

# GENESIS COUPE(BK) > 2010 > G 3.8 DOHC > Body (Interior and Exterior)

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

### Specifications

|            |                  |   |
|------------|------------------|---|
| Hood       | Type             | Rear hinged, gas lifter type                          |
| Door       | Construction     | Front hinged, Frameless door construction             |
|            | Regulator system | Wire drum type  |
|            | Locking system   | Pin-fork system                                       |
| Trunk Lid  | Type             | 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) |

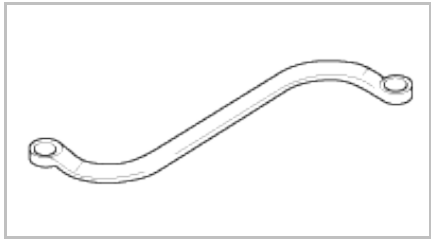
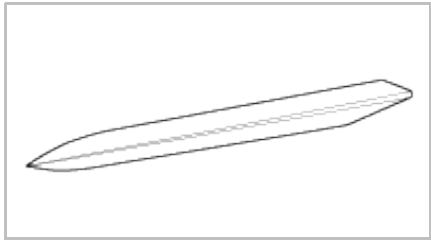
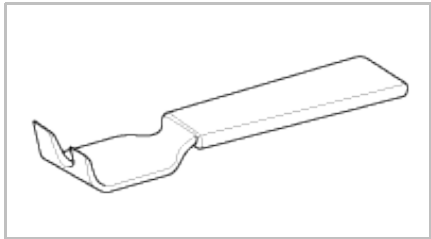
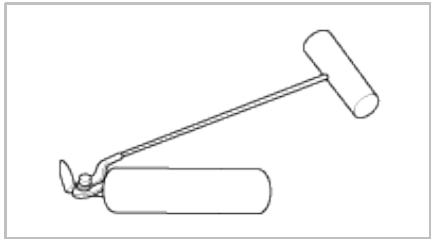
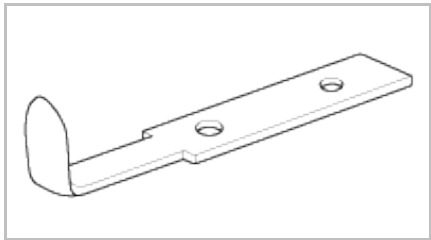
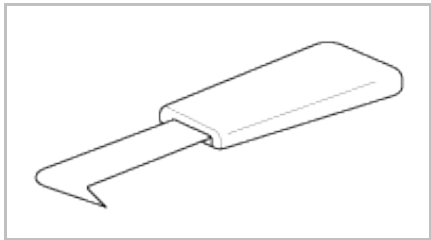
### Tightening Torques

| Items       |   | N.m       | Kgf.m   | Lb-ft     |
|-------------|---|-----------|---------|-----------|
| Trunk       | Trunk lid latch                         | 16.7~21.6 | 1.7~2.2 | 12.3~15.9 |
| Front doors | Door hinge to body                      | 34.3~41.2 | 3.5~4.2 | 25.3~30.4 |
|             | Door hinge to door                      | 7.8~19.6  | 1.0~2.0 | 7.2~14.5  |
|             | Door striker                            | 16.7~21.6 | 1.7~2.2 | 12.3~15.9 |
|             | Checker to body                         | 16.7~21.6 | 1.7~2.2 | 12.3~15.9 |
|             | Checker to door                         | 6.9~10.8  | 0.7~1.1 | 5.1~8.0   |
| Seat        | Front seat mounting bolts               | 34.3~53.9 | 3.5~5.5 | 25.3~39.8 |
|             | Rear seat mounting bolts                | 39.2~53.9 | 3.5~5.5 | 25.3~39.8 |
| Seat belt   | Front seat belt buckle 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 |
|             | Front seat belt lower anchor            | 39.2~53.9 | 4.0~5.5 | 28.9~39.8 |
|             | Front seat belt upper anchor            | 39.2~53.9 | 4.0~5.5 | 28.9~39.8 |
|             | Rear seat belt anchor attaching 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 |

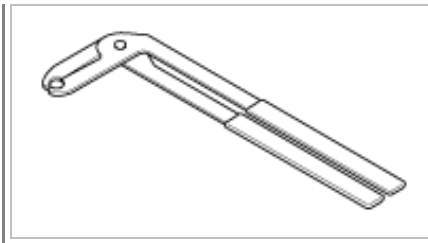
## Body (Interior and Exterior) > General Information > Special Service Tools

