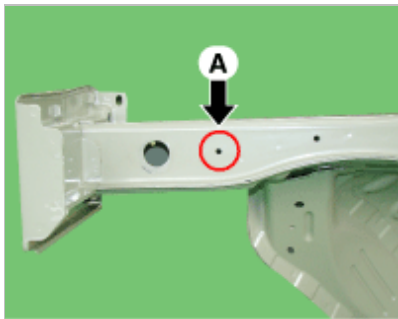
## Body (Interior and Exterior) > Body Dimensions > Under Body > Body Repair

### Projected Dimensions

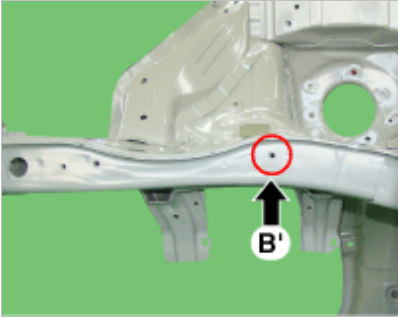
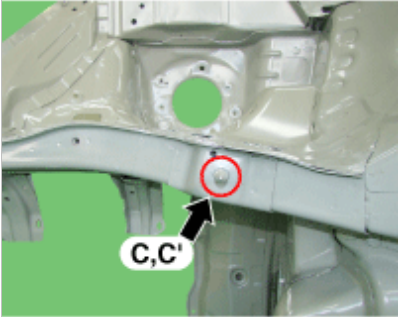
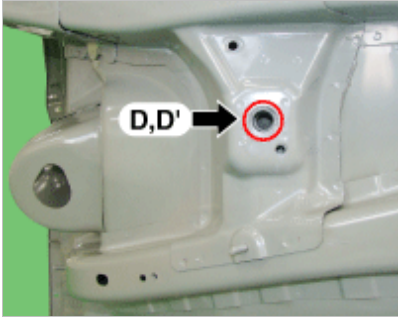
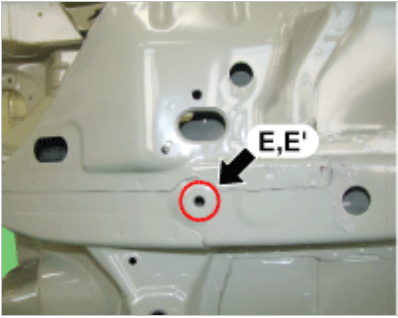
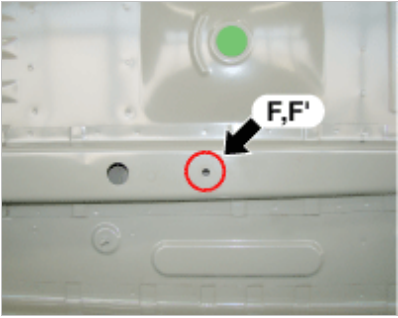
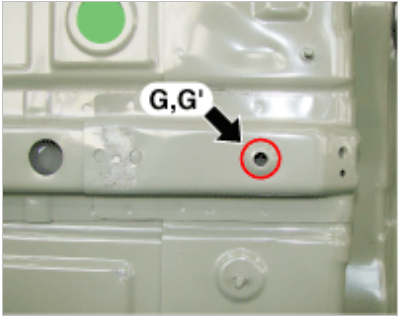
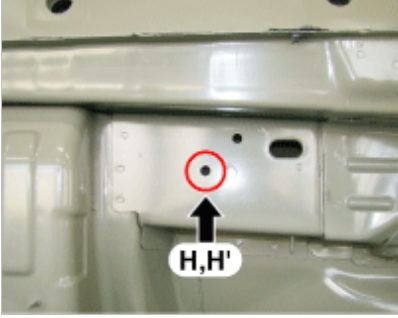
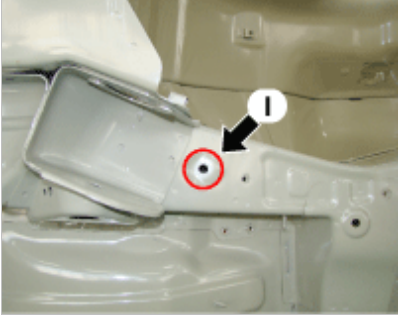
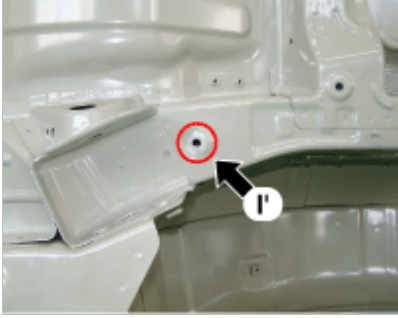
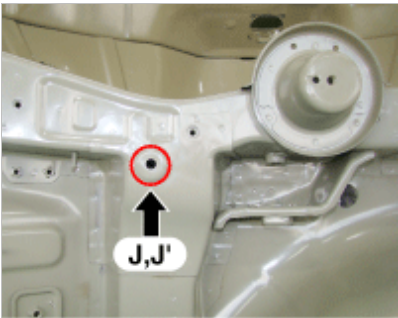
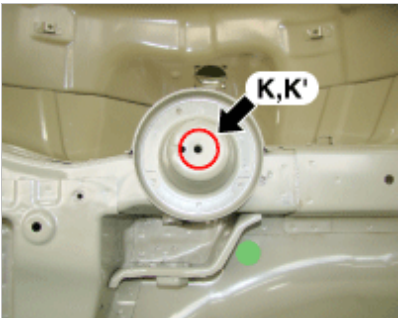



\* These dimensions indicated in this figure are actual-measurement dimensions.

Point symbol	A-A'/B-B'	C-C'	D-D'	E-E'	F-F'/G-G'	H-H'	I-I'	J-J'
Length (mm)	970/978	900	610	845	840	1230	1136	999
Point symbol	K-K'	L-L'	0-A	0-B/0-B'	0-D	0-E	0-F	0-G
Length (mm)	1141	1109	178	178/172	-22	-72	-79	-82
Point symbol	0-H	0-I	0-J	0-K	0-L	0-M	A-B/A'-B'	B-C/B'-C'
Length (mm)	21	108	143	92	158	158	263/262	183/184
Point symbol	C-E	E-F	F-G	G-H	H-I	I-J	J-L/J'-L'	L-M
Length (mm)	371	733	578	180	382	178	387/367	177



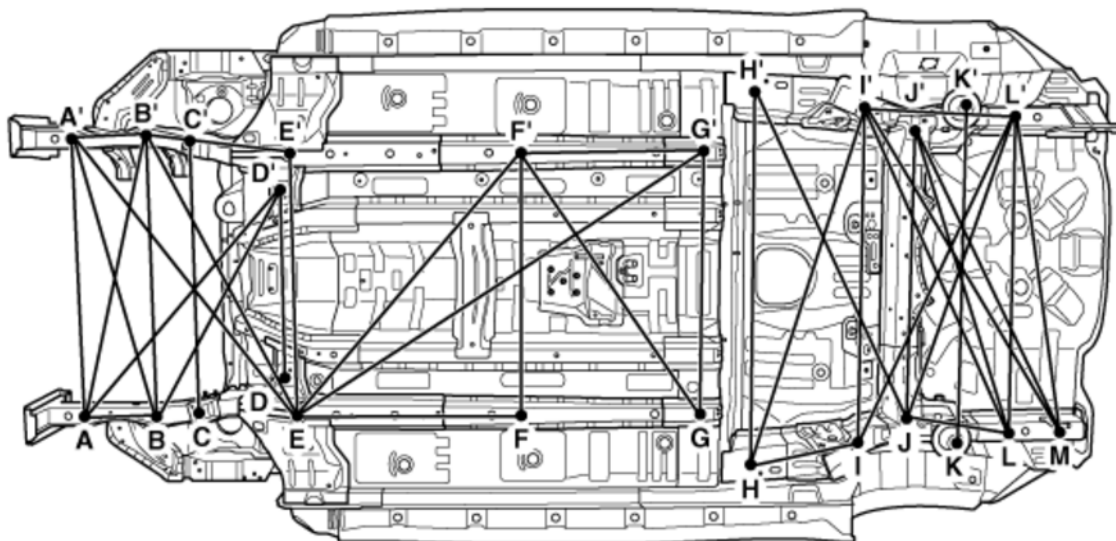


Front side member tooling hole (Ø6.6)	Front side member tooling hole (Ø6.6)	Side cover mounting hole (Ø8.6)
		
Side cover mounting hole (Ø10)	Sub frame mounting bolt	Sub frame mounting hole (Ø22)
		
Front side member tooling hole (Ø11)	Center floor side member tooling hole (Ø8)	Center floor side member extension tooling hole (Ø7)
		
Rear floor side member tooling hole (Ø10)	Rear floor side member tooling hole (Ø10)	Rear floor side member tooling hole (Ø10)
		
Rear floor center cross member tooling hole (Ø10)	Rear spring stopper bracket hole (Ø9)	Rear floor side member tooling hole (L/L' : Ø7/Ø10)



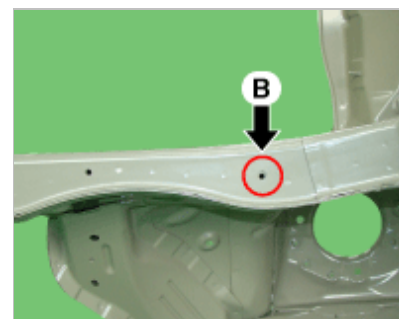
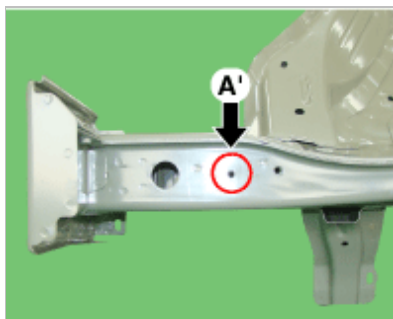
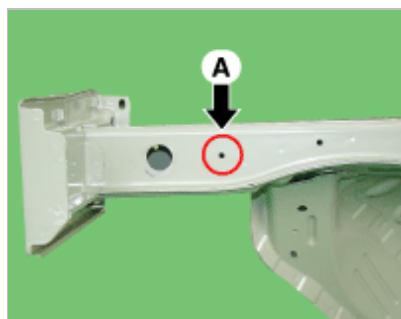
		
Rear floor side member tooling hole (Ø8)		

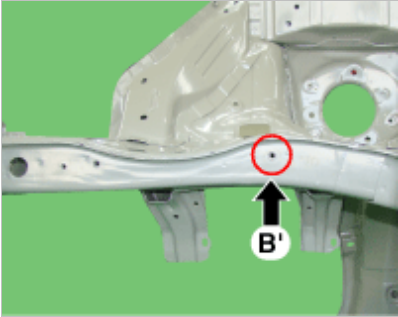
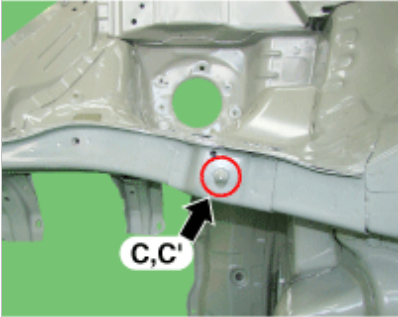
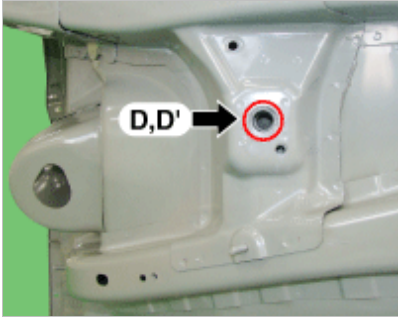
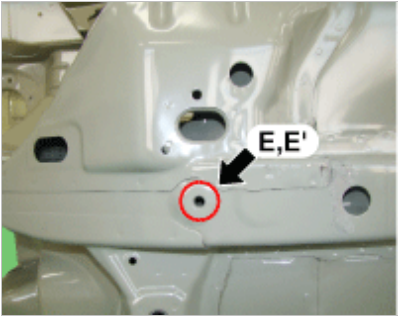
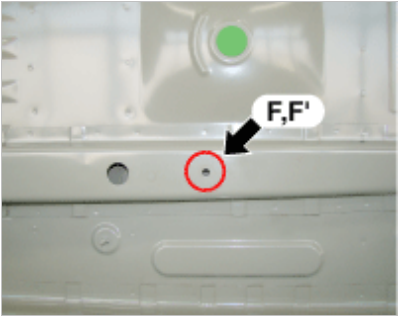
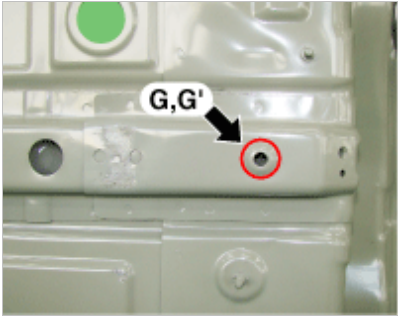
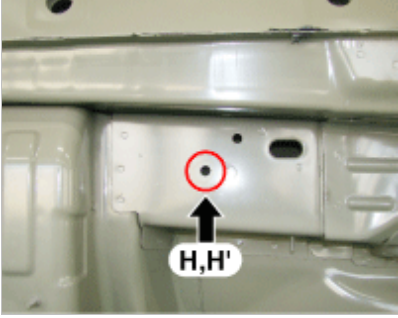
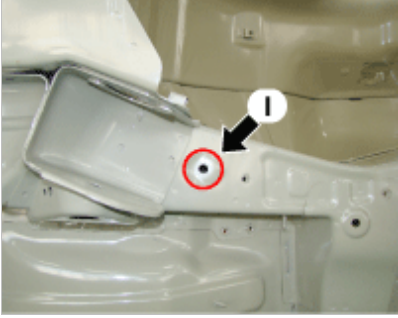
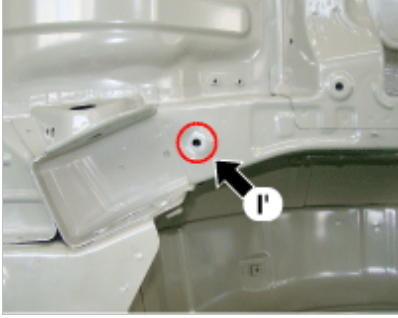
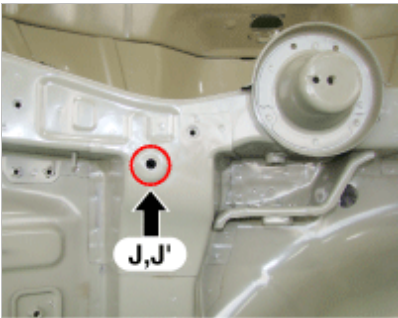
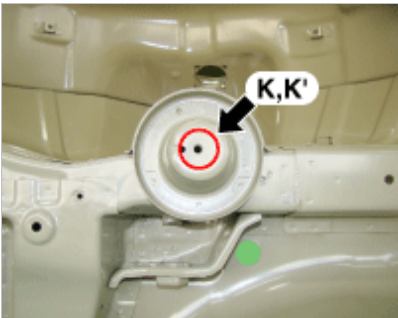

### Actual-Measurement Dimensions

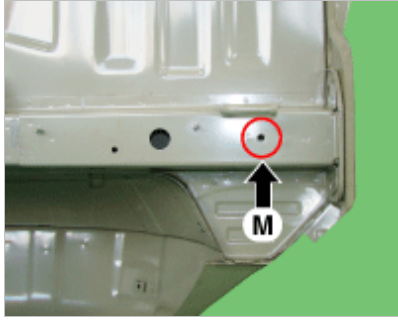


\* These dimensions indicated in this figure are actual-measurement dimensions.

Point symbol	A-A'	A-B/A'-B'	A-B'/A'-B	A-D'/A'-D	A-E'/A'-E	B-B'	B-E/B'-E'	B-D'/B'-D
Length (mm)	970	263/262	1013/1005	1125	1247	978	611/610	962
Point symbol	B-E'/B'-E	C-C'	D-D'	E-E'	E-F/E'-F'	E-F'/E'-F	E-G'/E'-G	F-F'
Length (mm)	1092	900	610	845	733	1117	1558	840
Point symbol	F-G'/F'-G'	F-G'/F'-G	G-G'	H-H'	H-I'/H'-I'	H-I'/H'-I	H-J'/H'-J	I-I'
Length (mm)	578	1020	840	1230	395	1246	1251	1136
Point symbol	I-L'/I'-L'	I-L'/I'-L	I'-M	J-J'	J-L/J'-L'	J-L'/J'-L	J'-M	K-K'
Length (mm)	567/548	1241/1266	1343	999	392/370	1110/1129	1190	1141
Point symbol	L-L'	L-M						
Length (mm)	1109	178						



Front side member tooling hole (Ø6.6)	Front side member tooling hole (Ø6.6)	Side cover mounting hole (Ø8.6)
		
Side cover mounting hole (Ø10)	Sub frame mounting bolt	Sub frame mounting hole (Ø22)
		
Front side member tooling hole (Ø11)	Center floor side member tooling hole (Ø8)	Center floor side member extension tooling hole (Ø7)
		
Rear floor side member tooling hole (Ø10)	Rear floor side member tooling hole (Ø10)	Rear floor side member tooling hole (Ø10)
		
Rear floor center cross member tooling hole (Ø10)	Rear spring stopper bracket hole (Ø9)	Rear floor side member tooling hole (L/L' : Ø7/Ø10)



Rear floor side member tooling hole  
(Ø8)

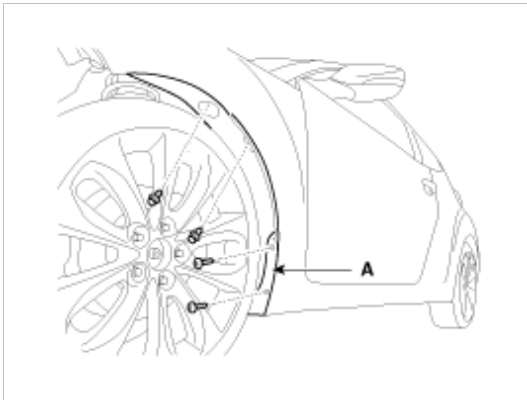
## Body (Interior and Exterior) > Exterior > Fender > Repair procedures

### Replacement

#### CAUTION

- When removing and installing the fender, an assistant is necessary.
- Be careful not to damage the fender and body.
- When removing the clips, use a clip remover.

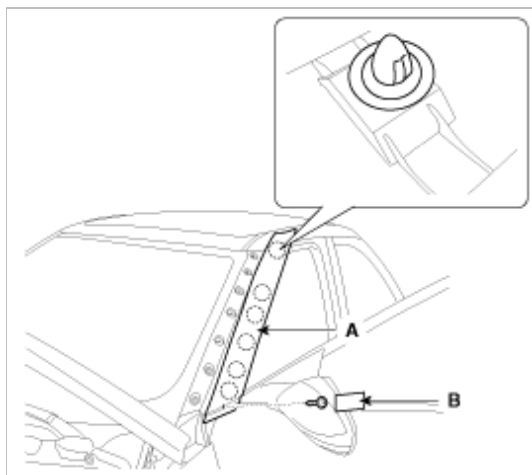
1. Remove the front bumper cover.  
(Refer to the BD group – “Front bumper”)
2. Remove the head lamps.  
(Refer to the BE group – “Head Lamps”)
3. Loosen the mud guard (A) mounting screws and clips.



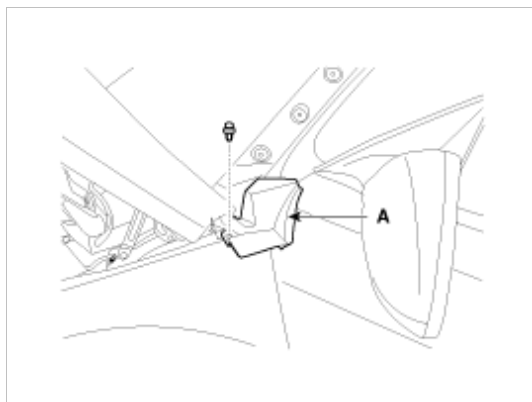
4. To remove the A pillar garnish (A), loosen the mounting screw after removing the cap (B).

#### Tightening torque :

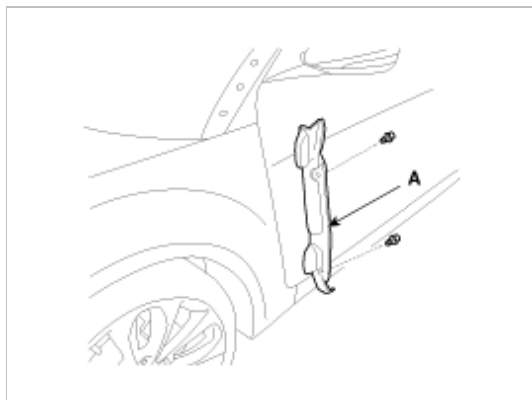
0.5 ~ 1.0N.m (0.05 ~ 0.1kgf.m, 0.4 ~ 0.7 lb-ft)



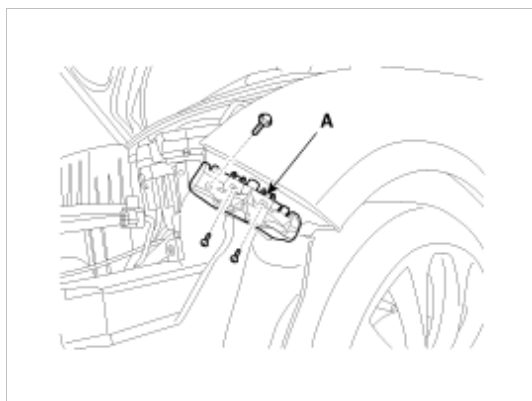
5. Detach the clip and then remove the fender side cover (A).



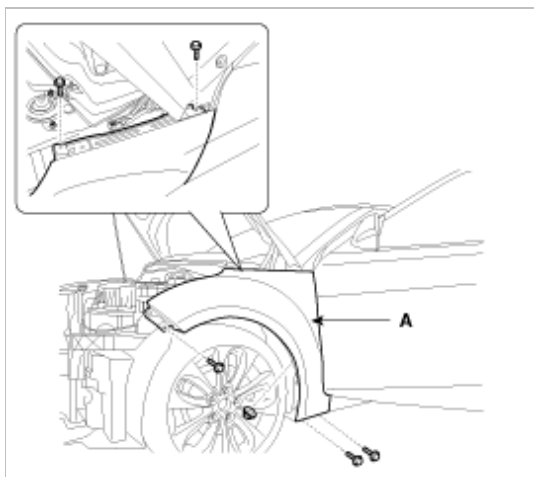
6. Detach the clips and then remove the insulator pad (A).



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



8. After loosening the mounting bolts and nut, then remove the fender (A).



9. Installation is the reverse of removal.

## Body (Interior and Exterior) > Exterior > Hood > Repair procedures

### Replacement

### Hood Assembly Replacement

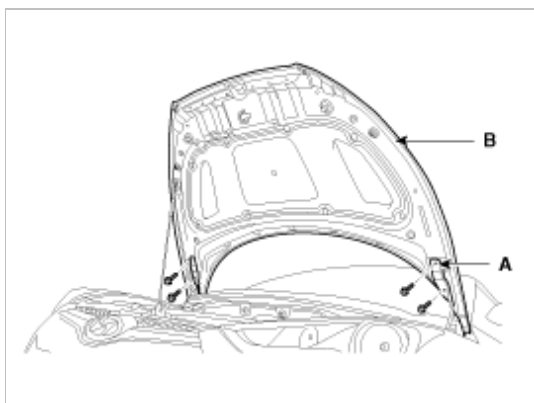
#### CAUTION

- When removing and installing the hood, an assistant is necessary.
- Take care not to damaged the hood and body.

1. After loosening the hood hinge (A) mounting bolts, and then remove the hood (B).

#### Tightening torque :

21.6 ~ 26.5 N.m (2.2 ~ 2.7 kgf.m, 15.9 ~ 19.5 lb-ft)



2. Installation is the reverse of removal.

#### NOTE

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

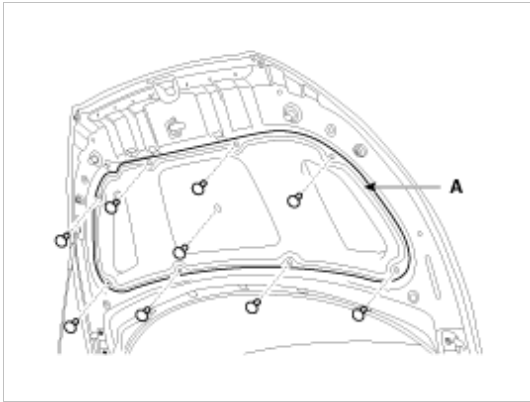
### Hood Insulator Pad Replacement

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



**CAUTION**

- Be careful not to scratch the hood panel.



2. Installation is the reverse of removal.

**NOTE**

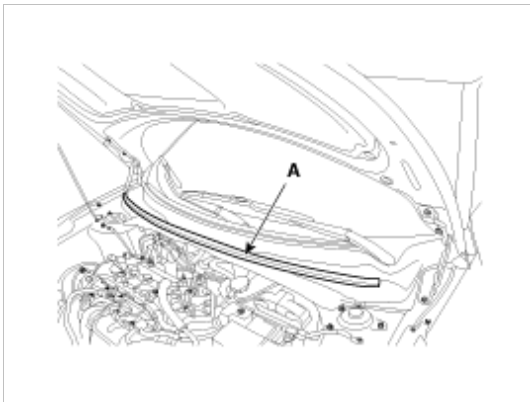
- Replace any damaged clips.

## Hood Weatherstrip Replacement

1. Remove the hood weatherstrip (A).

**CAUTION**

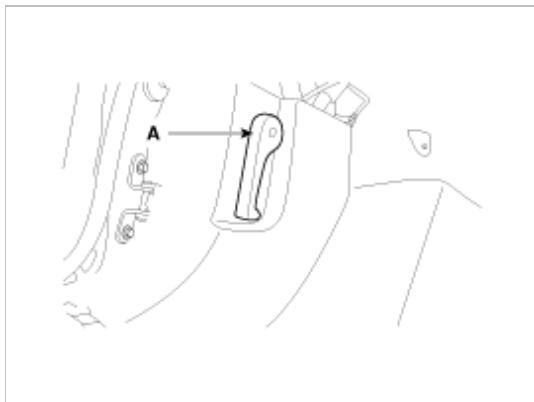
- Take care not to scratch the hood weatherstrip.



2. Installation is the reverse of removal.

## Hood Latch Release Handle Replacement

1. Using a screwdriver or remover, remove the hood latch release handle (A).



2. Installation is the reverse of removal.

#### NOTE

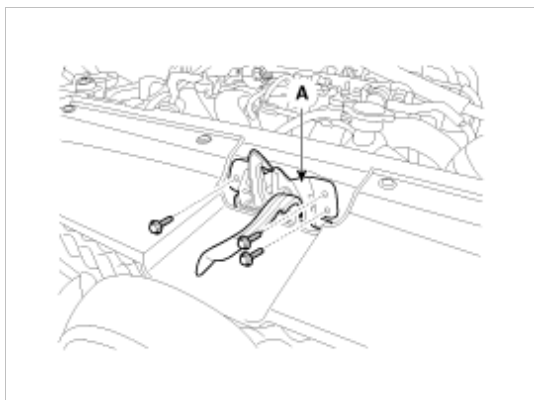
- Make sure the hood latch cable is connected properly.
- Make sure the hood locks securely.

## Hood Latch Replacement

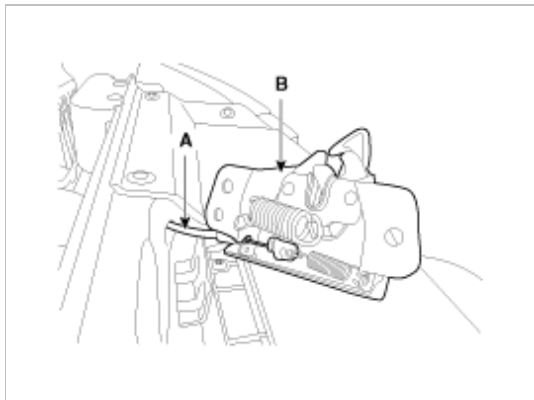
1. Remove the hood latch (A) mounting bolts.

#### Tightening torque :

7.8 ~ 11.8N.m (0.8 ~ 1.2kgf.m, 5.8 ~8.7 lb-ft)



2. Disconnect the hood latch release handle cable (A) and remove the hood latch (B).



3. Installation is the reverse of removal.

#### NOTE

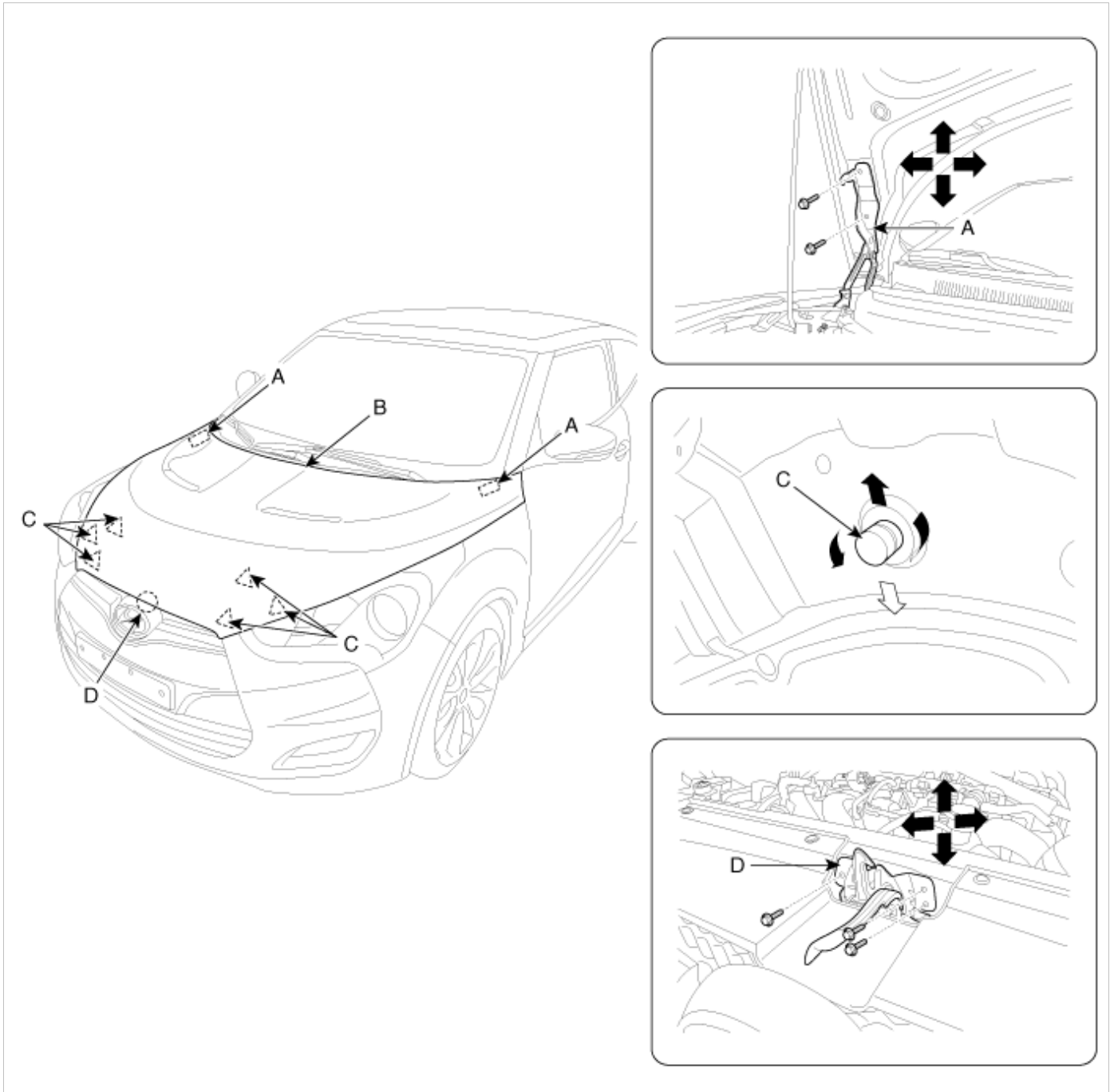


- Make sure the hood latch release cable is connected properly.
- Make sure the hood locks/unlocks and opens/closes properly.
- Adjust the latch alignment.

## Adjustment

### Hood Adjustment

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



## Body (Interior and Exterior) > Exterior > Tail Gate > Repair procedures

### Replacement

#### Tail Gate Assembly Replacement

##### CAUTION

- When removing and installing the tail gate, an assistant is necessary.
- Take care not to damaged the tail gate and body.

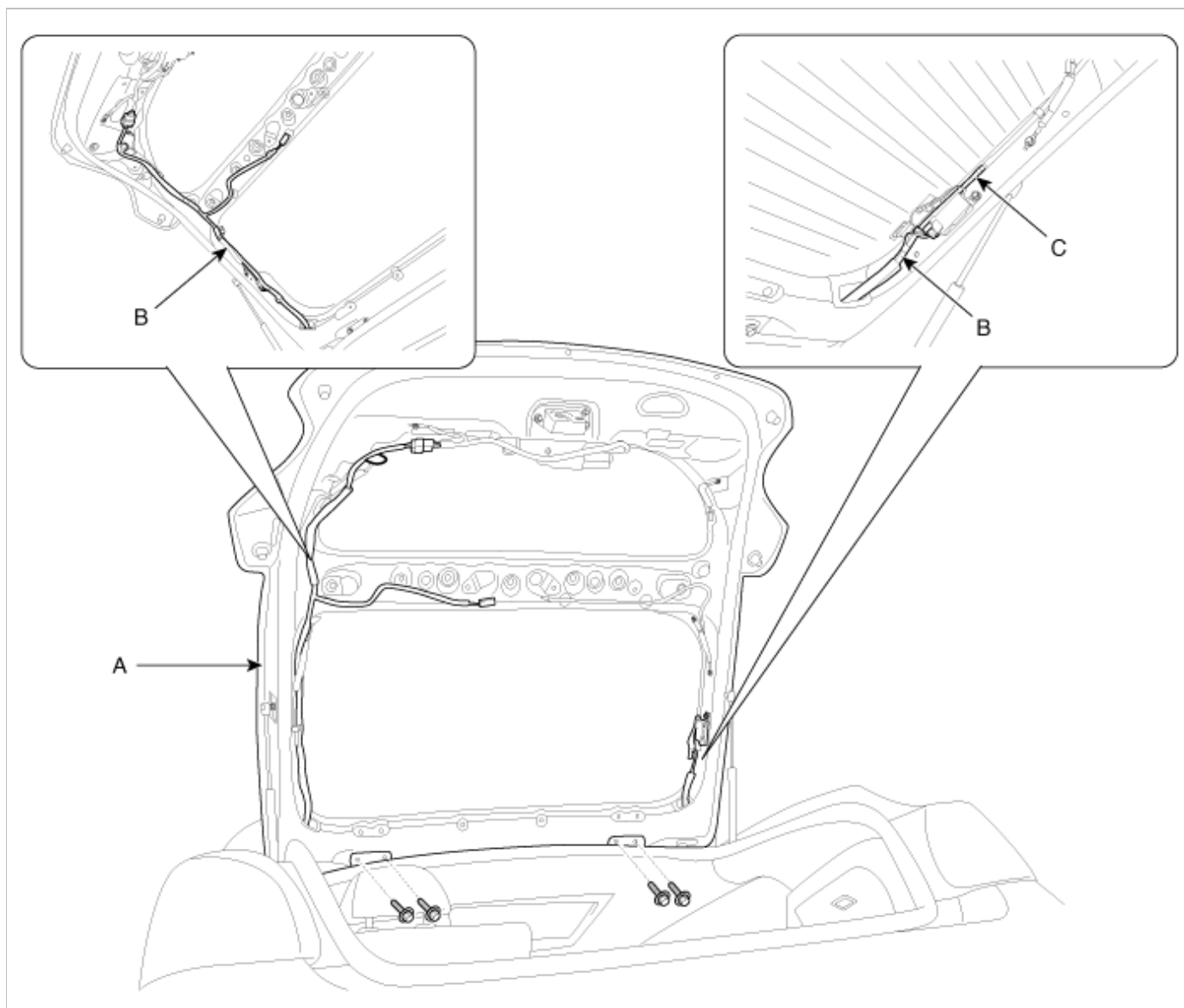
1. Remove the following items.
  - A. Tail gate frame upper trim & Tail gate center trim
  - B. Tail gate trim
  - C. Tail gate frame side trim
2. Remove the washer nozzle hose (C).
3. Disconnect the connectors and tail gate wiring harness (B).
4. After loosening the mounting bolts, then remove the tail gate assembly (A).

---

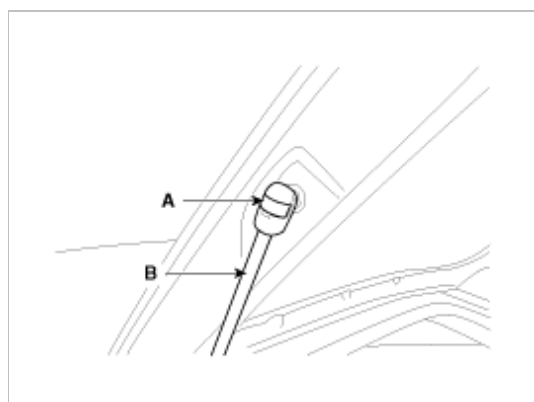
##### Tightening torque :

21.6 ~ 26.5 N.m (2.2 ~ 2.7 kgf.m, 15.9 ~ 19.5 lb-ft)

---



5. Using a screwdriver, lift the socket clips (A) up slightly on both ends of the tail gate lifter (B).



6. Installation is the reverse of removal.

**NOTE**

- Make sure the tail gate opens properly and locks securely.
- Adjust the tail gate alignment.
- Make sure the connectors are connected in properly.

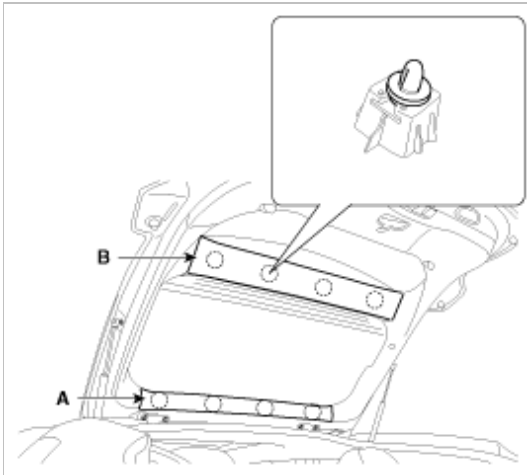
- Replace any damage clips.

## Tail Gate Trim Replacement

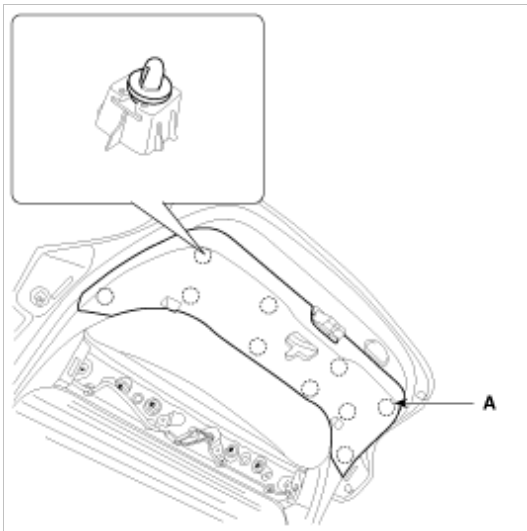
### CAUTION

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

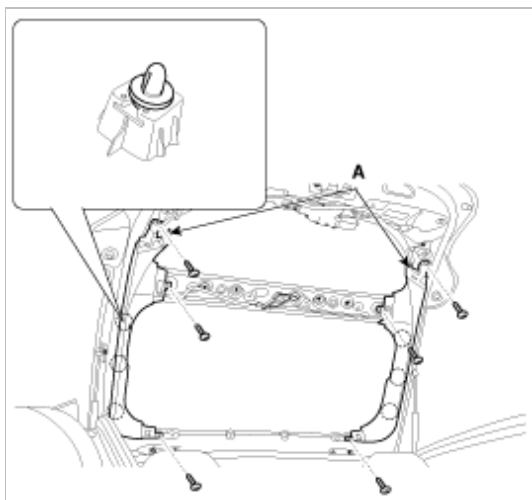
1. Using a screwdriver or remover, remove the tail gate frame upper trim (A) and tail gate center trim (B).



2. Using a screwdriver or remover, remove the tail gate trim (A).



3. After loosening the mounting screws, then remove the tail gate frame side trim (A).



4. Installation is the reverse of removal.

#### NOTE

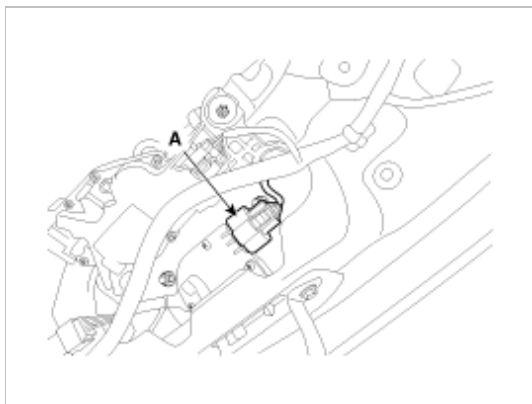
- Make sure the tail gate opens properly and locks securely.
- Replace any damaged clips.

## Tail Gate Latch Replacement

#### CAUTION

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

1. Remove the following items:
  - A. Tail gate center trim
  - B. Tail gate trim
2. Disconnect the tail gate latch connector (A).

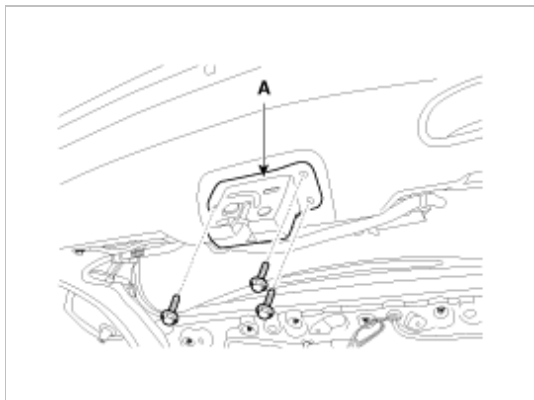


3. After loosening the mounting bolts, then remove the tail gate latch assembly (A).

#### Tightening torque :

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





4. Installation is the reverse of removal

#### NOTE

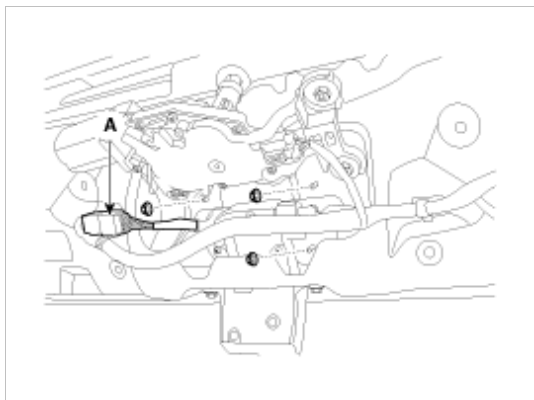
- Make sure the tail gate opens properly and locks securely.
- Make sure the connector is connected properly and the connecting rod is connected properly.
- Replace any damaged clips.

## Tail Gate Outside Handle Replacement

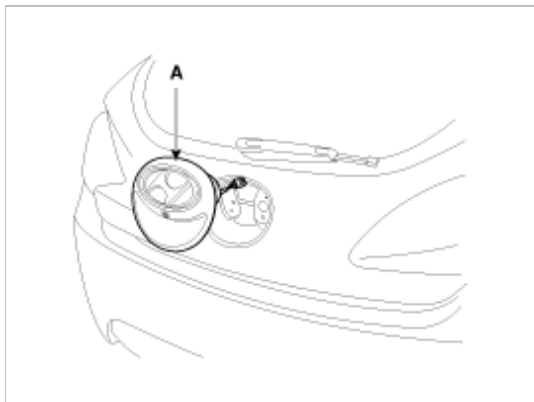
#### CAUTION

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

1. Remove the following items:
  - A. Tail gate center trim
  - B. Tail gate trim
2. Disconnect the tail gate outside handle connector (A).
3. Loosen the tail gate outside handle mounting nuts.



4. Remove the tail gate outside handle (A).



5. Installation is the reverse of removal

#### NOTE

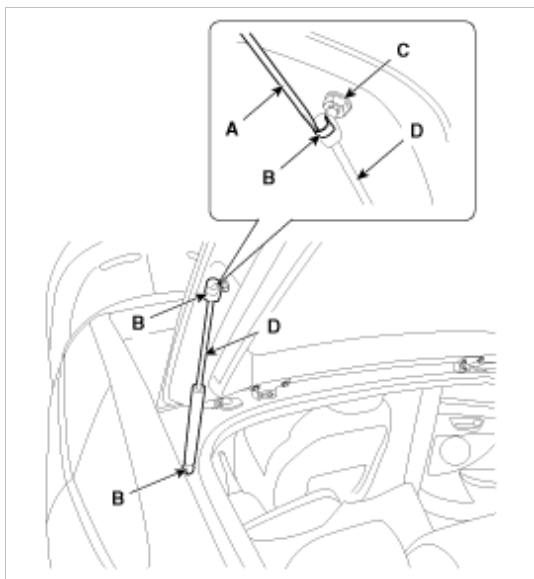
- Make sure the tail gate locks/unlocks and opens/closes properly.
- Make sure connectors are connected properly and each rod is connected securely.
- Replace any damaged clips.

## Tail Gate Lift Replacement

#### NOTE

- Take care to not let the tailgate fall on you as the lifts are removed. Have a helper hold the tailgate open, or use a secure method to hold it open.

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



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

#### NOTE

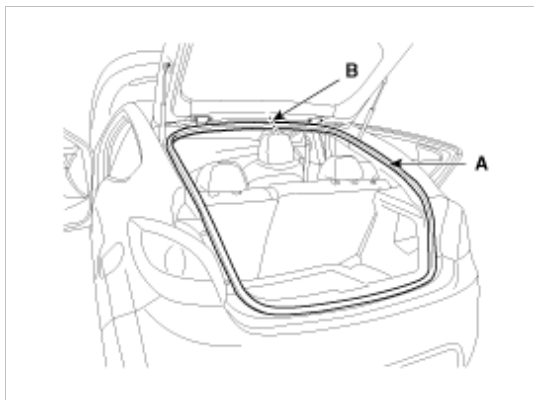
- Make sure the tail gate locks and opens properly and locks securely.

## Tail Gate weatherstrip Replacement

**CAUTION**

- Do not apply sealant to the body.

1. Remove the tail gate weatherstrip (A).



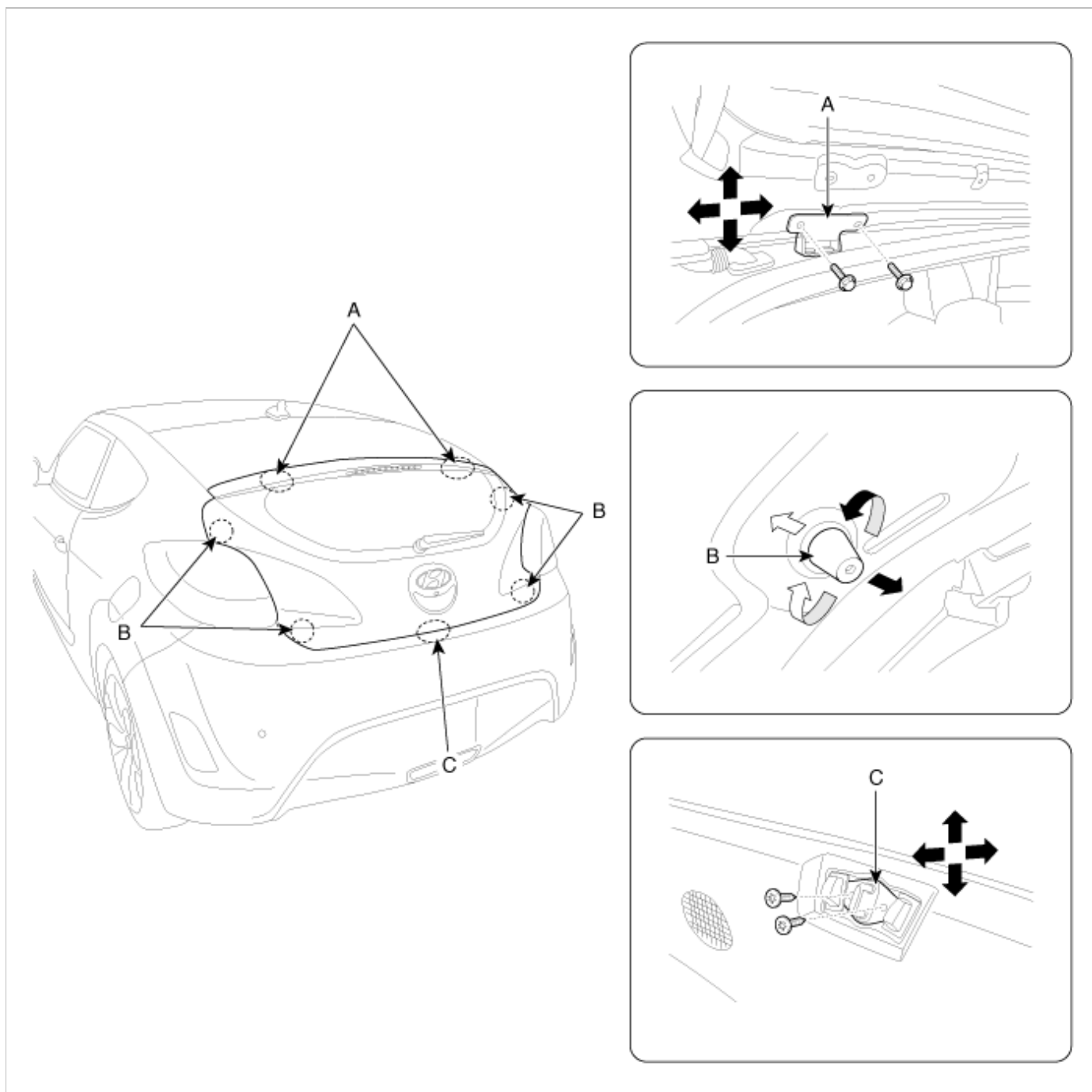
2. Installation is the reverse of removal.

**NOTE**

- Install the weatherstrip aligned with center line (B).

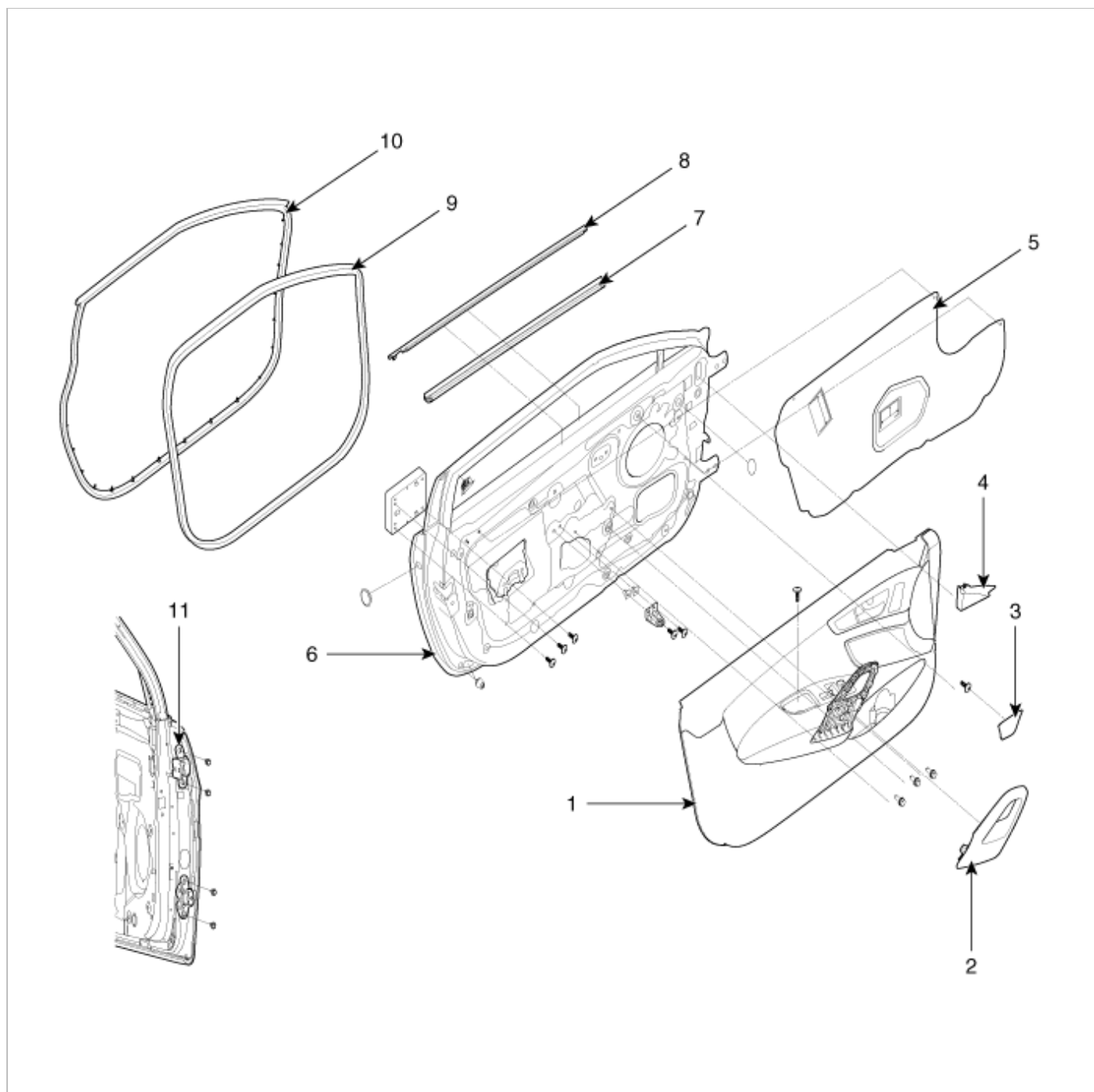
## Adjustment

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



**Body (Interior and Exterior) > Exterior > Front Door > Components and Components Location**

**Components**



1. Front door trim
2. Front door grip handle outer cover
3. Front door inside handle cap
4. Front door quadrant inner cover
5. Front door trim seal
6. Front door panel assembly

7. Front door belt inside weatherstrip
8. Front door belt outside weatherstrip
9. Front door body side weatherstrip
10. Front door side weatherstrip
11. Front door hinge

## Body (Interior and Exterior) > Exterior > Front Door > Repair procedures

### Replacement

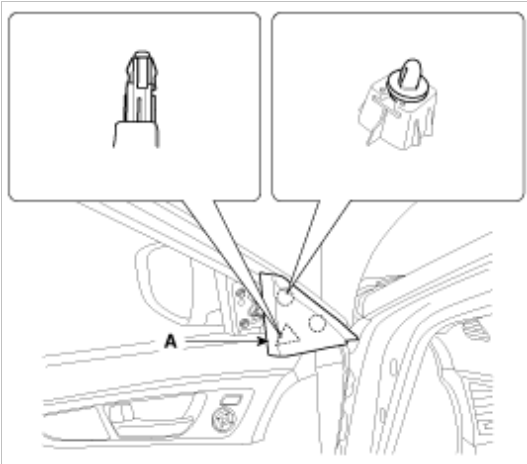
#### Front Door Trim Replacement



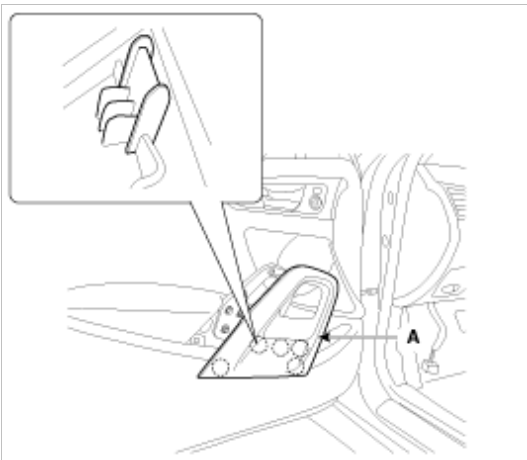
**CAUTION**

- Take care not to scratch the door trim and other parts.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the front door quadrant inner cover (A).



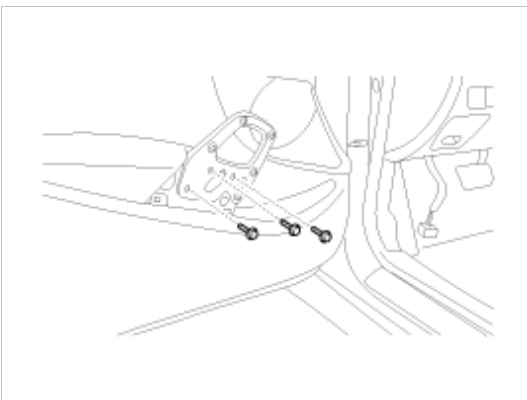
2. Using a screwdriver or remover, remove the front door grip handle outer cover (A).



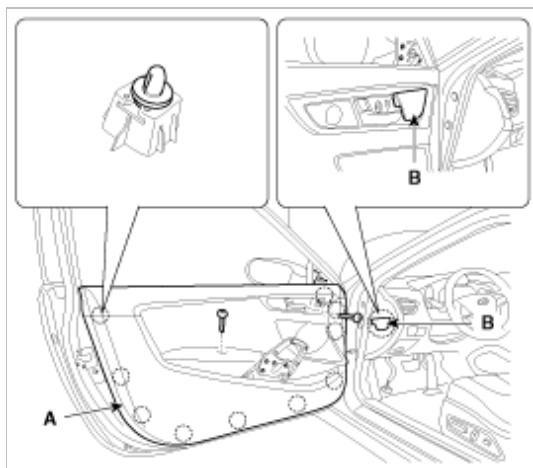
3. Loosen the front door trim mounting bolts.

**Tightening torque :**

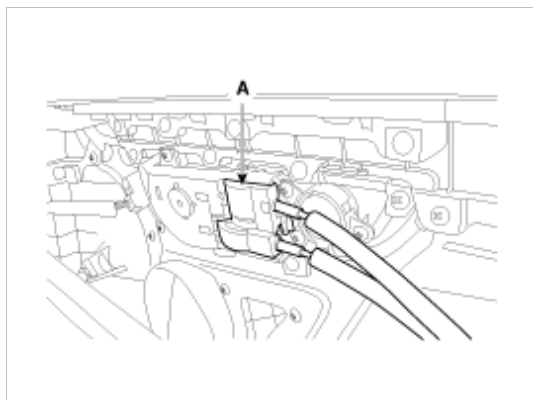
7.8 ~ 11.8 N.m (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)



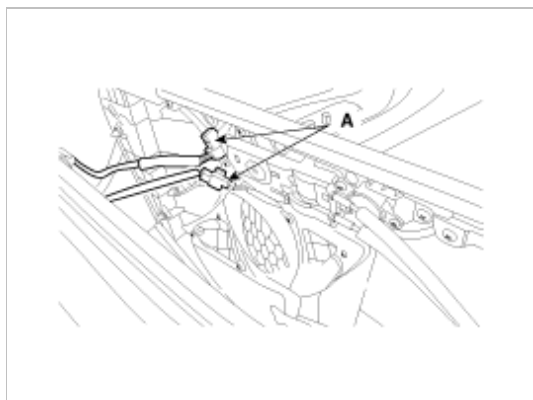
4. Using a screwdriver or remover, remove the front door inside handle cap (B).
5. After loosening the mounting screws, then remove the front door trim (A).



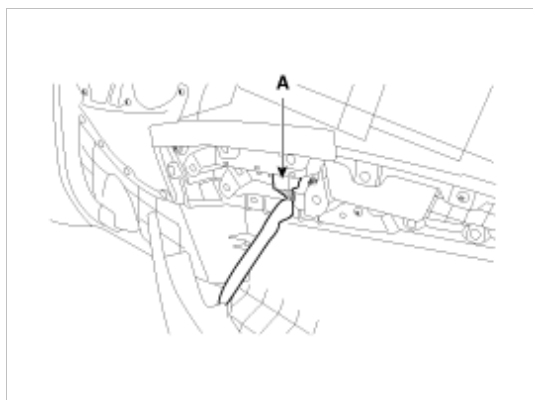
6. Disconnect the inside handle cage (A).



7. Disconnect the connectors (A).



8. Disconnect the power window connector (A).



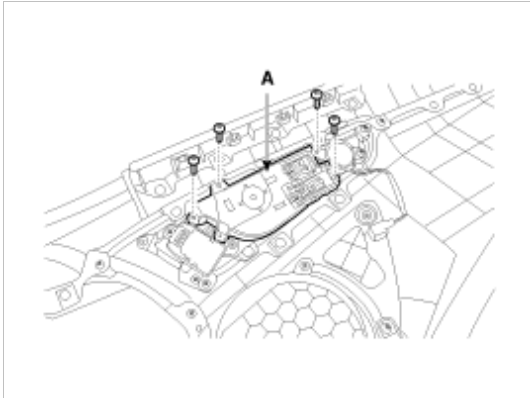
9. Installation is the reverse of removal.

#### NOTE

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

### Inside Handle Replacement

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



3. Installation is the reverse of removal.

#### NOTE

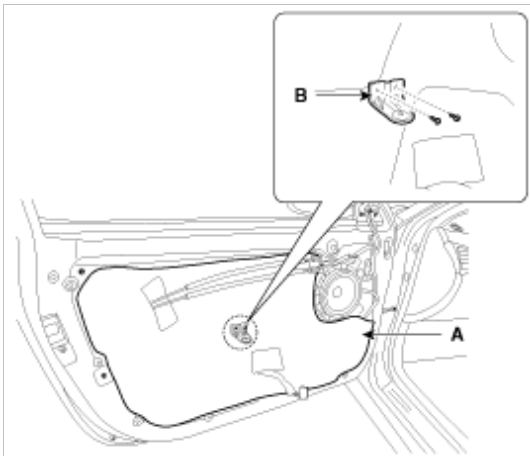
- Replace any damaged clips.
- Make sure the door lock and opens properly.

### Glass Replacement

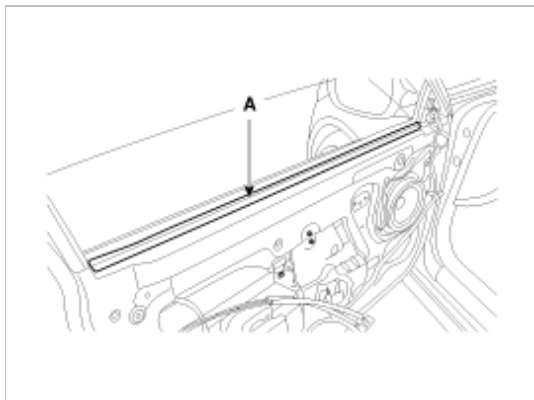
1. Remove the front door trim.
2. After loosening the mounting screws, then remove the front door trim seal mounting bracket (B).
3. Remove the front door trim seal (A).

#### NOTE

- Replace the door trim seal if it is damaged.



4. Remove the front door belt inside weatherstrip (A).



5. Remove the glass mounting hole plug.

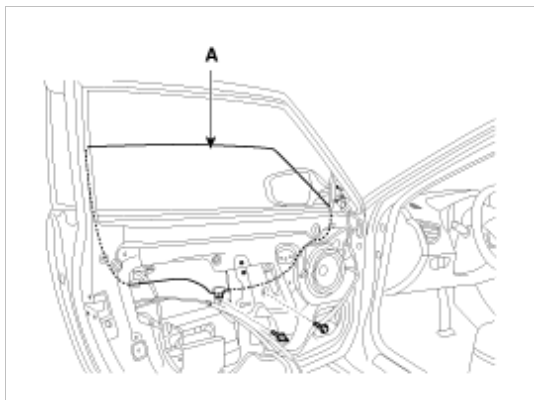
**CAUTION**

- Use the door switch to align the mounting hole/bolt with the hole in the door.
- If unable to operate the window motor, remove the motor and align the hole by hand.
- Be careful not to drop the glass and/or scratch the glass surface.

6. Carefully move the glass (A) until you can see the bolts, then loosen them. Separate the glass from the glass run and carefully pull the glass out through the window slot.

**Tightening torque :**

7.8 ~ 11.8 N.m (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)



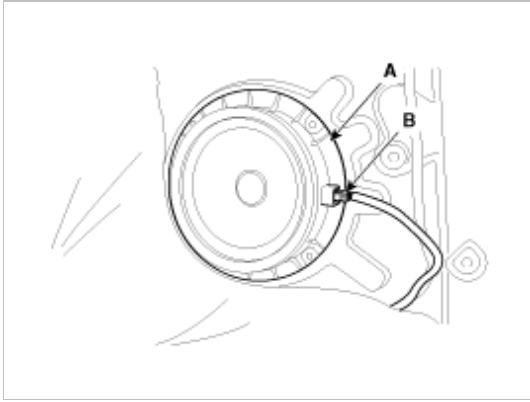
7. Installation is the reverse of removal.

**NOTE**

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

## Speaker Replacement

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



4. Installation is the reverse of removal

**NOTE**

- Use sheet metal screws to secure the speaker.
- Make sure connectors are connected properly and each rod is connected securely.
- Make sure the door locks/unlocks and opens/closes properly.
- Replace any damaged clips.

## Door Power Window Regulator Assembly Replacement

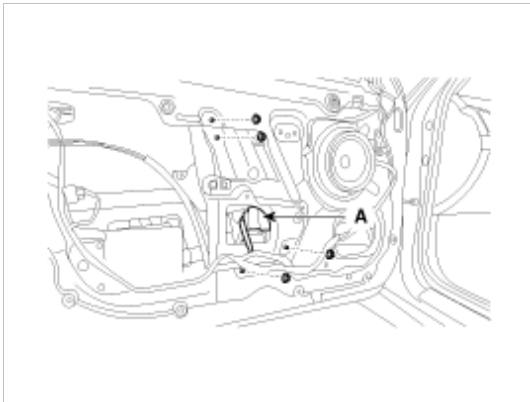
1. Remove the following items.
  - A. Front door trim
  - B. Front door trim seal
  - C. Front door glass
2. Loosen the front door power window regulator mounting nuts.
3. Disconnect the front door power window motor connector (A).

---

**Tightening torque :**

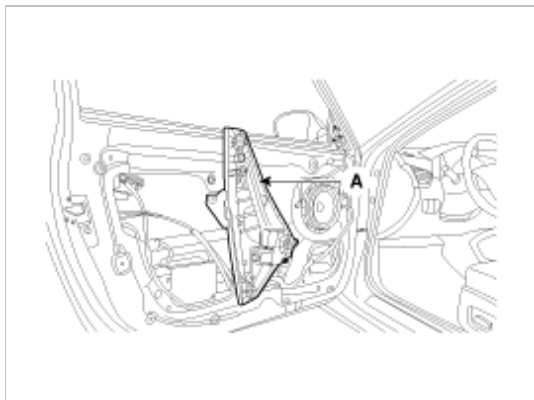
3.9 ~ 5.9N.m (0.4 ~ 0.6kgf.m, 2.9 ~ 4.3 lb-ft)

---



4. Remove the front door power window regulator assembly (A).





5. Installation is the reverse of removal.

#### NOTE

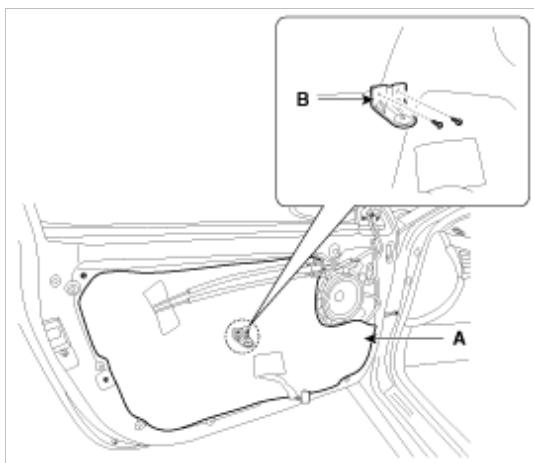
- Grease should be applied to areas where there is rotational parts and springs.
- Roll the glass up and down to see if it move freely without binding.
- Make sure the door locks and opens properly.

## Outside Handle Replacement

1. Remove the front door trim.
2. After loosening the mounting screws, then remove the front door trim seal mounting bracket (B).
3. Remove the front door trim seal (A).

#### NOTE

- Replace the door trim seal if it is damaged.



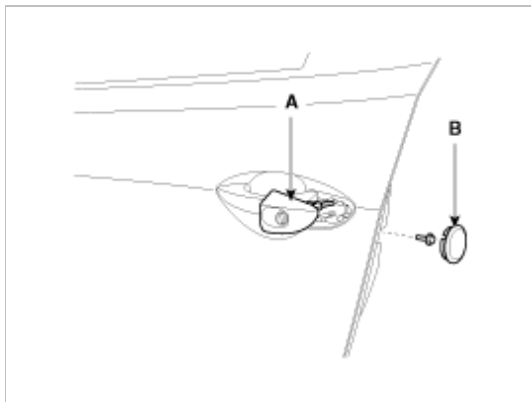
4. Remove the hole plug (B).
5. After loosening the mounting bolt, then remove the outside handle cover (A).

---

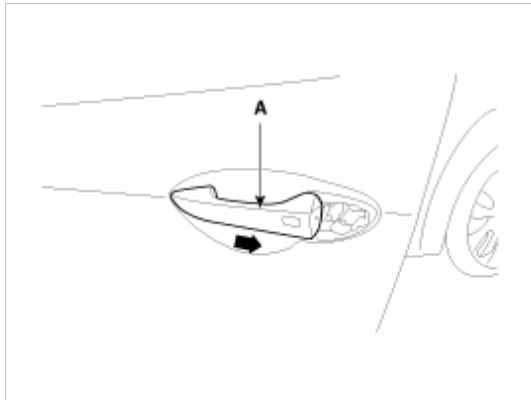
#### Tightening torque :

7.8 ~10.8N.m (0.8 ~ 1.1kgf.m, 5.8 ~ 8.0 lb-ft)

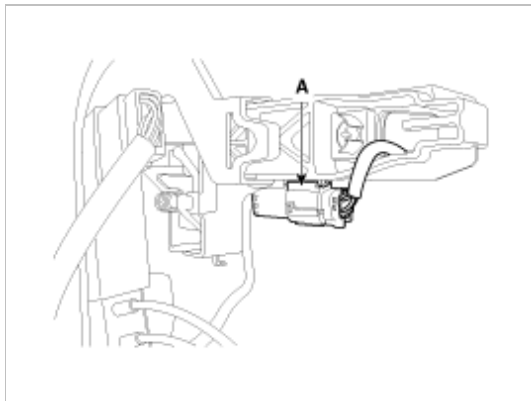
---



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



7. Disconnect the outside handle connector (A).



8. Installation is the reverse of removal.

**NOTE**

- Make sure the door locks and opens properly.

## Door Latch Replacement

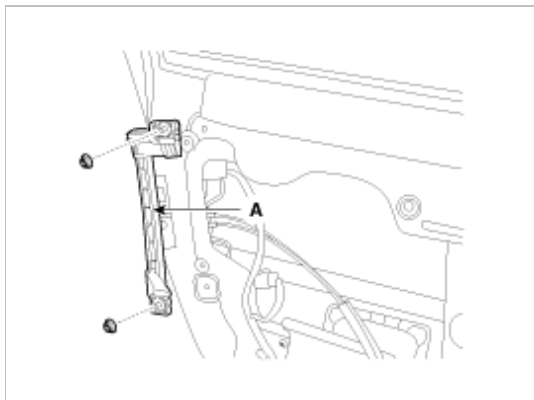
1. Remove the following items.
  - A. Front door trim
  - B. Front door trim seal
  - C. Outside handle
2. After loosening the mounting nuts, then remove the front door channel (A).

---

### Tightening torque :

3.9 ~ 5.9N.m (0.4 ~ 0.6kgf.m, 2.9 ~ 4.3 lb-ft)

---



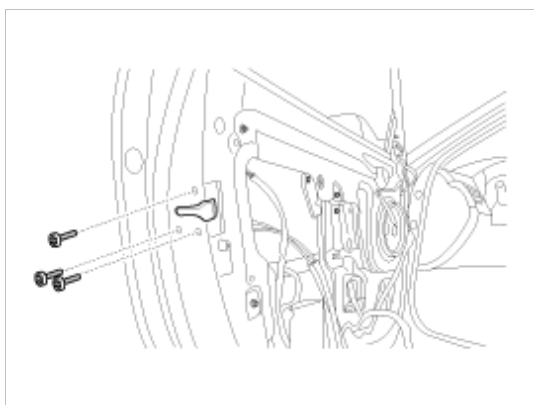
3. Loosen the front door latch mounting screws.

---

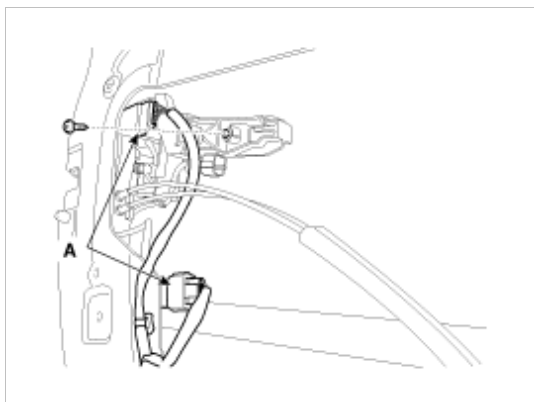
**Tightening torque :**

7.8 ~ 10.8N.m (0.8 ~ 1.1kgf.m, 5.8 ~ 8.0 lb-ft)

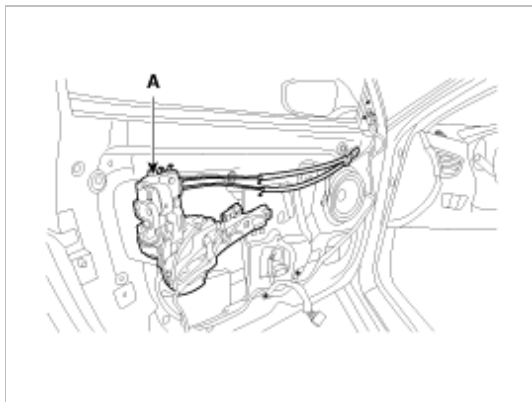
---



4. Loosen the outside handle base mounting screw.
5. Disconnect the front door latch connectors (A).



6. Remove the front door latch assembly (A).



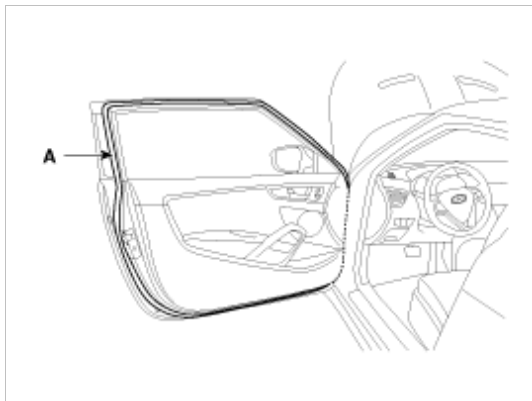
7. Installation is the reverse of removal.

#### NOTE

- Make sure the connector is connected properly.
- Make sure the door locks/unlocks and opens/closes properly.
- Replace any damaged clips.

## Door Side Weatherstrip Replacement

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



2. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

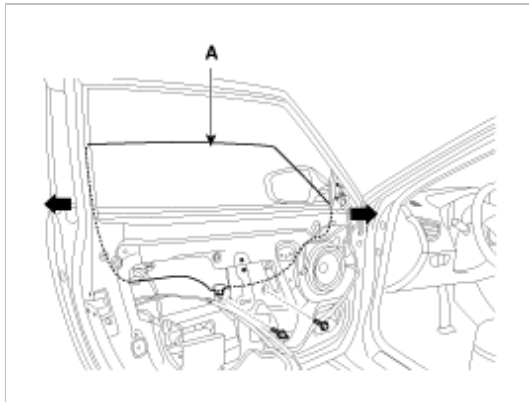
## Adjustment

### Glass Adjustment

#### NOTE

- Check the glass run channel for damage or deterioration, and replace as necessary.

1. Remove the front door trim.
2. Remove the front door trim seal.
3. Carefully move the glass (A) until you can see the glass mounting bolts, then loosen them.



4. Check that the glass moves smoothly.
5. Retighten glass.
6. Reassemble in the reverse of removal.

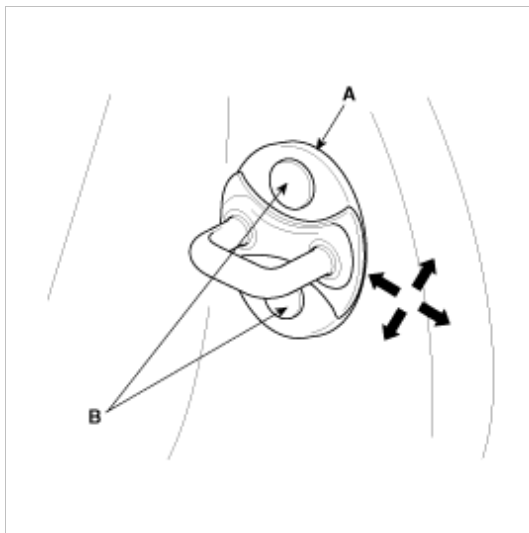
## Door Striker Adjustment

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

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

### Tightening torque:

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



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

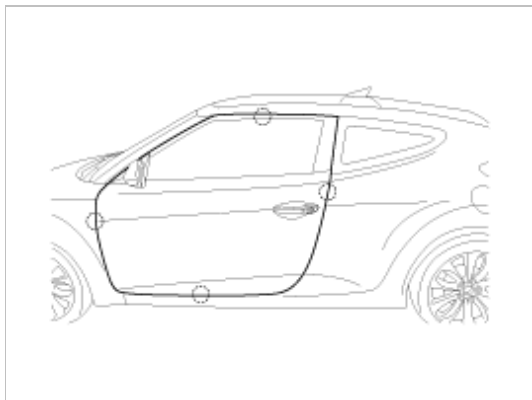
## Door Position Adjustment

### NOTE

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

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





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

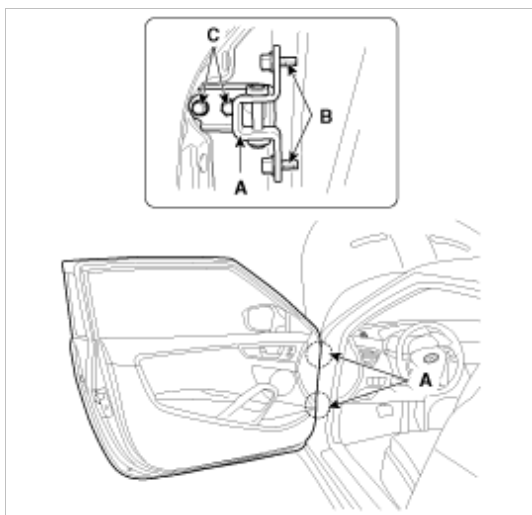
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**Tightening torque :**

**(B) :** 21.6 ~ 26.5 N.m (2.2 ~ 2.7 kgf.m, 15.9 ~ 19.5 lb-ft)

**(C) :** 34.3 ~ 41.2 N.m (3.5 ~ 4.2 kgf.m, 25.3 ~ 30.4 lb-ft)

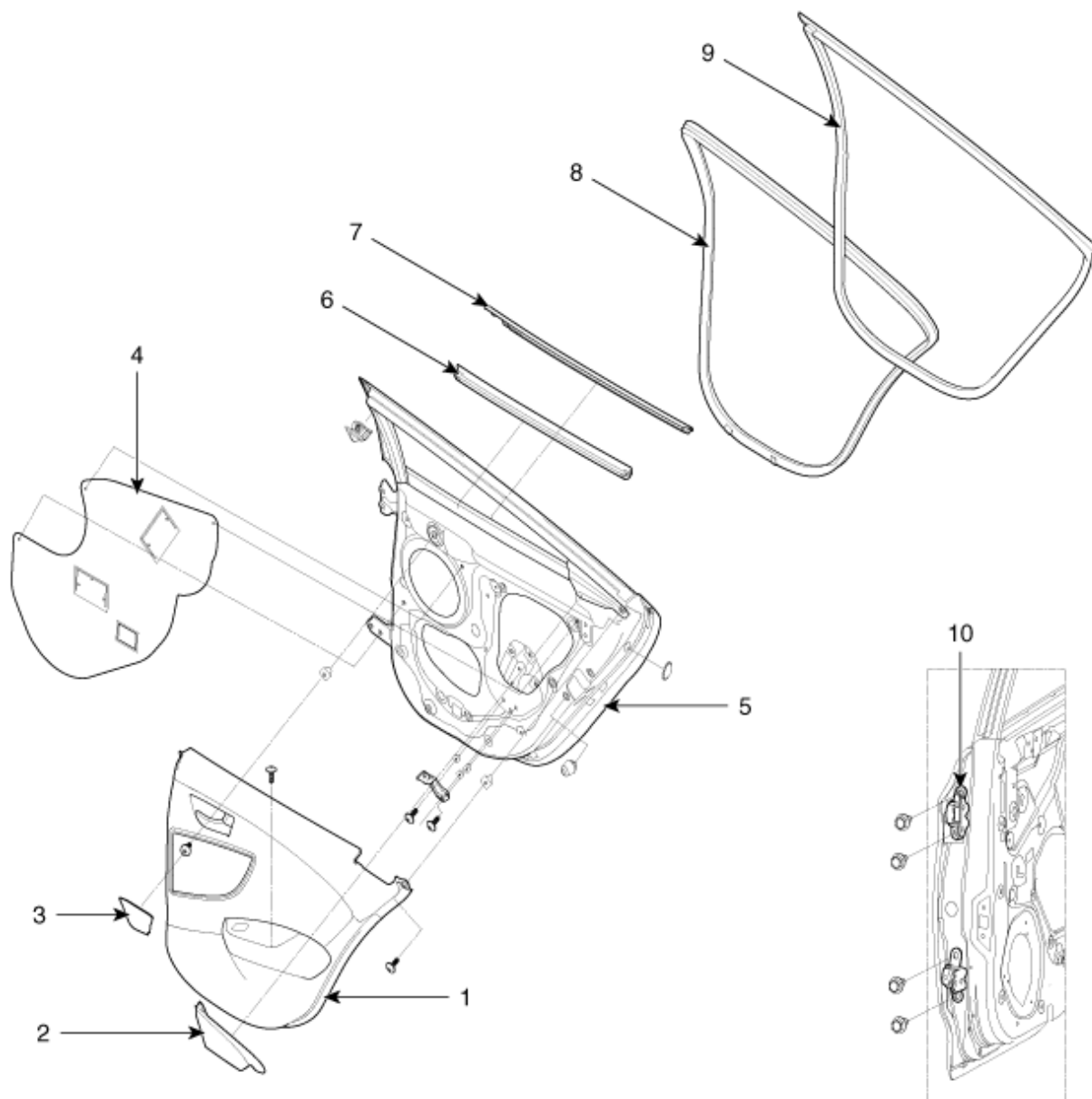
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4. Grease the pivot portions of the hinges indicated.
5. Check for water leaks.

**Body (Interior and Exterior) > Exterior > Rear Door > Components and Components Location**

**Components**



1. Rear door trim
2. Rear door delta inner cover
3. Rear door inside handle cap
4. Rear door trim seal
5. Rear door panel assembly

6. Rear door belt inside weatherstrip
7. Rear door belt outside weatherstrip
8. Rear door body side weatherstrip
9. Rear door side weatherstrip
10. Rear door hinge

## Body (Interior and Exterior) > Exterior > Rear Door > Repair procedures

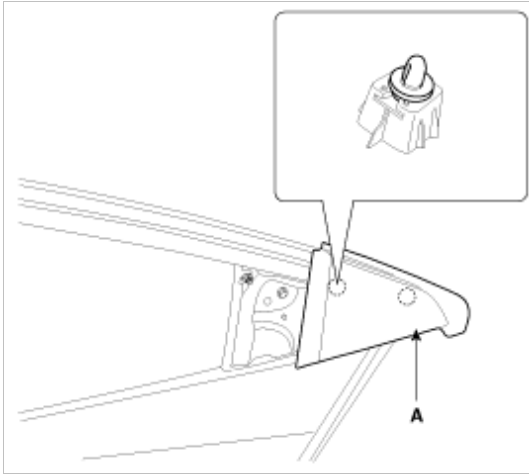
### Replacement

#### Door Trim Replacement

**CAUTION**

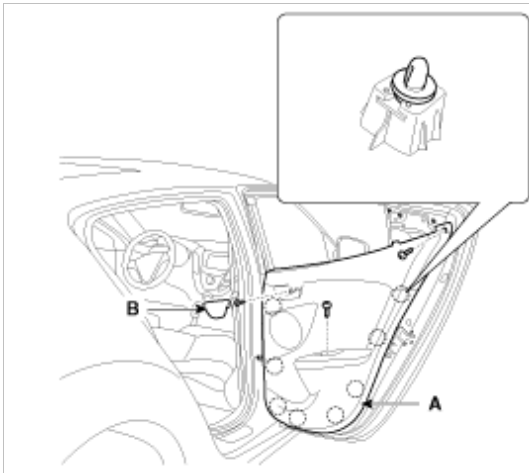
- Take care not to scratch the door trim and other parts.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the rear door delta inner cover (A).

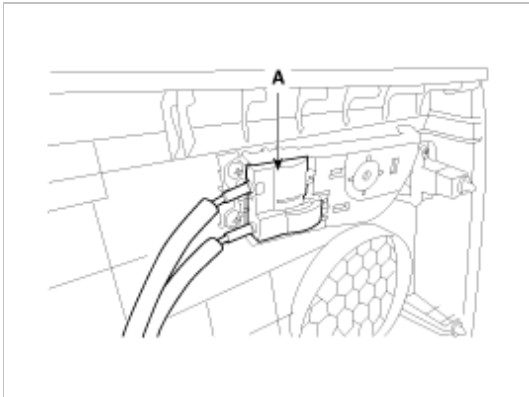


2. Using a screwdriver or remover, remove the rear door inside handle cap (B).

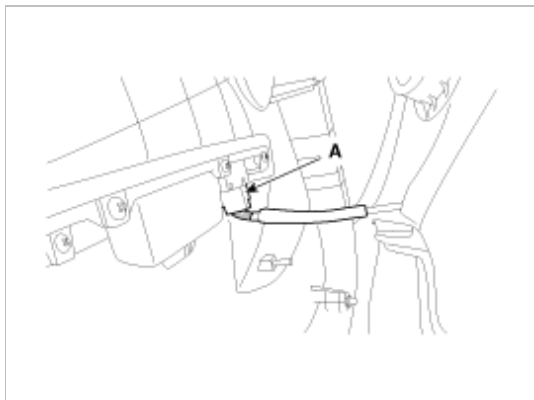
3. After loosening the mounting screws, then remove the rear door trim (A).



4. Disconnect the inside handle cage (A).



5. Disconnect the power window connector (A).



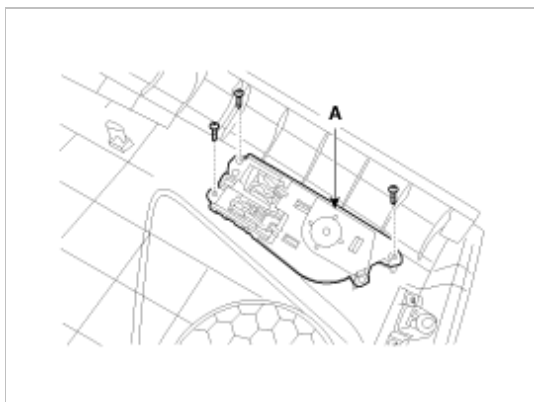
6. Installation is the reverse of removal.

#### NOTE

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

## Inside Handle Replacement

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



3. Installation is the reverse of removal.

#### NOTE

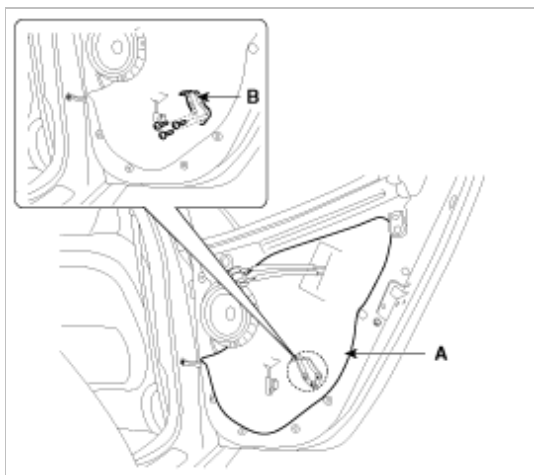
- Replace any damaged clips.
- Make sure the door lock and opens properly.

## Glass Replacement

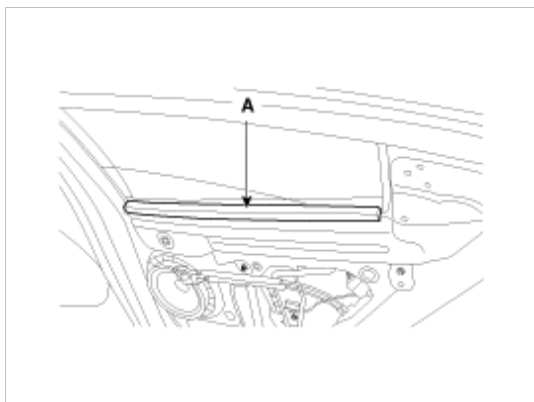
1. Remove the following items.
  - A. Rear door delta inner cover
  - B. Rear door trim
2. After loosening the mounting screws, then remove the rear door trim seal mounting bracket (B).
3. Remove the rear door trim seal (A).

#### NOTE

- Replace the door trim seal if it is damaged.



4. Remove the rear door belt inside weatherstrip (A).



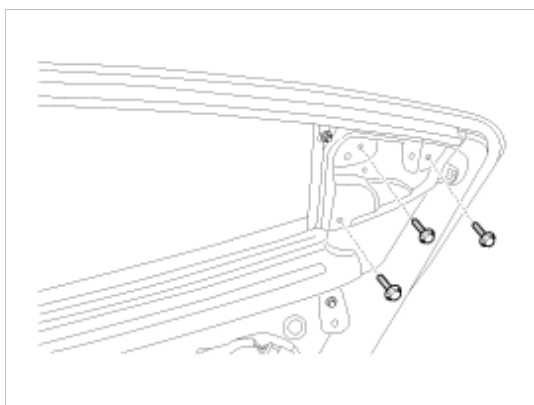
5. Loosen the rear door outside handle mounting bolts.

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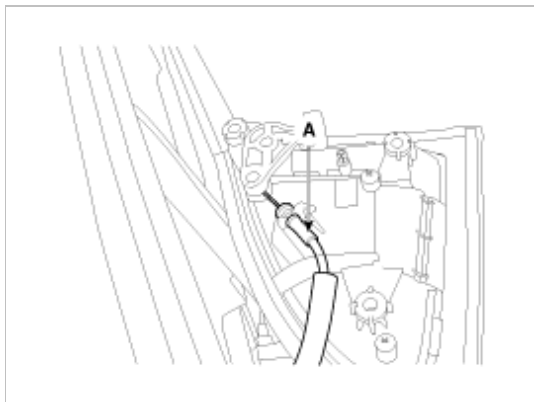
**Tightening torque :**

7.8 ~ 11.8N.m (0.8 ~ 1.2kgf.m, 5.8 ~ 8.7lb-ft)

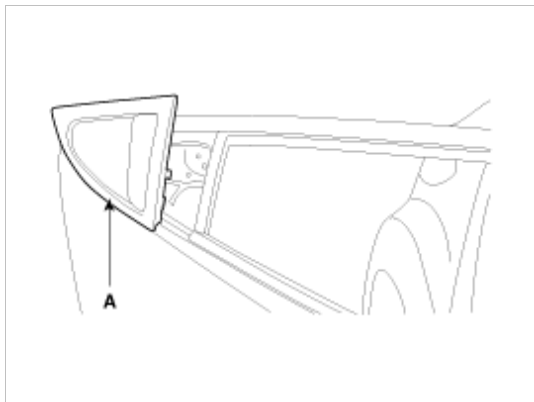
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6. Disconnect the rear door outside handle cable (A).



7. Remove the rear door outside handle (A).



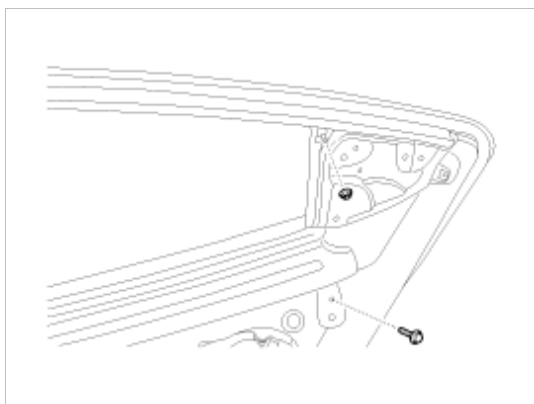
8. Loosen the rear door channel mounting bolt and nut.

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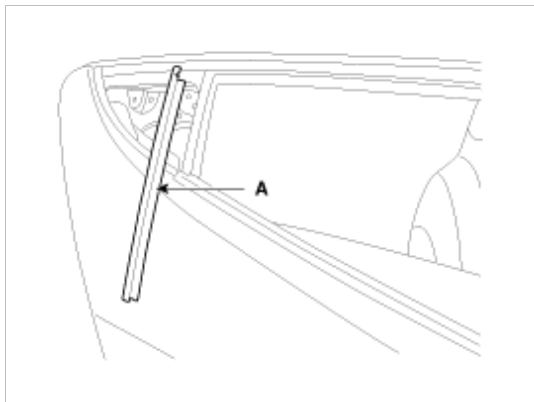
**Tightening torque :**

3.9 ~ 5.9N.m (0.4 ~ 0.6kgf.m, 2.9 ~ 4.3 lb-ft)

---



9. Remove the rear door channel (A).





10. Remove the glass mounting hole plug.

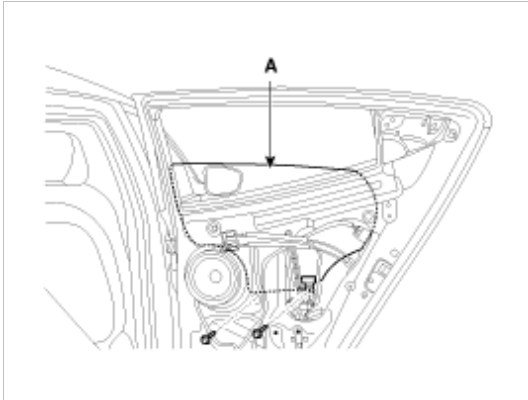
**CAUTION**

- Use the door switch to align the mounting hole/bolt with the hole in the door.
- If unable to operate the window motor, remove the motor and align the hole by hand.
- Be careful not to drop the glass and/or scratch the glass surface.

11. Carefully move the glass (A) until you can see the bolts, then loosen them. Separate the glass from the glass run and carefully pull the glass out through the window slot.

**Tightening torque :**

7.8 ~ 11.8N.m (0.8 ~ 1.2kgf.m, 5.8 ~ 8.7lb-ft)



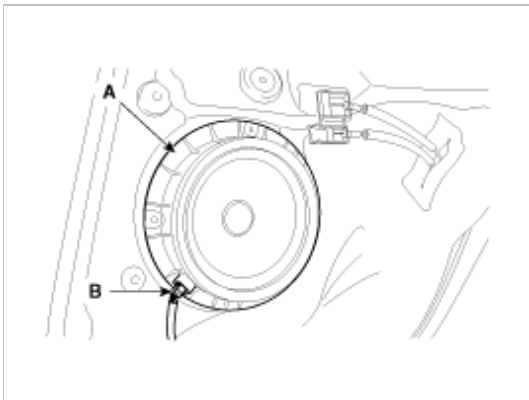
12. Installation is the reverse of removal.

**NOTE**

- A. Roll the glass up and down to see if it moves freely without binding.
- B. Adjust the glass position as needed.
- C. Replace any damaged clips.

## Speaker Replacement

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



4. Installation is the reverse of removal.

**NOTE**

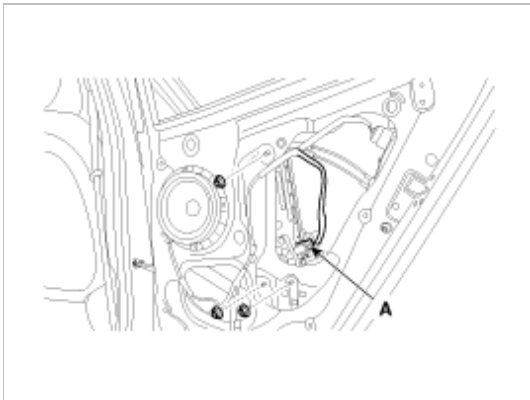
- Use sheet metal screws to secure the speaker.
- Make sure the connector are connected properly and each rod is connected securely.
- Make sure the door lock and opens properly.
- Replace any damaged clips.

## Door Power Window Regulator Assembly Replacement

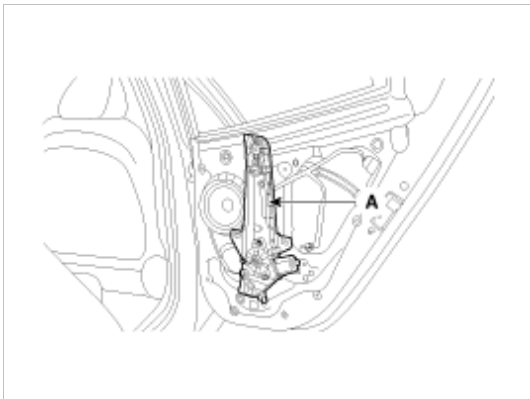
1. Remove the following items.
  - A. Rear door trim
  - B. Rear door trim seal
  - C. Rear door glass
2. Loosen the rear door power window regulator mounting nuts.
3. Disconnect the rear door power window motor connector (A).

### Tightening torque :

3.9 ~ 5.9N.m (0.4 ~ 0.6kgf.m, 2.9 ~ 4.3 lb-ft)



4. Remove the rear door power window regulator assembly (A).



5. Installation is the reverse of removal.

### NOTE

- Grease should be applied to areas where there is rotational parts and springs.
- Roll the glass up and down to see if it move freely without binding.

## Outside Handle Replacement

1. Remove the following items.
  - A. Rear door delta inner cover
  - B. Rear door trim

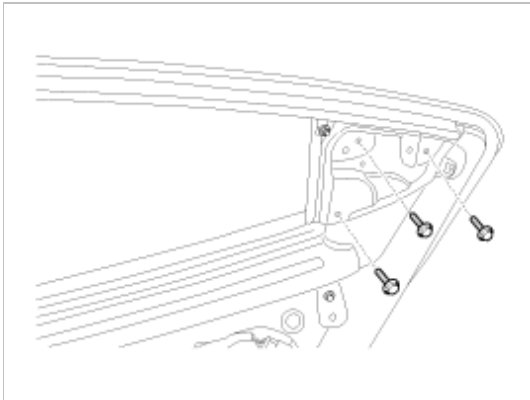
2. Loosen the rear door outside handle mounting bolts.

---

**Tightening torque :**

7.8 ~ 11.8N.m (0.8 ~ 1.2kgf.m, 5.8 ~ 8.7 lb-ft)

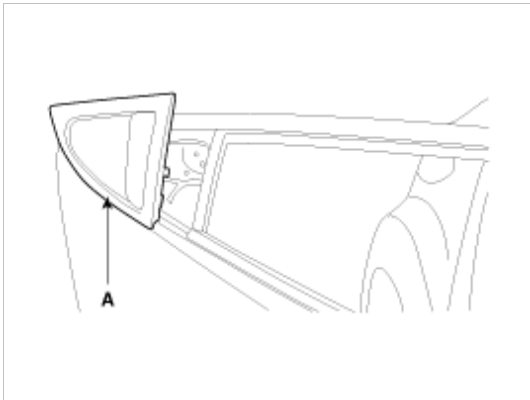
---



3. Disconnect the rear door outside handle cable (A).



4. Remove the rear door outside handle (A).



5. Installation is the reverse of removal.

**NOTE**

- Make sure the door locks/unlocks and opens/closes properly.
- Replace any damaged clips.

**Door Latch Replacement**

1. Remove the following items.
  - A. Rear door delta inner cover
  - B. Rear door trim

- C. Rear door trim seal
- D. Outside handle

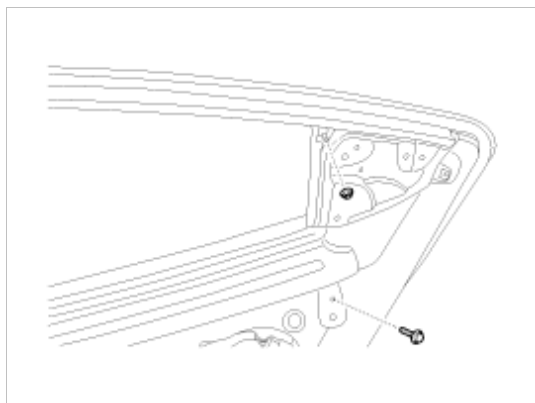
2. Loosen the rear door channel mounting bolt and nut.