### Special Service Tools

| Tool (Number and name)           | Illustration   | Use   |
|----------------------------------|--|---|
| 09793-21000<br>Screwdriver, Torx |  | Adjustment, removal and installation of<br>door hinge bolts |

|   |   |  |
|---|---|--|
| Door hinge adjusting wrench               |     | the door hinge                                       |
| 09800-21000<br>Ornament remover           |    | Trim removal   |
| 09853-31000<br>Headliner clip remover     |    | Headliner clip removal                               |
| 09861-31100<br>Sealant cut-out tool       |   | Cutting windshield sealant<br>(use with 09861-31200) |
| 09861-31200<br>Sealant cutting blade      |  | Cutting windshield sealant<br>(use with 09861-31100) |
| 09861-31000<br>Windshield molding remover |  | Windshield molding removal                           |
| 09880-4F000<br>Hog ring clip              |   | Hog ring clip installation                           |

Hog ring clip installer



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

### Troubleshooting

| Symptom  | Suspect Area   | Remedy  |
|--|--|---|
| Water leaks from sunroof   | Dirt accumulation in drain tube  | Remove dirt from drain                                  |
|  | Clogged drain tube   | Blow air into drain to remove dirt                      |
|  | Broken or dislocated drain tube, defective or cracked clip   | Check tube installation and flange contact              |
|  | Deteriorated roof lid weatherstrip   | Replace   |
|  | Excessive roof lid-to-body clearance and improperly fitted weatherstrip  | Adjust  |
| Wind noise around sunroof  | Loose or deformed deflector, gaps in body work   | Retighten adjust or replace                             |
| Noise heard when opening, closing sunroof  | Foreign particles lodged in guide rail   | Check drive cable and guide rails for foreign particles |
|  | Loose guide rails and lid  | Retighten   |
| Motor runs but sunroof does not move or moves only partially   | Foreign particles lodged in guide rail   | Adjust or replace                                       |
|  | Incorrect engagement of motor pinion with drive cable  |   |
|  | Decrease in motor's clutch slipping force  |   |
|  | Increased sunroof sliding resistance or interference of sunroof with drive cables, weatherstrip, etc. due to mal adjustment 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<br>end rear window | Defective seal   | Fill with sealant |
|  | Defective flange | Correct           |

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

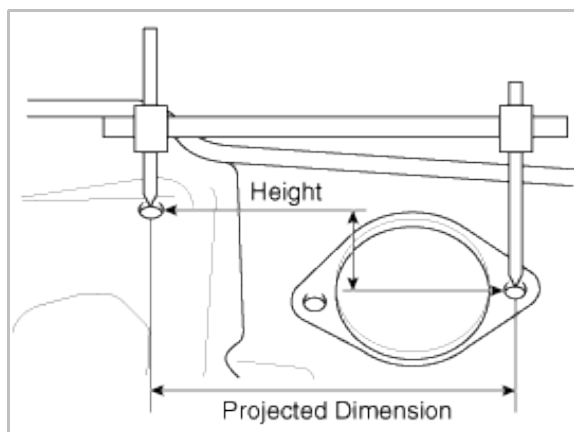
### General

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 are adjustable, make the measurement by lengthening one probe by the amount equivalent to the difference in height of the two surfaces.

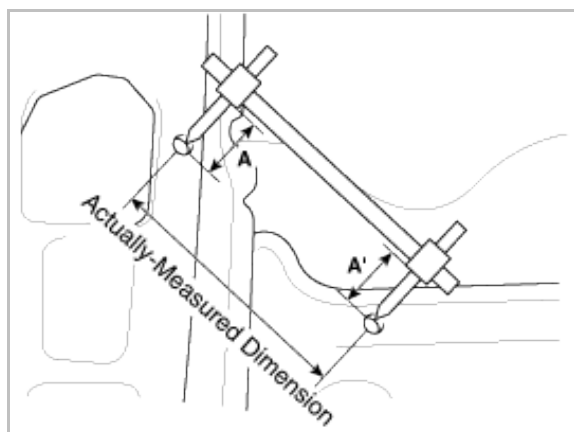


#### Actual-Measurement Dimensions

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 ( $A=A'$ ).