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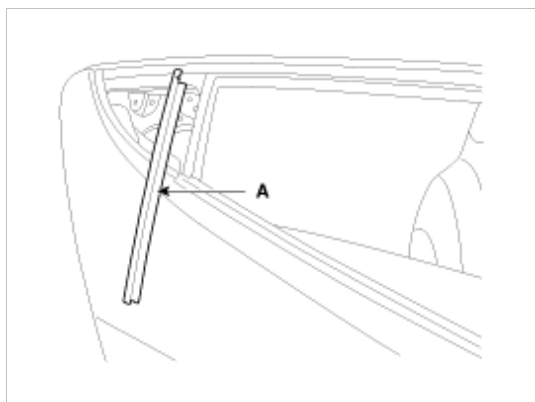
**Tightening torque :**

3.9 ~ 5.9N.m (0.4 ~ 0.6kgf.m, 2.9 ~ 4.3 lb-ft)

---



3. Remove the rear door channel (A).



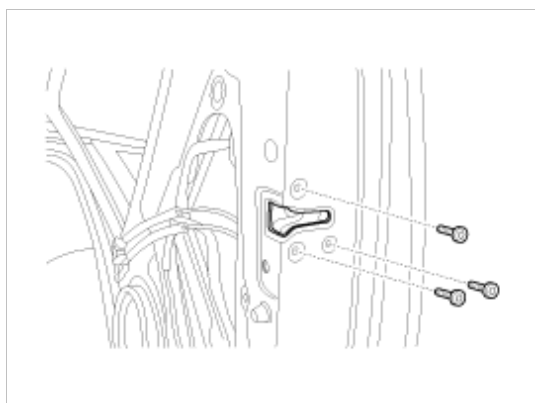
4. Loosen the rear door latch mounting screws.

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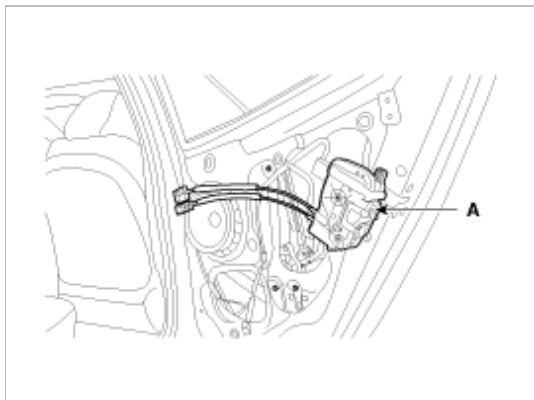
**Tightening torque :**

7.8 ~ 10.8N.m (0.8 ~ 1.1kgf.m, 5.8 ~ 8.0lb-ft)

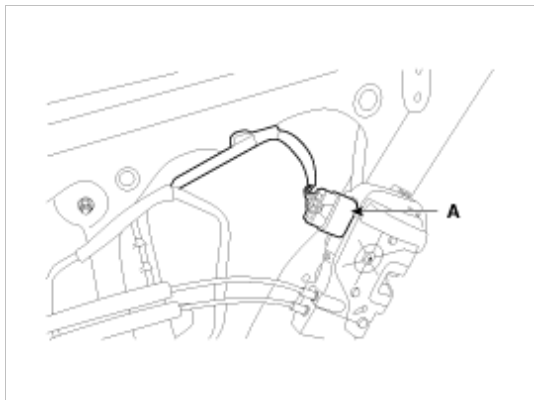
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5. Remove the rear door latch assembly (A).



6. Disconnect the rear door latch connector (A).



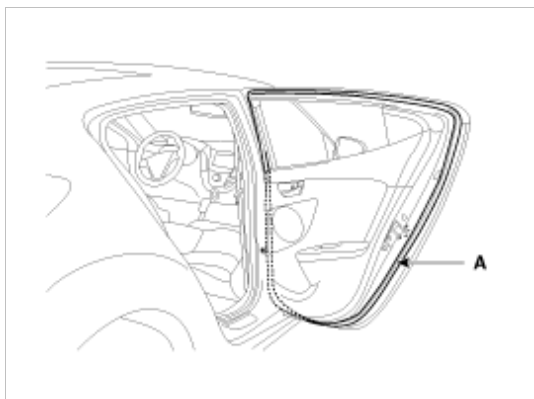
7. Installation is the reverse of removal.

#### NOTE

- Make sure the connector is connected properly.
- Make sure the door locks/unlocks and opens/closes properly.
- Replace any damaged clips.

## Door Side Weatherstrip Replacement

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



2. Installation is the reverse the removal.

#### NOTE

- Replace any damaged clips.

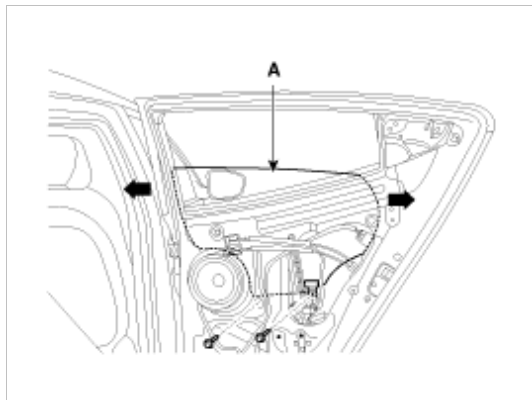
## Adjustment

### Glass Adjustment

#### NOTE

- Check the glass run channel for damage or deterioration, and replace them if necessary.

1. Remove the following items.
  - A. Rear door delta inner cover
  - B. Rear door trim
  - C. Rear door trim seal
2. Carefully move the glass (A) until the glass mounting bolts are visible, then loosen them.



3. Check that the glass moves smoothly.

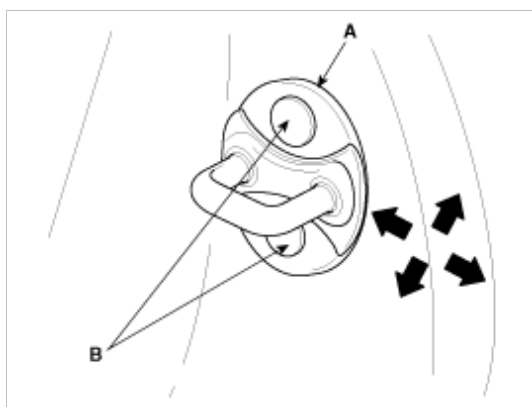
### Door Striker Adjustment

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

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

#### Tightening torque:

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



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

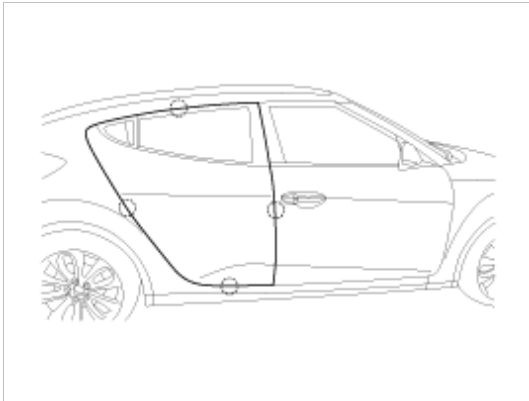
### Door Position Adjustment



## NOTE

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

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

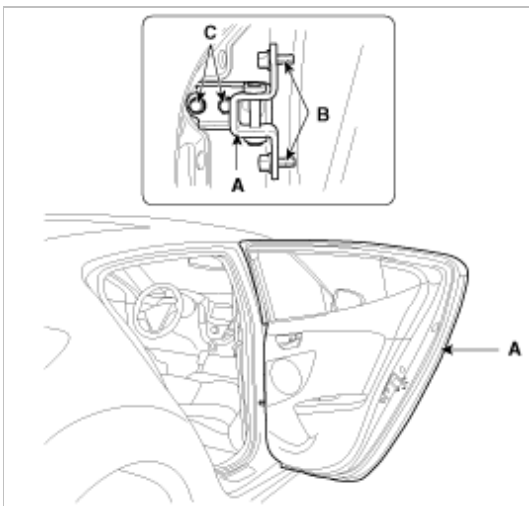


2. Place the vehicle on a firm, level surface when adjusting the doors.
3. Adjust at the hinges (A) :
  - A. Loosen the door mounting bolts slightly, and move the door in or out until it aligns flush with the body.
  - B. Loosen the hinge mounting bolts slightly, and move the door backward or forward,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

## Tightening torque :

(B) : 21.6 ~ 26.5 N.m (2.2 ~ 2.7 kgf.m, 15.9 ~ 19.5 lb-ft)

(C) : 34.3 ~ 41.2 N.m (3.5 ~ 4.2 kgf.m, 25.3 ~ 30.4 lb-ft)



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

## Body (Interior and Exterior) > Exterior > Body Side Moldings > Repair procedures

### Replacement

### Roof Garnish Replacement

## [General Type]

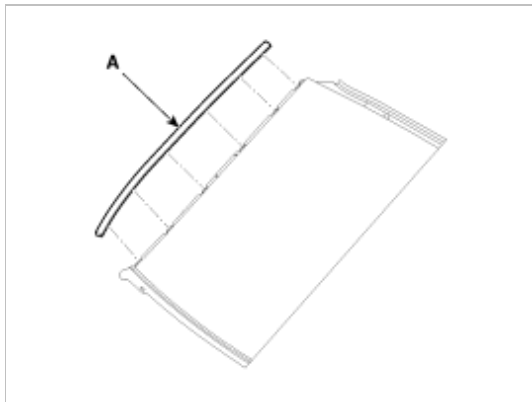
### CAUTION

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

1. Using a screwdriver or remover, remove the roof garnish (A).

### NOTE

- Replace any damaged roof garnish.



2. Installation is the reverse of removal.

### NOTE

- Replace any damaged clips.

## Roof Garnish Replacement

### [Panoramarroof Type]

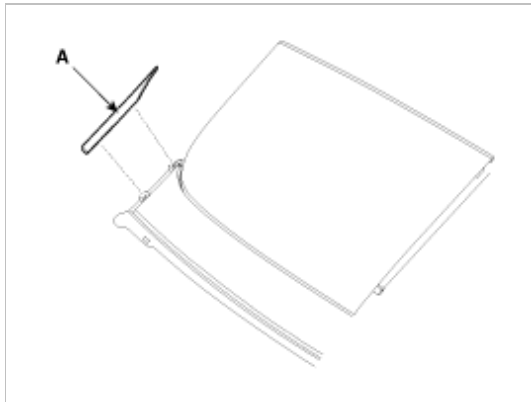
### CAUTION

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

1. Open the movable glass fully.
2. Using a screwdriver or remover, remove the roof garnish (A).

### NOTE

- Replace any damaged roof garnish.



3. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

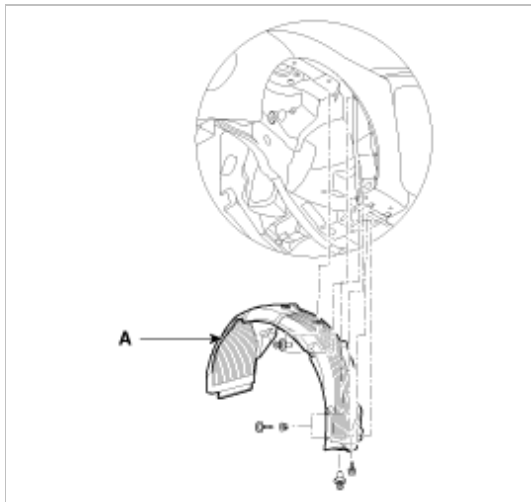
## Front Wheel Guard Replacement

#### CAUTION

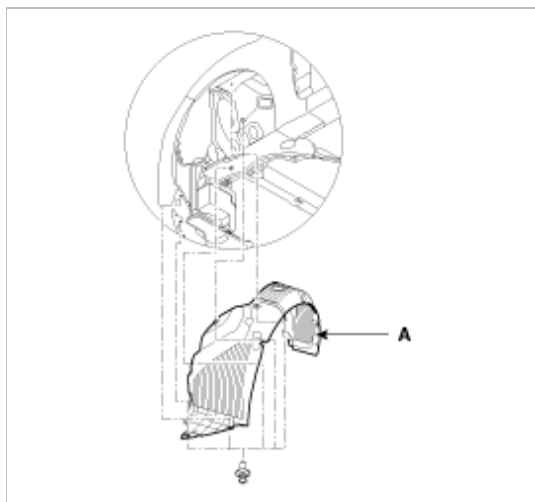
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.

1. Remove the front tire.
2. After loosening the mounting clips and screws, then remove the front wheel guard (A).

[LH]



[RH]



3. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

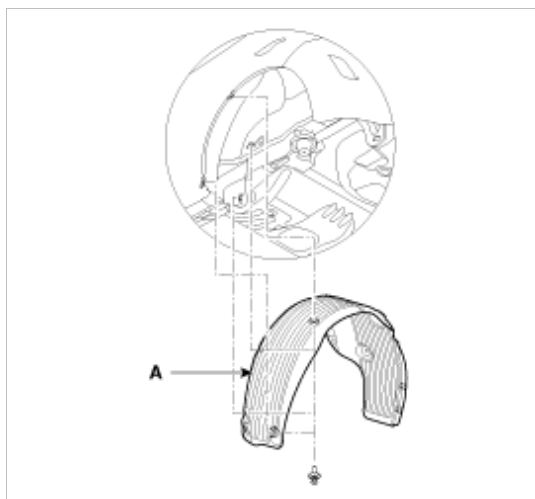
## Rear Wheel Guard Replacement

#### CAUTION

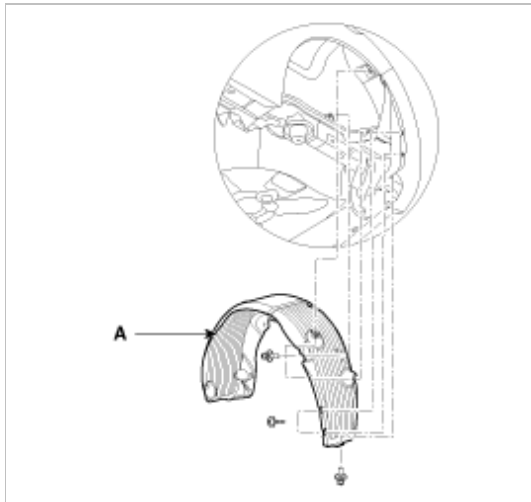
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage
- Put on gloves to protect your hands.
- Take care not to scratch the body surface.

1. Remove the rear tire.
2. After loosening the mounting clips and screws, then remove the rear wheel guard (A).

[LH]



[RH]



3. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

## Hood Garnish Replacement

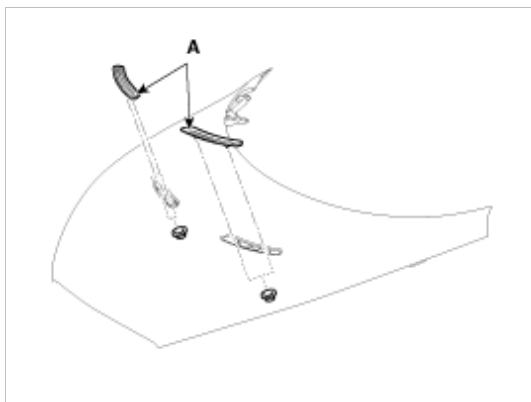
#### CAUTION

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

1. Remove the hood insulator pad.  
(Refer to the BD group – “Hood”)
2. After loosening the mounting nuts, then remove the hood garnish (A).

#### Tightening torque :

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



3. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

## A Pillar Garnish Replacement

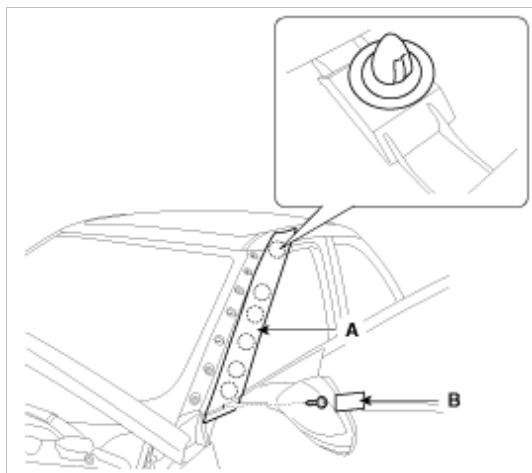
### CAUTION

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

1. To remove the A pillar garnish (A), loosen the mounting screw after removing the cap (B).

### Tightening torque :

0.5 ~ 1.0N.m (0.05 ~ 0.1kgf.m, 0.4 ~ 0.7 lb-ft)



2. Installation is the reverse of removal.

### NOTE

- Replace any damaged clips.

## Quarter Fixed Glass & Molding Replacement

### CAUTION

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

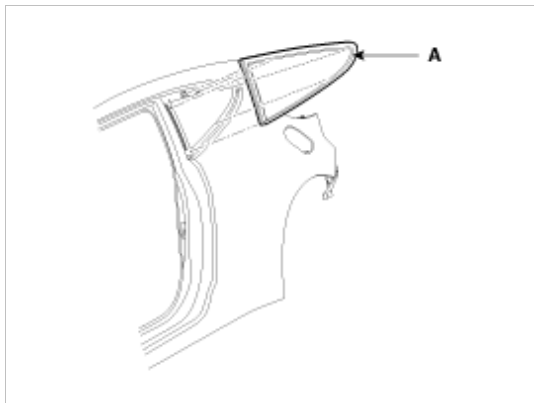
1. Remove the following items.
  - A. Rear seat  
(Refer to the BD group - "Rear Seat")
  - B. Front seat belt lower anchor  
(Refer to the BD group - "Front Seat Belt")
  - C. Front door scuff trim  
(Refer to the BD group - "Interior Trim")
  - D. Center pillar lower trim  
(Refer to the BD group - "Interior Trim")
  - E. Center pillar upper trim  
(Refer to the BD group - "Interior Trim")
  - F. Luggage side trim  
(Refer to the BD group - "Interior Trim")

- G. Rear pillar trim  
(Refer to the BD group - "Interior Trim")

2. After loosening the mounting nuts, then remove the quarter fixed glass & molding (A).

**Tightening torque :**

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



3. Installation is the reverse of removal.

**NOTE**

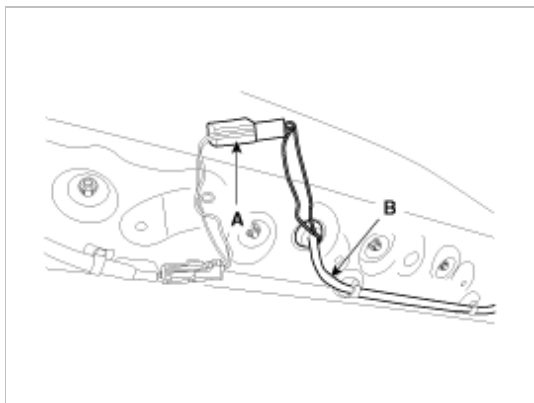
- Replace any damaged clips.

## Rear Spoiler Replacement

**CAUTION**

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

1. Remove the following items.
- A. Tail gate frame upper trim & Tail gate center trim  
(Refer to the BD group - "Tail Gate")
  - B. Tail gate trim  
(Refer to the BD group - "Tail Gate")
  - C. Tail gate frame side trim  
(Refer to the BD group - "Tail Gate")
2. Disconnect the washer nozzle (B) and high mounted stop lamp connector (A).

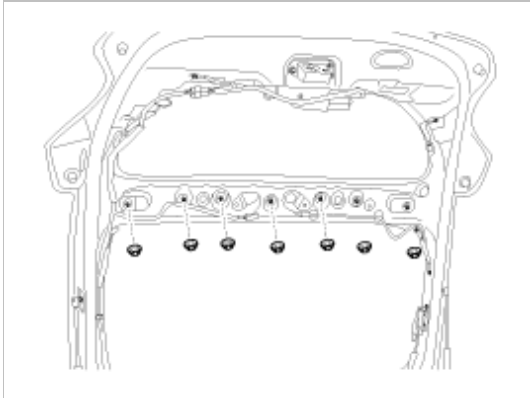




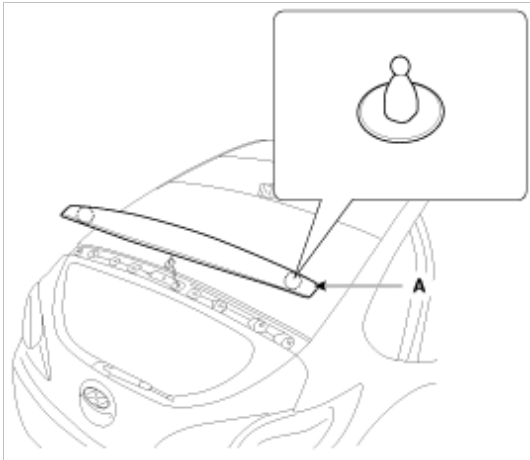
3. Loosen the rear spoiler mounting nuts.

Tightening torque :

5.9 ~ 6.4 N.m (0.6 ~ 0.65 kgf.m, 4.3 ~ 4.7 lb-ft)



4. Remove the rear spoiler (A).



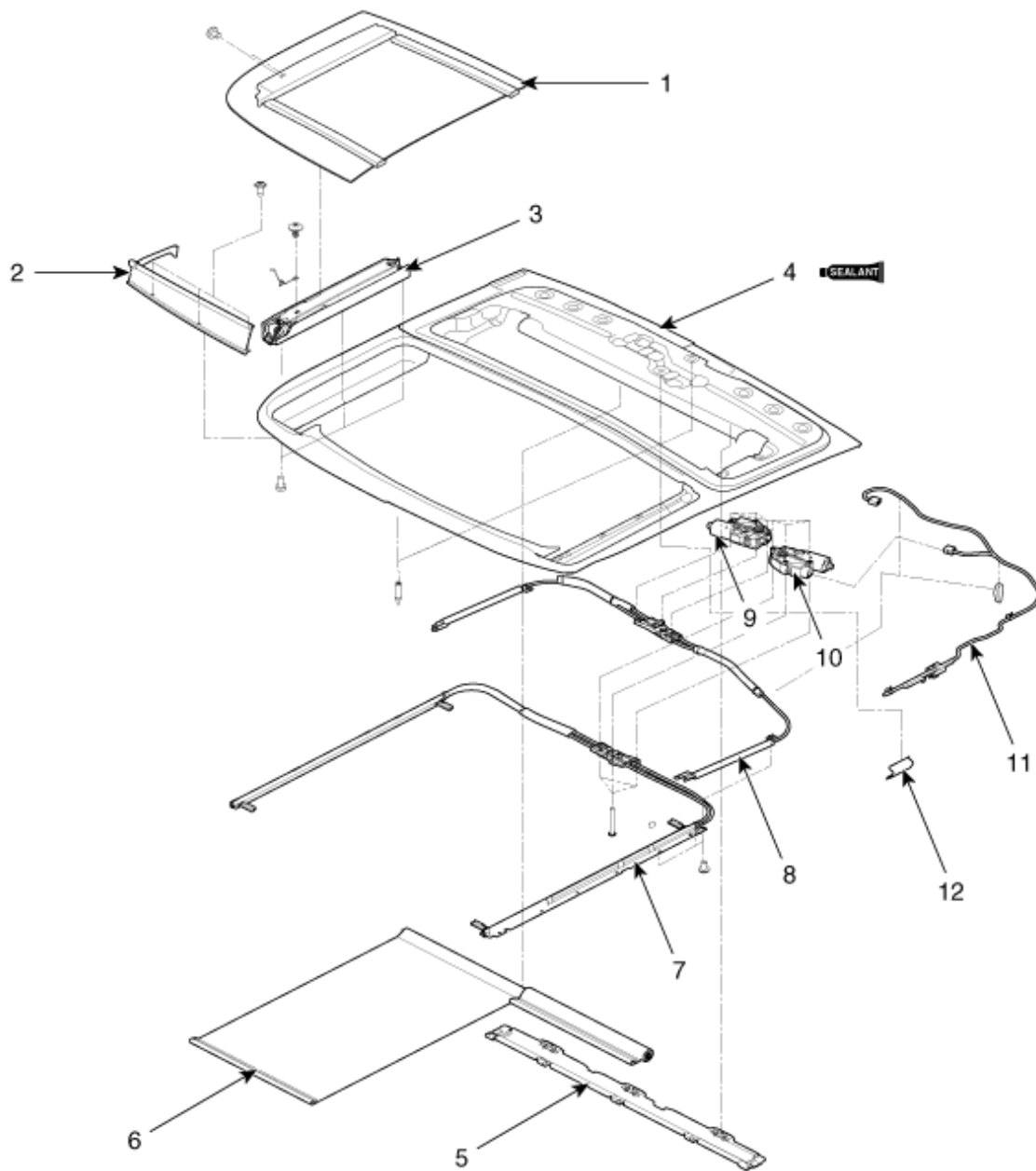
5. Installation is the reverse of removal.

**NOTE**

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

**Body (Interior and Exterior) > Exterior > Panoramaroof > Components and Components Location**

**Components**



1. Movable glass assembly
2. Wind deflector assembly
3. Mechanism rail assembly
4. Panoramaroof frame assembly
5. Roller blind support lower assembly
6. Roller blind assembly

7. Roller blind rail assembly
8. Glass drive unit assembly
9. Movable glass motor assembly
10. Roller blind motor assembly
11. Harness assembly
12. Cover tape

## Body (Interior and Exterior) > Exterior > Panoramaroof > Repair procedures

### Replacements

#### Movable glass Replacement

1. Open the movable glass fully.

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

**CAUTION**

- Do not damage the screws.



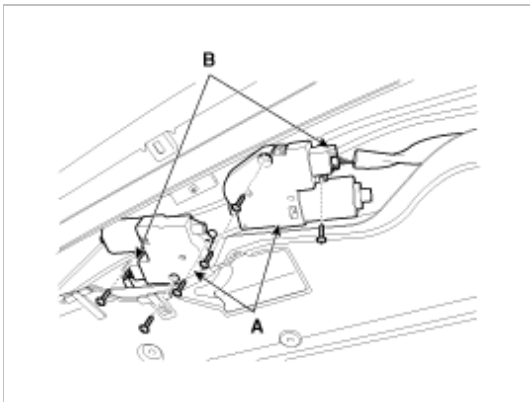
3. Installation is the reverse of removal.

## Motor Replacement

**CAUTION**

- Confirm the position of guide whether it is closed or not when you remove the motor.

1. Remove the roof trim.  
(Refer to the BD group - "Roof Trim")
2. Disconnect the motor connectors (B), remove the screws and then remove the motors (A).



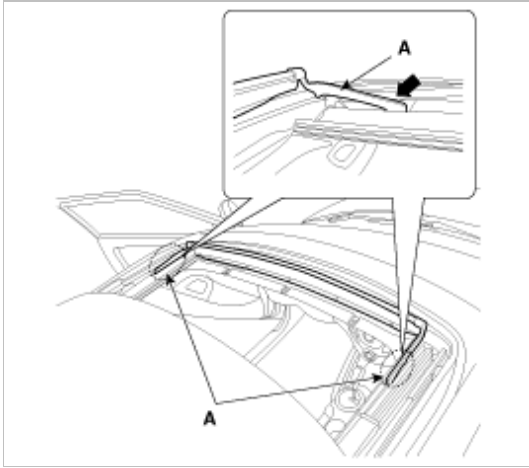
3. Installation is the reverse of removal.

**CAUTION**

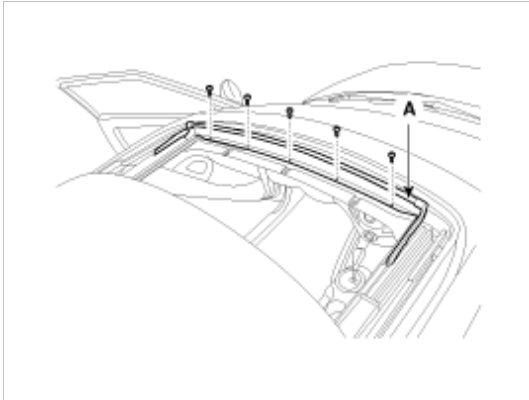
- Make sure to initialize the motor.

## Wind deflector Replacement

1. Open the movable glass fully.
2. Remove the wind deflector mounting bracket (A) as arrow.



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

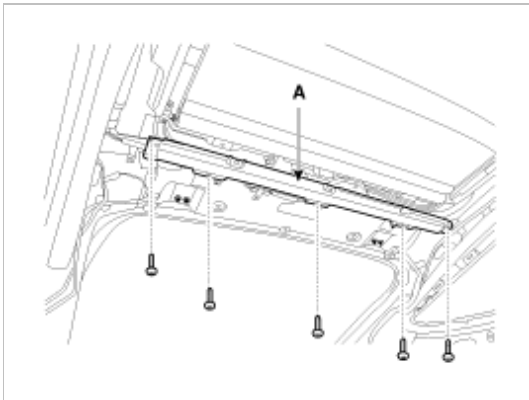


4. Installation is the reverse of removal.

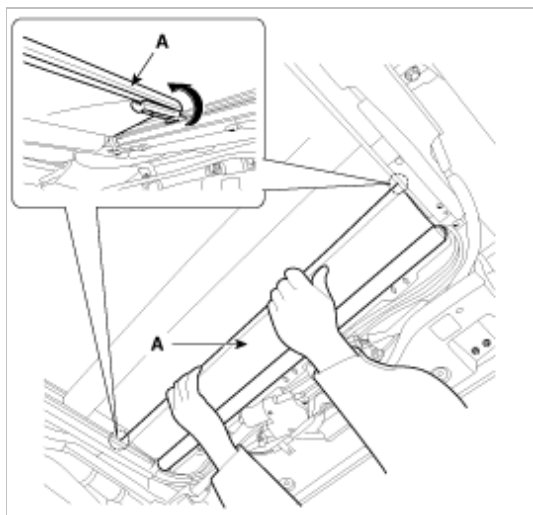
## Roll Blind Replacement

### [Removal]

1. Remove the roof trim.  
(Refer to the BD group - "Roof Trim")
2. After loosening the mounting screws, then remove the roll blind support lower assembly (A).

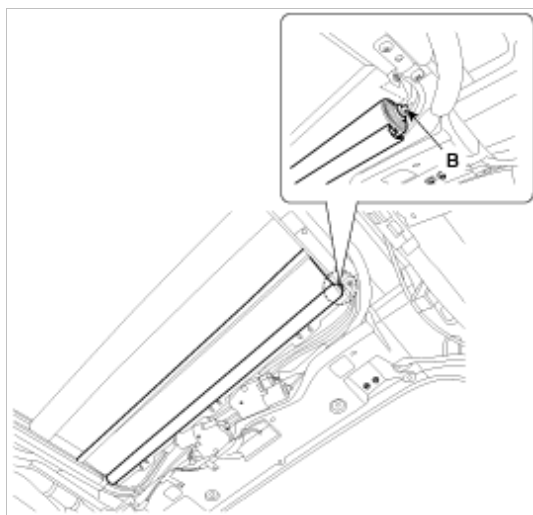


3. Remove the roll blind (A) by pulling it at a right angle.



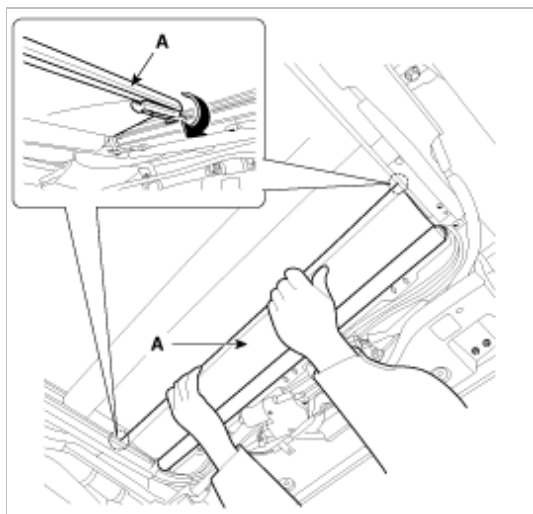
**CAUTION**

- When you removing it, be care of that an edge (B) is dashed against the frame of vehicle because the roll blind tension loses.



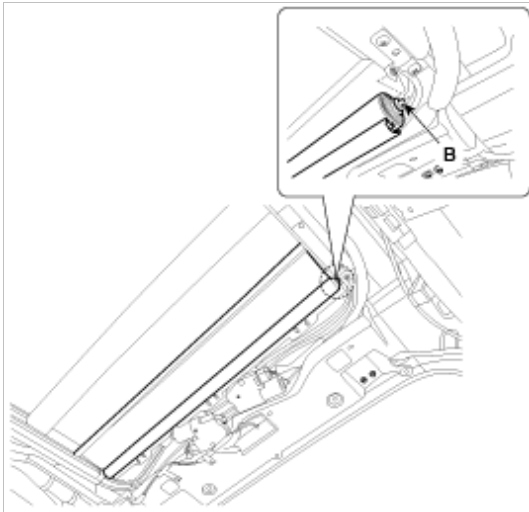
**[Installation]**

1. Installation is the roll blind (A).



#### CAUTION

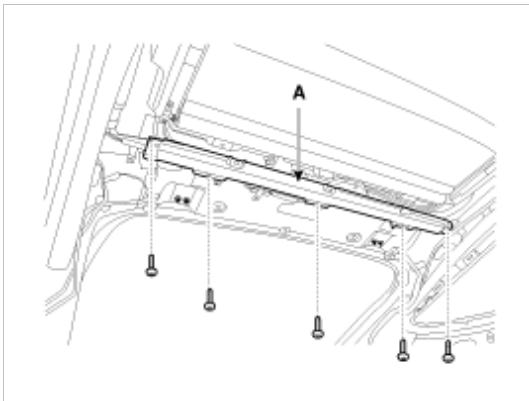
- When you install it, be care of that an edge (B) is dashed against the frame of vehicle because the roll blind tension loses.



#### NOTE

- When the tension of roll blind is removed, Push an edge (B), Turn it counterclockwise 19~21, Install it by removing the push.

2. Install the screws to the roll blind support lower assembly (A).



3. Install the roof trim.  
(Refer to the BD group - "Roof Trim")

## Panoramaroof Assembly Replacement

### [Removal]

1. Remove the following items :
  - A. Front seat  
(Refer to the BD group - "Front Seat")
  - B. Rear seat  
(Refer to the BD group - "Rear Seat")
  - C. Interior trim  
(Refer to the BD group - "Interior Trim")
  - D. Roof trim  
(Refer to the BD group - "Interior Trim")
  - E. Tail gate

(Refer to the BD group - "Tail Gate")

F. Roof antenna

(Refer to the BE group - "AVN Head Unit")

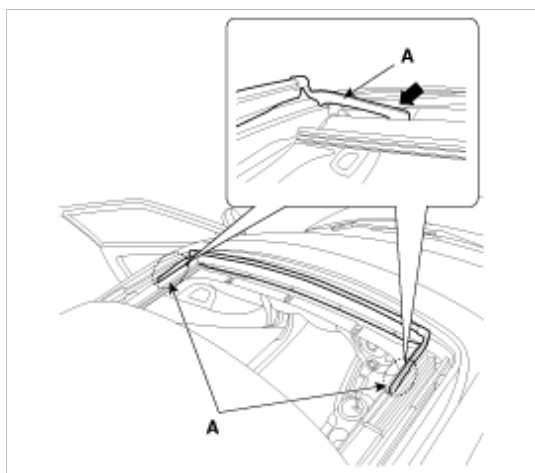
2. Open the movable glass fully.
3. After loosening the mounting screws, then remove the movable glass (A).

**CAUTION**

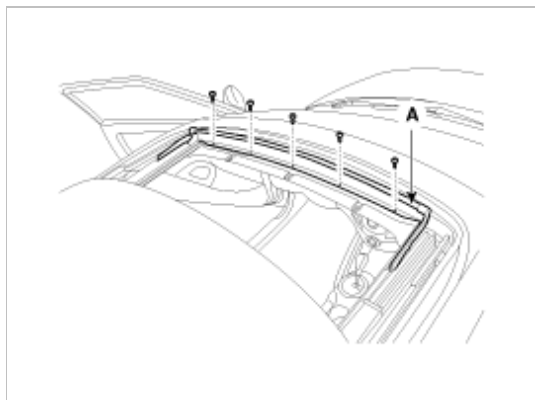
- Do not damage the screws.



4. Remove the wind deflector mounting bracket (A) as arrow.



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



6. Loosen the panoramaroof mounting nuts (A).



**Tightening torque :**

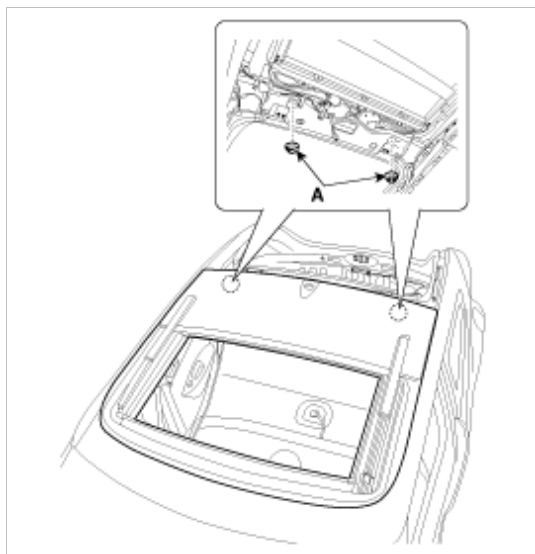
6.9 ~ 10.8 N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)

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**[Front]**



**[Rear]**

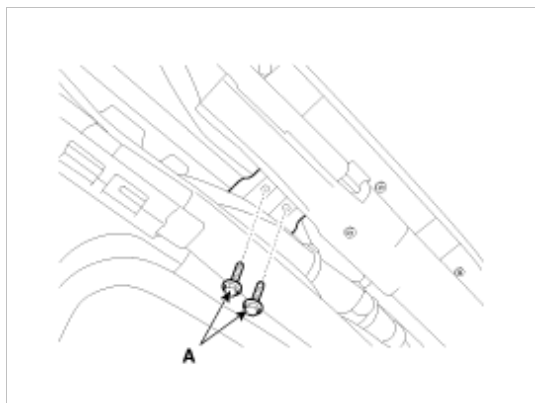


7. Loosen the panoramaroof side bracket mounting bolts (A).
- 

**Tightening torque :**

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

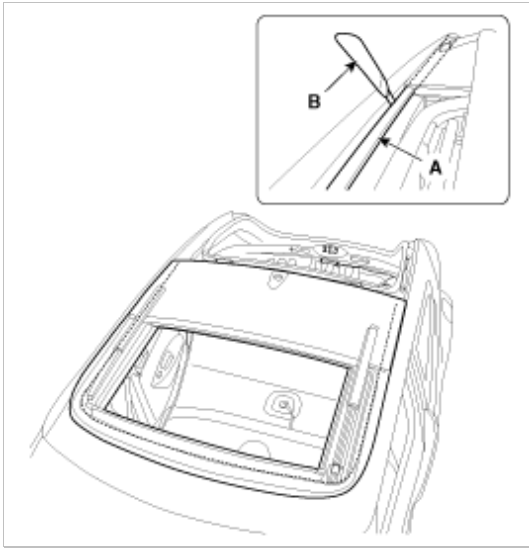
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8. Cut out the panoramaroof side seal (A) using the cutter (B).

**NOTE**

- Panoramaroof side seal needs to be changed to insure product quality.



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

**NOTE**

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



**CAUTION**

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

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

**NOTE**

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

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



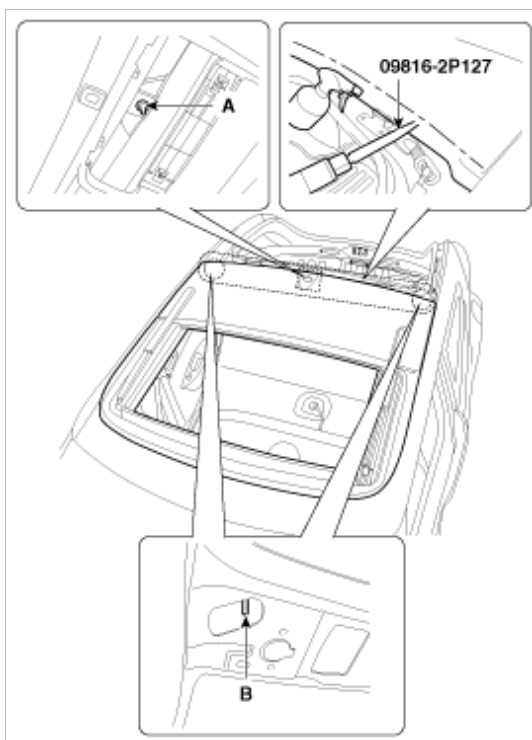
#### CAUTION

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

11. Open the space between chassis and sunroof using flathead screwdriver, and then cut the sealant of rear using a tool (09816-2P127).

#### NOTE

- Be careful of breaking center hole (A).
- Be careful of breaking nut hole (B).



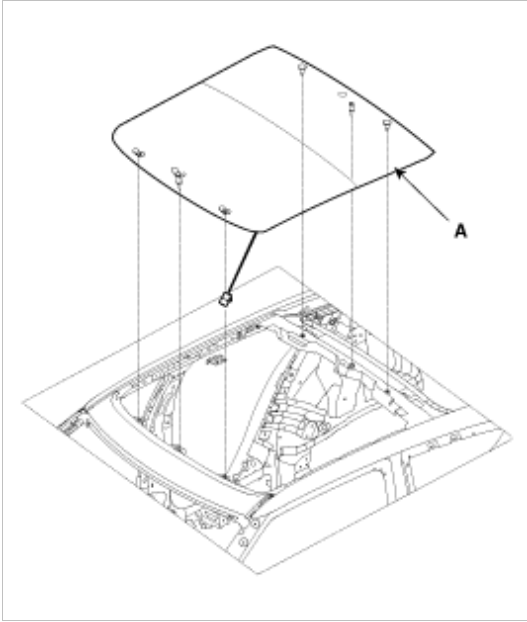
#### CAUTION

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

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

**NOTE**

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

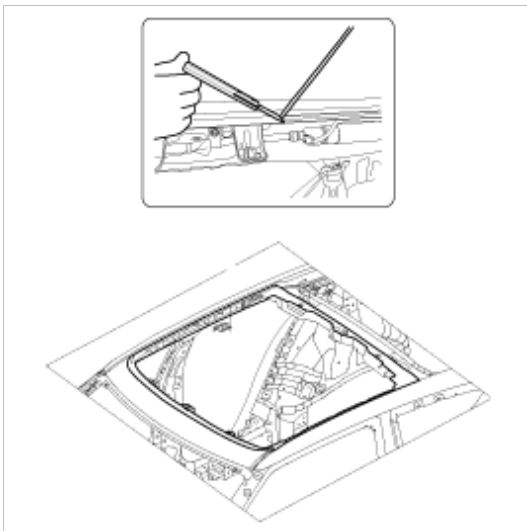


**[Installation]**

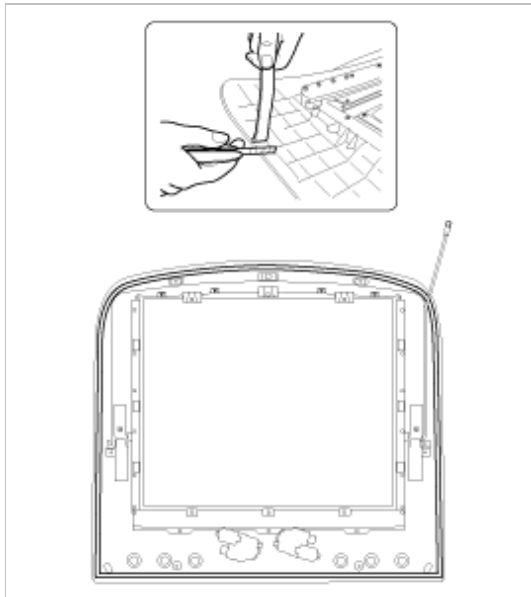
1. With a knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire panoramaroof opening flange

**CAUTION**

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



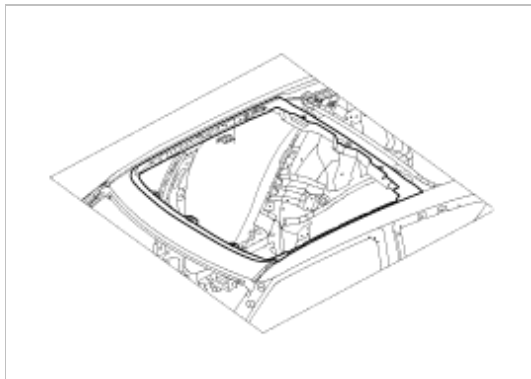
2. Clean the body bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.



3. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes :

**CAUTION**

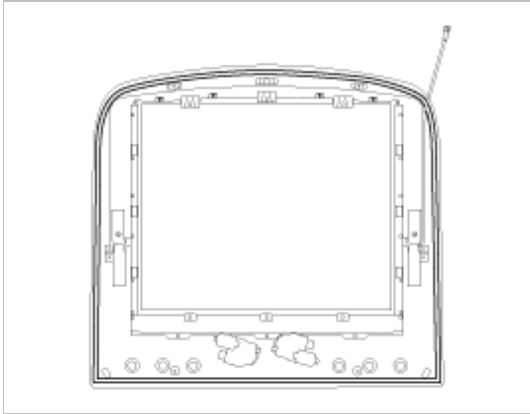
- Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
- Never touch the primed surfaces with your hands.
- Mask off surrounding surfaces before painting.



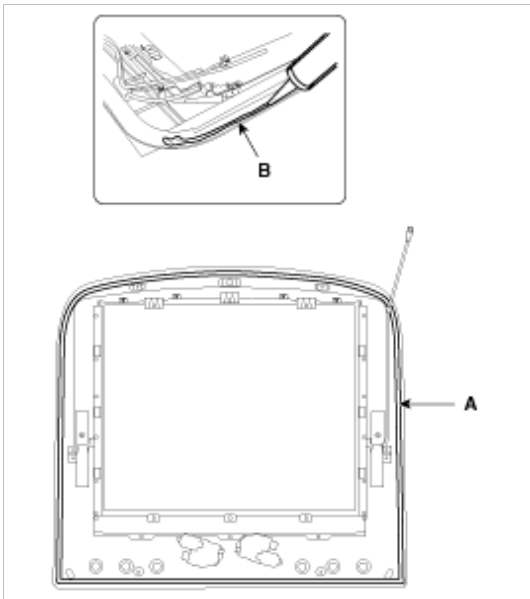
4. Apply a light coat of glass primer to the outside of the fasteners.

**CAUTION**

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



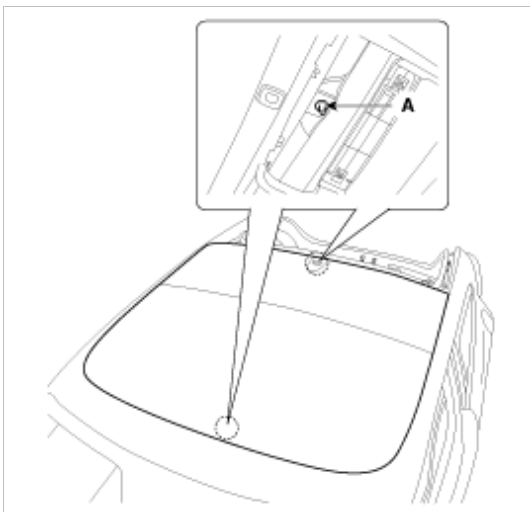
5. Pack adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of sealant (B) around the edge of the panoramaroof (A) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker bead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



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

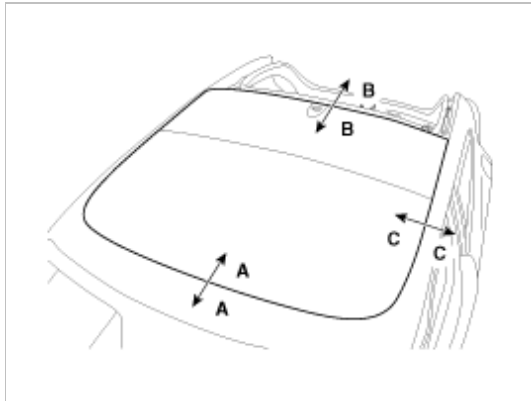
**NOTE**

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



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

Section		Clearance	Gap
Front edge	A-A	$2 \pm 1 \text{ mm}$	$5 \pm 1 \text{ mm}$
		$(0.0787 \pm 0.0394 \text{ in})$	$(0.1969 \pm 0.0394 \text{ in})$
Rear edge	B-B	$1.2 \pm 1 \text{ mm}$	$7 \pm 0.5 \text{ mm}$
		$(0.0472 \pm 0.0394 \text{ in})$	$(0.2756 \pm 0.0197 \text{ in})$
Side edge	C-C	$5 \pm 1 \text{ mm}$	$4 \pm 0.5 \text{ mm}$
		$(0.1969 \pm 0.0394 \text{ in})$	$(0.1575 \pm 0.0197 \text{ in})$



8. Install the nuts (A) to the panoramaroof.

#### Tightening torque :

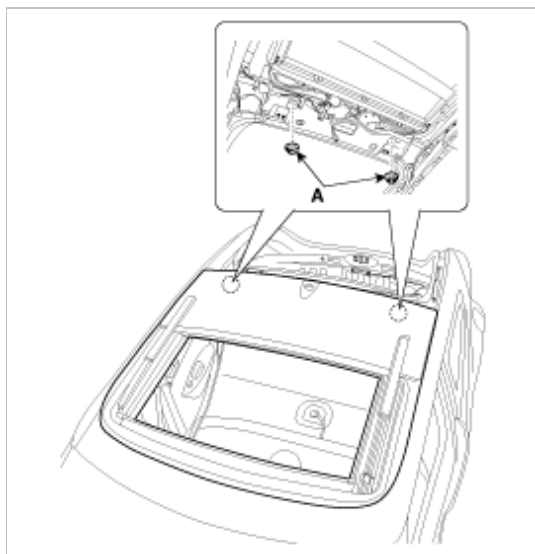
6.9 ~ 10.8 N.m (0.7 ~ 1.1 kgf.m, 5.1 ~ 8.0 lb-ft)

#### [Front]



#### [Rear]





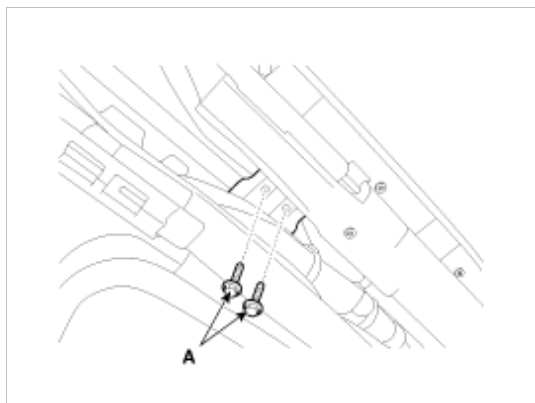
9. Install the bolts (A) to the panoramaroof side bracket.

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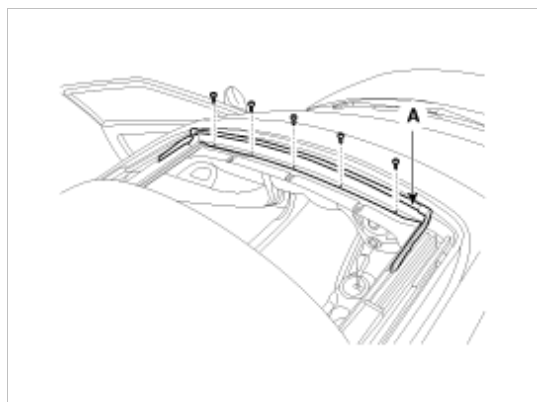
**Tightening torque :**

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

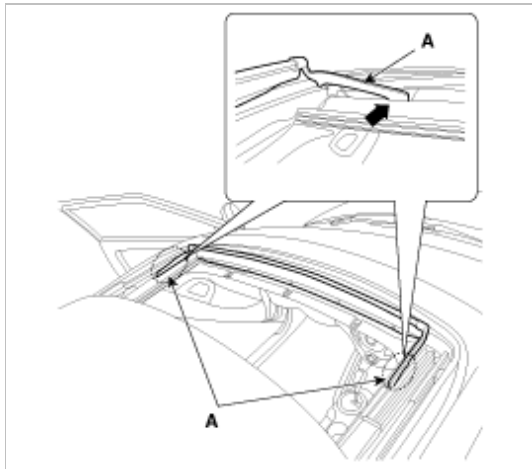
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10. Install the wind deflector (A) mounting screws.



11. Install the wind deflector mounting bracket (A) as arrow.



12. Install the screws to the movable glass (A).

**CAUTION**

- Do not damage the screws.



13. Close the movable glass fully.

14. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the windshield, wipe with a soft shop towel dampened with alcohol.

15. Let the adhesive dry for at least one hour, then spray water over the roof and check for leaks. If a leak occurs, let it dry, then seal with sealant :

- A. Let the vehicle stand for at least four hours after windshield installation. If the vehicle must be driven within 4 hours, it must be driven slowly.
- B. Keep the windshield dry for the first hour after installation.

16. Reinstall all remaining removed parts. Install the rearview mirror after the adhesive has dried thoroughly. Advise the customer not to do the following things for two the three days :

- A. Slam the door with all the windows rolled up.
- B. Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads).

17. Installation the following items

- A. Roof antenna  
(Refer to the BE group - "AVN Head Unit")
- B. Tail gate  
(Refer to the BD group - "Tail Gate")
- C. Roof trim  
(Refer to the BD group - "Roof Trim")

- D. Interior trim  
(Refer to the BD group - "Interior Trim")
- E. Rear seat  
(Refer to the BD group - "Rear Seat")
- F. Front seat  
(Refer to the BD group - "Front Seat")

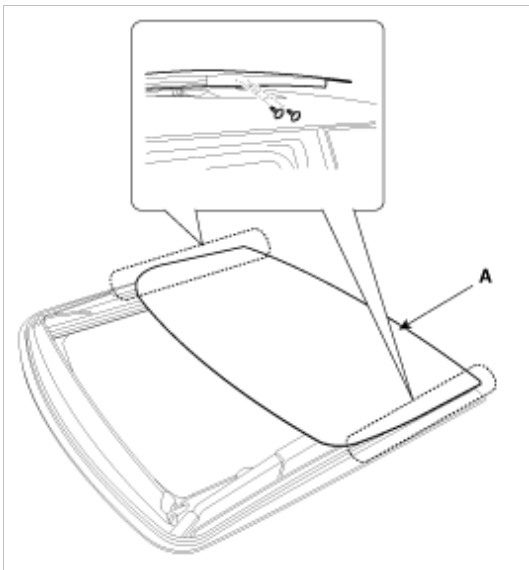
## Mechanisms cleaning operation

When the Noise occurred because of foreign substance in the movable glass, please follow the below procedures.

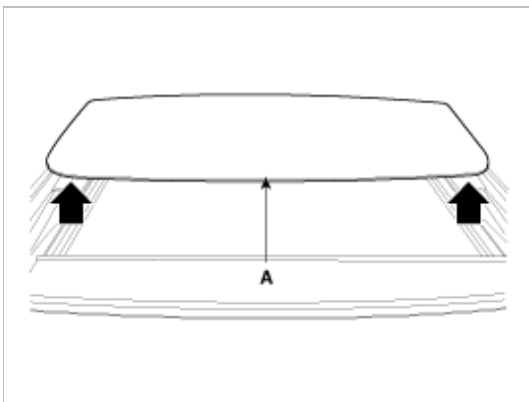
1. Open the movable glass completely.
2. After loosening the mounting screws, then remove the movable glass (A).

### CAUTION

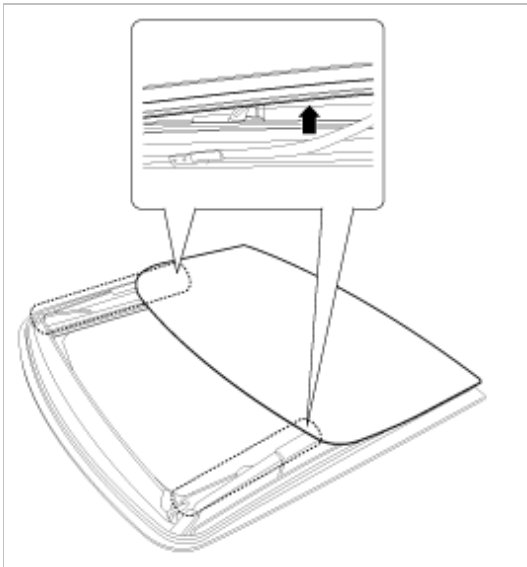
- Do not damage the screws.



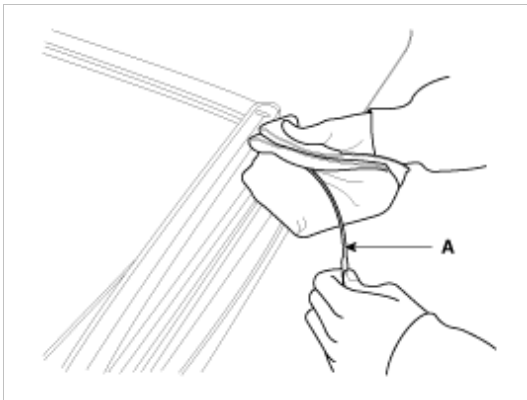
3. Pull out the movable glass (A) to the rear.



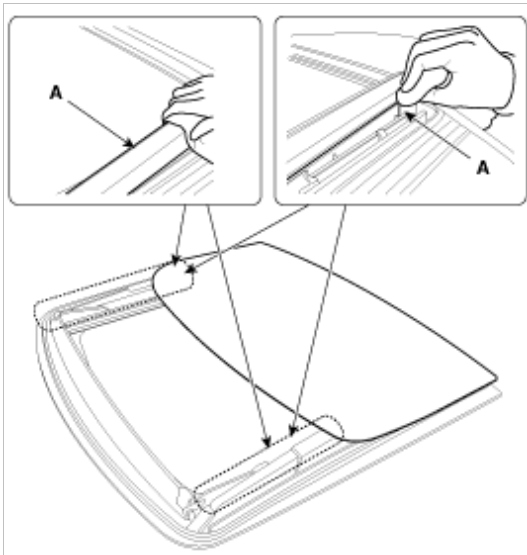
4. Tilt up the completely by pushing the CLOSE switch.



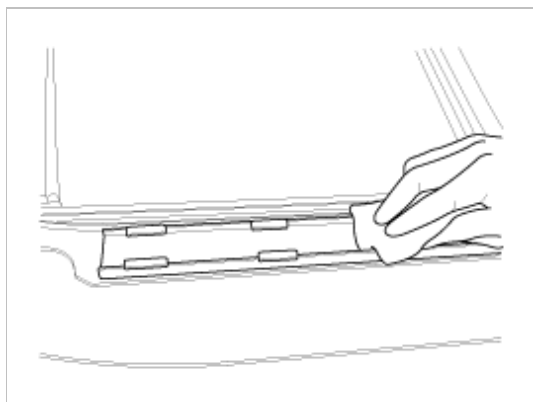
5. Clean the mechanisms belt (A) with alcohol.



6. Clean the driving profile (A) with alcohol.



7. Clean the the inside of movable glass with alcohol.

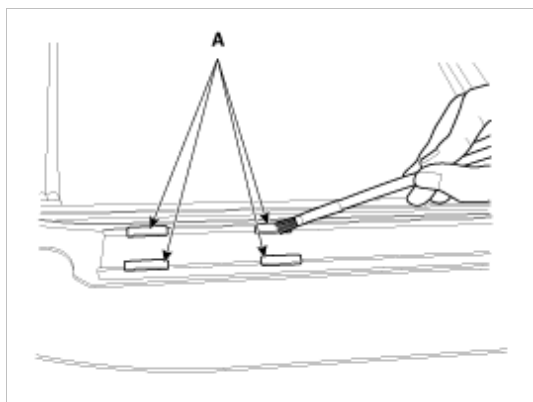


8. Supply the grease on the panoramaroof shoe (A), driving profile (B) and machanism belt (C).

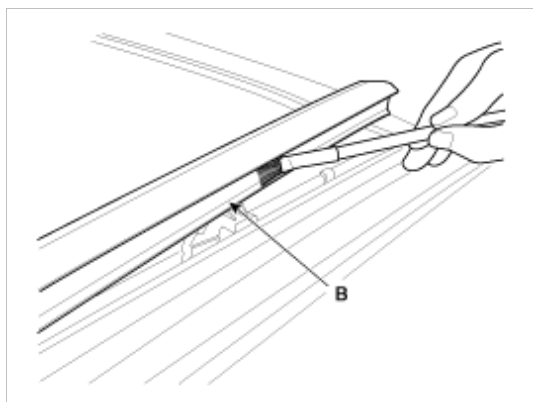
**NOTE**

- Grease type : Molikote EM 50L or similar

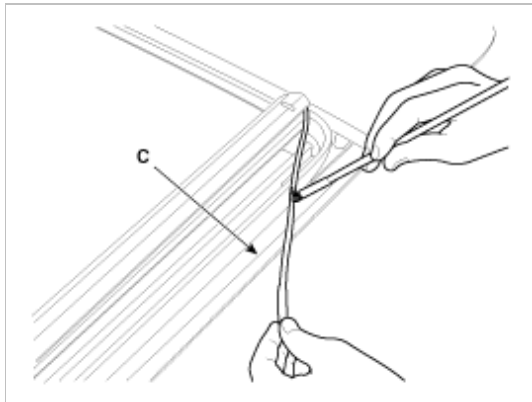
**[Panoramaroof shoe]**



**[Driving profile]**



**[Machanism belt]**



9. Installation is the reverse of removal.
10. Reset the panoramaroof motor.  
(Refer to the BE group - "Panoramaroof")

## Adjustment

### Inspect Glass Alignment

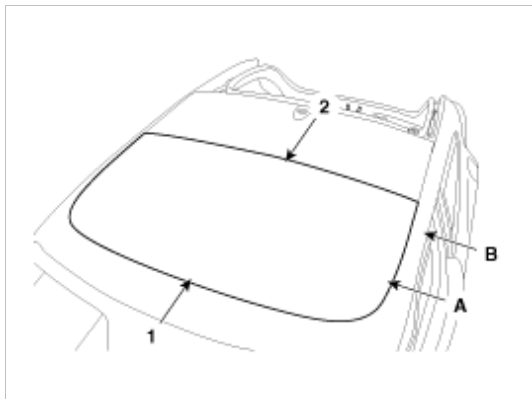
1. Check for abnormal noise or bending during operation.
2. With the sunroof fully closed, check for water leakage.
3. The roof panel (B) should be even with the movable glass (A) weatherstrip, to within the standard value "E" all the way around. If not, make the following adjustment.

---

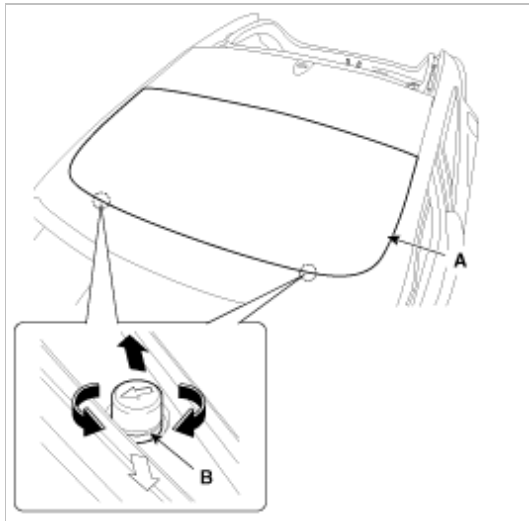
#### Tightening torque :

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

- (1) Front edge :  $2 \pm 1$  mm ( $0.0787 \pm 0.0394$  in)
  - (2) Rear edge :  $0 \pm 1$  mm (0.0394 in.)
- 



4. Adjust the movable glass (A) height by turning the movable glass overslam bumpers (B).



## How To Initialize Motor

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

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

## When To Initialize The Motor

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

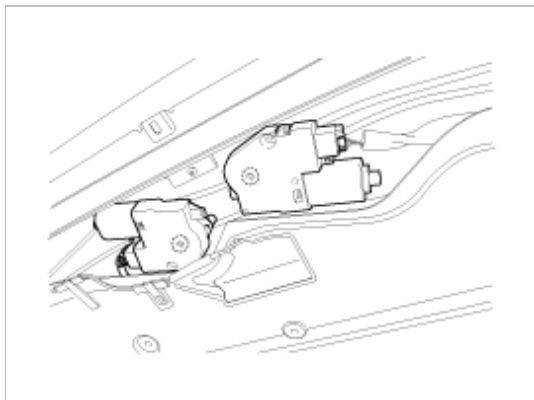
## Operating The Panoramaroof Emergency Handle

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

### CAUTION

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





## Body (Interior and Exterior) > Exterior > Mirror > Repair procedures

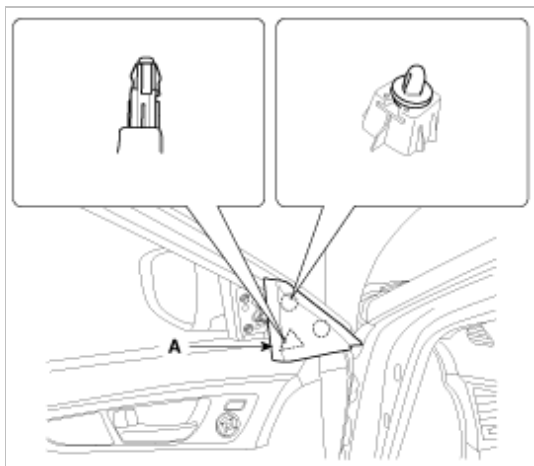
### Replacement

#### Outside Rear View Mirror Replacement

##### CAUTION

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

1. Using a screwdriver or remover, remove the front door quadrant inner cover (A).



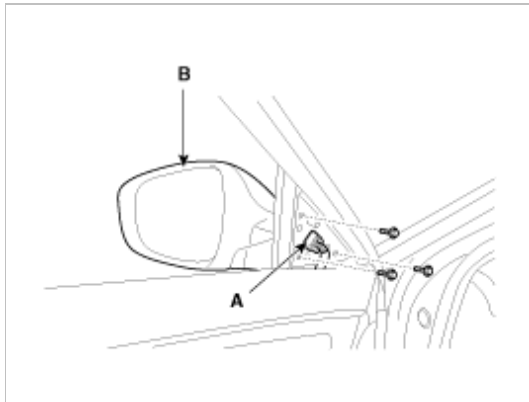
2. Disconnect the outside rear view mirror connector (A).
3. After loosening the mounting bolts, then remove the outside rear view mirror (B).

---

#### Tightening torque :

3.9 ~ 5.9 N.m (0.4 ~ 0.6 kgf.m, 2.9 ~ 4.3 lb-ft)

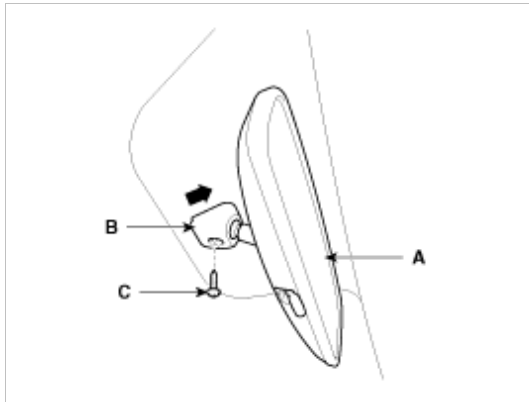
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4. Installation is the reverse of removal.

### Inside Rear View Mirror Replacement

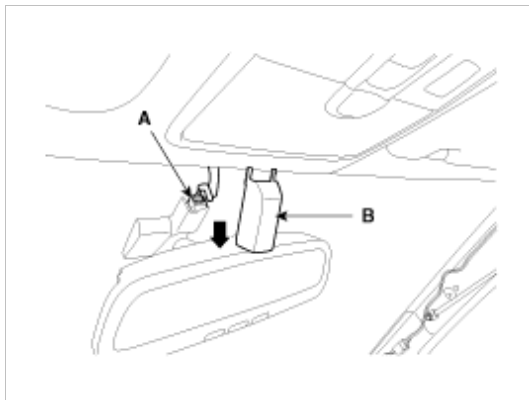
1. Loosen the mounting screw (C).
2. Push the inside rear view mirror base (B) up to remove to inside rear view mirror assembly (A).



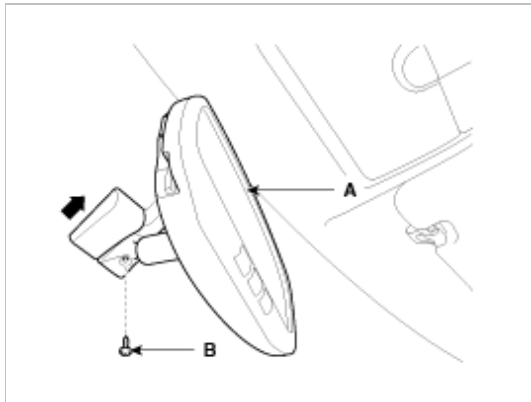
3. Installation is the reverse of removal.

### ECM Mirror Replacement

1. Remove the ECM mirror cover (B).
2. Disconnect the ECM mirror connector (A).



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



4. Installation is the reverse of removal.

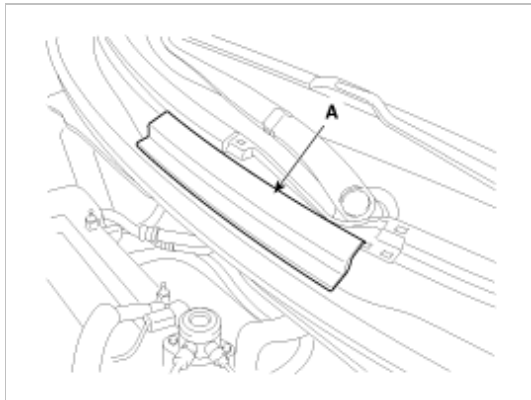
#### NOTE

- Make sure the connector are connected in properly.

## Body (Interior and Exterior) > Exterior > Cowl Top Cover > Repair procedures

### Replacement

1. Using a screwdriver or remover, remove the wiper arm cover (A).

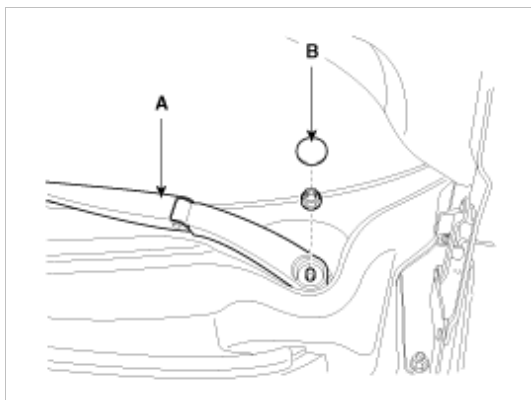


2. Remove the wiper arm mounting hole plug (B).

3. After loosening the mounting nuts, then remove the wiper arm (A).

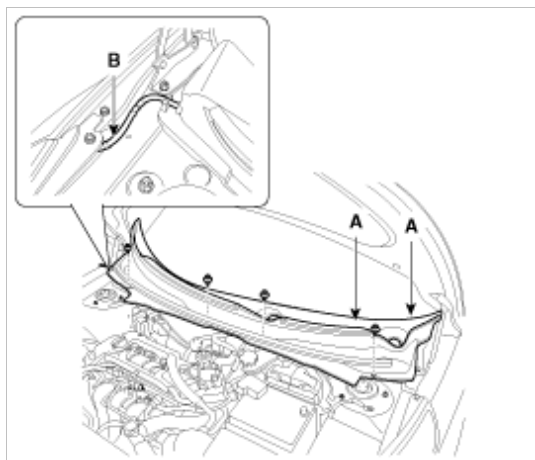
#### Tightening torque :

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



4. Remove the washer nozzle hose (B).

5. Detach the clips, then remove the cowl top cover (A).



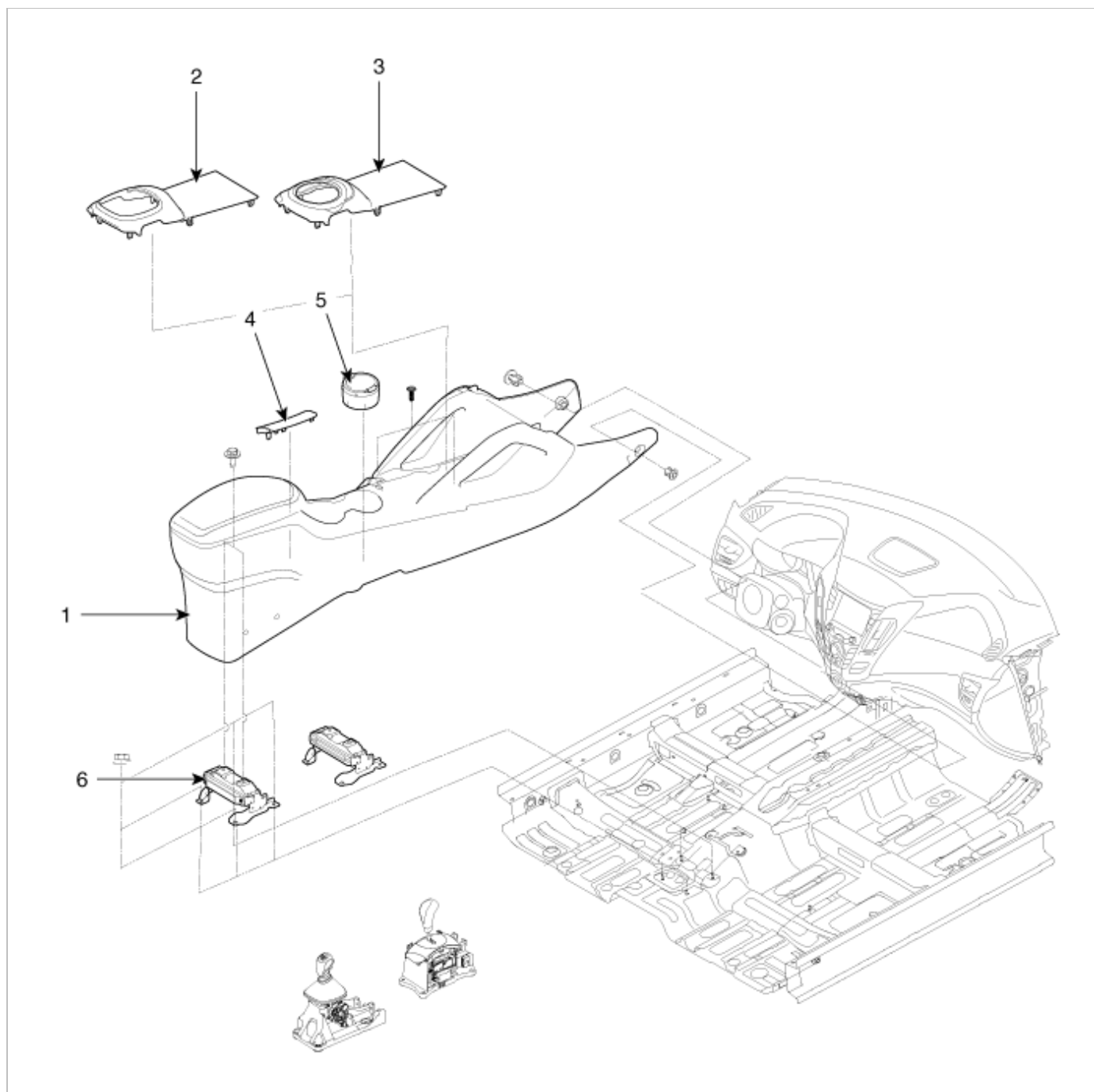
6. Installation is the reverse of removal.

**NOTE**

- Replace any damage clips.

**Body (Interior and Exterior) > Interior > Console > Components and Components Location**

**Components**



- 1. Floor console assembly
- 2. Console upper cover [M/T]
- 3. Console upper cover [A/T]

- 4. Parking brake cover
- 5. Ash tray assembly
- 6. Floor console rear mounting bracket

## Body (Interior and Exterior) > Interior > Console > Repair procedures

### Replacement

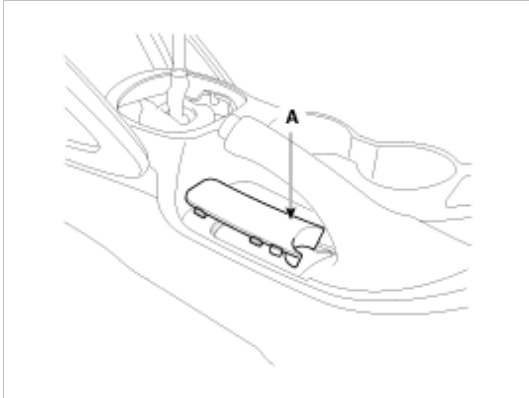
#### Floor Console Replacement

[M/T]

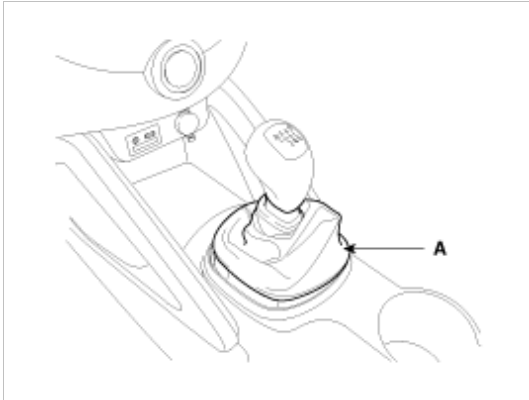
**CAUTION**

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

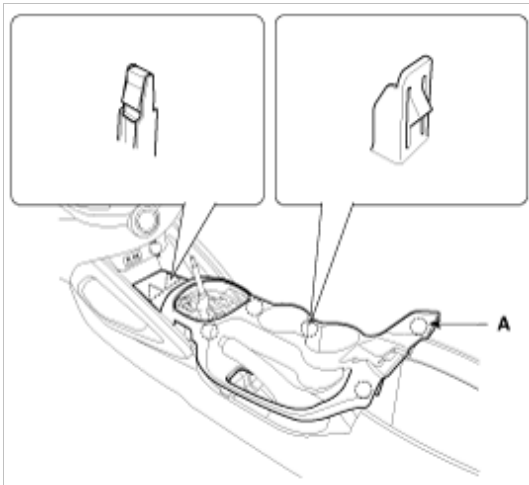
1. Using a screwdriver or remover, remove the parking brake cover (A).



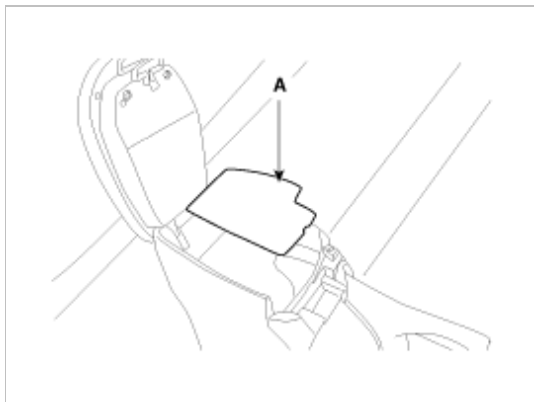
2. Using a screwdriver or remover, remove the gear boots (A).



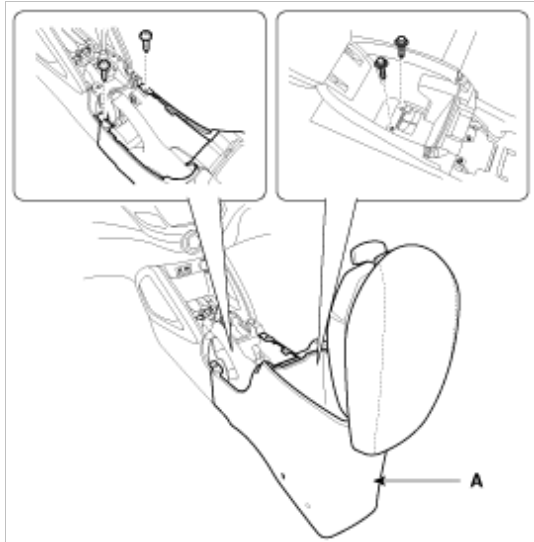
3. Using a screwdriver or remover, remove the console upper cover (A).



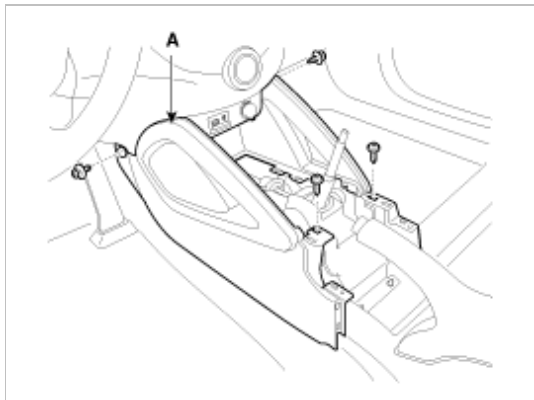
4. Remove the console tray mat (A).



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



6. After loosening the mounting clips and screws, then remove the console side cover (A).



7. Installation is the reverse of removal.

**NOTE**

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

[A/T]

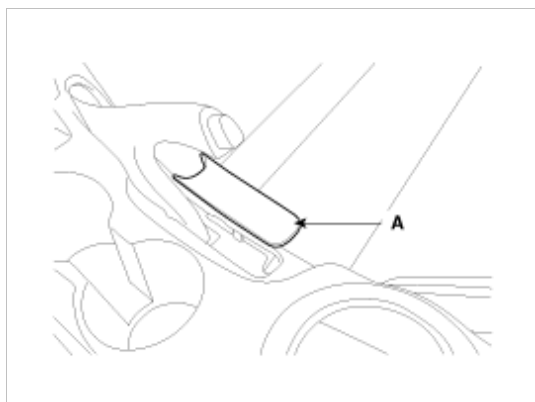
**CAUTION**

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective

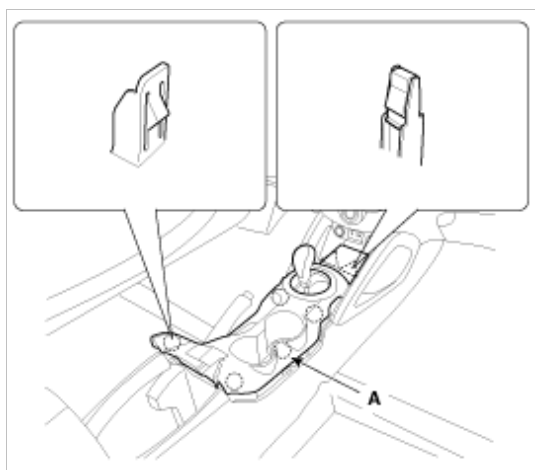
tape around the related parts, to prevent damage.

- Put on gloves to protect your hands.

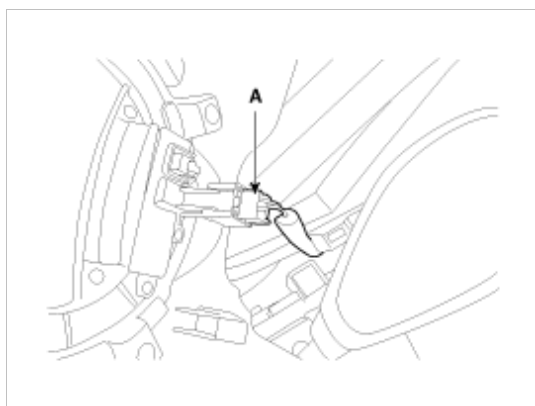
1. Using a screwdriver or remover, remove the parking brake cover (A).



2. Using a screwdriver or remover, remove the console upper cover (A).

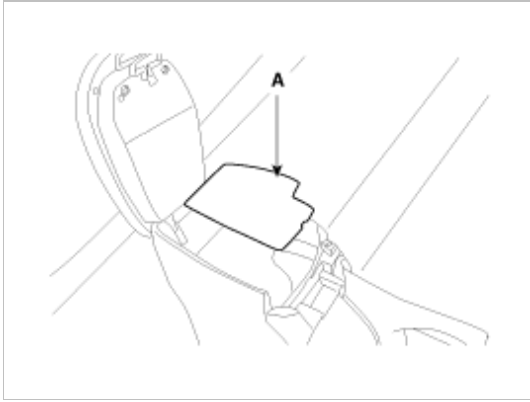


3. Disconnect the connector (A).

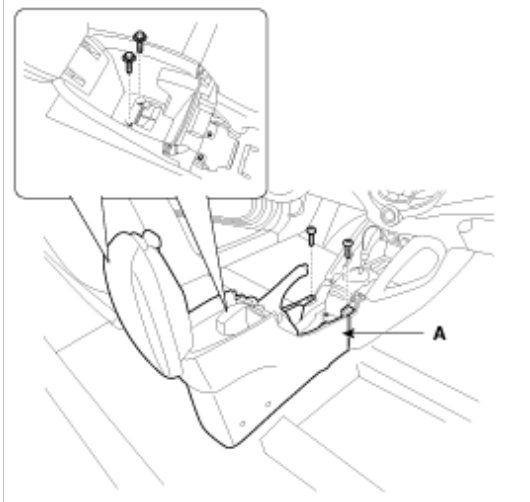


4. Remove the console tray mat (A).

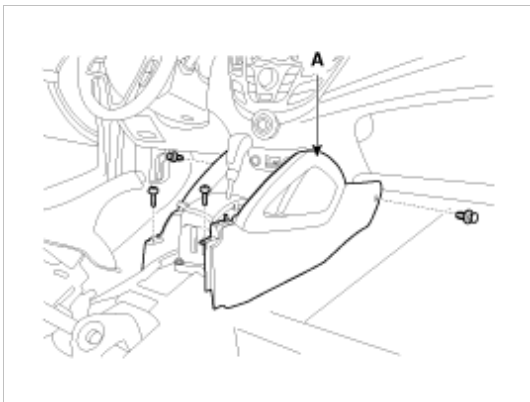




5. After loosening the mounting screws and bolts, then remove the floor console assembly (A).



6. After loosening the mounting clips and screws, then remove the console side cover (A).



7. Installation is the reverse of removal.

#### NOTE

- Make sure the connectors are connected in properly.
- Replace any damaged clips.

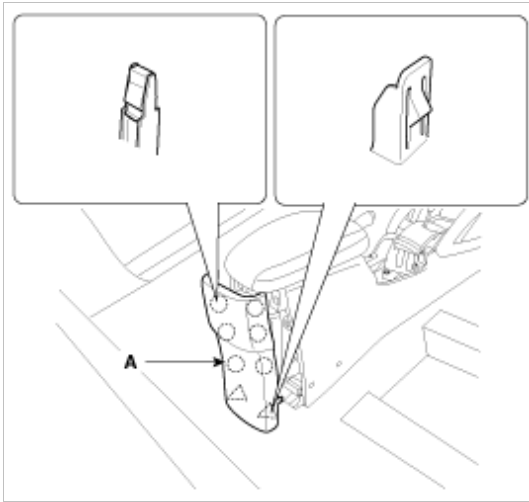
## Rear Console Cover Replacement

#### CAUTION

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.

- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the rear console cover (A).



2. Installation is the reverse of removal.

#### NOTE

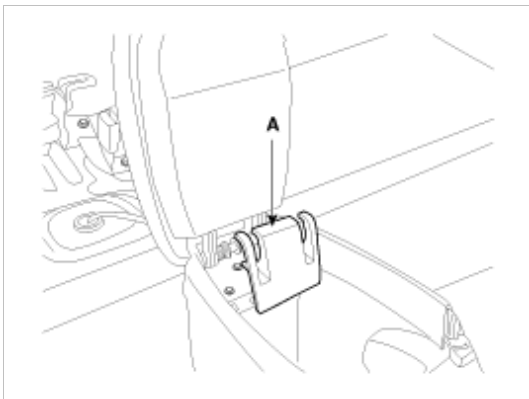
- Replace any damage clips.

## Armrest assembly Replacement

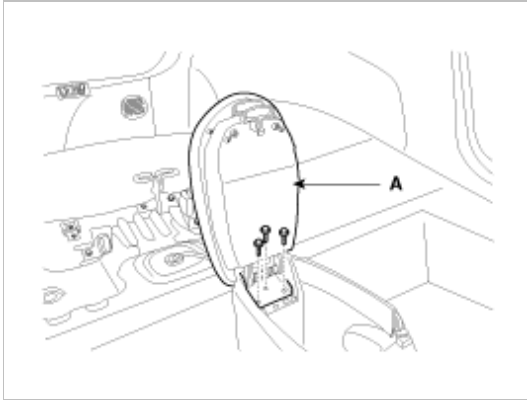
#### CAUTION

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the rear console cover (A).



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



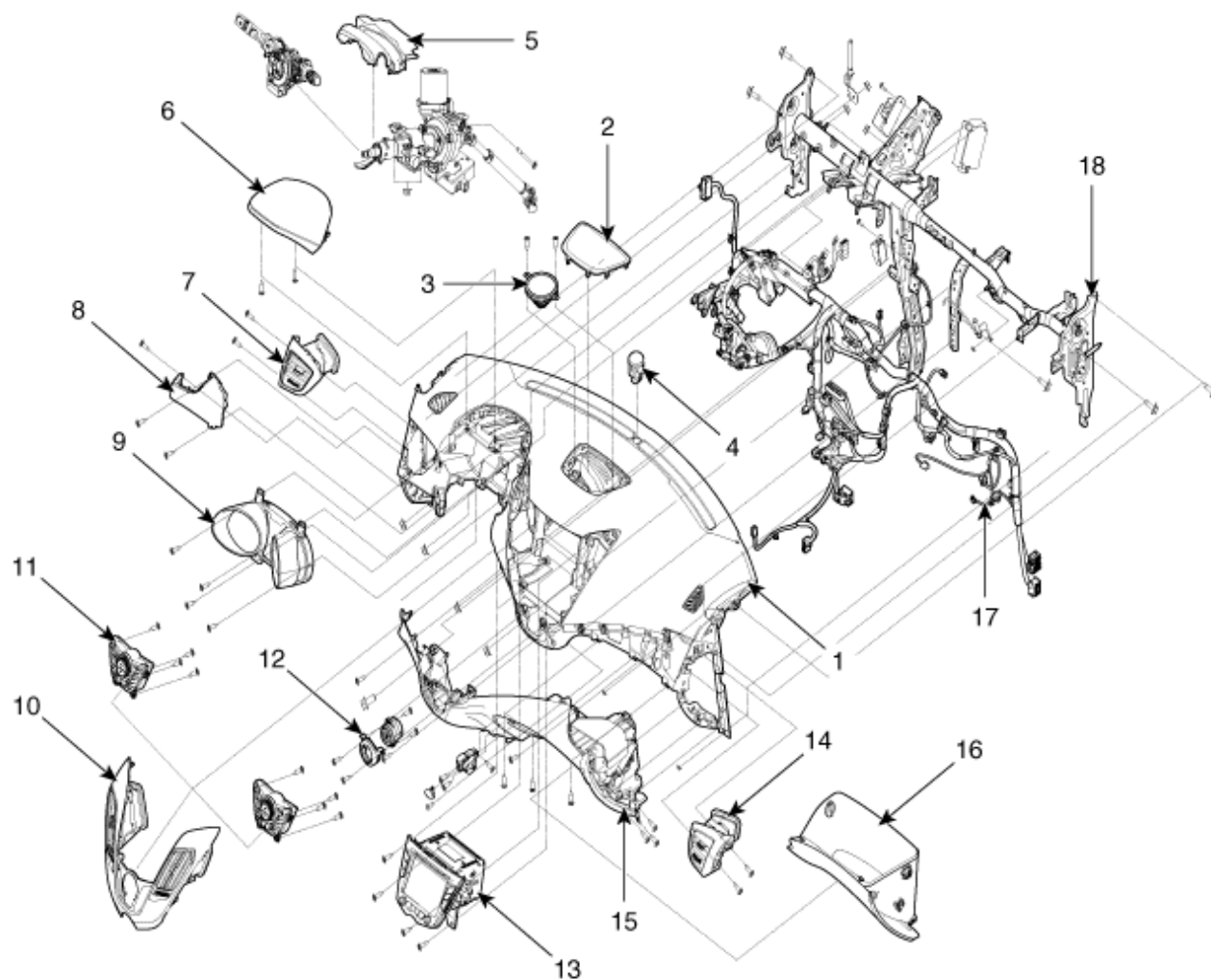
3. Installation is the reverse of removal.

**NOTE**

- Replace any damage clips.

**Body (Interior and Exterior) > Interior > Crash Pad > Components and Components Location**

**Components**



1. Main crash pad assembly
2. Center speaker grille
3. Center speaker assembly
4. Photo sensor
5. Cluster fascia lower panel
6. Cluster fascia upper panel
7. Side air vent duct [LH]
8. Crash pad side garnish
9. Cluster assembly

10. Center facia panel
11. Heater control unit
12. Start/stop button bezel
13. Audio assembly
14. Side air vent duct [RH]
15. Crash pad main lower panel
16. Glove box
17. Main wiring assembly
18. Cowl cross bar assembly

## Body (Interior and Exterior) > Interior > Crash Pad > Repair procedures

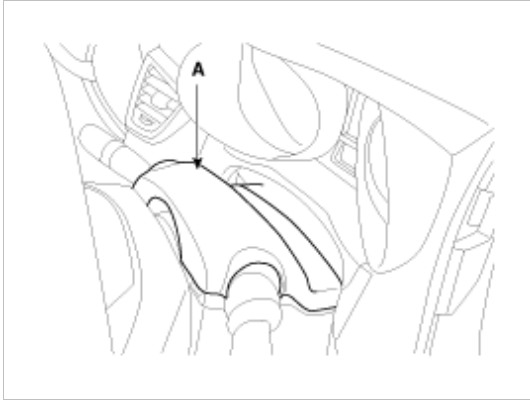
### Replacement

## Cluster Replacement

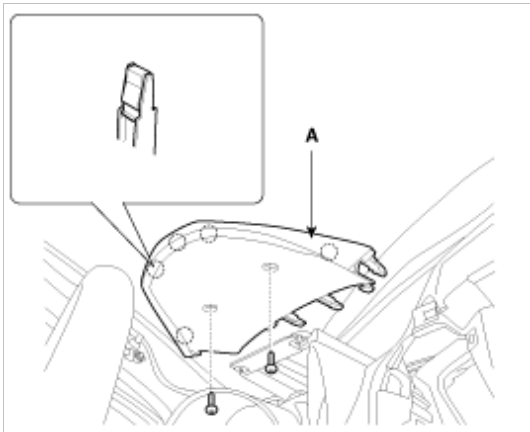
### CAUTION

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

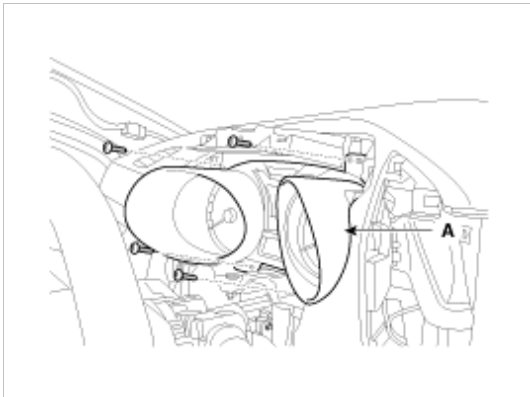
1. Using a screwdriver or remover, remove the cluster fascia lower panel (A).



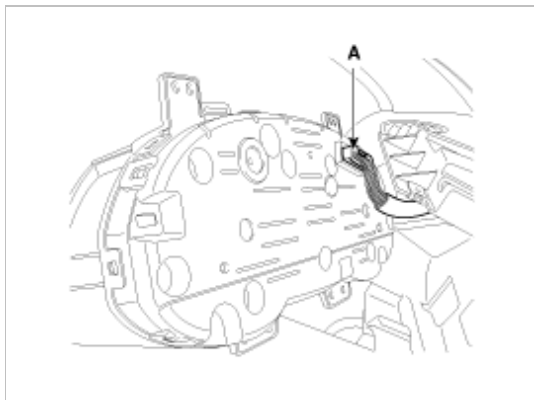
2. After loosening the mounting screws, then remove the cluster fascia upper panel (A).



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



4. Disconnect the connector (A).



5. Installation is the reverse of removal.

**NOTE**

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

## Center Facia Panel Replacement

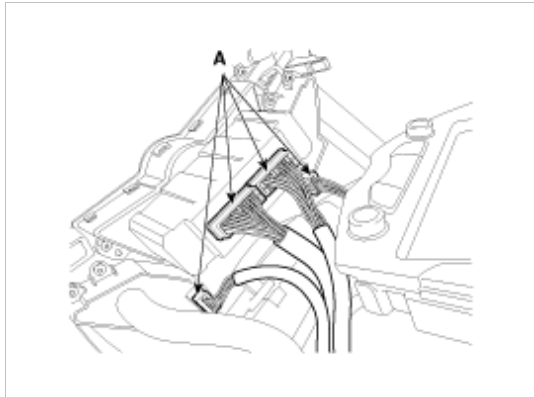
**CAUTION**

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the center facia panel (A).



2. Disconnect the heater control unit connectors (A).



3. Installation is the reverse of removal.

**NOTE**

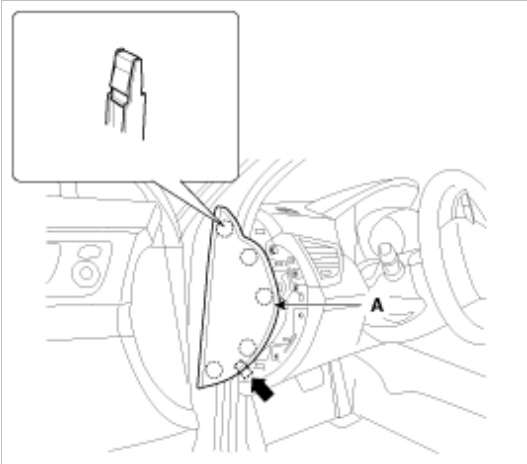
- Make sure the connector are connected in properly.
- Replace any damage clips.

## Crash Pad Lower Panel Replacement

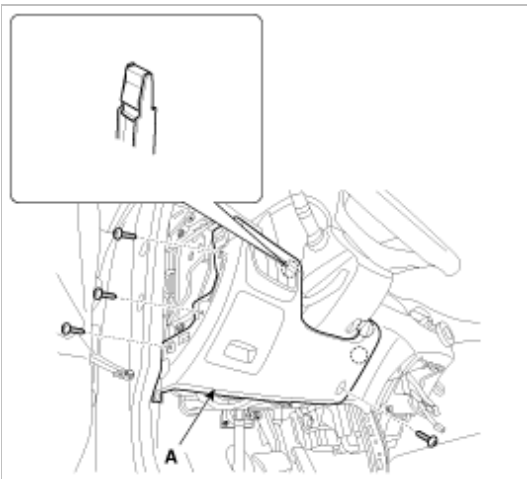
**CAUTION**

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

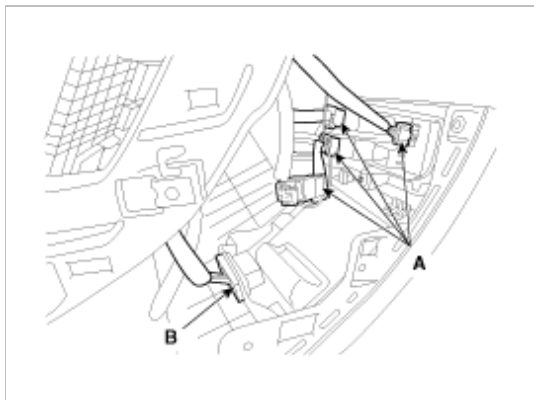
1. Remove the following items.
  - A. Front door scuff trim  
(Refer to the BD group – “Interior Trim”)
  - B. Cowl side trim  
(Refer to the BD group- “Interior Trim”)
2. Using a screwdriver or remover, remove the crash pad side cover (A).



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



4. Disconnect the crash pad switch connectors (A) and diagnosis connector (B).



5. Installation is the reverse of removal.

#### NOTE

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

## Audio assembly Replacement

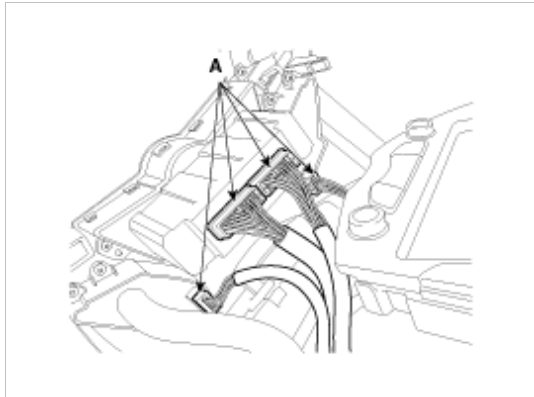
#### CAUTION

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the center facia panel (A).

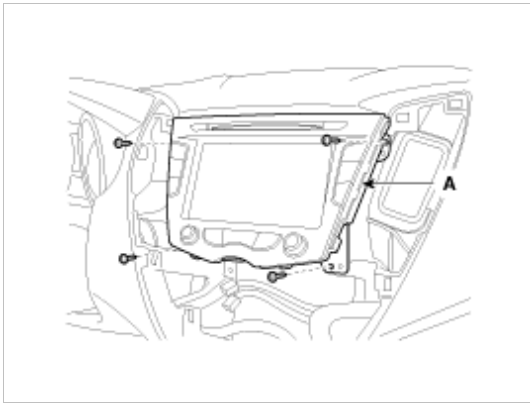


2. Disconnect the heater control unit connectors (A).

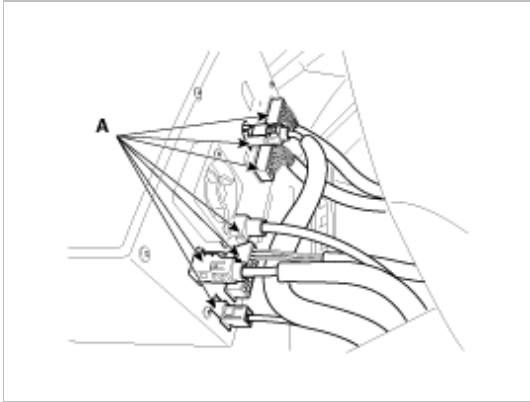




3. After loosening the mounting screws, then remove the audio assembly (A).



4. Disconnect the audio connectors (A).



5. Installation is the reverse of removal.

#### NOTE

- Make sure the connectors are connected in properly.
- Replace any damaged clips.