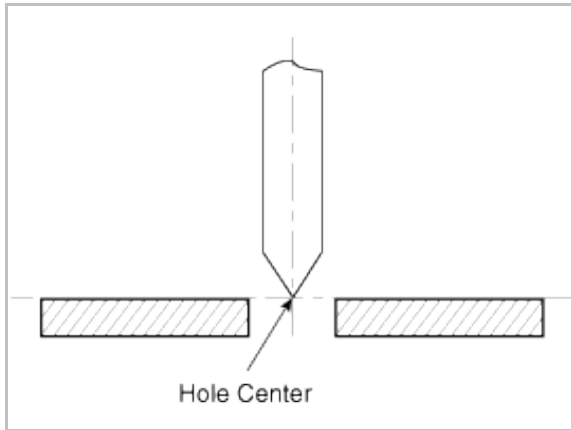
#### CAUTION

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



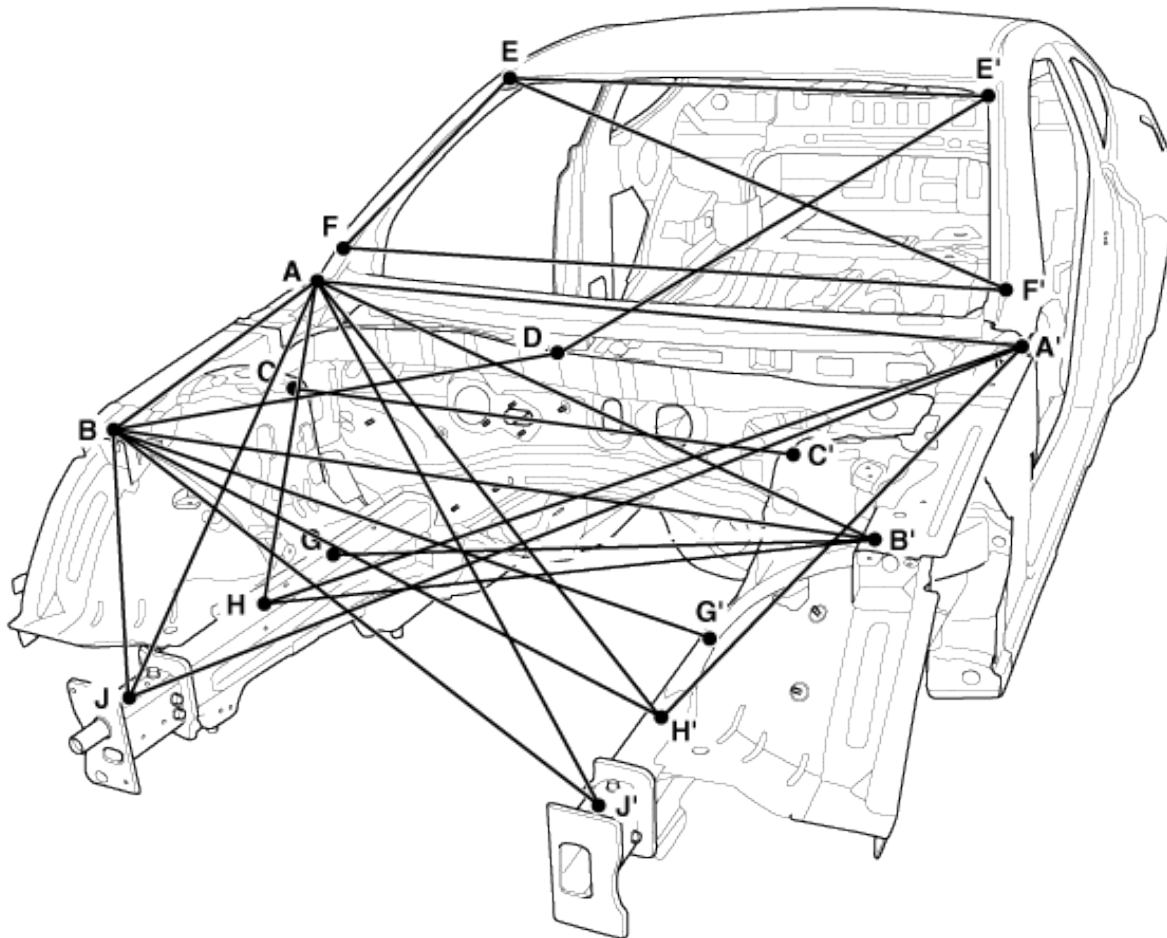
## Measurement Point

1. Measurements should be taken at the hole center.



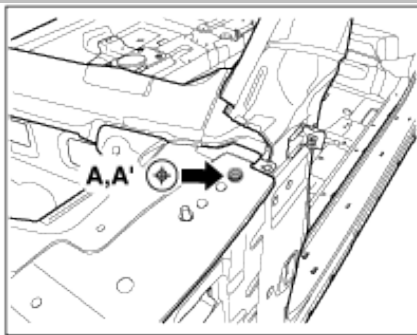
**Body (Interior and Exterior) > Body Dimensions > Front Body > Body Repair**

**Front Body A**

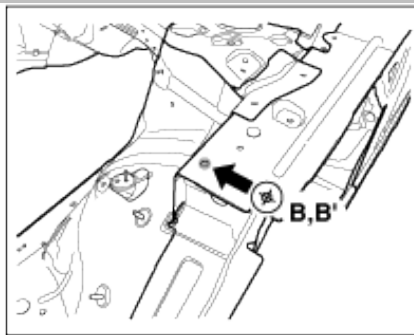


\* These dimensions indicated in this figure are actual-measurement dimensions.

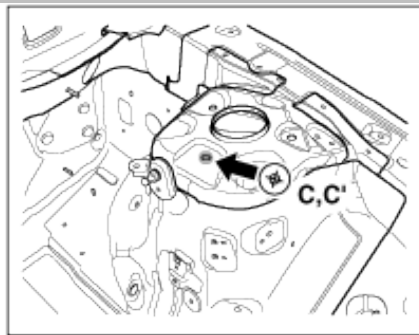
| Point symbol | A-A'         | A-B<br>A'-B' | A-B'<br>A'-B | A-H  | A'-H'        | A-H'         | A'-H | A-J<br>A'-J' |
|--------------|--------------|--------------|--------------|------|--------------|--------------|------|--------------|