## Heater Control Unit Replacement

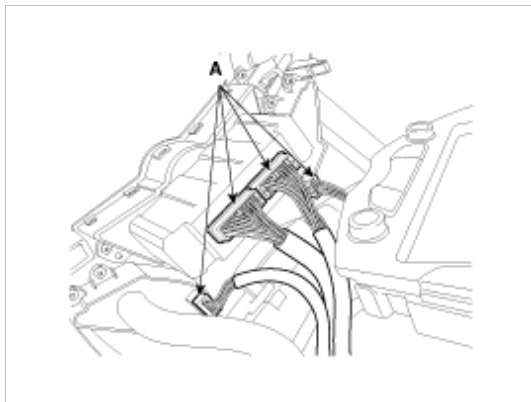
#### CAUTION

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

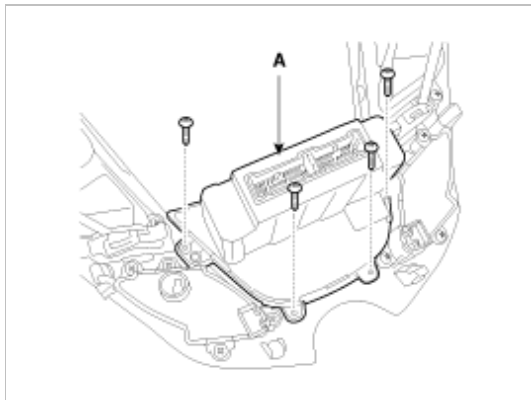
1. Using a screwdriver or remover, remove the center facia panel (A).



2. Disconnect the heater control unit connectors (A).



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



4. Installation is the reverse of removal.

**NOTE**

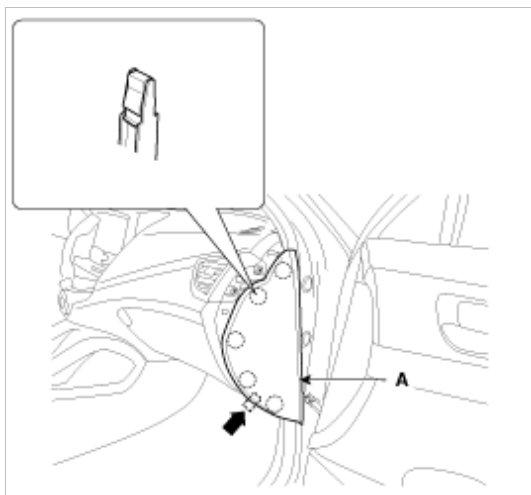
- Make sure the connector are connected in properly.
- Replace any damaged clips.

## Glove Box Housing Replacement

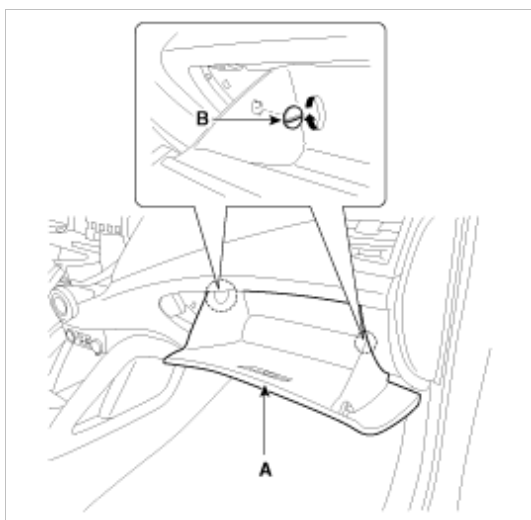
**CAUTION**

- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

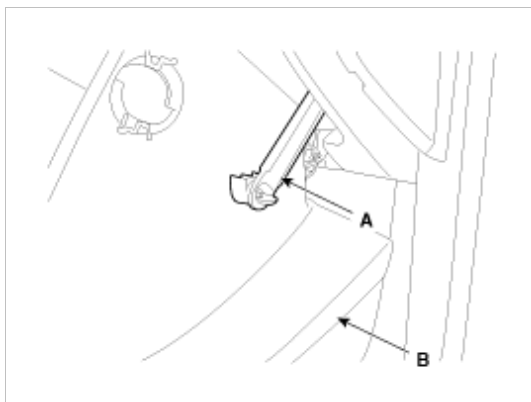
1. Using a screwdriver or remover, remove the crash pad side cover (A).



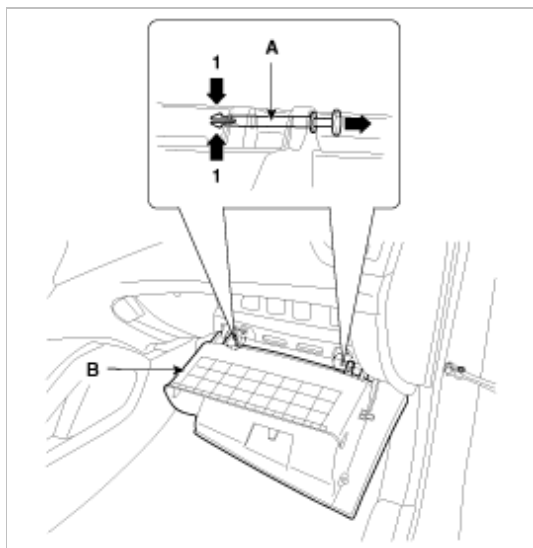
2. Disconnect the guide (B) from the glove box (A).



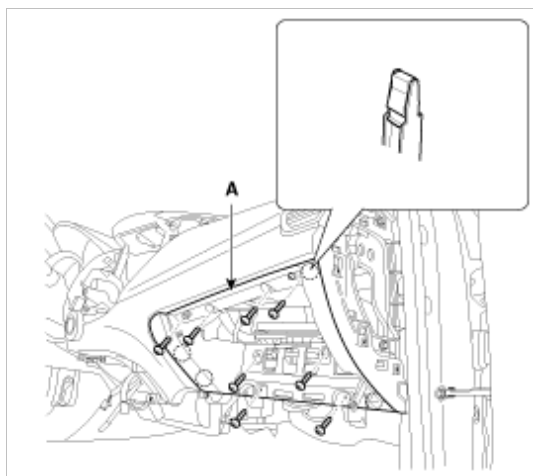
3. Disconnect the lift (A) from the glove box (B).



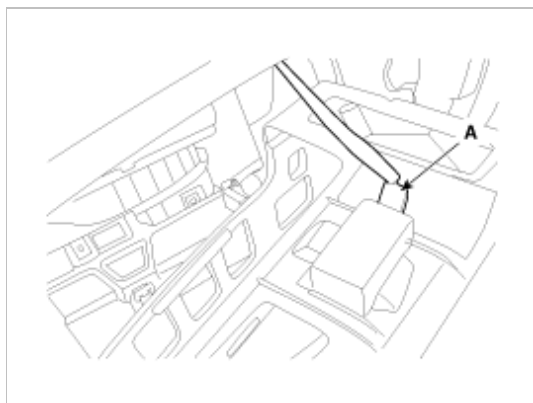
4. Disconnect the pin (A) and then remove the glove box (B).



5. After loosening the mounting screws, then remove the glove box housing (A).



6. Disconnect the glove box lamp connector (A).



7. Installation is the reverse of removal.

#### NOTE

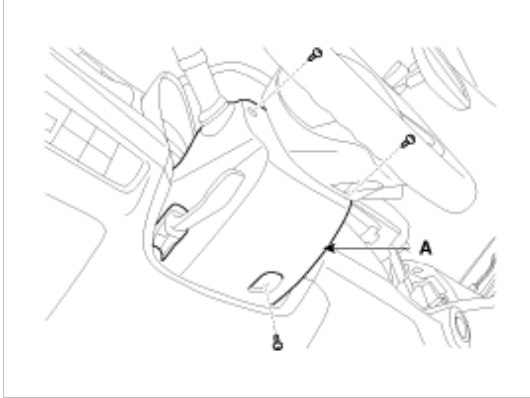
- Make sure the connector are connected in properly.
- Replace any damage clips.

## Shroud Replacement

#### CAUTION

- A plastic trim tool is recommended, but if prying with a 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 screws, then remove the shroud assembly (A).



2. Installation is the reverse of removal.

#### NOTE

- Replace any damage clips.

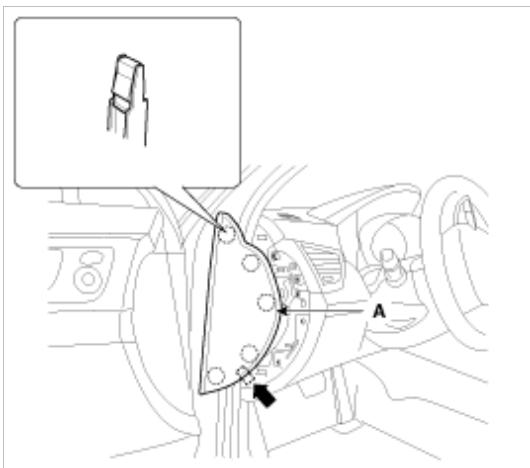
## Crash Pad Side Cover Replacement

#### CAUTION

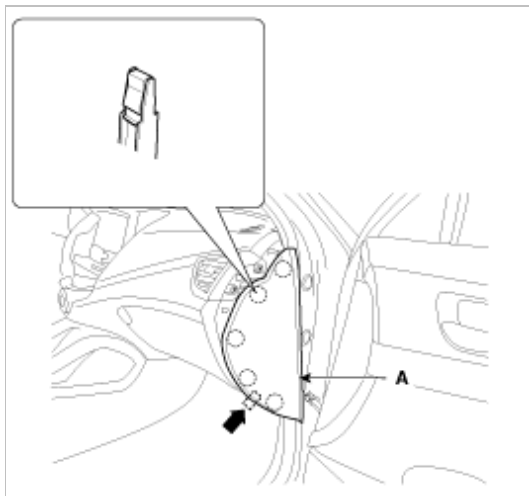
- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the crash pad side cover (A).

[Driver's]



[Passenger's]



2. Installation is the reverse of removal.

**NOTE**

- Replace any damage clips.

## Main Crash Pad Replacement

**CAUTION**

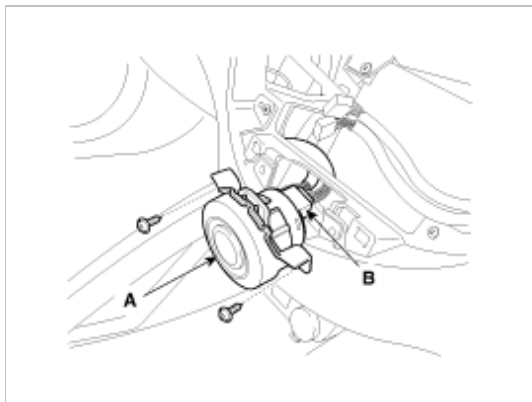
- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Remove the following items.

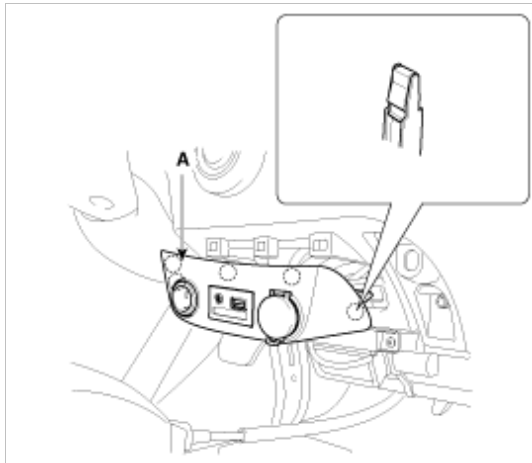
- Front seat  
(Refer to the BD group – “Front Seat”)
- Front pillar trim  
(Refer to the BD group – “Interior Trim”)
- Floor console assembly & Console side cover  
(Refer to the BD group – “Console”)
- Front door scuff trim  
(Refer to the BD group – “Interior Trim”)
- Cowl side trim  
(Refer to the BD group- Interior Trim”)
- Crash pad side cover
- Crash pad lower panel
- Cluster fascia upper panel & Cluster fascia lower panel
  - Cluster assembly
  - Center facia panel
  - Audio assembly
  - Glove box & Glove box housing
- Steering column  
(Refer to the ST group - "Steering Column and Shaft")

2. After loosening the mounting screws, then remove the start/stop button bezel (A).

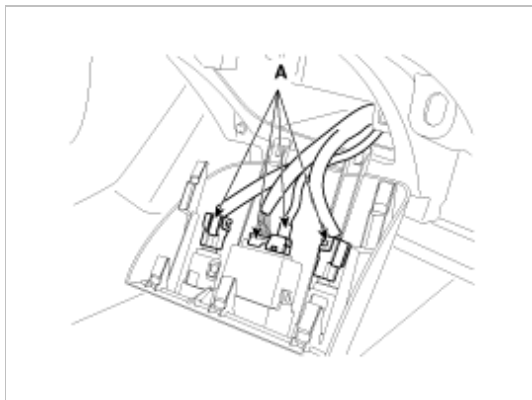
3. Disconnect the start/stop button bezel connector (B).



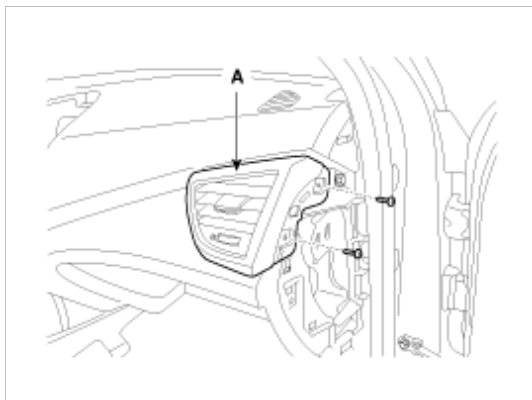
4. Using a screwdriver or remover, remove the crash pad center lower panel (A).



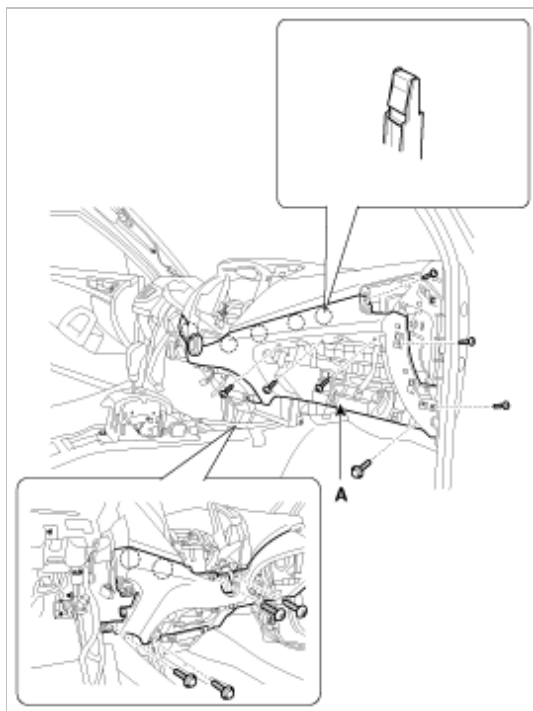
5. Disconnect the connectors (A).



6. After loosening the mounting screws, then remove the side air vent duct [RH] (A).



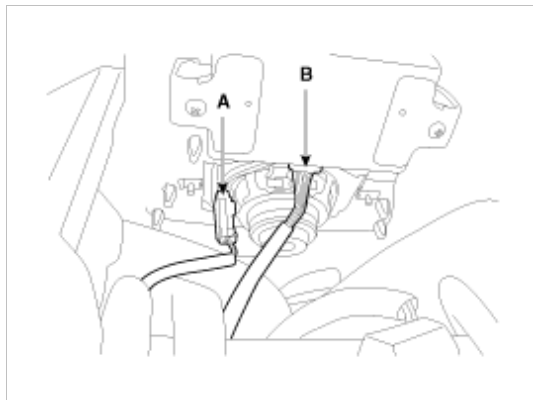
7. After loosening the mounting screws and bolts, then remove the crash pad main lower panel (A).



8. Disconnect the smart key unit antenna connector (A).

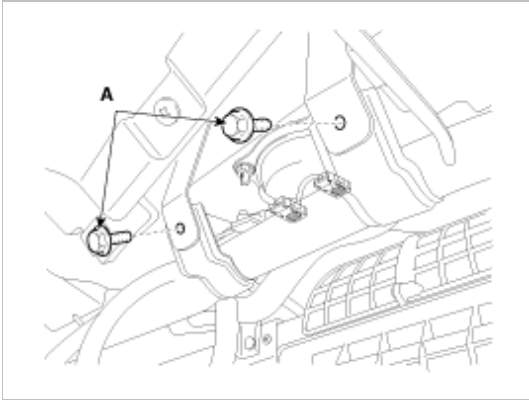


9. Disconnect the center speaker connector (A) and BCM unit connector (B).

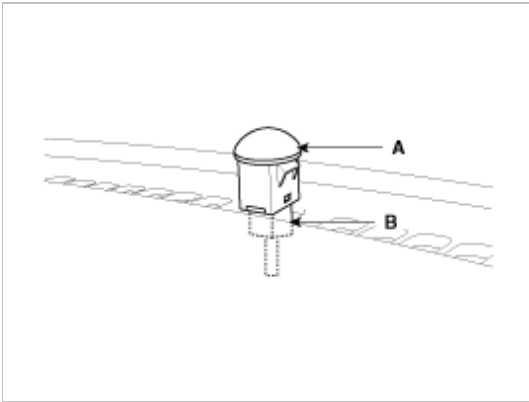


10. Loosen the mounting bolts (A).

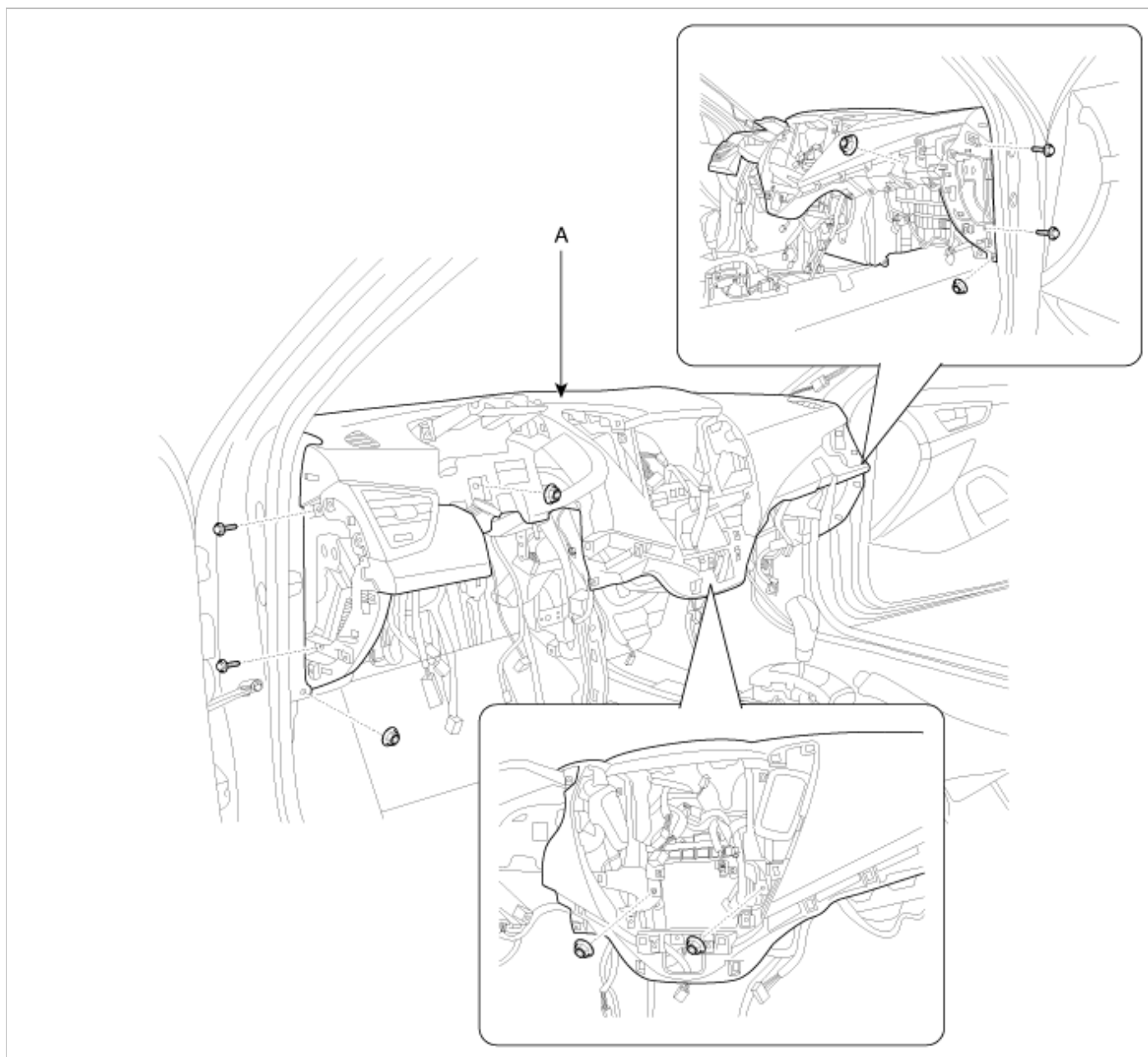




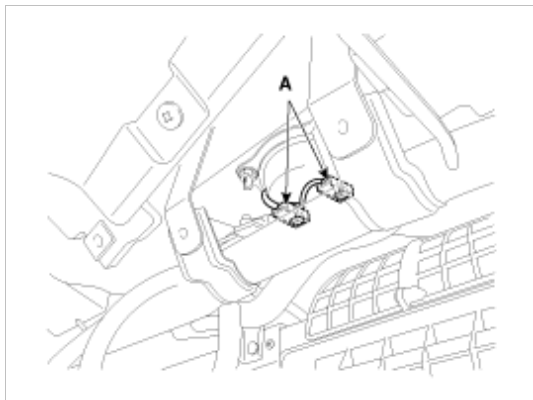
11. Using a screwdriver or remover, remove the photo sensor (A).
12. Disconnect the photo sensor connector (B).



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



14. Disconnect the passenger's airbag connector (A).



15. Installation is the reverse of removal.

NOTE

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

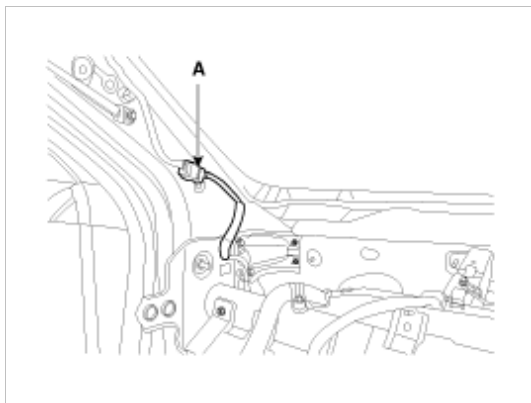
## Cowl Cross Bar Replacement

### CAUTION

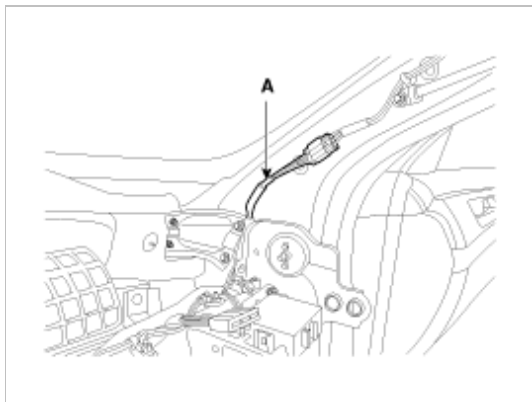
- A plastic trim tool is recommended, but if prying with a screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Remove the following items.
  - A. Front seat  
(Refer to the BD group - "Front Seat")
  - B. Front pillar trim  
(Refer to the BD group – "Interior Trim")
  - C. Front door scuff trim  
(Refer to the BD group – "Interior Trim")
  - D. Cowl side trim  
(Refer to the BD group- Interior Trim")
  - E. Floor console assembly & Console side cover  
(Refer to the BD group – "Console")
  - F. Cowl top cover  
(Refer to the BD group - "Cowl Top Cover")
2. Disconnect the blower unit connectors.  
(Refer to the HA group - "Air conditioning system, Heater, Blower")
3. Disconnect the connector (A) and the mounting clips in the front pillar.

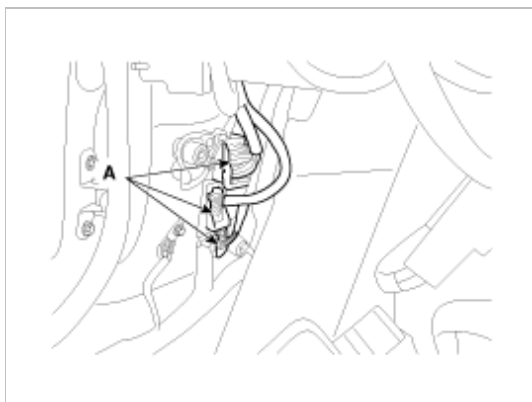
**[Driver's]**



**[Passenger's]**



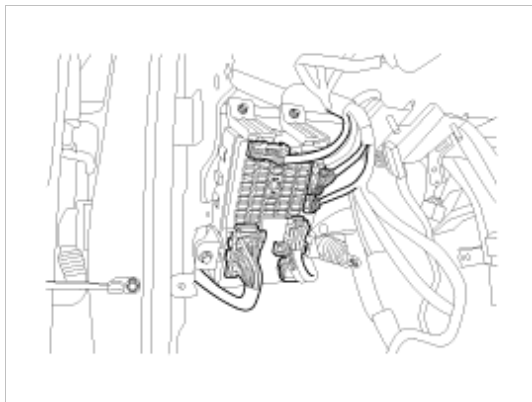
4. Disconnect the multi box connectors (A).  
**[Driver's]**



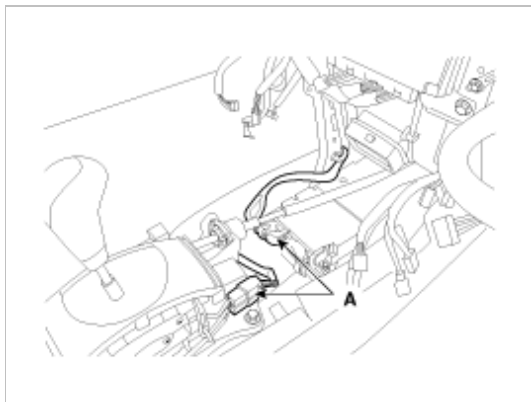
**[Passenger's]**



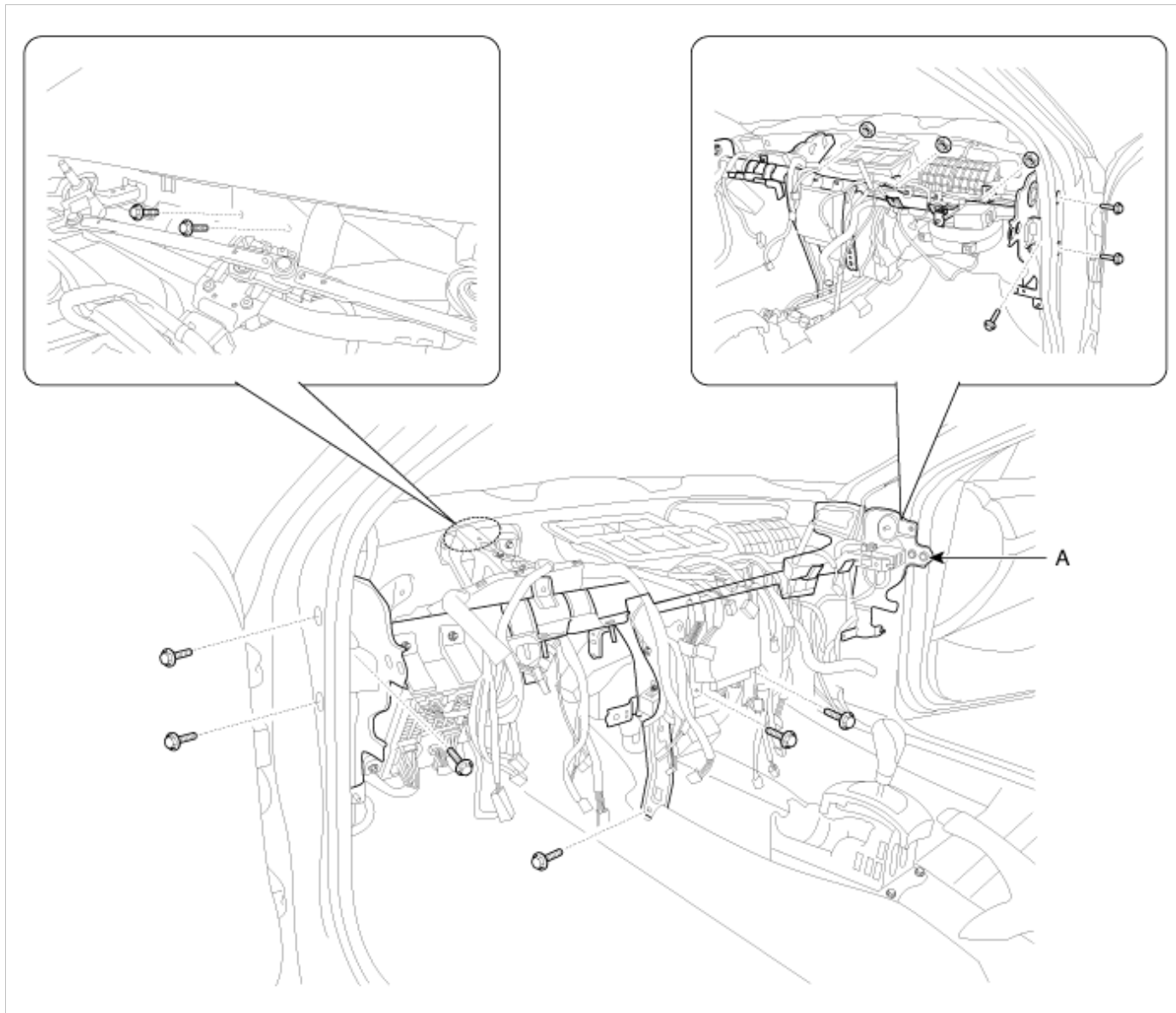
5. Disconnect the passenger compartment junction box connectors.



6. Disconnect the airbag control module (SRSCM) connectors (A).



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



8. Installation is the reverse of removal.

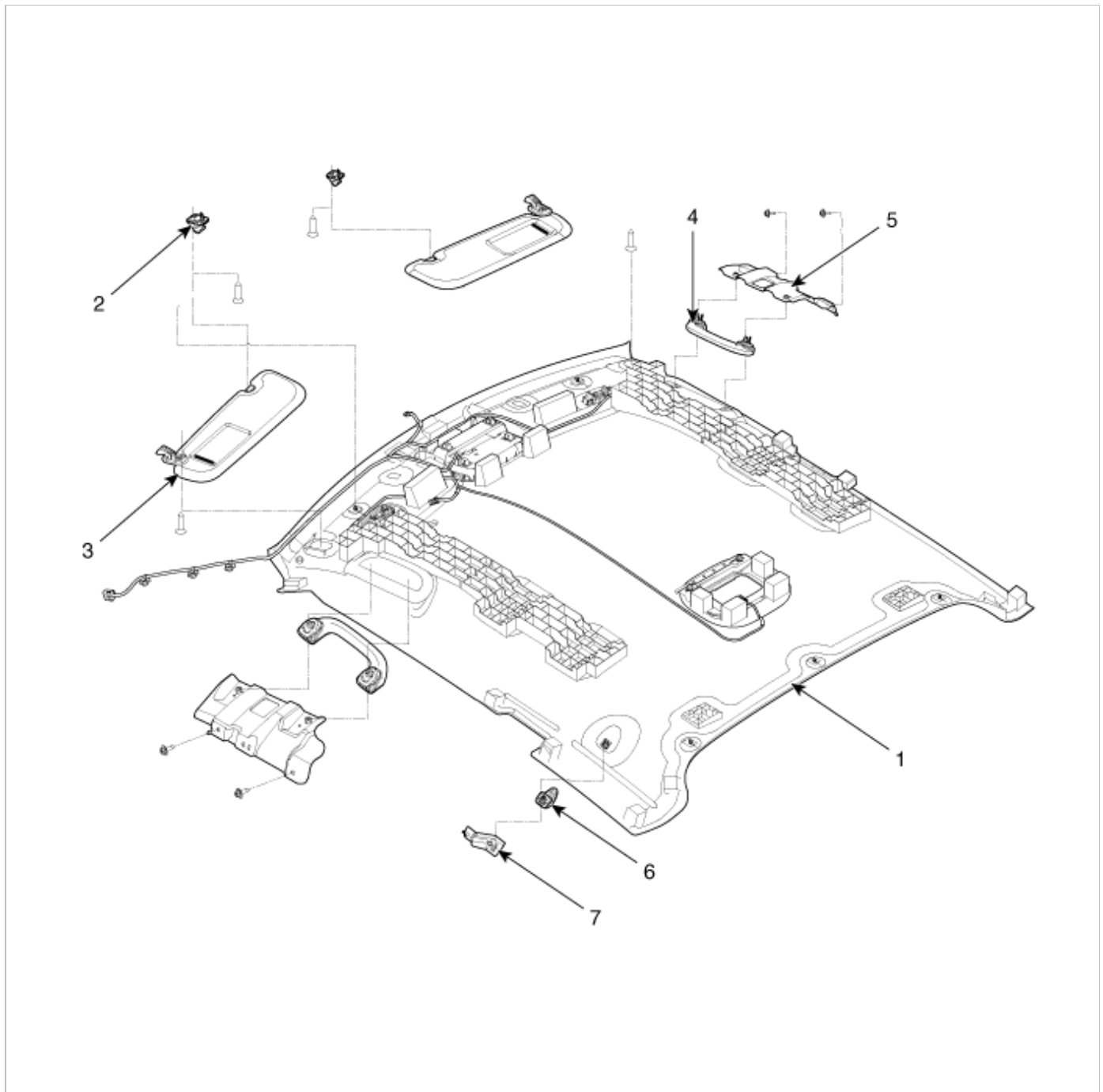
**NOTE**

- Make sure the connectors are connected in properly.
- Replace any damaged clips.

**Body (Interior and Exterior) > Interior > Roof Trim > Components and Components Location**

**Components**

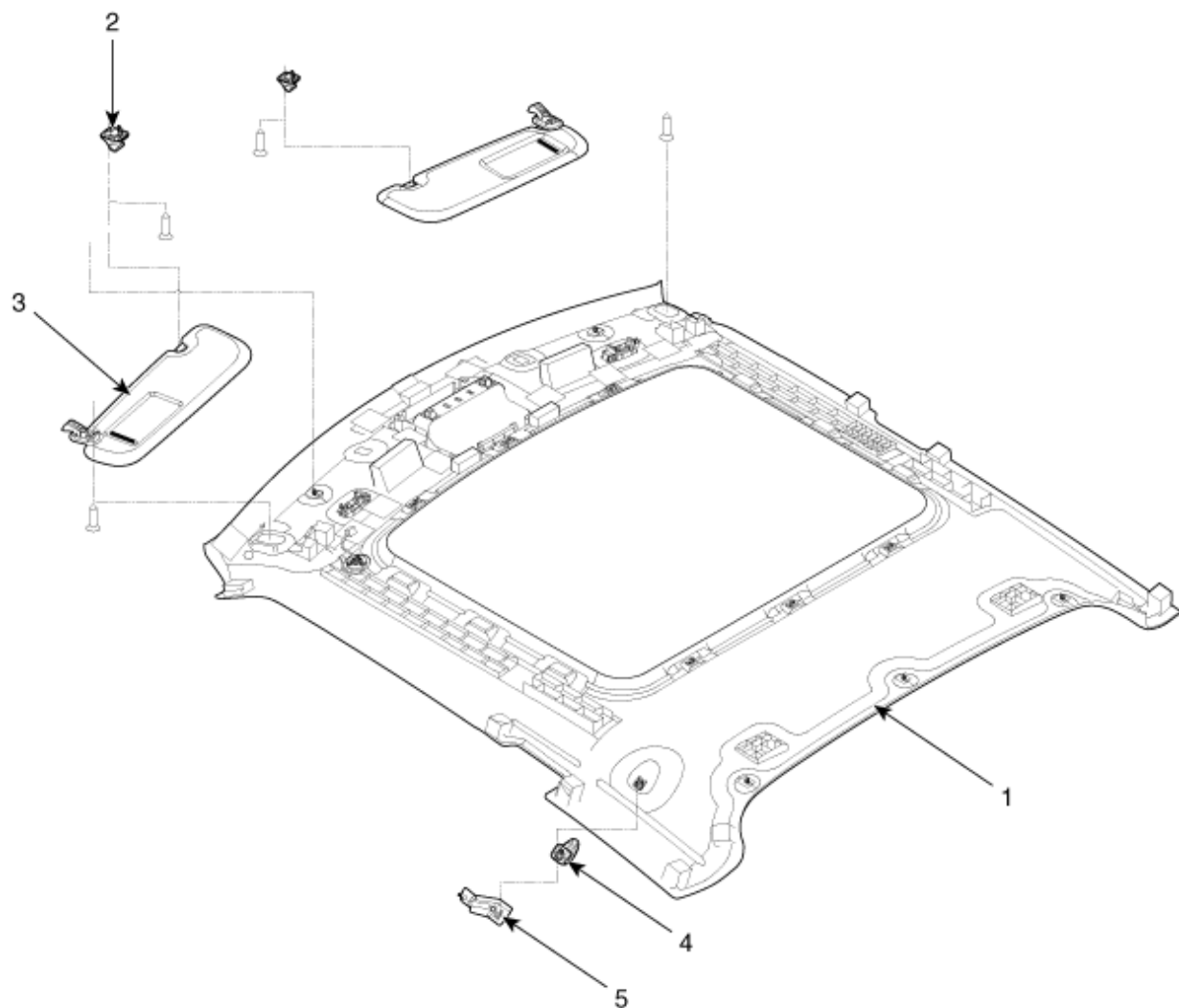
[General Type]



1. Roof trim	5. Assist handle bracket assembly
2. Retainer	6. Garment hook assembly
3. Sunvisor	7. Coat hook mounting bracket assembly
4. Assist handle	

**Components**

[Panoramarroof Type]



1. Roof trim
2. Retainer
3. Sunvisor

4. Garment hook assembly
5. Coat hook mounting bracket assembly

## Body (Interior and Exterior) > Interior > Roof Trim > Repair procedures

### Replacement

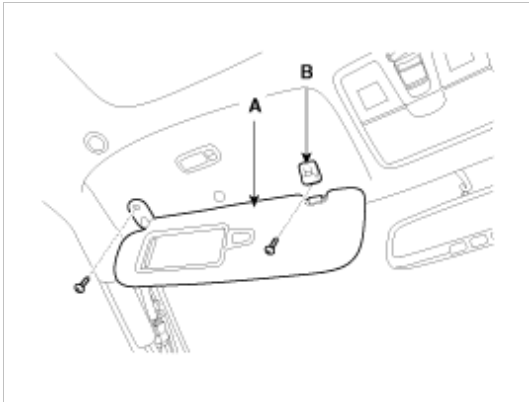
#### Sunvisor Replacement

##### CAUTION

- Use a plastic panel removal tool to remove interior trim pieces to without marring the surface.

- Put on gloves to protect your hands.

1. After loosening the mounting screws, then remove the sunvisor (A) and retainer (B).



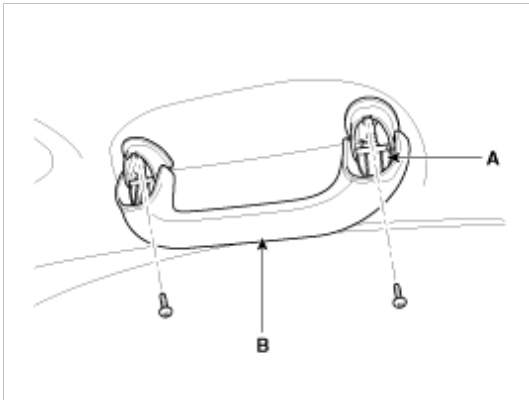
2. Installation is the reverse of removal.

## Assist Handle Replacement

### CAUTION

- Use a plastic panel removal tool to remove interior trim pieces to without marring the surface.
- Put on gloves to protect your hands.

1. Remove the covers (A).
2. After loosening the mounting screws, then remove the assist handle (B).



3. Installation is the reverse of removal.

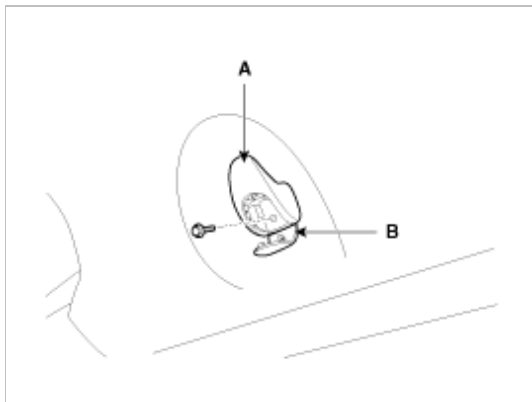
## Garment Hook Assembly Replacement

### CAUTION

- Use a plastic panel removal tool to remove interior trim pieces to without marring the surface.
- Put on gloves to protect your hands.

1. Remove the cover (B).
2. After loosening the mounting bolt, then remove the garment hook assembly (A).





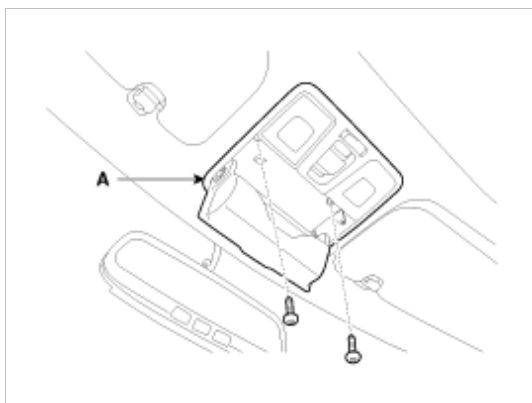
3. Installation is the reverse of removal.

## Overhead Console Replacement

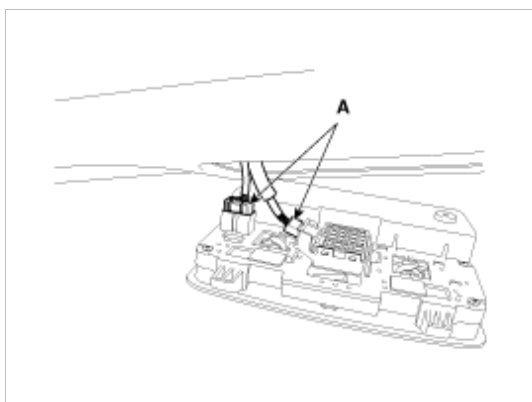
### CAUTION

- Use a plastic panel removal tool to remove interior trim pieces to without marring the surface.
- Put on gloves to protect your hands.

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



2. Disconnect the connectors (A).



3. Installation is the reverse of removal.

### NOTE

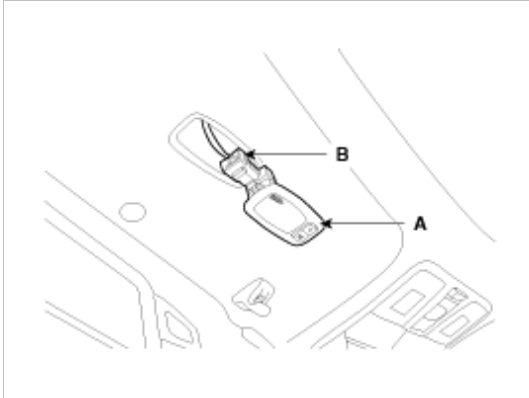
- Make sure the connector is connected properly.

## Vanity Lamp Replacement

#### CAUTION

- Use a plastic panel removal tool to remove interior trim pieces to protect from marring the surface.
- Put on gloves to protect your hands.

1. Using a screwdriver or remover, remove the vanity lamp (A).
2. Disconnect the vanity lamp connector (B).



3. Installation is the reverse of removal.

#### NOTE

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

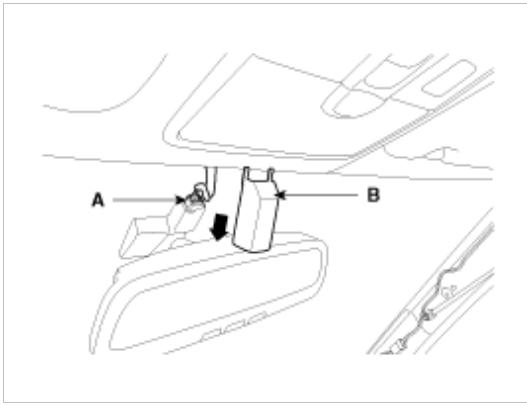
## Roof Trim Replacement

#### CAUTION

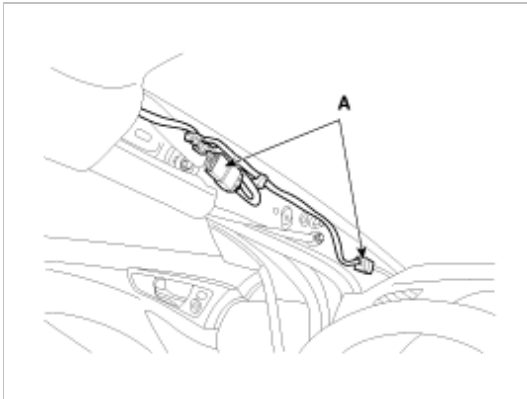
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.

1. Remove the following items.
  - A. Front seat  
(Refer to the BD group - "Front Seat")
  - B. Rear seat  
(Refer to the BD group - "Rear Seat")
  - C. Sunvisor
  - D. Overhead console
  - E. Garment hook assembly
  - F. Assist handle
  - G. Front pillar trim  
(Refer to the BD group - "Interior Trim")
  - H. Front door scuff trim & Rear door scuff trim  
(Refer to the BD group - "Interior Trim")
  - I. Center pillar lower trim & Center pillar upper trim  
(Refer to the BD group - "Interior Trim")
  - J. Luggage side trim  
(Refer to the BD group - "Interior Trim")
  - K. Rear pillar trim  
(Refer to the BD group - "Interior Trim")
2. Remove the ECM mirror cover (B).

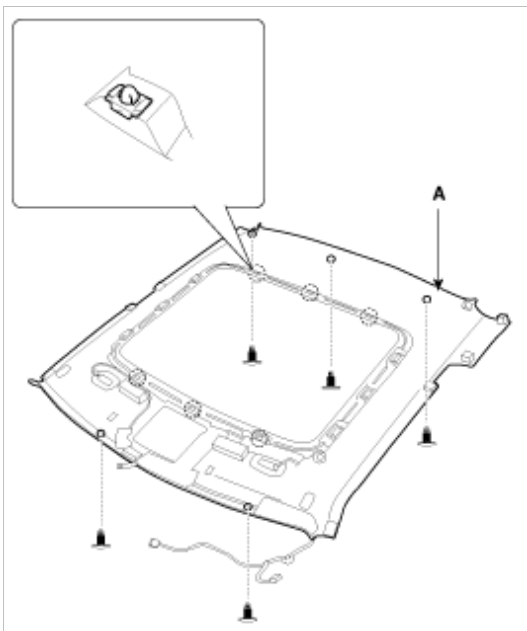
3. Disconnect the ECM mirror connector (A).



4. Disconnect the connector (A) and the mounting clips in the front pillar.



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



6. Installation is the reverse of removal.

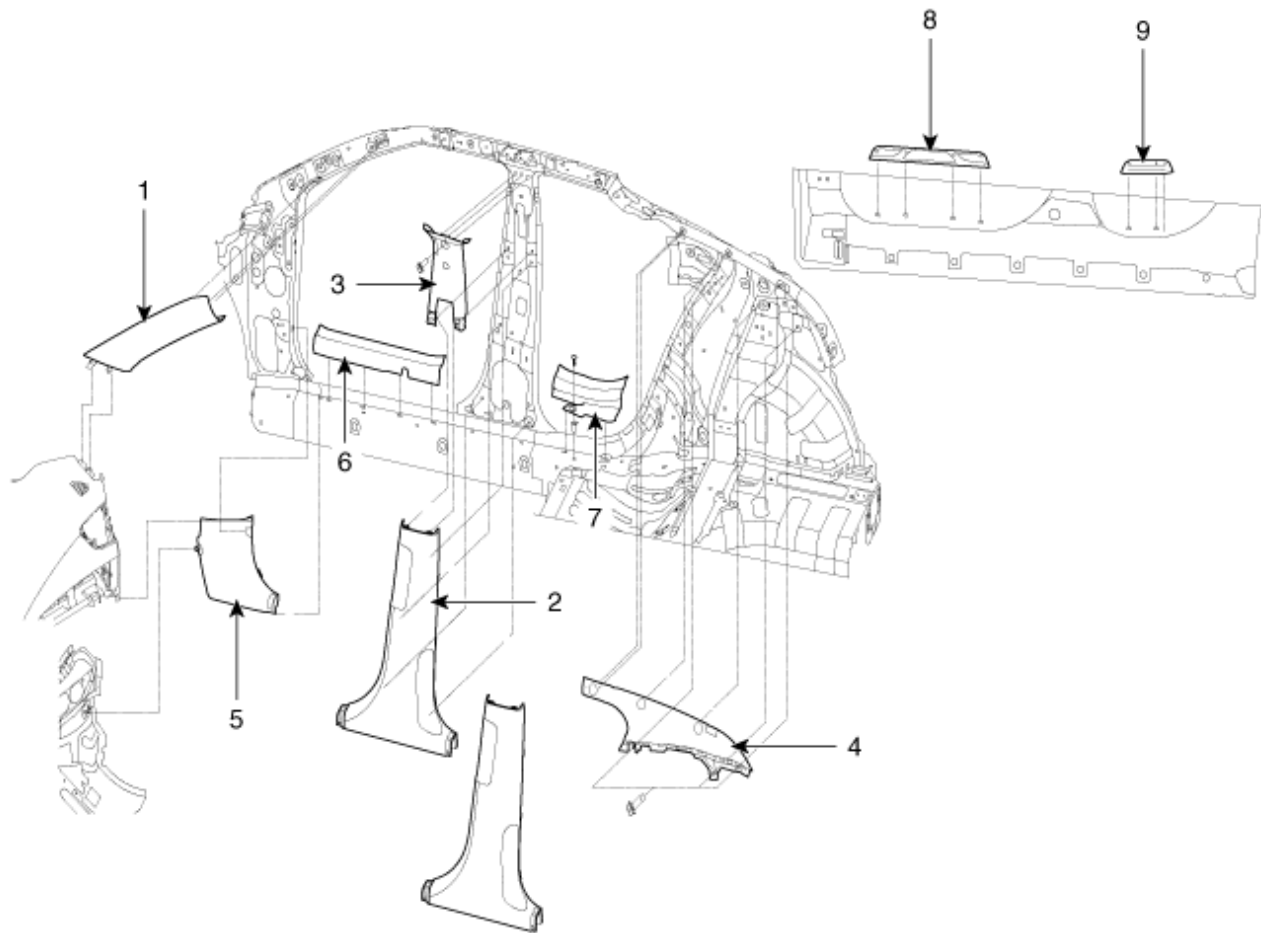
**NOTE**

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

## Location

### Components

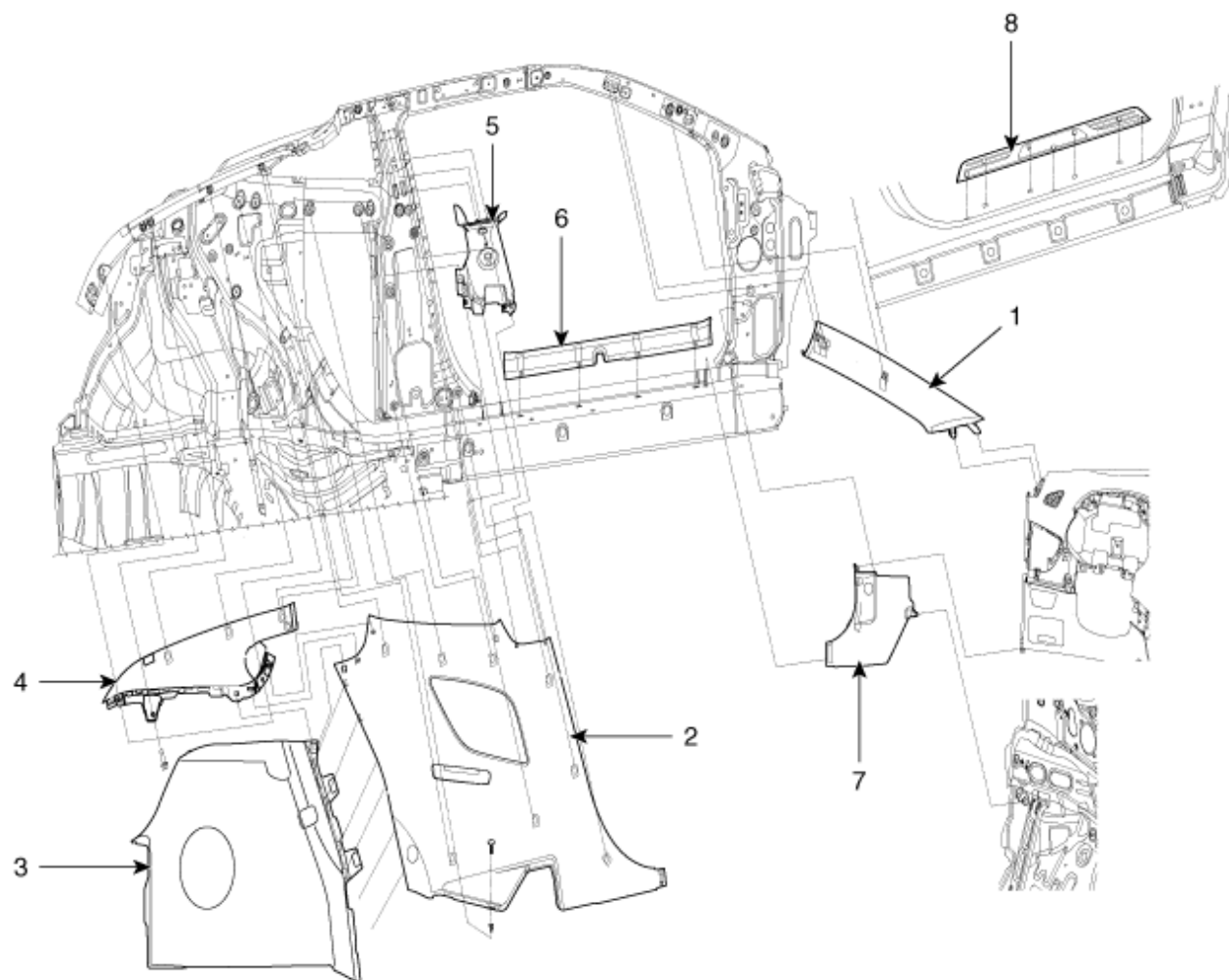
[RH]



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

6. Front door scuff trim
7. Rear door scuff trim
8. Front door step trim
9. Rear door step trim

[LH]



1. Front pillar trim
2. Center pillar lower trim
3. Luggage side trim
4. Rear pillar trim

5. Center pillar upper trim
6. Front door scuff trim
7. Cowl side trim
8. Front door step trim

## Body (Interior and Exterior) > Interior > Interior Trim > Repair procedures

### Replacement

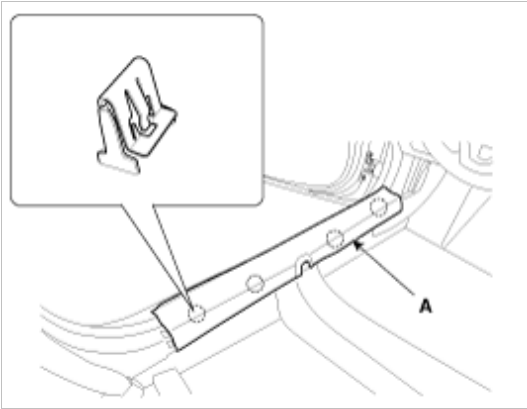
#### Door Scuff Trim Replacement

**CAUTION**

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

1. Using a screwdriver or remover, remove the front door scuff trim (A).

**[Front]**

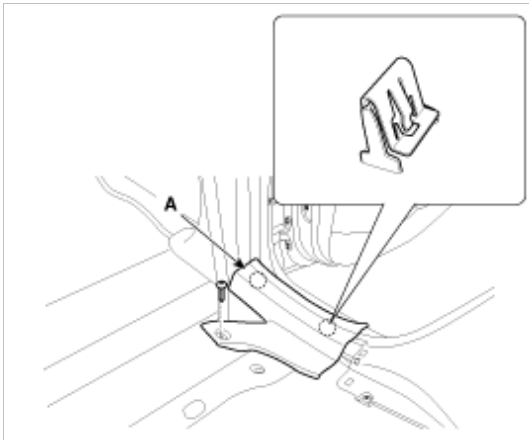


2. Remove the rear seat cushion.

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

3. After loosening the mounting screw, then remove the rear door scuff trim (A).

**[Rear]**



4. Installation is the reverse of removal.

**NOTE**

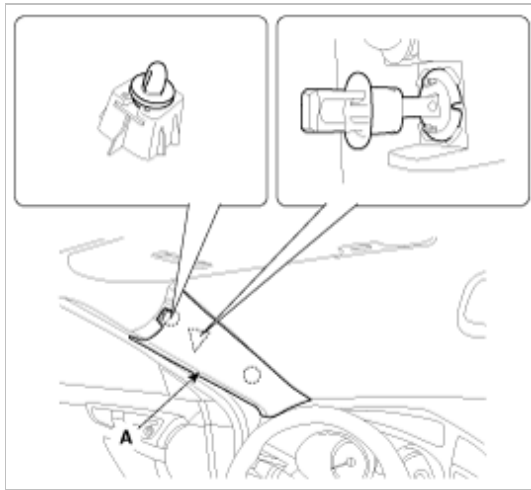
- Replace any damage clips.

## Front Pillar Trim Replacement

**CAUTION**

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

1. Using a screwdriver or remover, remove the front pillar trim (A).



2. Installation is the reverse of removal.

**NOTE**

- Replace any damage clips.

## Cowl Side Trim Replacement

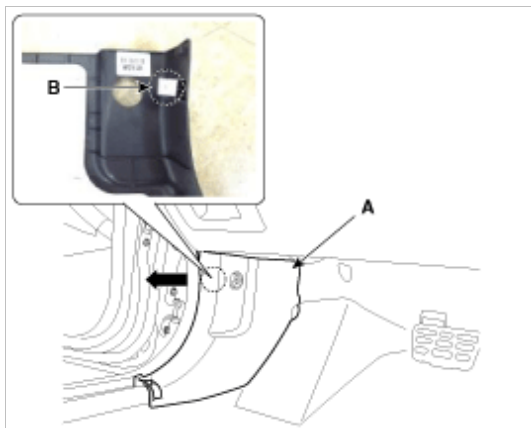
**CAUTION**

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

1. Remove the front door scuff trim.
2. Remove the hood latch release handle.  
(Refer to the BD group - "Hood")
3. Using a screwdriver or remover, remove the cowl side trim (A).

**CAUTION**

- Be careful not to damage the cowl side trim clip (B).
- Pull the cowl side trim as direction of the arrow and then remove the trim.



4. Installation is the reverse of removal.

**NOTE**

- Replace any damage clips.

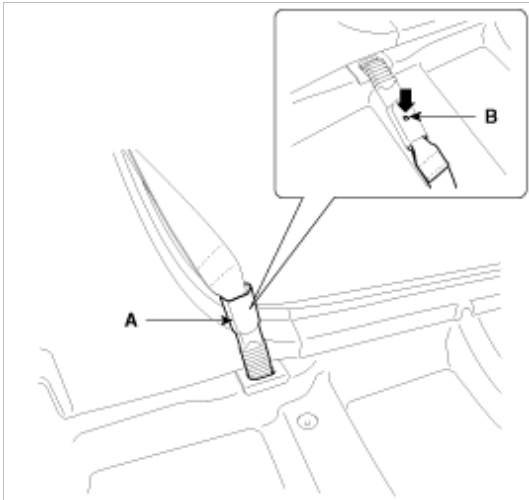
## Center Pillar Trim Replacement

### CAUTION

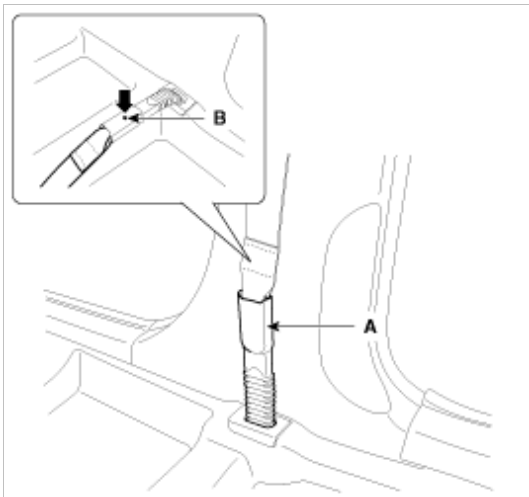
- Put on gloves to protect your hands.
- Use a plastic panel removal tool to remove interior trim pieces to without marring the surface.
- Take care not to bend or scratch the trim and panels.

1. Remove the following items first :
  - A. Front door scuff trim  
(Refer to the BD group – “Interior Trim”).
  - B. Rear door scuff trim [RH]  
(Refer to the BD group – “Interior Trim”).
2. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
3. The seat belt anchor pretensioner (A) be removed after pushing the lock pin (B) as arrow direction.

[LH]



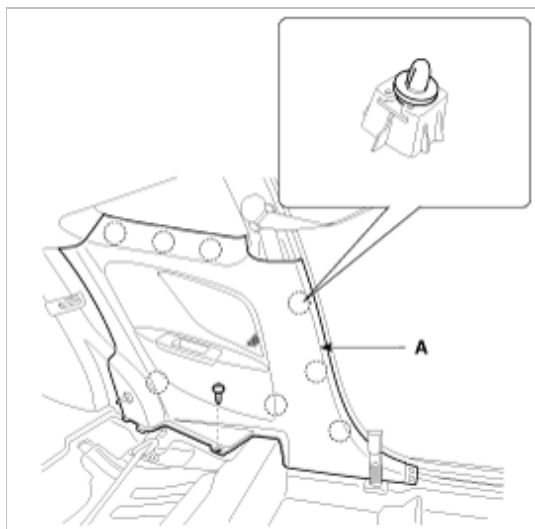
[RH]



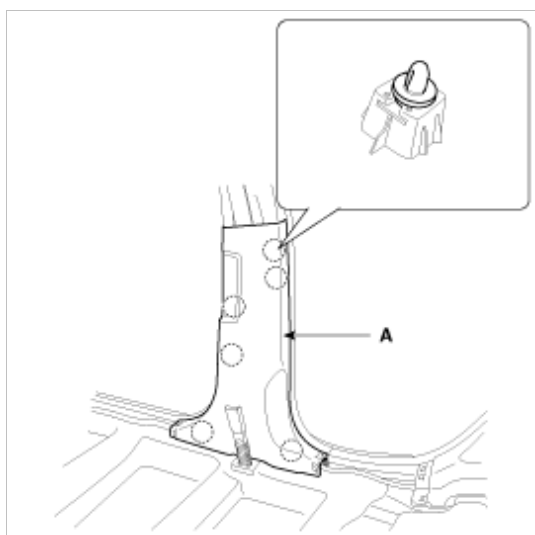
4. Using a screwdriver or remover, remove the center pillar lower trim (A).

[LH]



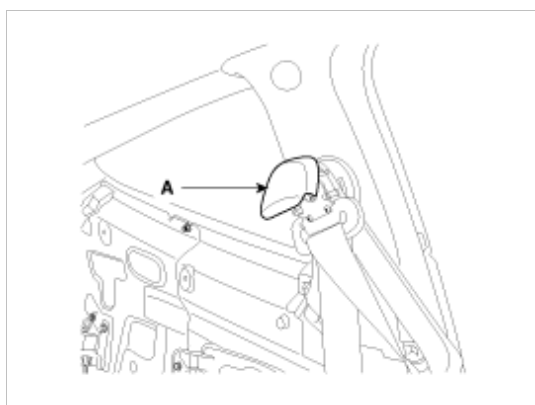


[RH]



5. Using a screwdriver or remover, remove the front seat belt upper anchor cover (A).

[LH]



[RH]



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

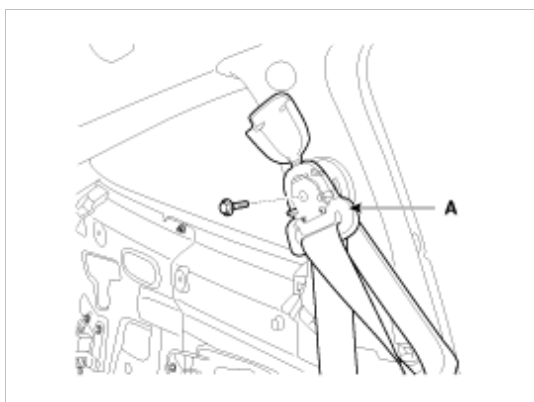
[LH]

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**Tightening torque :**

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

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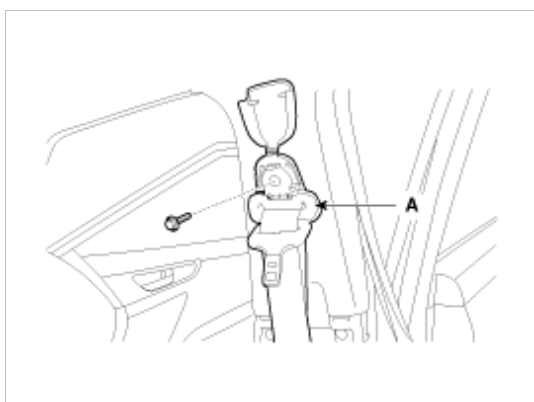
[RH]

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**Tightening torque :**

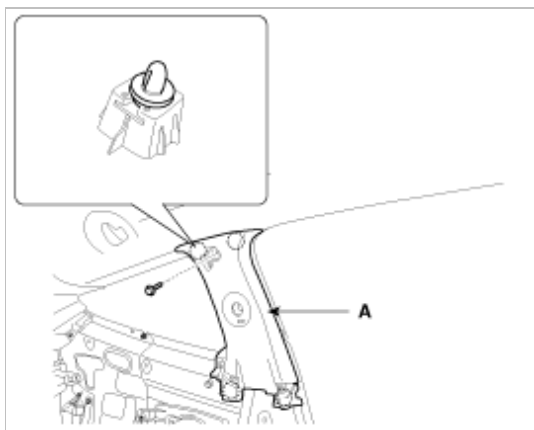
39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)

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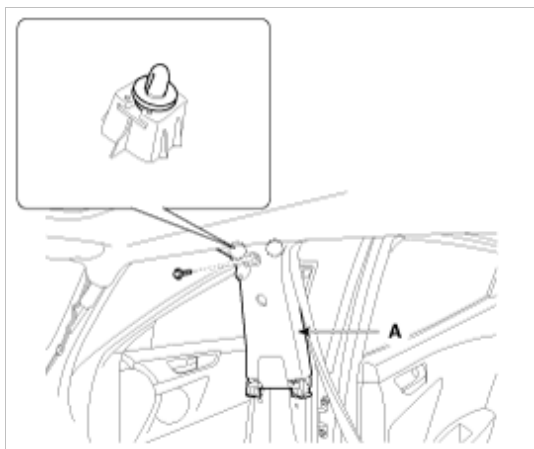


7. After loosening the mounting bolt, then remove the center pillar upper trim (A).

[LH]



[RH]



8. Installation is the reverse of removal.

**NOTE**

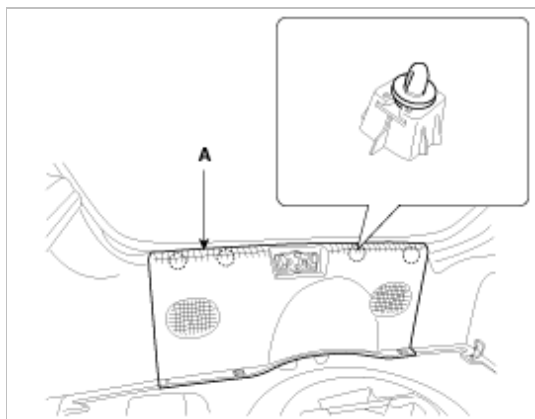
- Replace any damage clips.

## Rear Pillar Trim Replacement

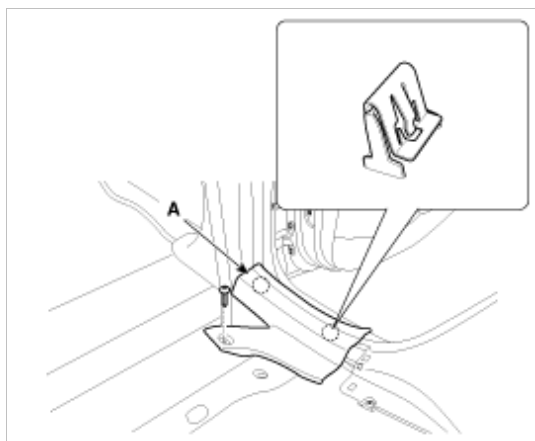
**CAUTION**

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

1. Remove the rear seat.  
(Refer to the BD group – “Rear Seat”)
2. Using a screwdriver or remover, remove the rear transverse trim (A).



3. After loosening the mounting screw, then remove the rear door scuff trim (A).



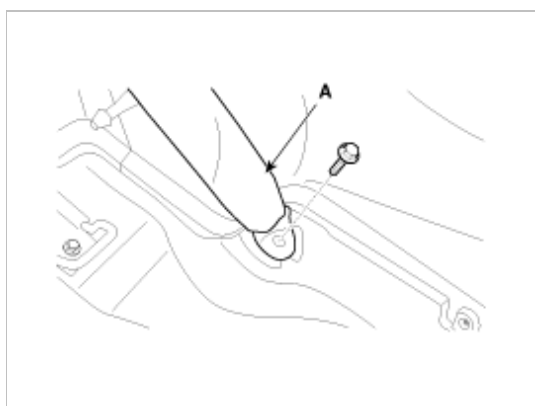
4. After loosening the mounting bolt, then remove the rear seat belt lower anchor (A).  
[LH, RH]

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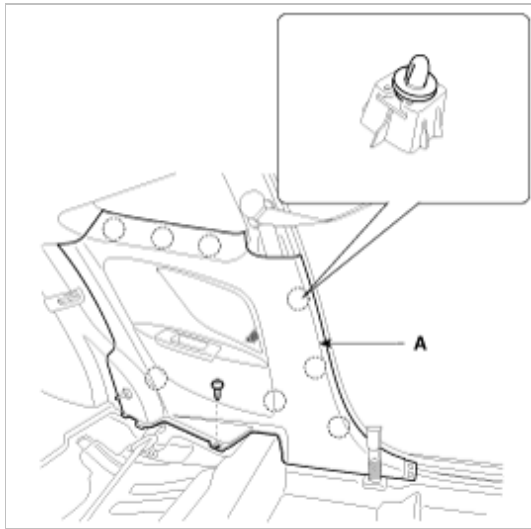
**Tightening torque :**

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

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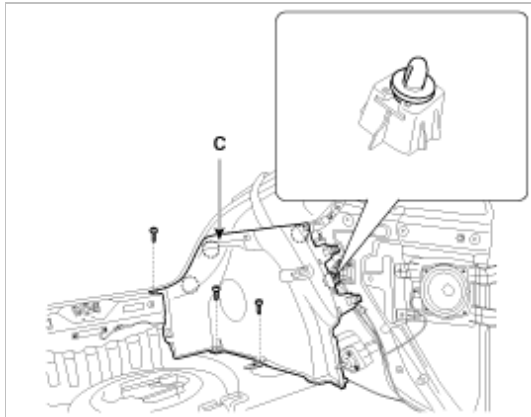


5. Using a screwdriver or remover, remove the center pillar lower trim (A).  
[LH]

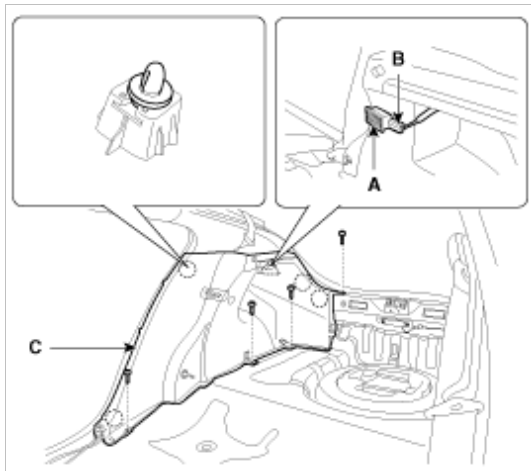


6. Using a screwdriver or remover, remove the luggage side trim lamp (A).
7. Disconnect the luggage side trim lamp connector (B).
8. After loosening the mounting screws, then remove the luggage side trim (C).

[LH]

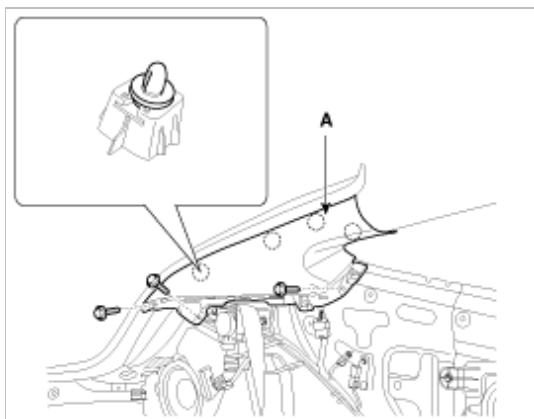


[RH]

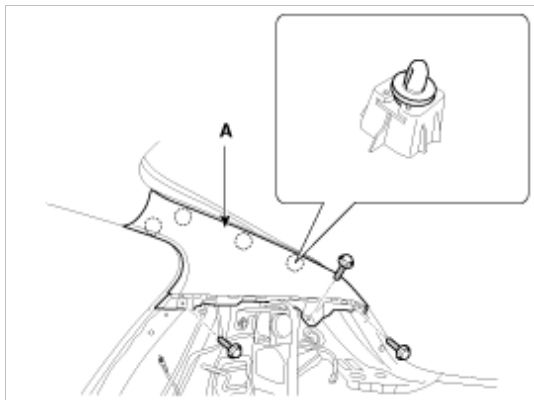


9. After loosening the mounting bolts, then remove the rear pillar trim (A).

[LH]



[RH]



10. Installation is the reverse of removal.

#### NOTE

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

## Luggage Side Trim Replacement

#### CAUTION

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

1. Remove the following items first :

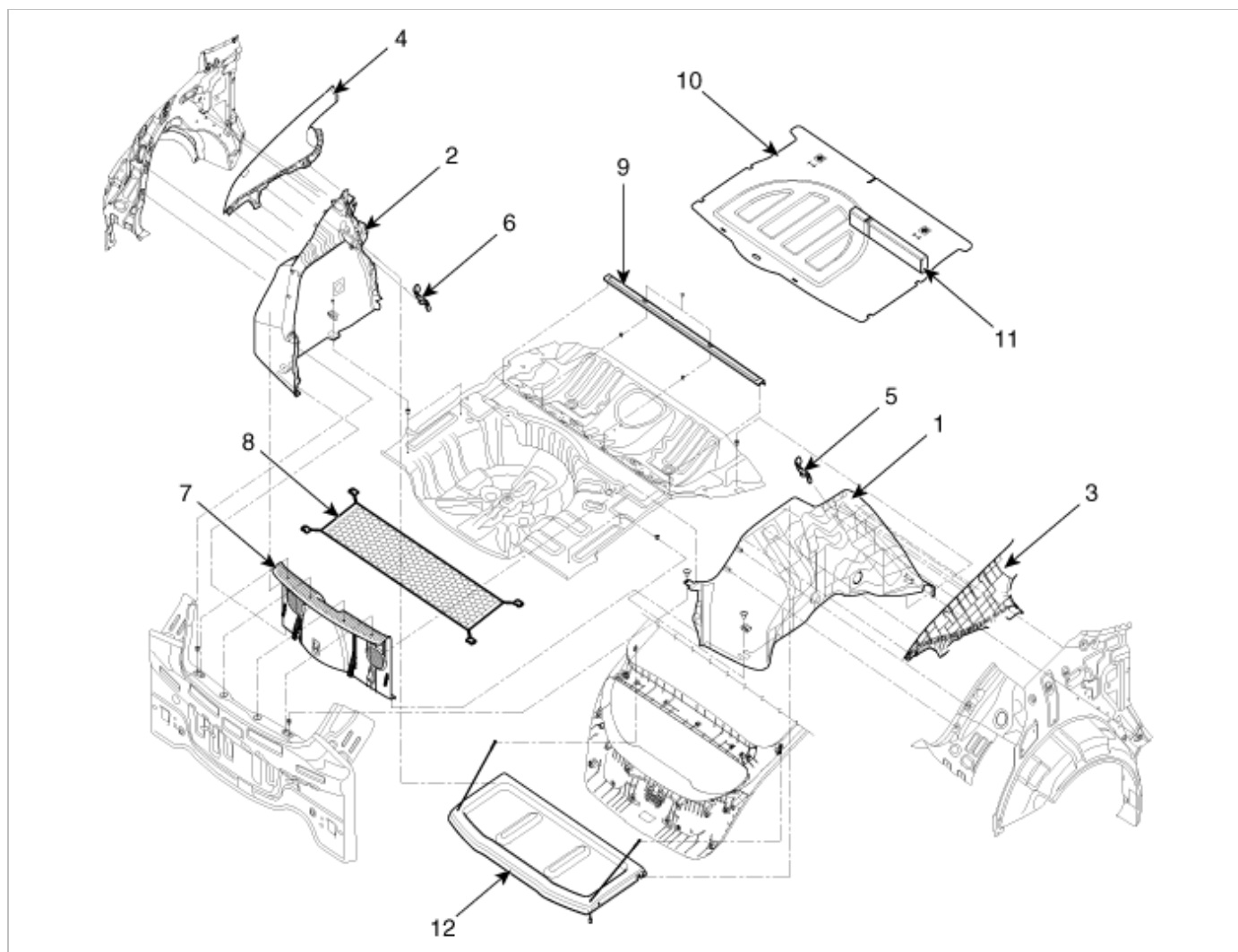
- Rear seat assembly  
(Refer to the BD group - "Rear Seat")
- Front door scuff trim [LH]
- Center pillar lower trim [LH]
- Rear door scuff trim [RH]
- Rear transverse trim

2. After loosening the mounting screws, then remove the luggage side trim.

3. Installation is the reverse of removal.

#### NOTE

- Replace any damage clips.

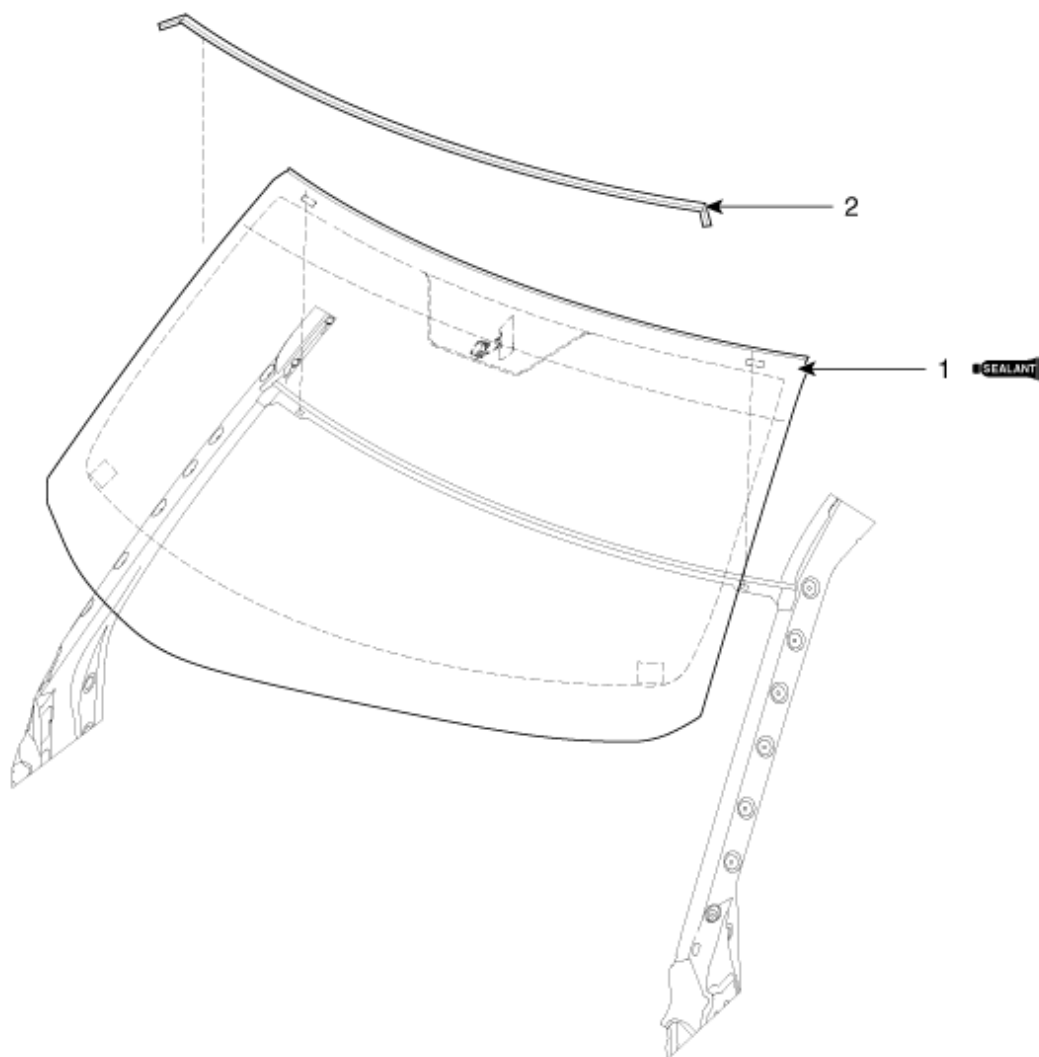


1. Luggage side trim [RH]
2. Luggage side trim [LH]
3. Rear pillar trim [RH]
4. Rear pillar trim [LH]
5. Luggage rear cover [RH]
6. Luggage rear cover [LH]

7. Rear transverse trim
8. Luggage net assembly
9. Load floor front trim
10. Luggage covering mat
11. Car warning triangle assembly
12. C pillar shelf center trim

## Body (Interior and Exterior) > Interior > Windshield Glass > Components and Components Location

### Components



1. Windshield glass

2. Windshield glass upper molding

## Body (Interior and Exterior) > Interior > Windshield Glass > Repair procedures

### Replacement

#### Removal

#### CAUTION

- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surfaces.

1. Remove the following items.



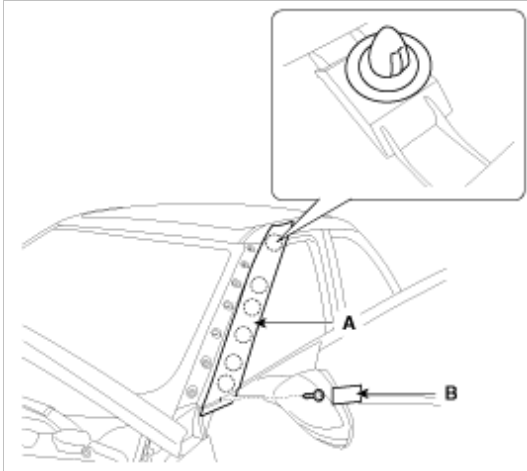
- A. Front pillar trim  
(Refer to the BD group – “Interior Trim”)
  - B. Inside rear view mirror  
(Refer to the BD group – “Mirror”)
  - C. Wiper arm  
(Refer to the BD group – “Cowl Top Cover”)
  - D. Cowl top cover  
(Refer to the BD group – “Cowl Top Cover”)
2. To remove the A pillar garnish (A), loosen the mounting screw after removing the cap (B).

---

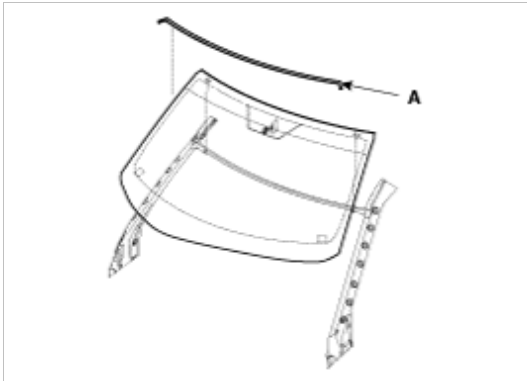
**Tightening torque :**

0.5 ~ 1.0N.m (0.05 ~ 0.1kgf.m, 0.4 ~ 0.7 lb-ft)

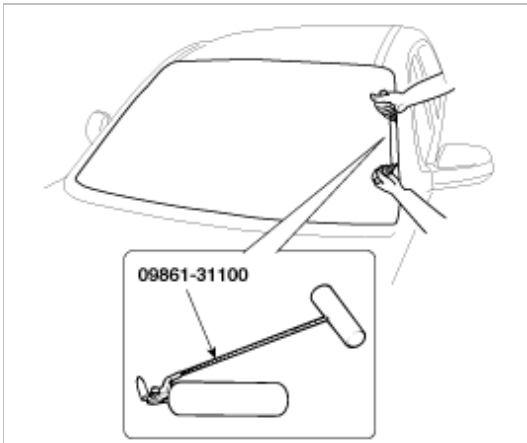
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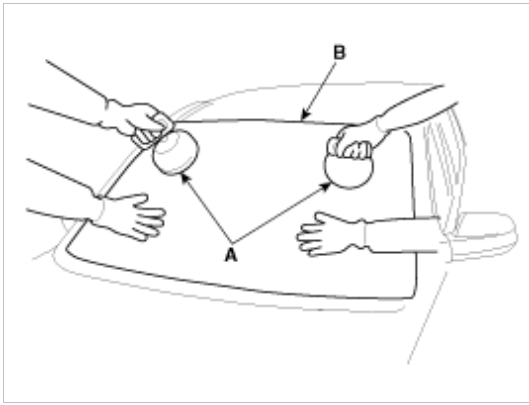
3. Using a screwdriver or remover, remove the windshield glass upper molding (A).



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

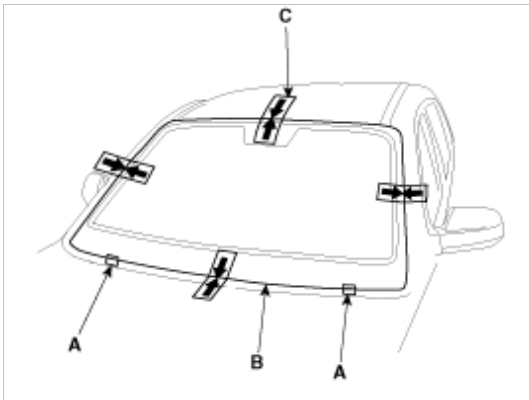


5. Remove the windshield glass (B) carefully using the glass holder (A).

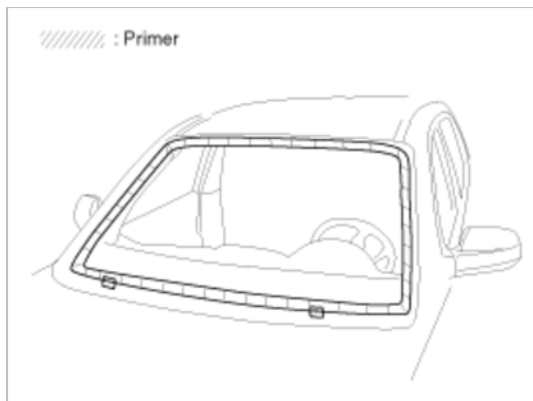


### Installation

1. With a knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire windshield opening flange:
  - A. Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
  - B. Remove the rubber dam and fasteners from the body.
  - C. Mask off surrounding surfaces before painting
2. Clean the bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.
3. Install the spacer (A) install the windshield glass (B) temporarily with marking sure to position them on the center, and then place the alignment mark (C).



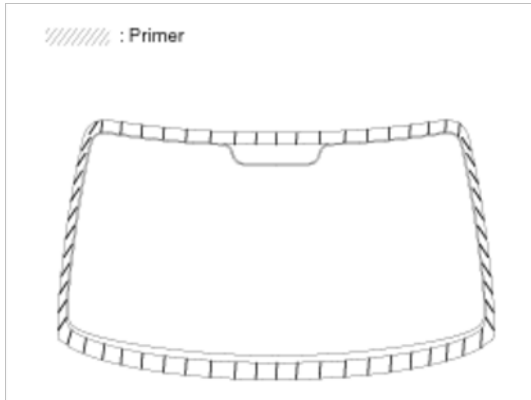
4. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes.
  - A. Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
  - B. Never touch the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



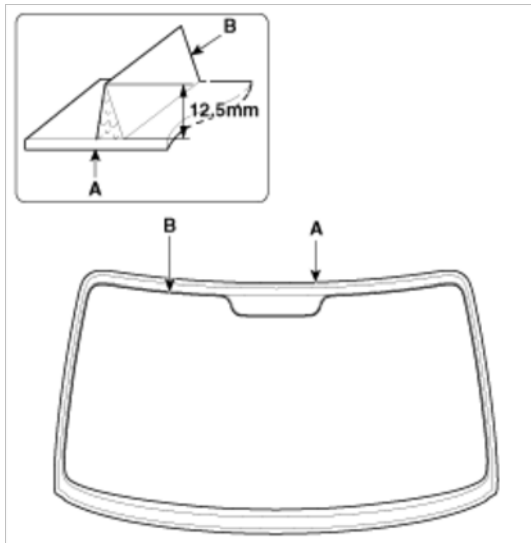
5. Apply a light coat of glass primer to the outside of the fasteners.

## NOTE

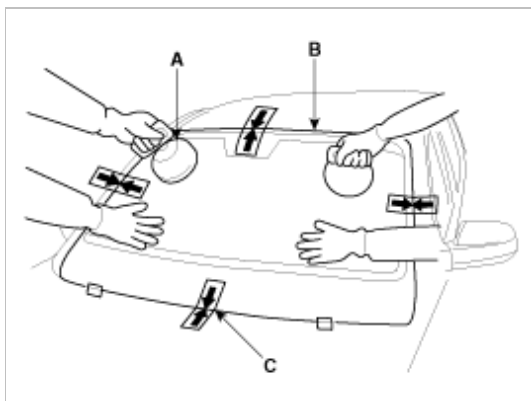
- Never touch the primed surface with your hand. If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the primer.



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



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



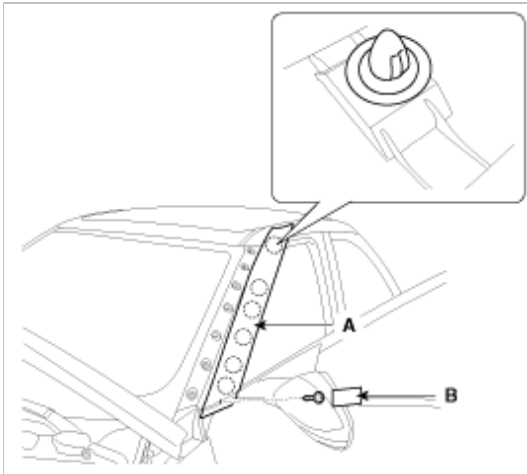
8. Install the A pillar garnish (A) and then install the A pillar garnish mounting screw, cap (B).

---

**Tightening torque :**

0.5 ~ 1.0N.m (0.05 ~ 0.1kgf.m, 0.4 ~ 0.7 lb-ft)

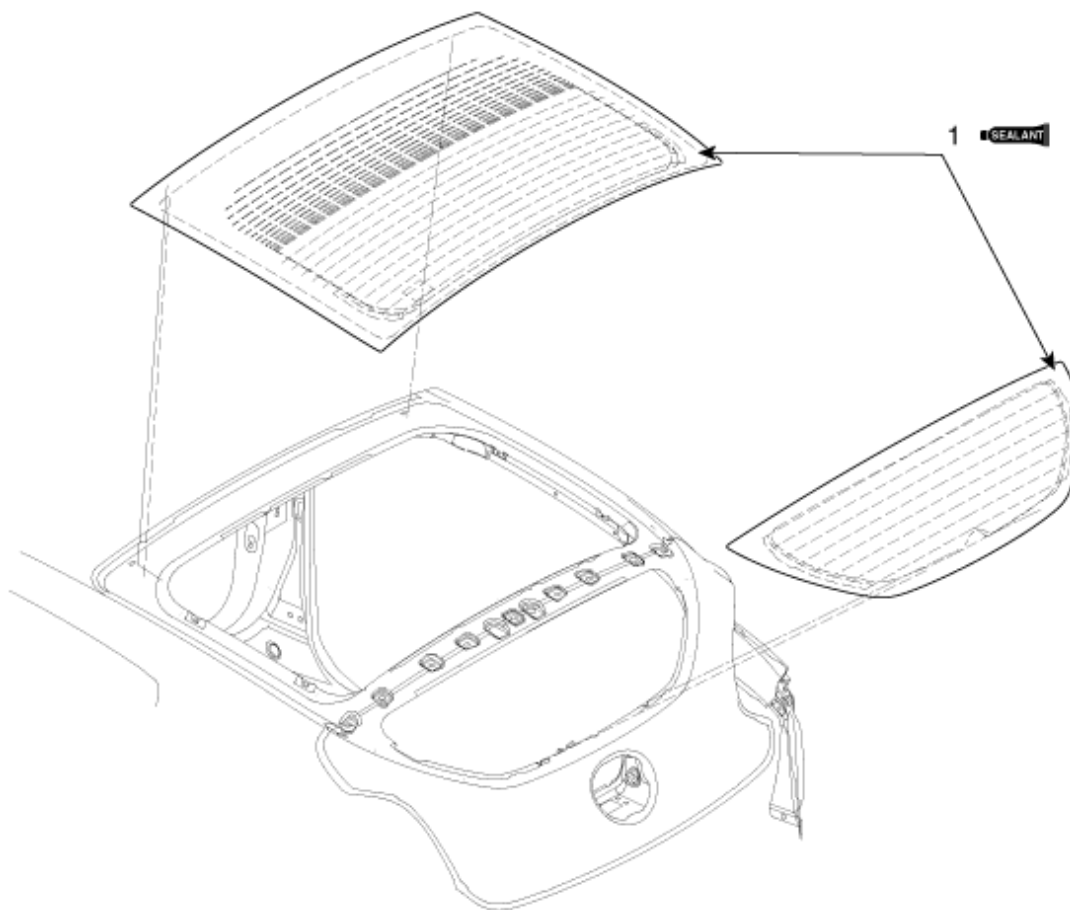
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9. Scrape or wipe the excess adhesive off with a putty knife or towel. To remove adhesive from a painted surface or the windshield, wipe with a soft shop towel dampened with alcohol.
10. Let the adhesive dry for at least one hour, then spray water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

<b>Body (Interior and Exterior) &gt; Interior &gt; Tailgate Glass &gt; Components and Components Location</b>
---

## Components



1. Tail gate glass

## Body (Interior and Exterior) > Interior > Tailgate Glass > Repair procedures

### Replacement

#### NOTE

- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surfaces.

1. Remove the following items.
  - A. Tail gate frame upper trim & Tail gate center trim

(Refer to the BD group - "Tail Gate")

B. Tail gate trim

(Refer to the BD group - "Tail Gate")

C. Tail gate frame side trim

(Refer to the BD group - "Tail Gate")

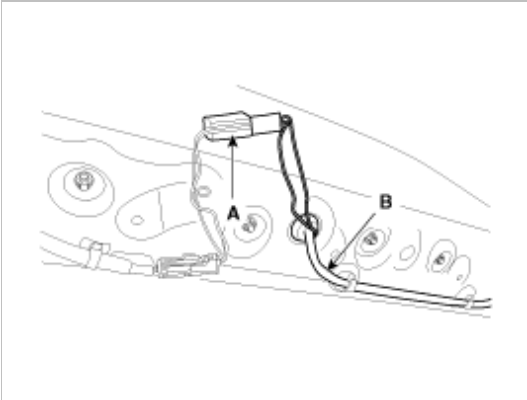
D. Tail gate glass heater connector

(Refer to the BE group - "Rear window defogger")

E. Rear wiper arm

(Refer to the BE group - "Rear Wiper/Washer")

2. Disconnect the washer nozzle (B) and high mounted stop lamp connector (A).



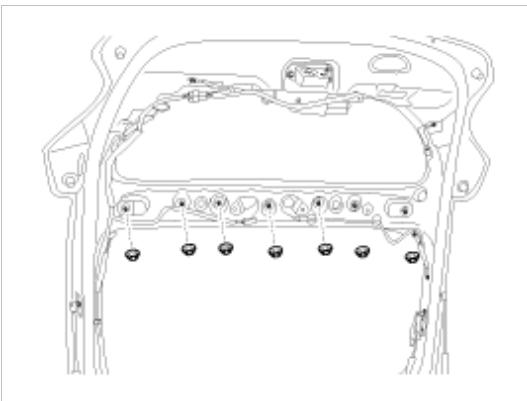
3. Loosen the rear spoiler mounting nuts.

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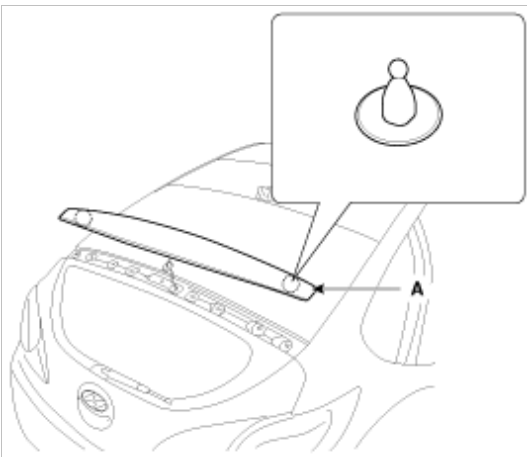
**Tightening torque :**

5.9 ~ 6.4 N.m (0.6 ~ 0.65 kgf.m, 4.3 ~ 4.7 lb-ft)

---



4. Remove the rear spoiler (A).

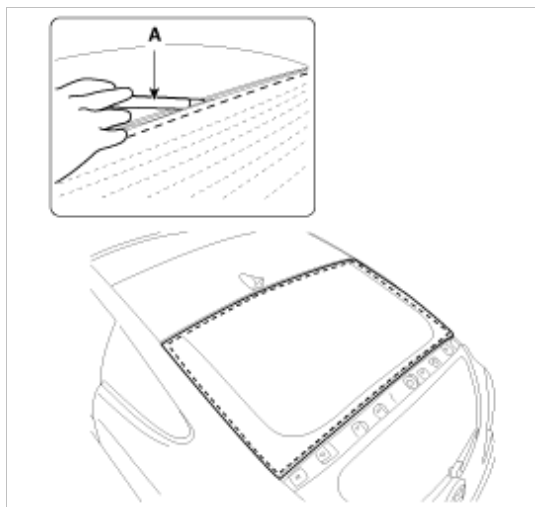


5. Spread the WD-40 on the side of tail gate glass.
6. Cut out the adhesive using the cutter (A).

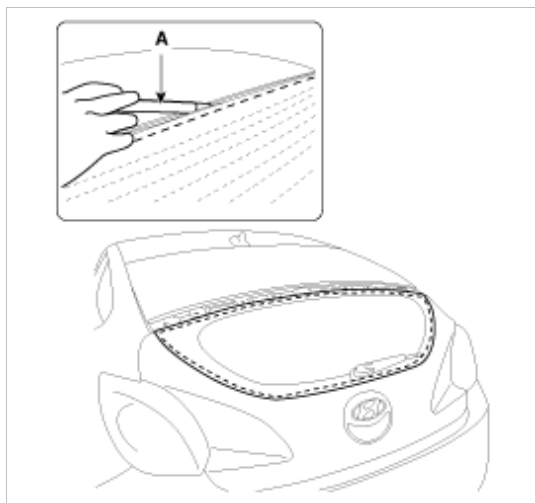
**NOTE**

- Please use the cutter with a blade length between 8-12 inches.

**[Front]**

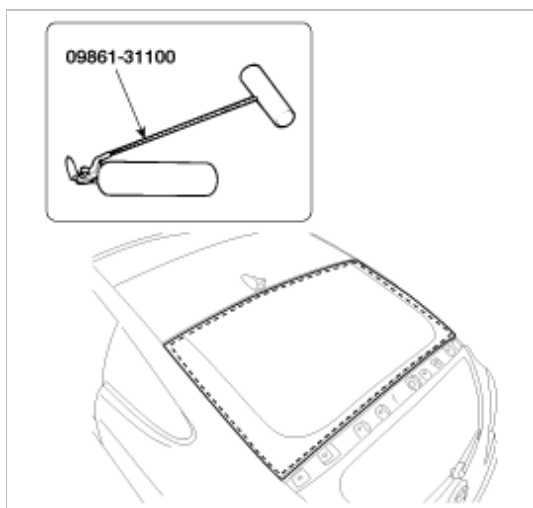


**[Rear]**

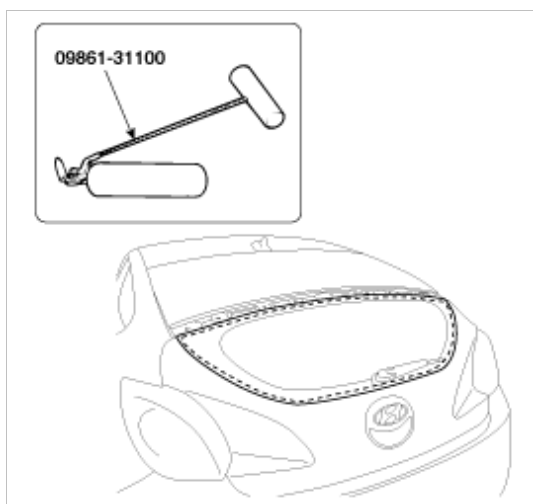


7. Enough on the upper, lower, side of tail gate glass. and then cut out the adhesive using the cutter tool (09861-31100).

**[Front]**



[Rear]

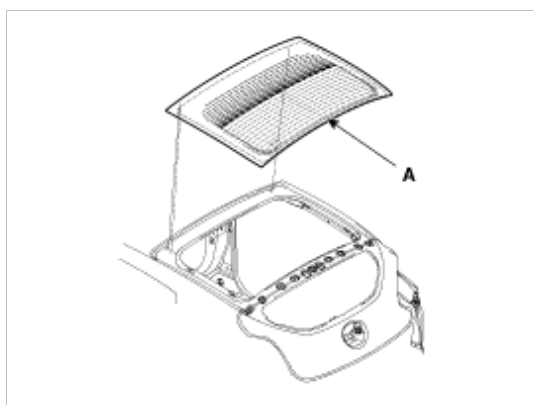


8. Remove the tail gate glass (A).

**NOTE**

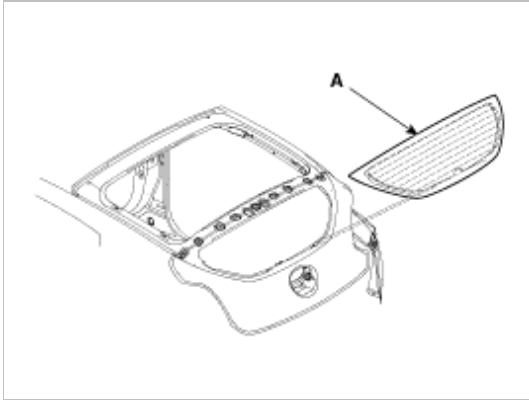
- When removing and installing the tail gate glass, an assistant is necessary.

[Front]



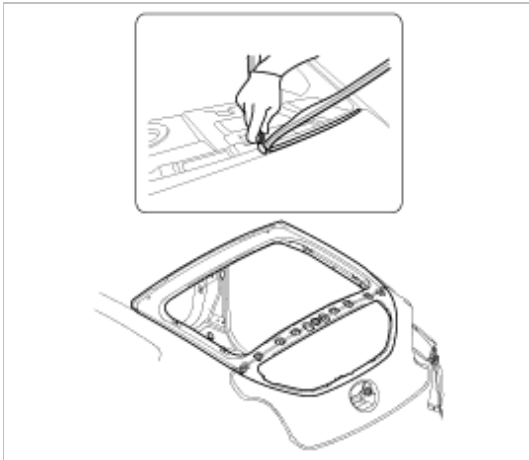
[Rear]





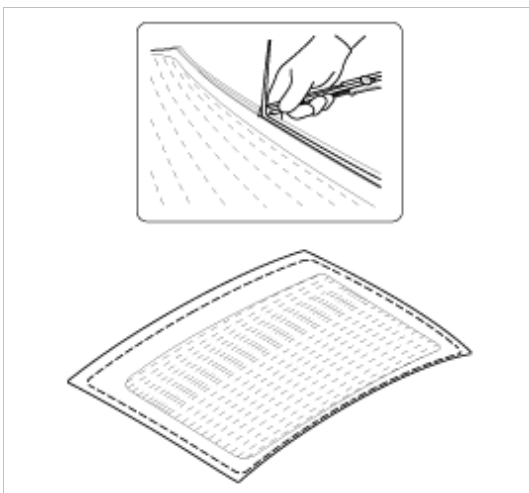
## Installation

1. With a knife, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire rear window glass opening flange :
  - A. Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
  - B. Remove the rubber dam and fasteners from the body.
  - C. Mask off surrounding surfaces before painting.

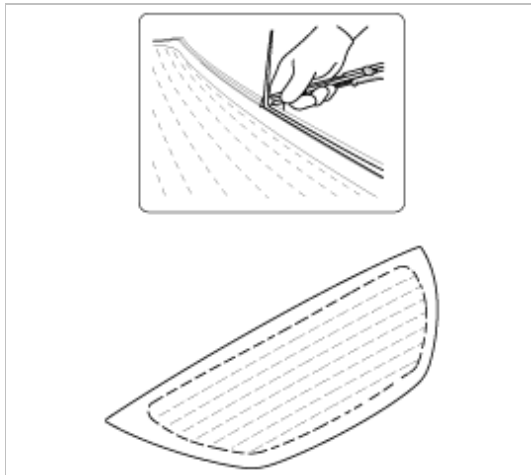


2. Clean the body bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.

**[Front]**



**[Rear]**

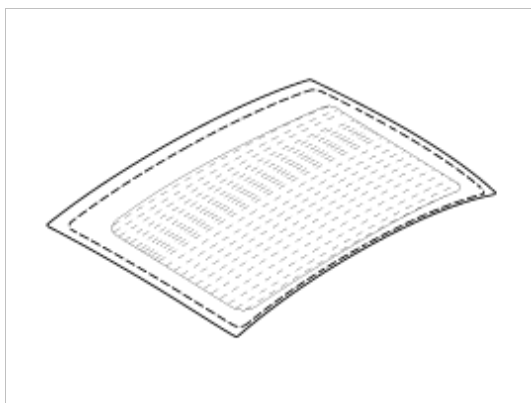


3. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes.
- A. Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
  - B. Never touch the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

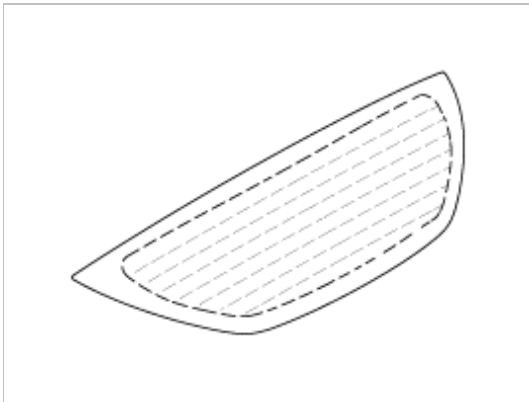


4. Apply a light coat of glass primer to the outside of the fasteners.
- A. Never touch the primed surface with your hand. If you do, the adhesive may not bond to the glass properly, causing a leak after the tailgate glass is installed.
  - B. Do not apply body primer to the glass.
  - C. Keep water, dust, and abrasive materials away from the primer.

**[Front]**

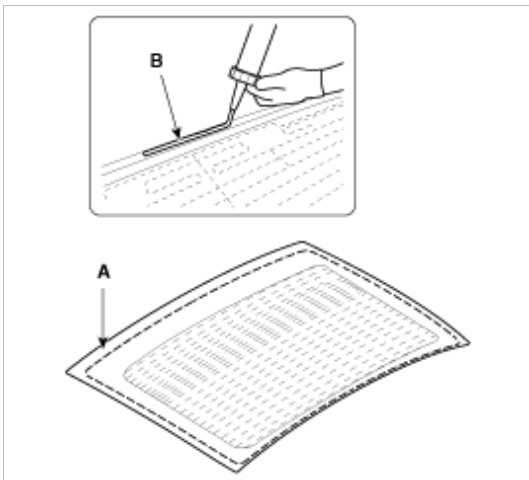


**[Rear]**

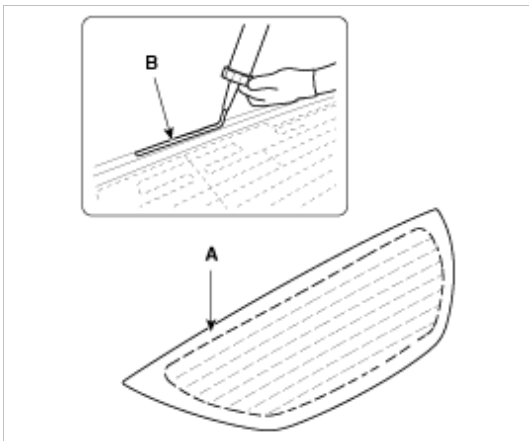


5. Pack adhesive into the cartridge without air pockets to ensure continuous delivery. Put the cartridge in a caulking gun, and run a bead of sealant (B) around the edge of the tail gate glass (A) as shown. Apply the adhesive within 30 minutes after applying the glass primer. Make a slightly thicker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

**[Front]**

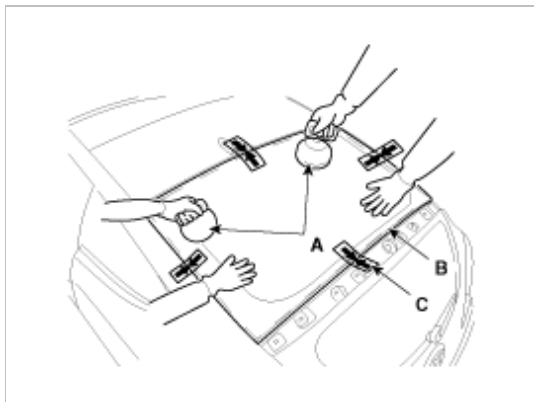


**[Rear]**

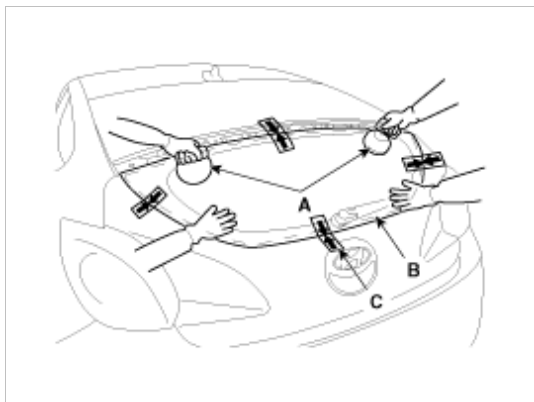


6. Use suction cups (A) to hold the tail gate glass (B) over the opening, align it with the alignment marks (C) made in step 15, and set it down on the adhesive. Lightly push on the windshield until its edges are fully seated on the adhesive all the way around. Do not open or close the doors until the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

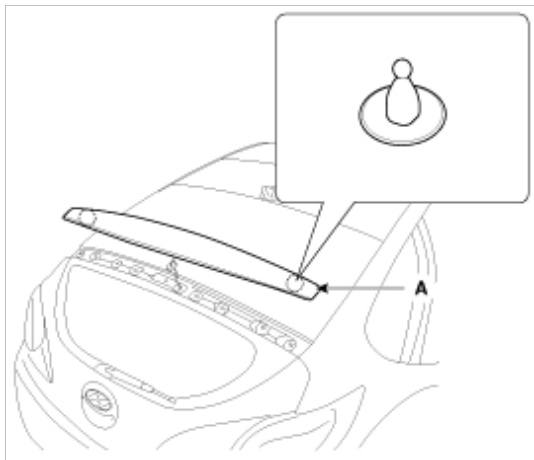
**[Front]**



[Rear]



7. Installation the rear spoiler (A).



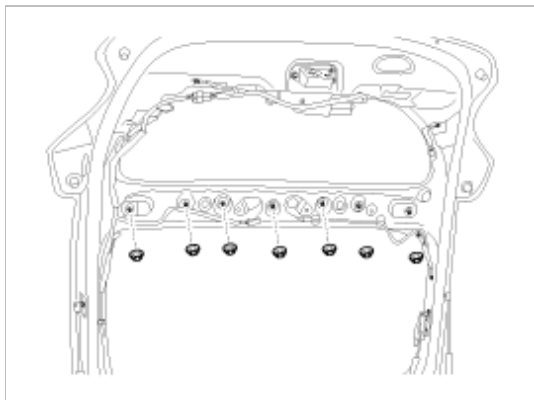
8. Installation the rear spoiler mounting nuts.

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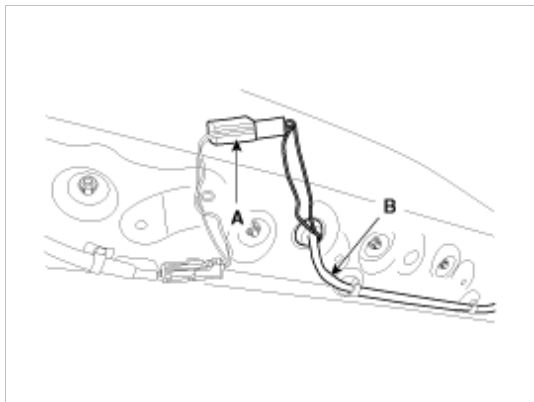
**Tightening torque :**

5.9 ~ 6.4 N.m (0.6 ~ 0.65 kgf.m, 4.3 ~ 4.7 lb-ft)

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9. Installation the washer nozzle (B) and high mounted stop lamp connector (A).



10. Let the adhesive dry for at least 3-4 hour, then spray water over the glass and check for leaks.

**CAUTION**

- Do not spray to adhesive area directly. Spray water over the glass and then spill water around the glass.

11. Areas may leak. Let the glass dry, then seal with adhesive.

**CAUTION**

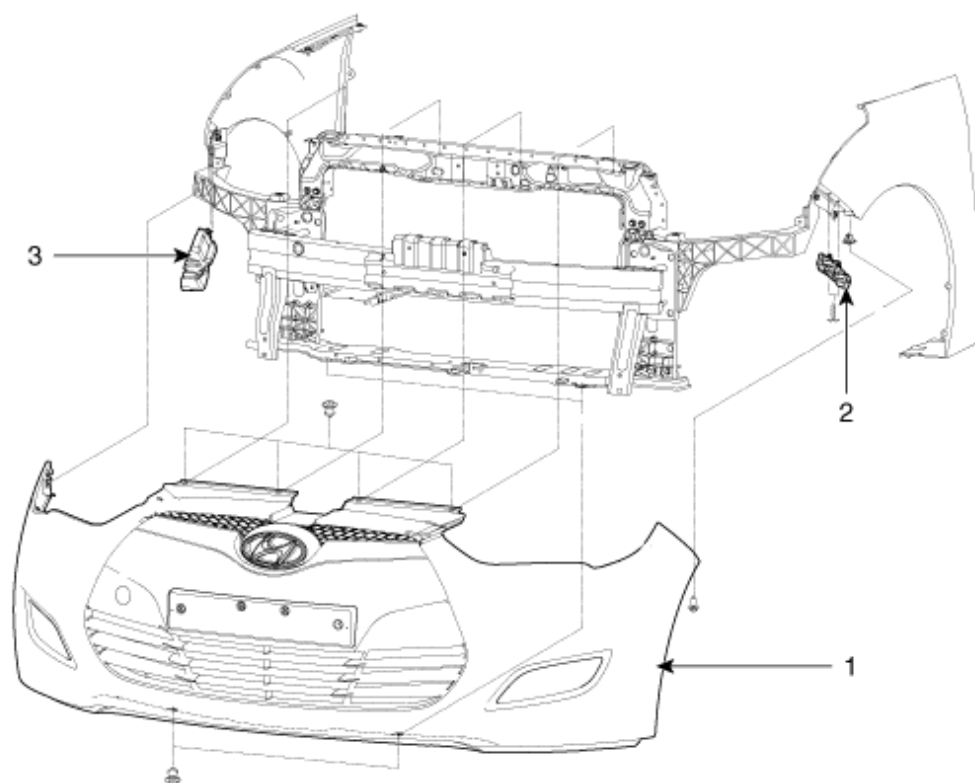
- Let the vehicle stand for at least four hours after glass installation. If the vehicle has to be used within the first eight, it must be driven slowly.
- Keep the glass dry for the first hour after installation.
- Please have the driver use caution and not drive vehicle along an uneven dirt road or drive violently.

12. Reinstall all remaining removed parts.

- A. Rear wiper arm  
(Refer to the BE group - "Rear Wiper/Washer")
- B. Tail gate glass heater connector  
(Refer to the BE group - "Rear window defogger")
- C. Tail gate frame side trim  
(Refer to the BD group - "Tail Gate")
- D. Tail gate trim  
(Refer to the BD group - "Tail Gate")
- E. Tail gate frame upper trim & Tail gate center trim  
(Refer to the BD group - "Tail Gate")

**Body (Interior and Exterior) > Bumper > Front Bumper > Components and Components Location**

## Components-1

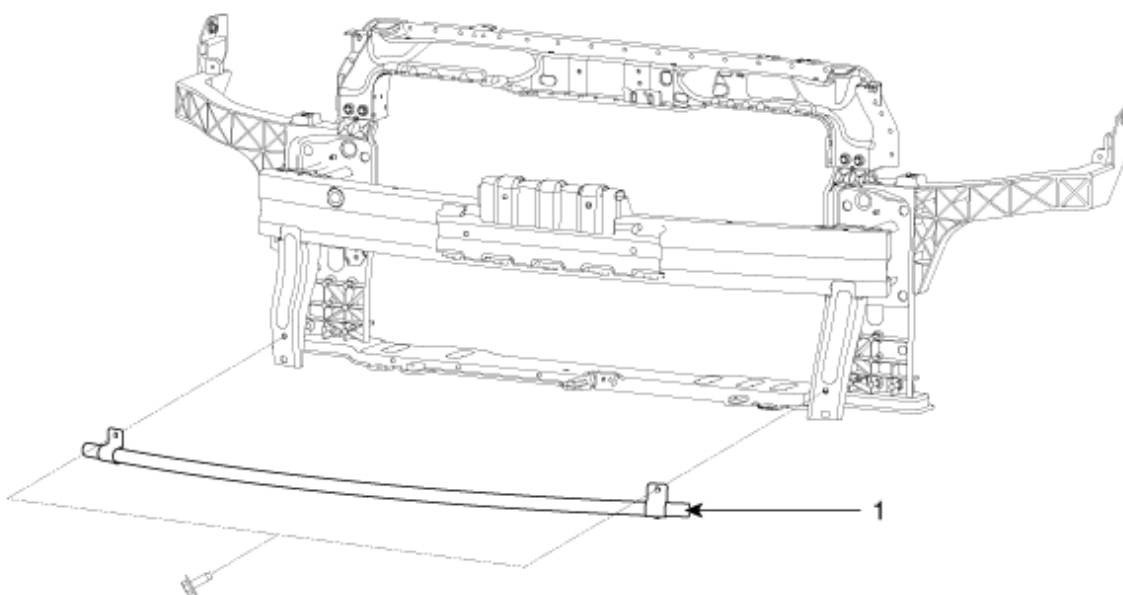


1. Front bumper cover

2. Front bumper side bracket [LH]

3. Front bumper side bracket [RH]

## Components-2



1. Front bumper lower stiffener assembly

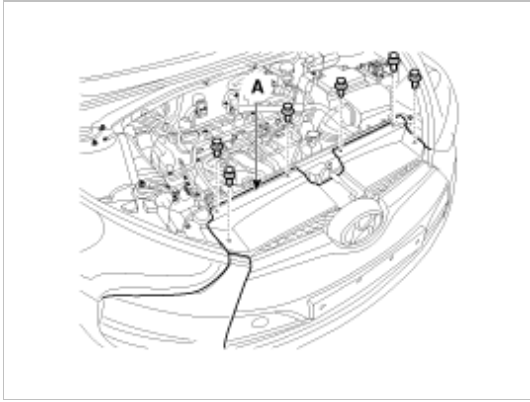
## Body (Interior and Exterior) > Bumper > Front Bumper > Repair procedures

### Replacement

#### CAUTION

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

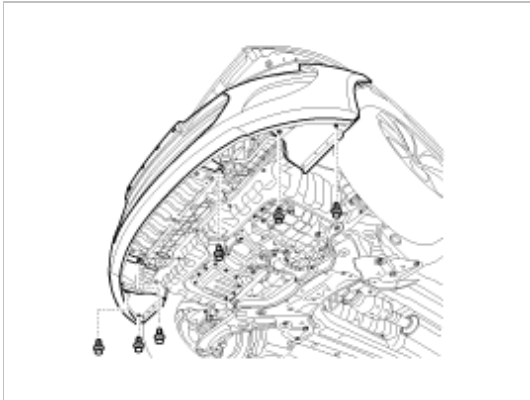
1. Loosen the radiator upper cover (A) mounting clips.



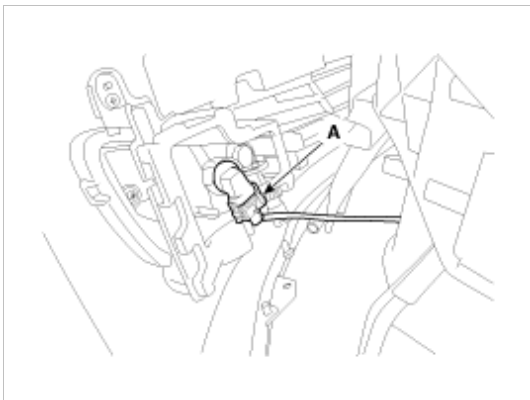
2. After loosening the front bumper side's mounting screw, then disconnect the side's.



3. Remove the front bumper lower mounting clips.



4. Disconnect the fog lamp connector (A).
5. Remove the front bumper.



6. Installation is the reverse of removal.

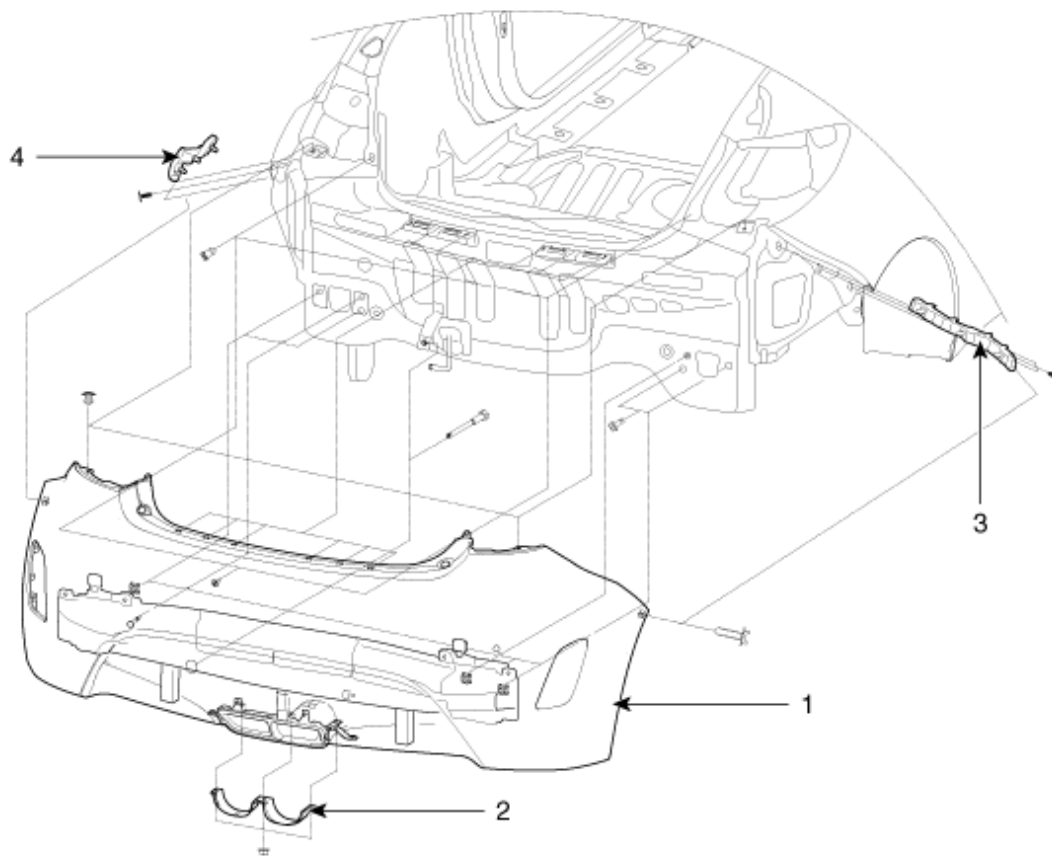


**NOTE**

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

**Body (Interior and Exterior) > Bumper > Rear Bumper > Components and Components Location**

**Components**



- |                          |                                  |
|--------------------------|----------------------------------|
| 1. Rear bumper cover     | 3. Rear bumper side bracket [RH] |
| 2. Tail trim lower cover | 4. Rear bumper side bracket [LH] |

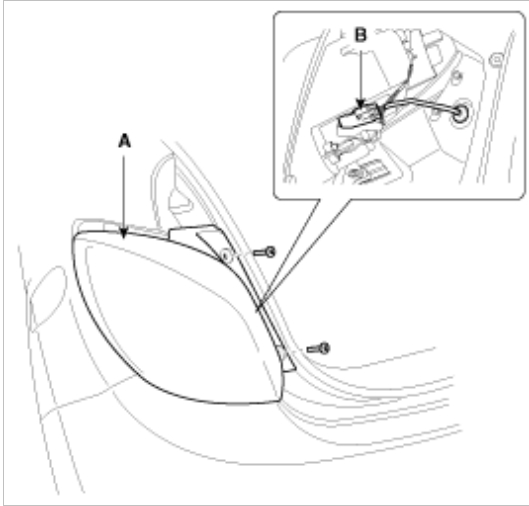
## Body (Interior and Exterior) > Bumper > Rear Bumper > Repair procedures

### Replacement

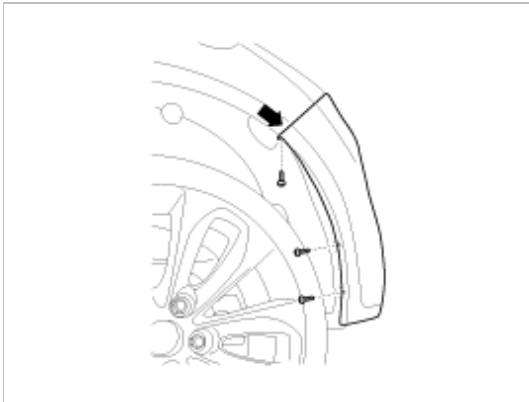
#### CAUTION

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

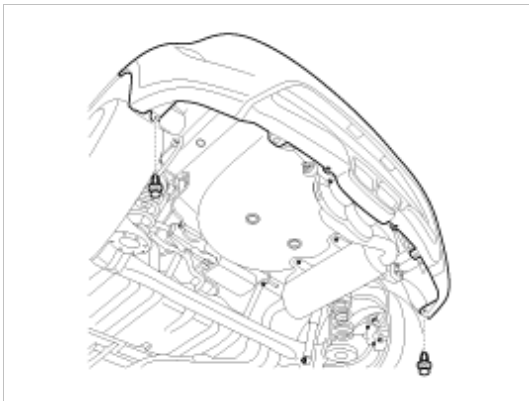
1. After loosening the mounting screws, then remove the rear combination lamp (A).
2. Push the lock pin, disconnect the connector (B).



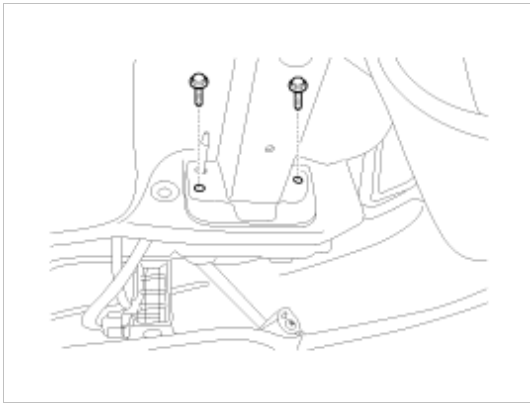
3. After loosening the rear bumper side's mounting screw, then disconnect the side's.



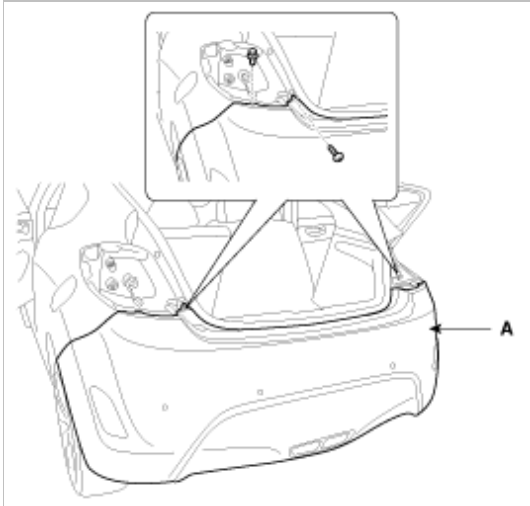
4. Remove the rear bumper lower mounting clips.



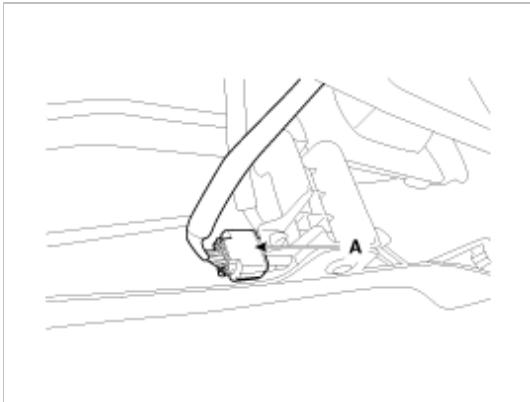
5. Loosen the mounting bolts.



6. After loosening the mounting screw and clip, then remove the rear bumper (A).



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



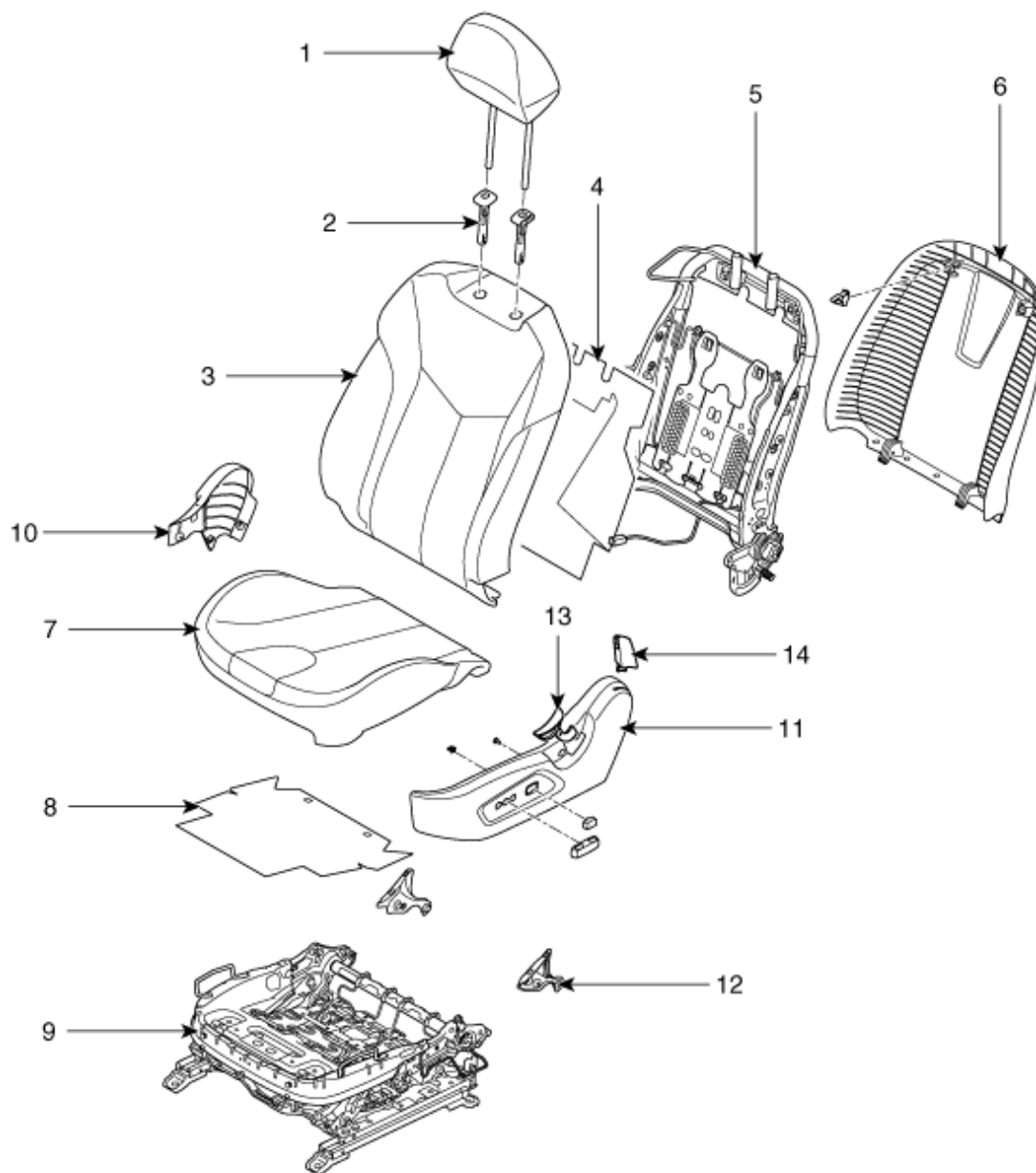
8. Installation is the reverse of removal.

**NOTE**

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

**Body (Interior and Exterior) > Seat & Power Seat > Front Seat > Components and Components Location**

**Components**



- |                             |                              |
|-----------------------------|------------------------------|
| 1. Headrest                 | 8. Front seat cushion heater |
| 2. Headrest guide           | 9. Front seat cushion frame  |
| 3. Front seat back cover    | 10. Front shield inner cover |
| 4. Front seat back heater   | 11. Front shield outer cover |
| 5. Front seat back frame    | 12. Front inside cover       |
| 6. Front seat back board    | 13. Recliner lever           |
| 7. Front seat cushion cover | 14. Seat folding lever       |

## Body (Interior and Exterior) > Seat & Power Seat > Front Seat > Repair procedures

### Replacement

#### Front Seat Assembly Replacement

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

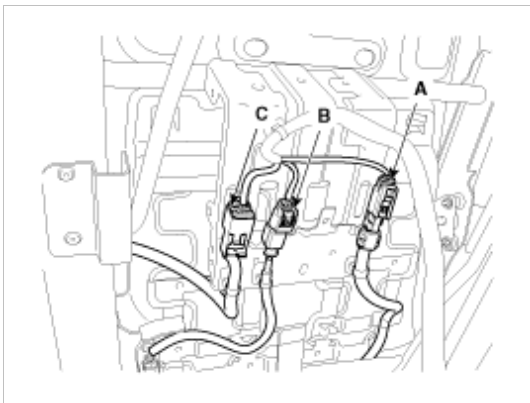
### Tightening torque :

34.3 ~ 53.9 N.m (3.5 ~ 5.5 kgf.m, 25.3 ~ 39.8 lb-ft)

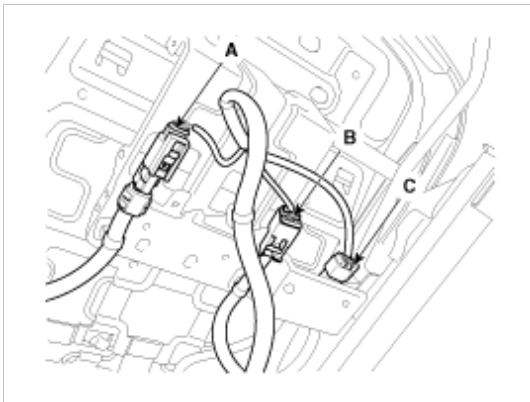


3. Disconnect the airbag connector (A), seat warmer connector (B), seat buckle connector (C).

**[Driver's]**



**[Passenger's]**



4. Installation is the reverse of removal.

#### CAUTION

##### Seat Mounting Bolt Installation Procedure

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

### Front Seat Outer Shield Cover Replacement

## [Manual Type]

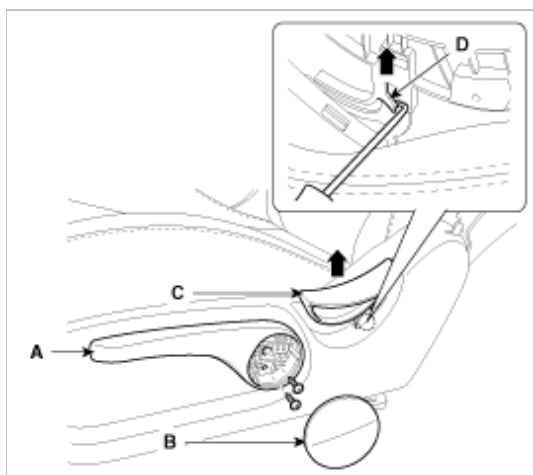
### CAUTION

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

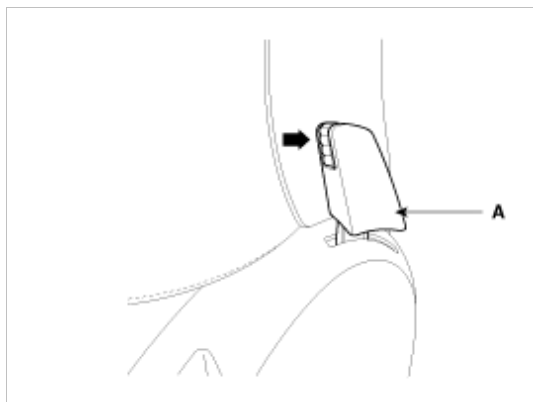
1. Remove the height knob cap (B).
2. After loosening the mounting screws, then remove the height knob (A).
3. Remove the lock pin (D) after pulling out the recliner lever (C). And then remove the recliner lever (C) by pulling it.

### NOTE

- To see the lock pin (D), pull the recliner lever (C) as arrow direction .



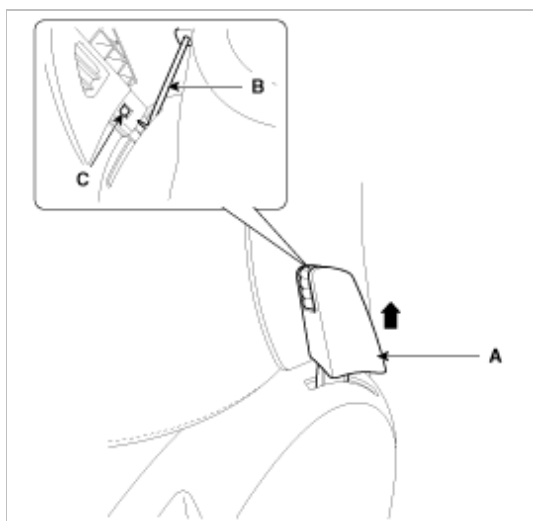
4. Fold the front seat by pushing the seat folding lever (A).



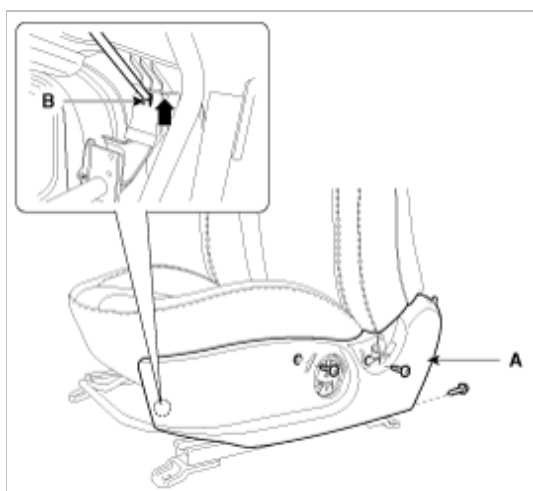
5. Unlock the lock pin (C) by pushing the pointed tool (B) between the seat folding lever (A) and lock pin (C). And then remove the folding lever (A) by pulling it as arrow direction.

### NOTE

- Use the thin and flat shape tool.



6. To remove the front shield outer cover (A), disengage the lock pin (B) and remove the front shield outer cover (A).



7. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

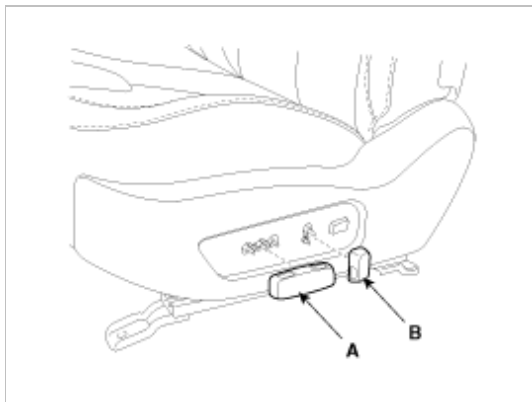
## Front Seat Outer Shield Cover Replacement

[Power Seat Type]

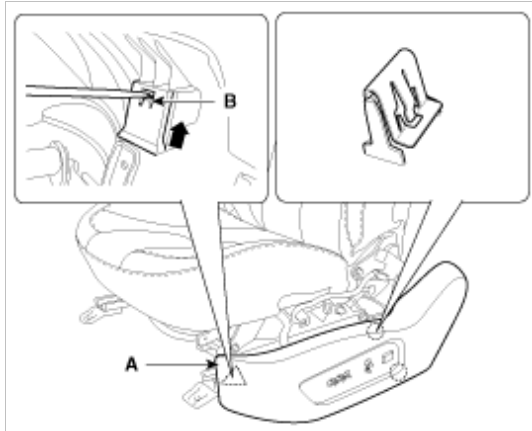
#### CAUTION

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

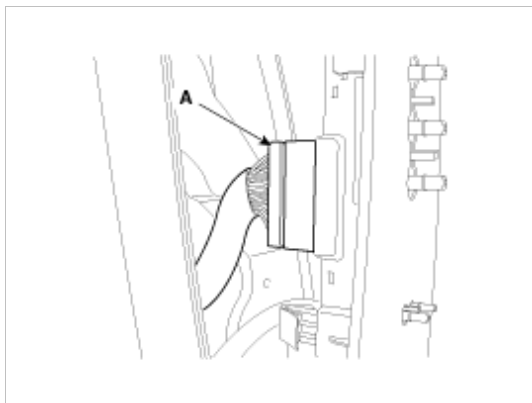
1. Remove the recliner switch (A) and height switch (B).



2. To remove the front shield outer cover (A), disengage the lock pin (B) and remove the front shield outer cover (A).



3. Disconnect the connector (A).



4. Installation is the reverse of removal.

#### NOTE

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

## Seat Back Cover Replacement

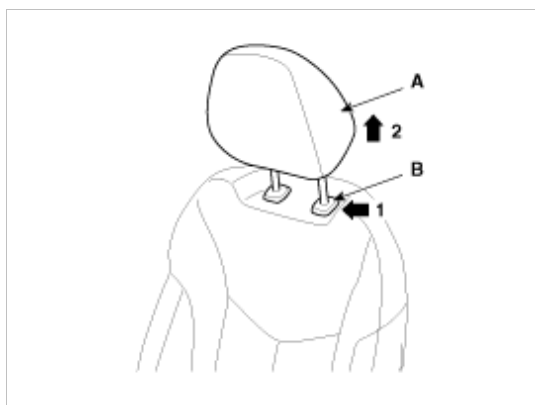
#### CAUTION

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

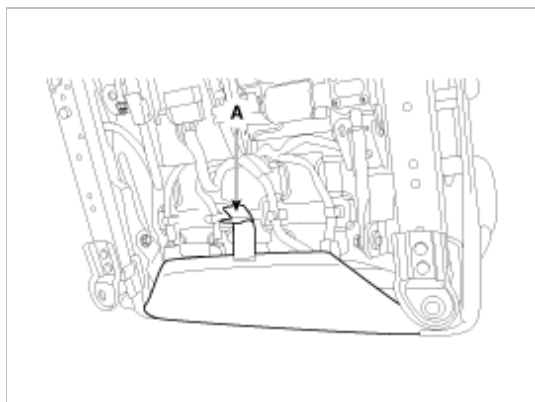
1. Remove front seat assembly.



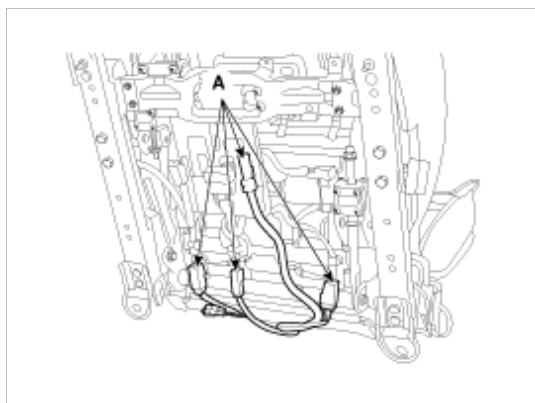
2. Push the lock pin (B), remove the headrest (A).



3. Remove the protector (A).



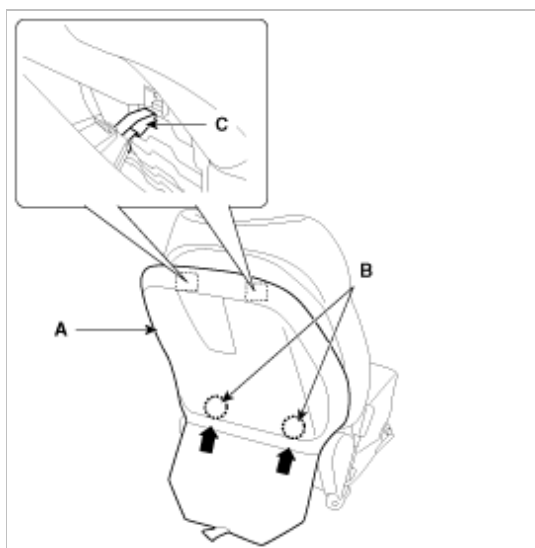
4. Disconnect the connector (A) and the mounting clips.



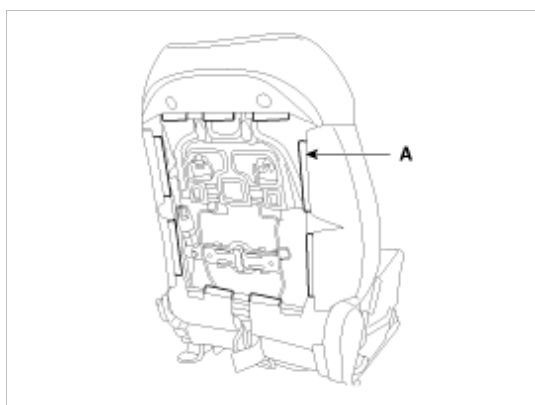
5. To disengage the lock pin (C), lift up the front seat back board (A) to the arrow direction with holding the bottom place (B).

**CAUTION**

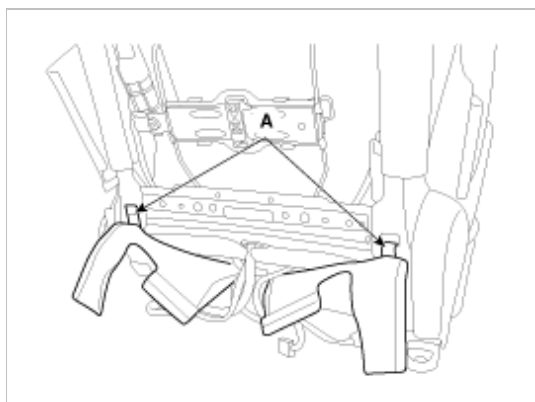
- Be careful not to damage the lock pin.



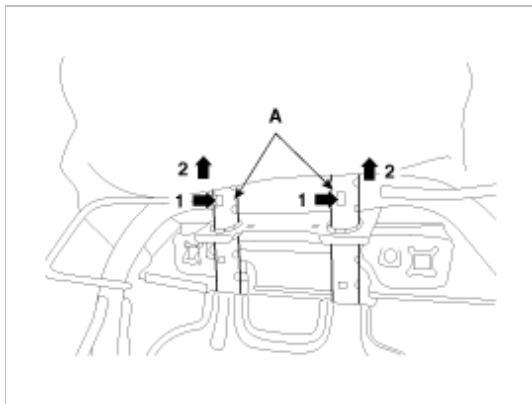
6. Push the protector (A) by the seat back frame.



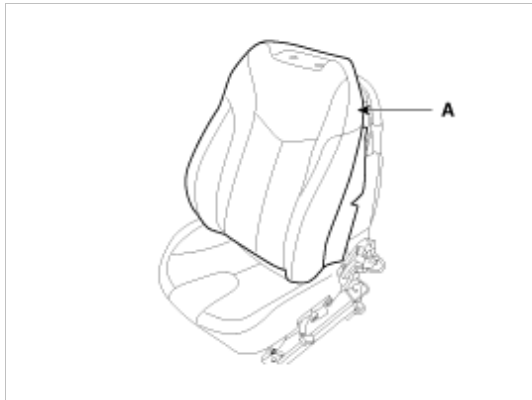
7. Remove the protector (A).



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



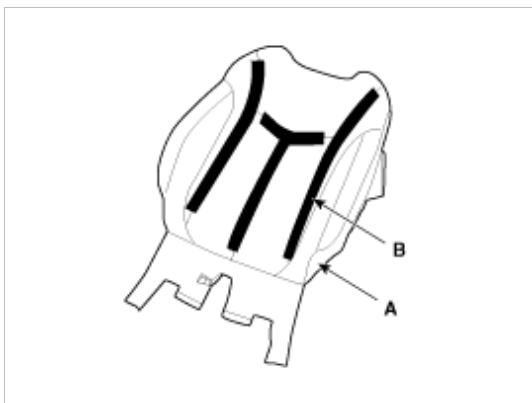
9. Remove the seat back cover (A) from the frame.



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

**CAUTION**

- When removing the hog-ring clip, remove the hog-ring clip with pressing the wire not to separate the wire from the sponge.



11. Installation is the reverse of removal.

**NOTE**

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

## Seat Cushion Cover Replacement

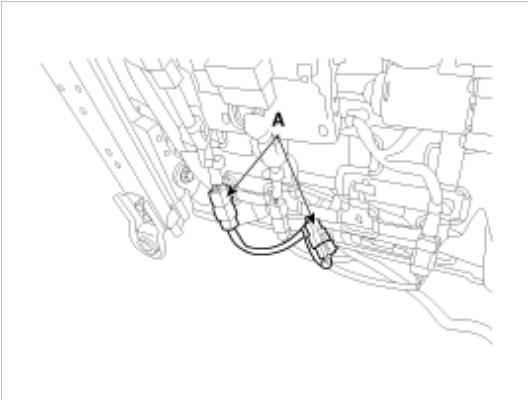
**CAUTION**

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

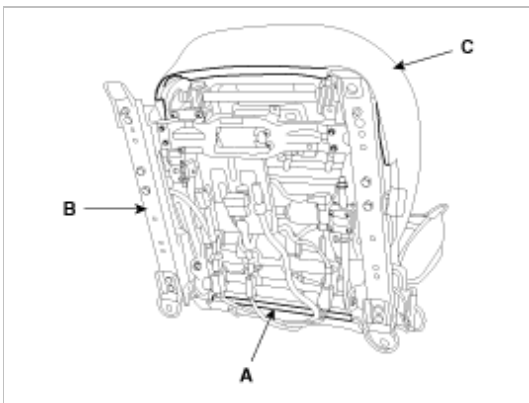
1. Remove the following items first.

- A. Front seat assembly
- B. Front seat outer shield cover

2. Disconnect the connector (A).



3. Push the protector (A), and then seat cushion cover (C) from the frame(B).



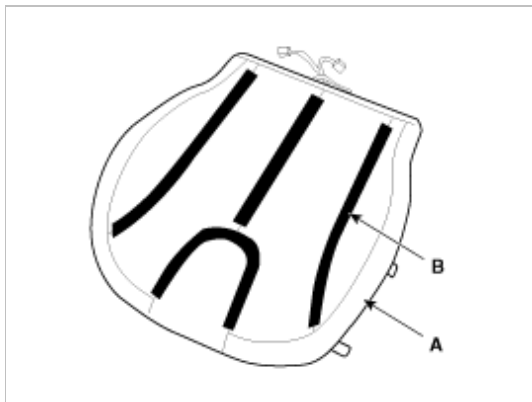
4. Remove the seat cushion cover (A) from the frame.



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

**CAUTION**

- When removing the hog-ring clips, remove the hog-ring clips with pressing the wire not to separate the wire from the sponge.



6. Installation is the reverse of removal.

#### NOTE

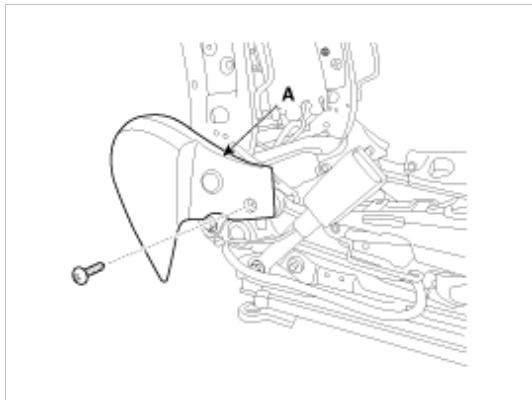
- Make sure the connector is plugged in properly.
- Replace any damage clips. s

## Seat Frame Replacement

#### CAUTION

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

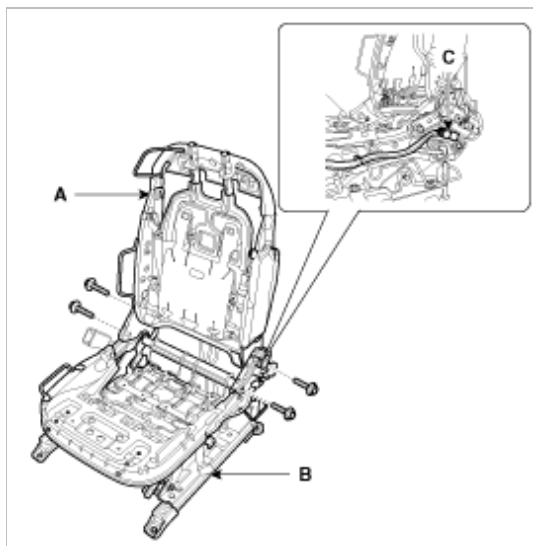
1. Remove the following items first.
  - A. Front seat assembly
  - B. Front seat outer shield cover
  - C. Front seat back cover
  - D. Front seat cushion cover
2. After loosening the mounting screw, then remove the front seat shield inner cover (A).



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

#### Tightening torque :

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



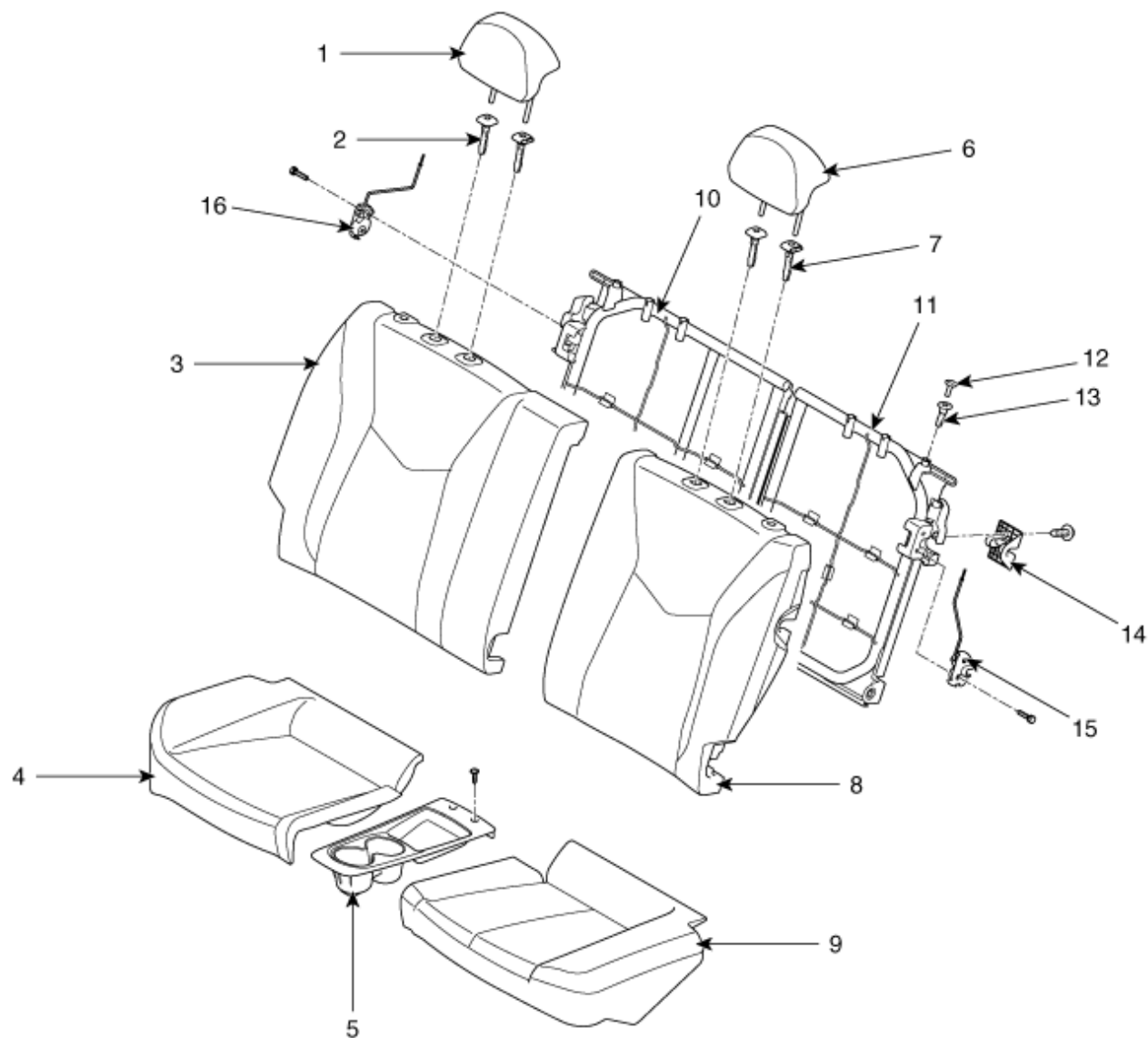
5. Installation is the reverse of removal.

#### NOTE

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

### Body (Interior and Exterior) > Seat & Power Seat > Rear Seat > Components and Components Location

#### Components



- |                                 |                                   |
|---------------------------------|-----------------------------------|
| 1. Headrest [RH]                | 9. Rear seat cushion cover [LH]   |
| 2. Headrest guide [RH]          | 10. Rear seat back panel [LH]     |
| 3. Rear seat back cover [RH]    | 11. Rear seat back panel [RH]     |
| 4. Rear seat cushion cover [RH] | 12. Rear seat folding lever       |
| 5. Cup holder panel assembly    | 13. Rear seat folding lever cover |
| 6. Headrest [LH]                | 14. Rear seat latch cover         |
| 7. Headrest guide [LH]          | 15. Rear seat latch assembly [LH] |
| 8. Rear seat back cover [LH]    | 16. Rear seat latch assembly [RH] |

## Body (Interior and Exterior) > Seat & Power Seat > Rear Seat > Repair procedures

### Replacement

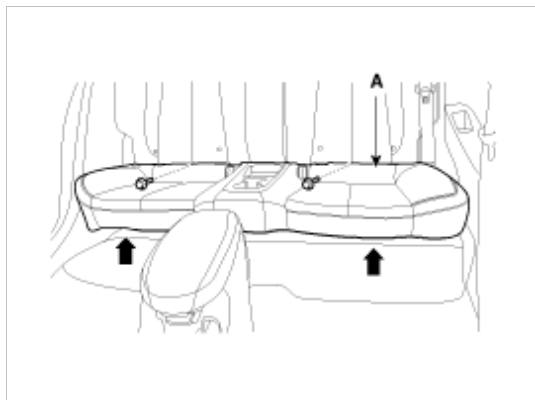
#### Rear Seat Assembly Replacement

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

**Tightening torque :**

16.7 ~ 25.5 N.m (1.7 ~ 2.6 kgf.m, 12.3 ~ 18.8 lb-ft)

---

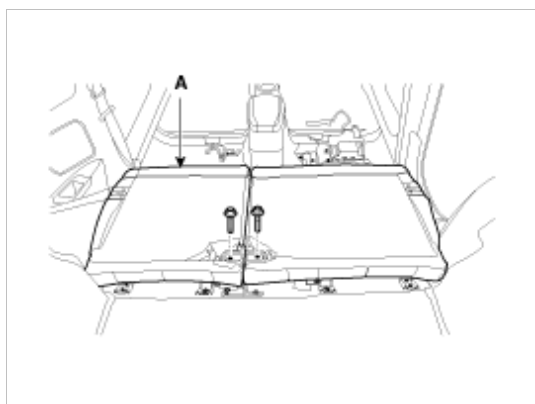


2. After loosening the mounting bolts, then remove the rear seat back (A).
- 

**Tightening torque :**

16.7 ~ 25.5 N.m (1.7 ~ 2.6 kgf.m, 12.3 ~ 18.8 lb-ft)

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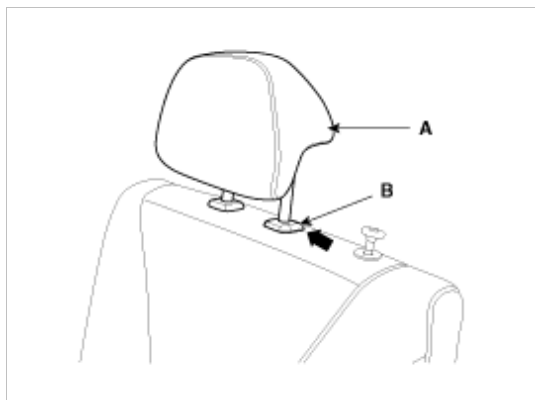
3. Installation is the reverse of removal.

## Seat Back Cover Replacement [LH]

**CAUTION**

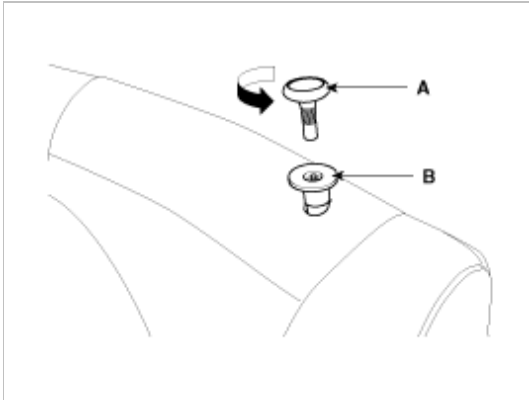
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.

1. Remove rear seat back assembly.
2. Push the lock pin (B), remove the headrest (A).

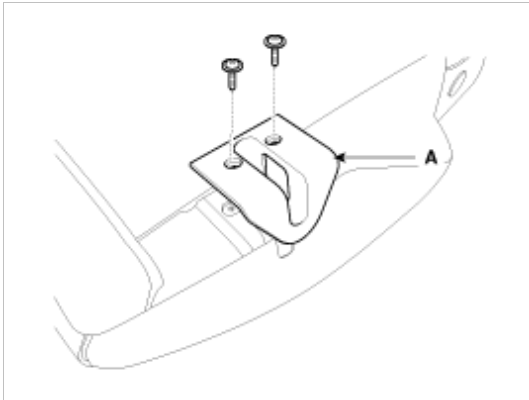




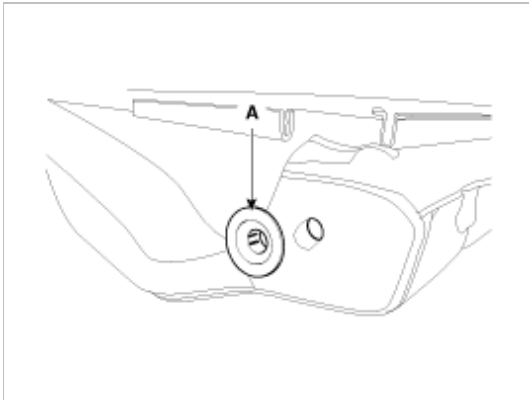
3. Remove the rear seat folding lever (A) after turning in the counter clock-wise direction.
4. Remove the rear seat folding lever cover (B).



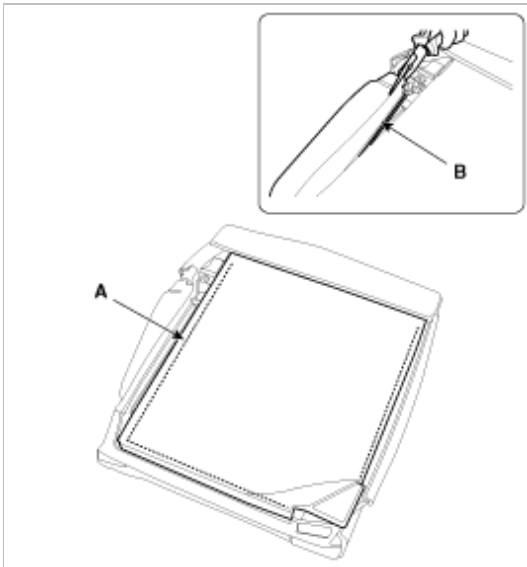
5. After loosening the mounting screws, then remove the rear seat latch cover (A).



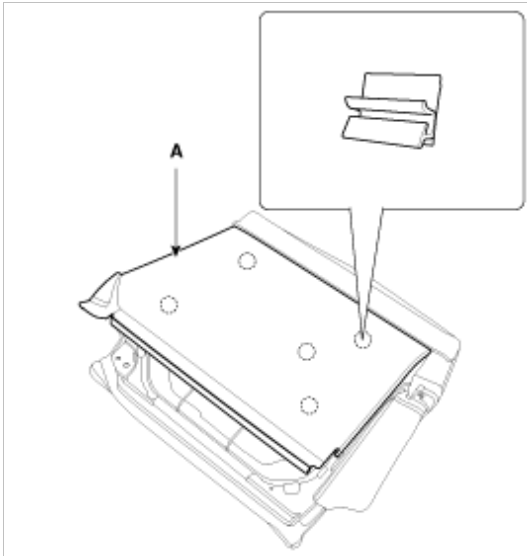
6. Using a screwdriver or remover, remove the rear seat side bracket cover (A).



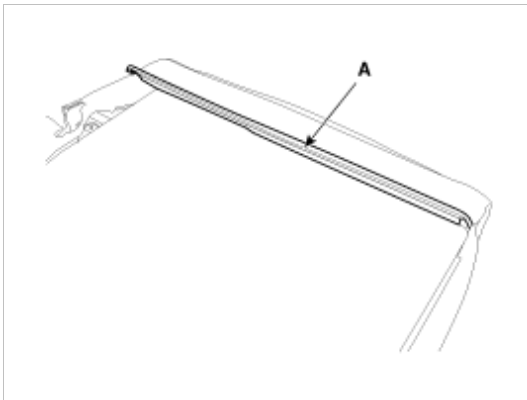
7. Push the protector (B) by the rear seat back panel (A).



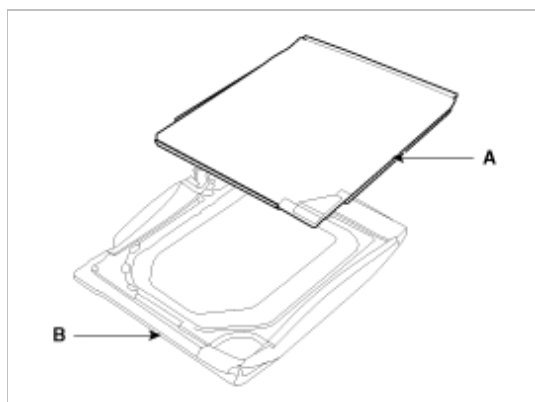
8. Using a screwdriver or remover, remove the rear seat back panel (A).



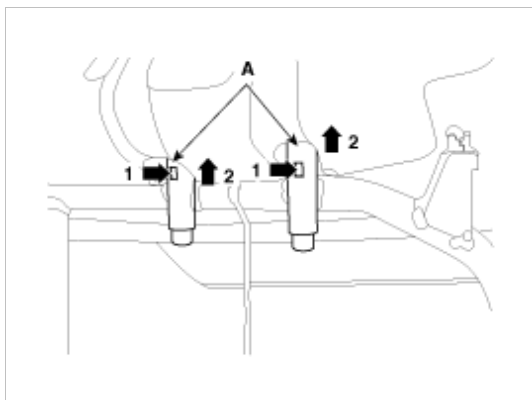
9. Disconnect the protector (A).



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

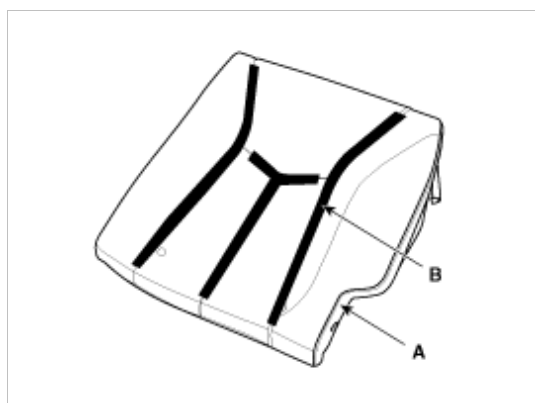


11. Pull out the headrest guides (A) while pinching the end of the guides, and remove them.



12. Remove the rear seat back cover from the rear seat back frame.

13. After removing the velcro tape (B) on the rear of seat back and remove the seat back cover (A).



14. Installation is the reverse of removal.

#### NOTE

- Replace any damage clips.

## Rear Seat Latch Replacement [LH]

#### CAUTION

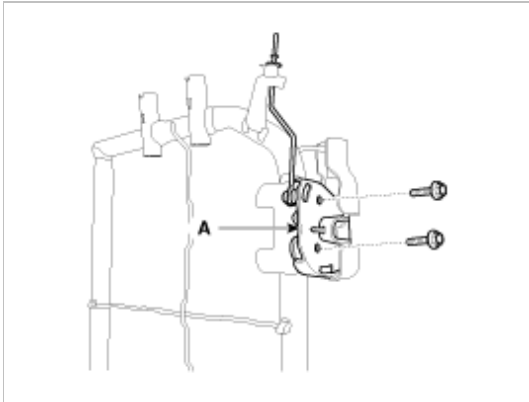
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.

1. Remove the following items first.

A. Rear seat assembly

B. Rear seat back cover

2. After loosening the mounting bolts, then remove the rear seat latch assembly (A).



3. Installation is the reverse of removal.

**NOTE**

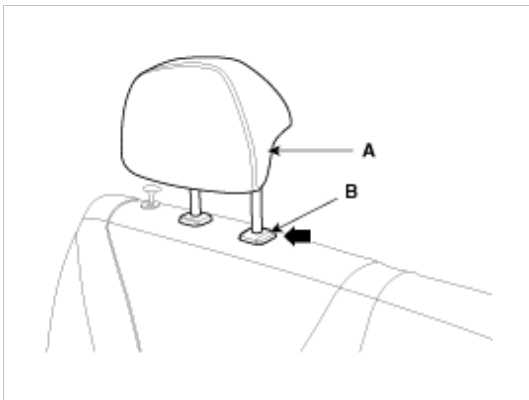
- Replace any damage clips.

## Seat Back Cover Replacement [RH]

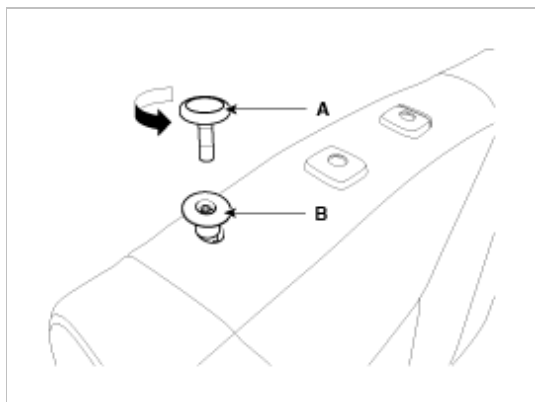
**CAUTION**

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

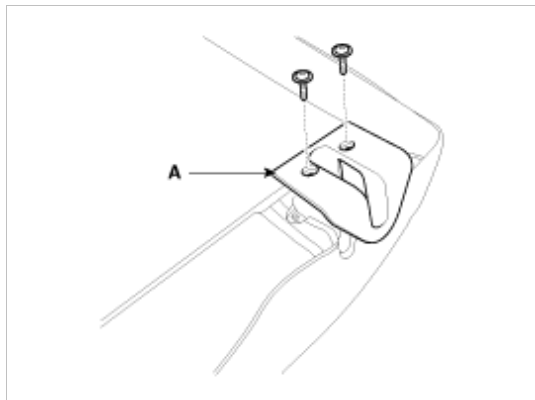
1. Remove rear seat back assembly.
2. Push the lock pin (B), remove the headrest (A).



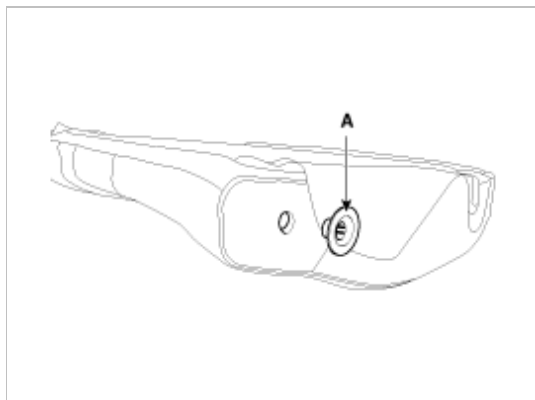
3. Remove the rear seat folding lever (A) after turning in the counter clock-wise direction.
4. Remove the rear seat folding lever cover (B).



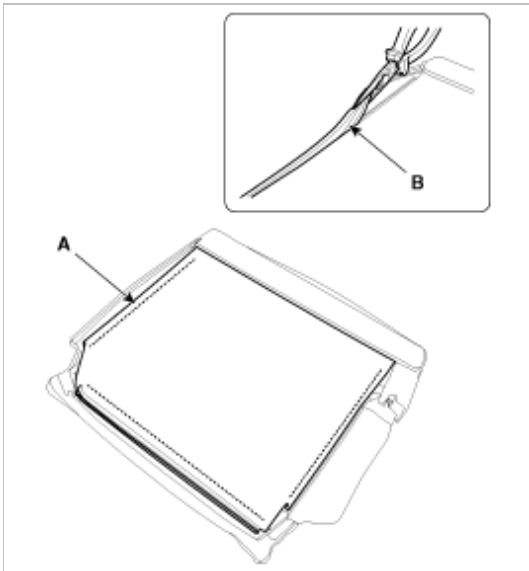
5. After loosening the mounting screws, then remove the rear seat latch cover (A).



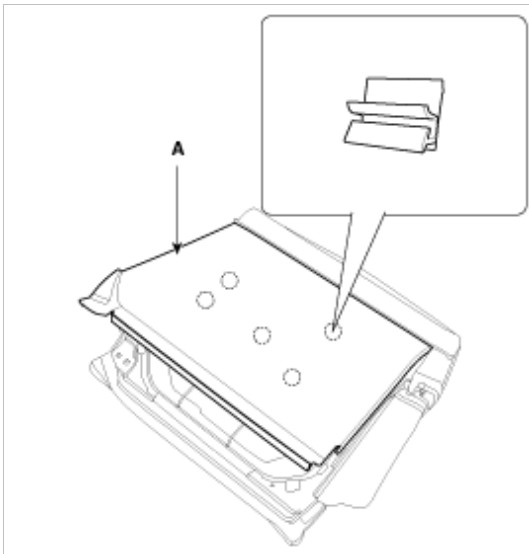
6. Using a screwdriver or remover, remove the rear seat side bracket cover (A).



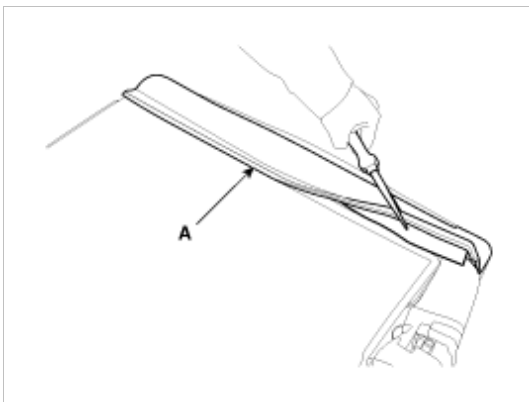
7. Push the protector (B) by the rear seat back panel (A).



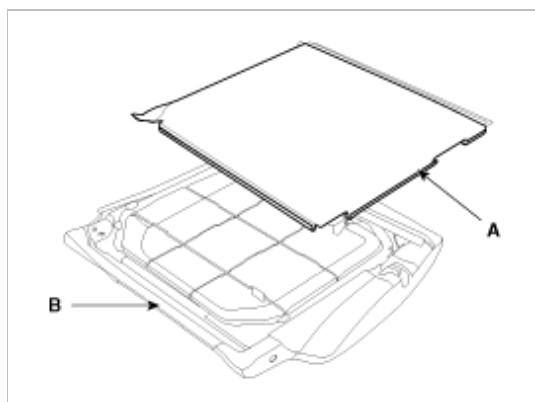
8. Using a screwdriver or remover, remove the rear seat back panel (A).



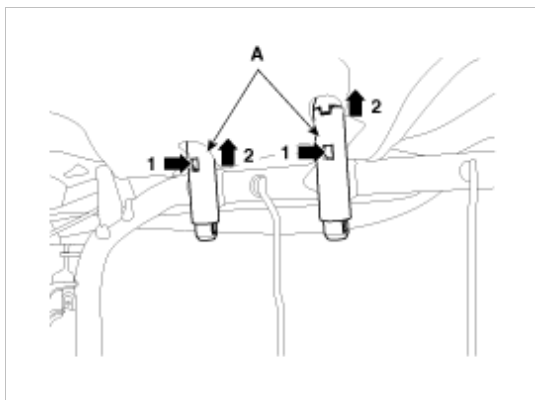
9. Disconnect the protector (A).



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

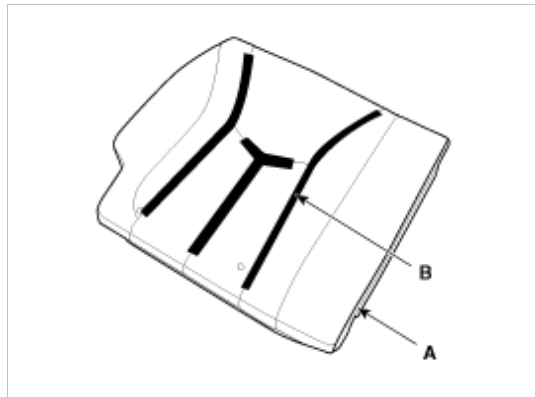


11. Pull out the headrest guides (A) while pinching the end of the guides, and remove them.



12. Remove the rear seat back cover from the rear seat back frame.

13. After removing the velcro tape (B) on the rear of seat back and remove the seat back cover (A).



14. Installation is the reverse of removal.

#### NOTE

- Replace any damage clips.

## Rear Seat Latch Replacement [RH]

#### CAUTION

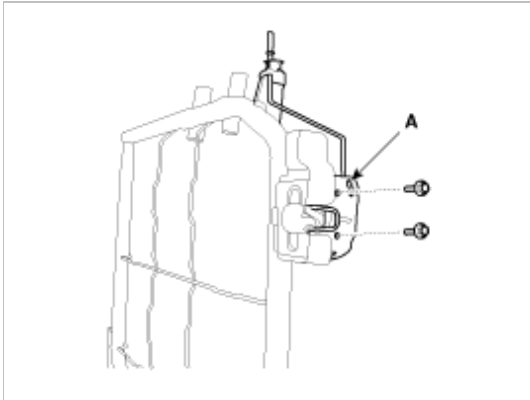
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.

1. Remove the following items first.

A. Rear seat assembly

B. Rear seat back cover

2. After loosening the mounting bolts, then remove the rear seat latch assembly (A).



3. Installation is the reverse of removal.

**NOTE**

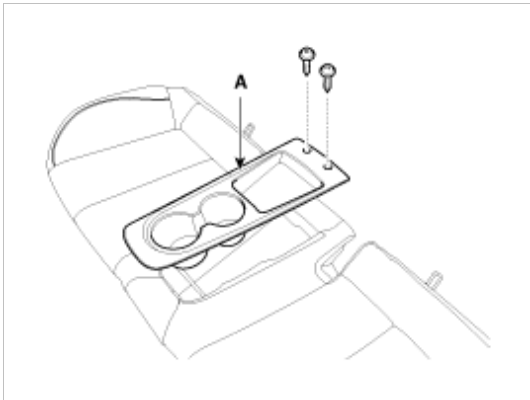
- Replace any damage clips.

## Rear Seat Cushion Cover Replacement

**CAUTION**

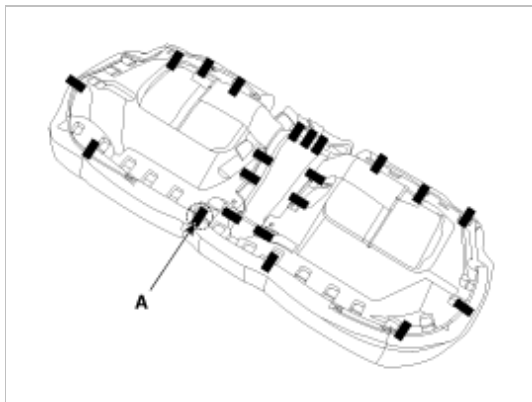
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.

1. Remove the following items first.
  - A. Rear seat cushion assembly
2. After loosening the mounting screws, then remove the rear seat cup holder panel assembly (A).

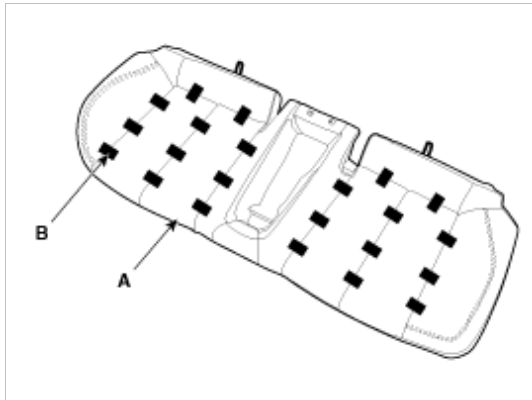


3. Remove the mounting clips (A).





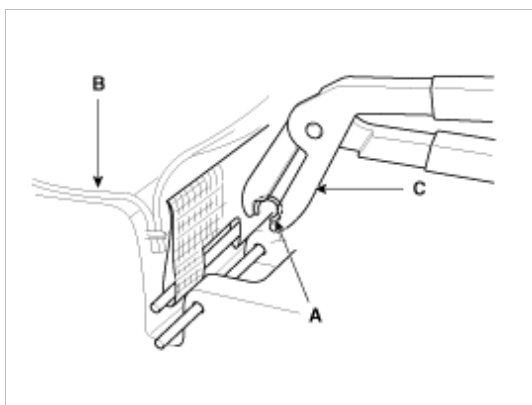
4. After removing the hog-ring clips (B) on the rear of seat cushion and remove the seat cushion cover (A).



5. Installation is the reverse of removal.

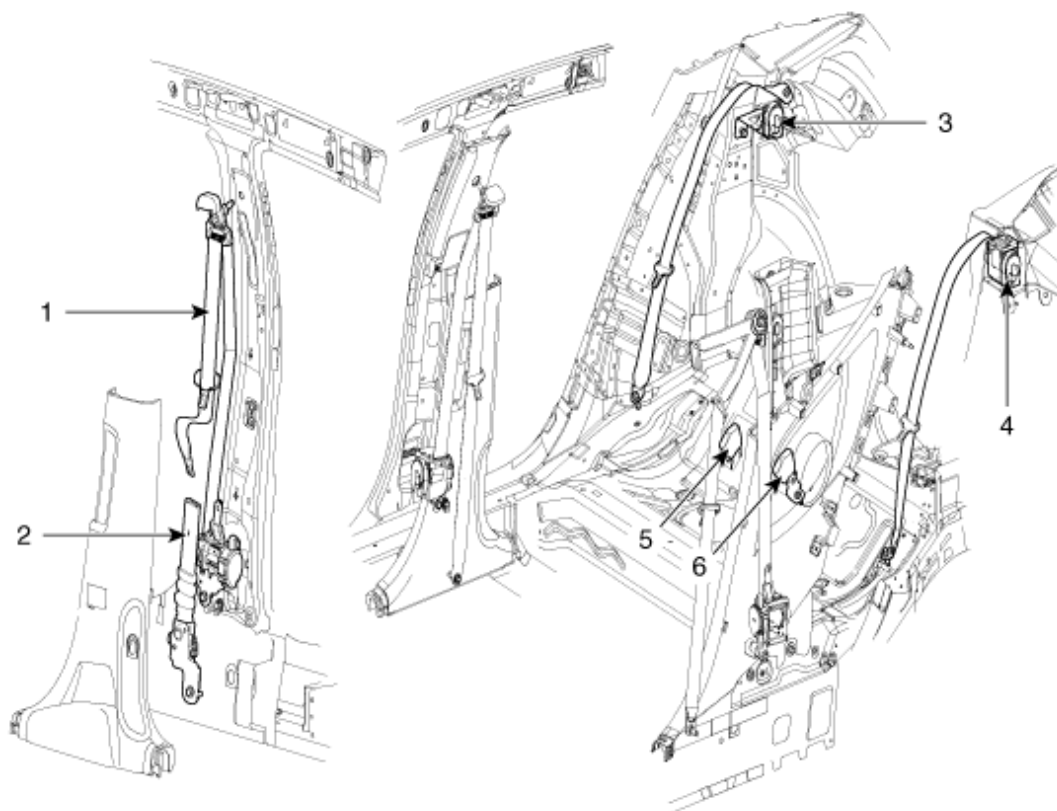
#### NOTE

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



## Body (Interior and Exterior) > Seat Belt > Components and Components Location

### Components



1. Front seat belt
2. Anchor pretensioner
3. Rear seat belt [RH]

4. Rear seat belt [LH]
5. Rear seat belt buckle [RH]
6. Rear seat belt buckle [LH]

## Body (Interior and Exterior) > Seat Belt > Front Seat Belt > Repair procedures

### Replacement

#### Front Seat Belt Replacement

##### CAUTION

- When installing the belt, make sure not to damaged the pretensioner.

1. Remove the following items first :
  - A. Front seat assembly

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

B. Front door scuff trim

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

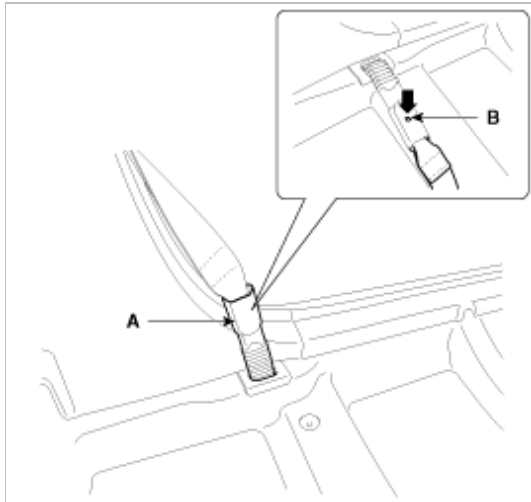
C. Rear door scuff trim [RH]

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

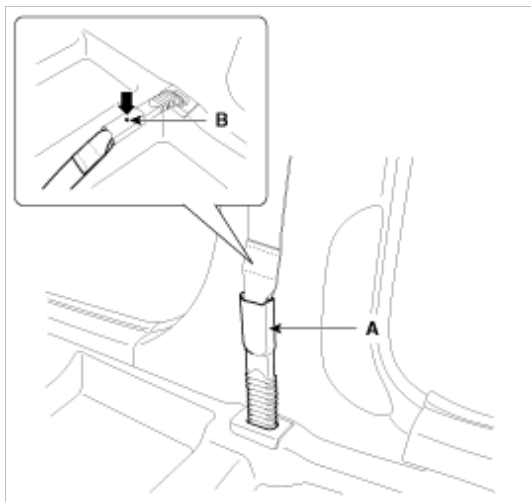
2. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.

3. The seat belt anchor pretensioner (A) be removed after pushing the lock pin (B) as arrow direction.

[LH]

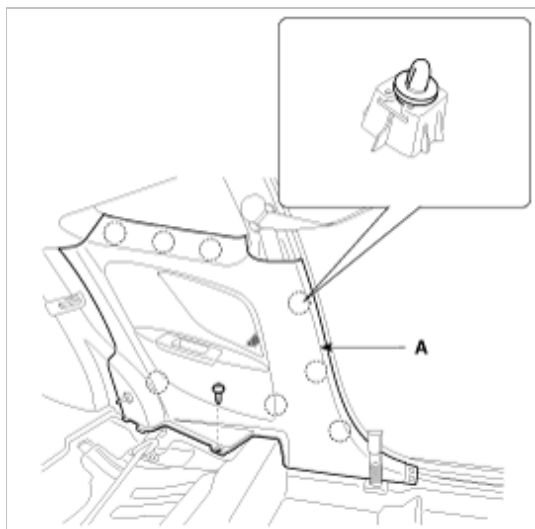


[RH]

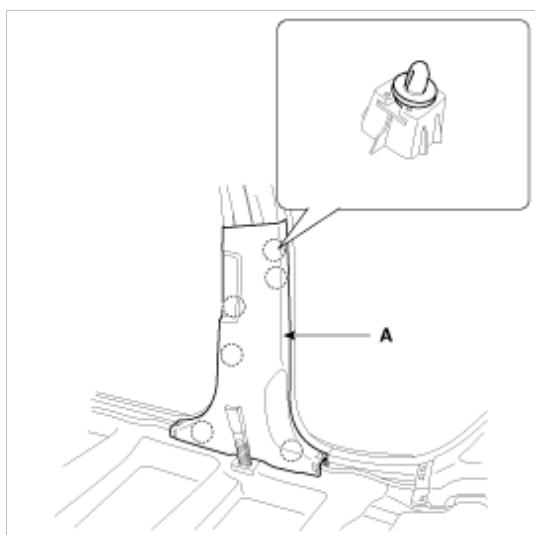


4. Using a screwdriver or remover, remove the center pillar lower trim (A).

[LH]



[RH]



5. Using a screwdriver or remover, remove the front seat belt upper anchor cover (A).

[LH]



[RH]

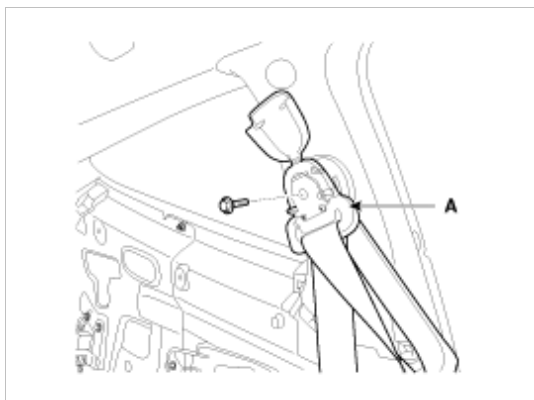


6. After loosening the mounting bolt, then remove the front seat belt upper anchor (A).

[LH]

**Tightening torque :**

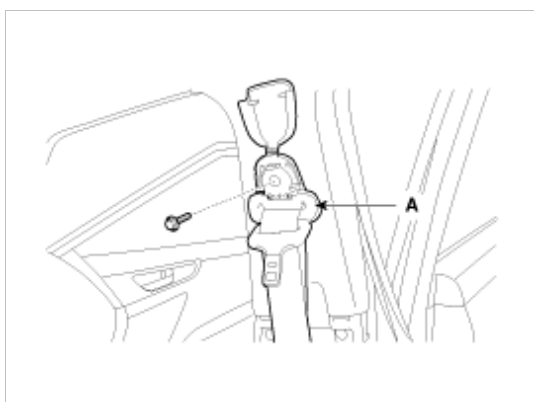
39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft )



[RH]

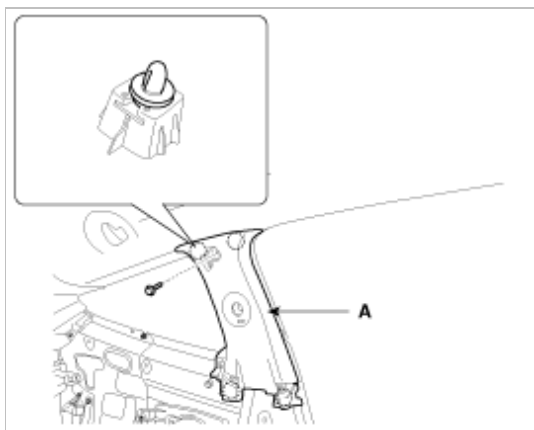
**Tightening torque :**

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

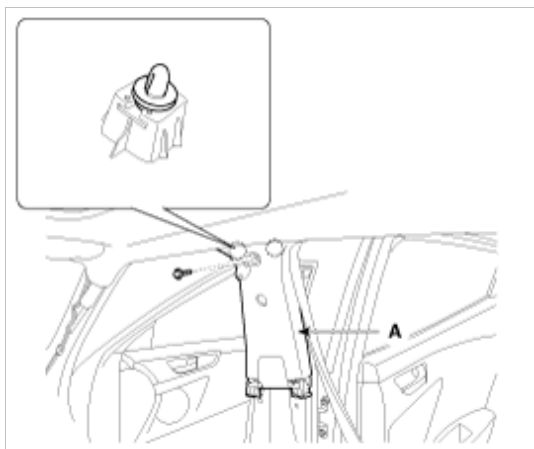


7. After loosening the mounting bolt, then remove the center pillar upper trim (A).

[LH]



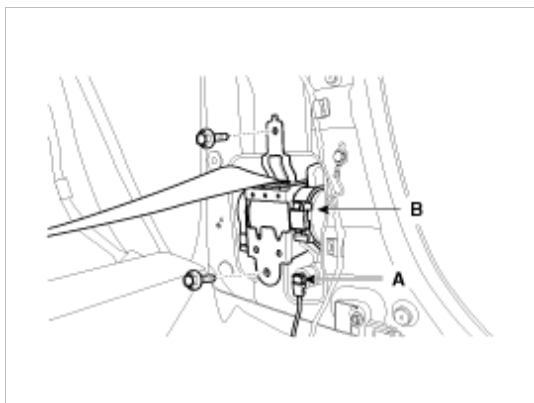
[RH]



8. After disconnecting the pretensioner connector lock pin, remove the seat belt pretensioner connector (A), loosen the mounting bolts, then remove the pretensioner (B).

#### Tightening torque :

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



9. Installation is the reverse of removal.

#### NOTE

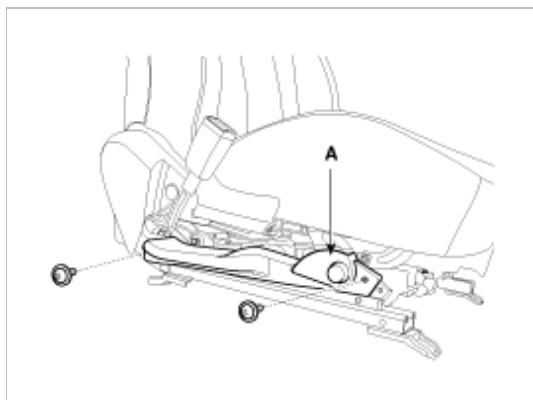
- Make sure the connector is plugged in properly.
- Replace any damage clips.

## Front Seat Belt Buckle Replacement

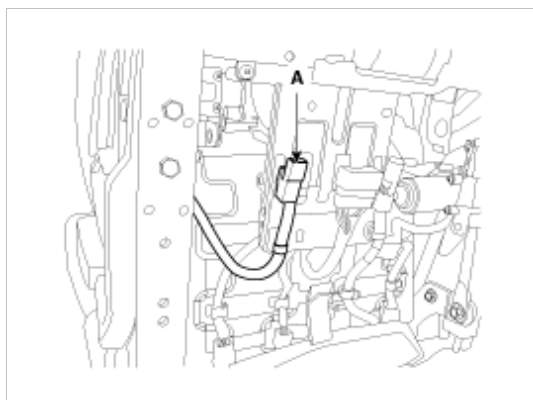
1. Remove the following items first :
  - A. Front seat assembly

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

2. After loosening the mounting screws, then remove the front seat track side cover (A).



3. Remove the seat belt buckle connector mounting clip (A).



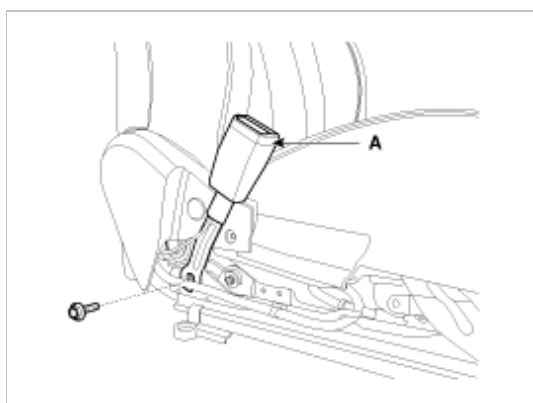
4. After loosening the mounting bolt, then remove the front seat belt buckle (A).

---

**Tightening torque :**

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

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5. Installation is the reverse of removal.

**NOTE**

- Replace any damage clips.

**Body (Interior and Exterior) > Seat Belt > Rear Seat Belt > Repair procedures**

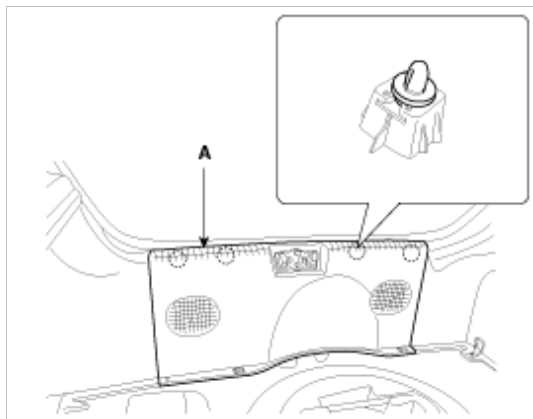
**Replacement**

## Rear Seat Belt Replacement

### CAUTION

- When installing the belt, make sure not to damage the retractor.

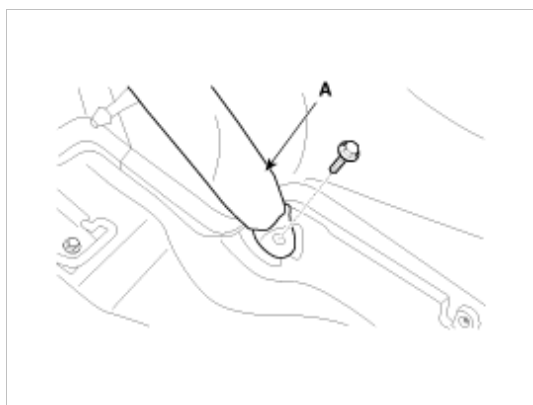
1. Remove the following items first :
  - A. Rear seat assembly  
(Refer to the BD group - "Rear Seat")
  - B. Front door scuff trim [LH]  
(Refer to the BD group - "Interior Trim")
  - C. Rear door scuff trim [RH]  
(Refer to the BD group - "Interior Trim")
2. Using a screwdriver or remover, remove the rear transverse trim (A).



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

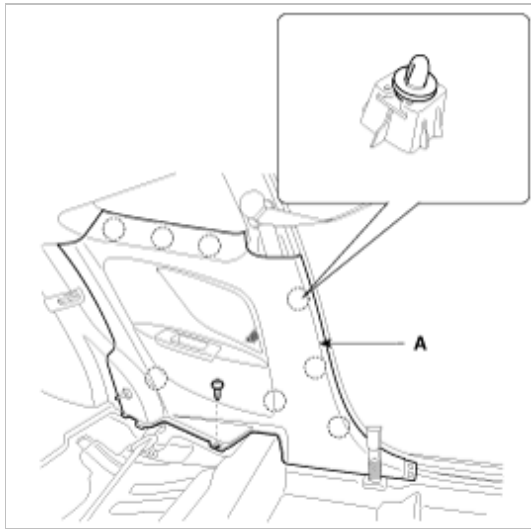
### Tightening torque :

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



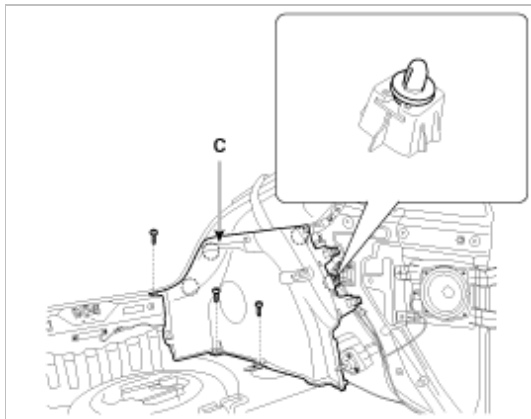
4. Using a screwdriver or remover, remove the center pillar lower trim (A).  
[LH]



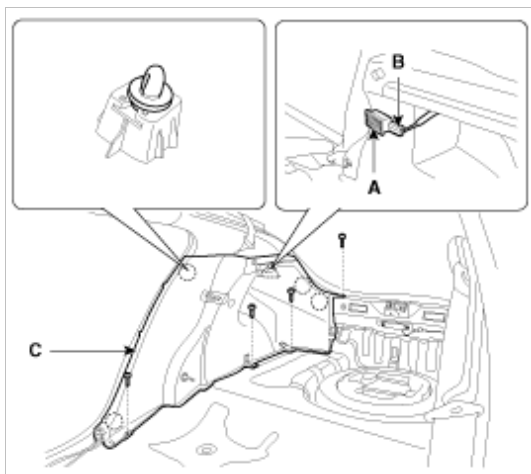


5. Using a screwdriver or remover, remove the luggage side trim lamp (A).
6. Disconnect the luggage side trim lamp connector (B).
7. After loosening the mounting screws, then remove the luggage side trim (C).

[LH]



[RH]



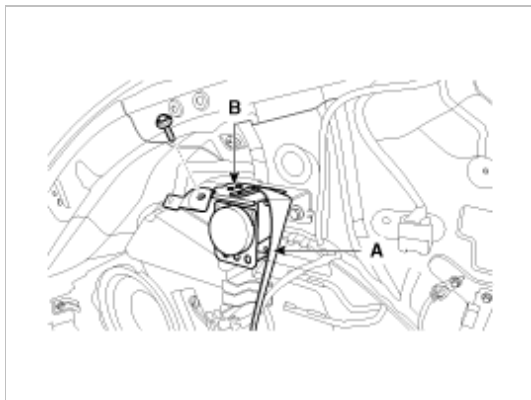
8. After loosening the mounting bolt, then remove the rear seat belt (A) and rear seat belt retractor (B).

---

**Tightening torque :**

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

---



9. Installation is the reverse of removal.

**NOTE**

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

## Rear Seat Belt Buckle Replacement

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

[LH]

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**Tightening torque :**

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

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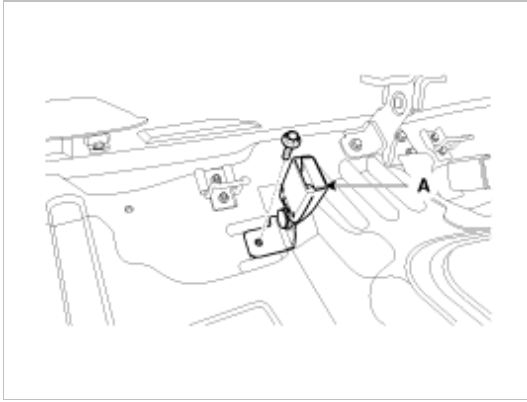
[RH]

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**Tightening torque :**

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

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3. Installation is the reverse of removal.