| Length(mm)   | 1596         | 719          | 1683         | 940  | 942          | 1525         | 1513 | 1248         |
| Point symbol | A-J'<br>A'-J | B-B'         | B-D<br>B'-D  | B-G' | B'-G         | B-H'         | B'-H | B-J<br>B'-J' |
| Length(mm)   | 1711         | 1450         | 850          | 1213 | 1210         | 1217         | 1206 | 595          |
| Point symbol | B-J'<br>B'-J | C-C'         | D-E<br>D-E'  | E-E' | E-F<br>E'-F' | E'-F<br>E-F' | F-F' |              |
| Length(mm)   | 1265         | 1087         | 1222         | 1209 | 695          | 1527         | 1528 |              |



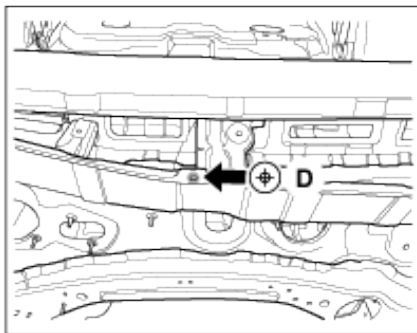
Hood hinge mounting hole  
(ø13)



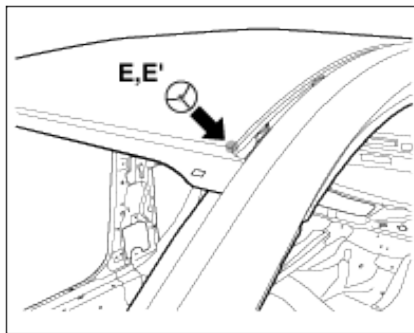
Front end module mounting hole  
(ø9)



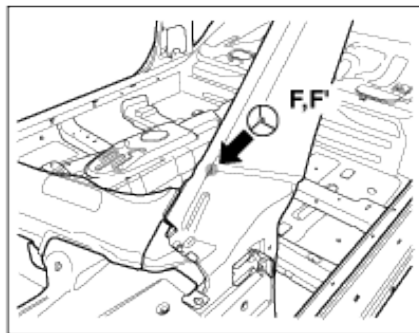
Front suspension mounting hole  
(ø11)



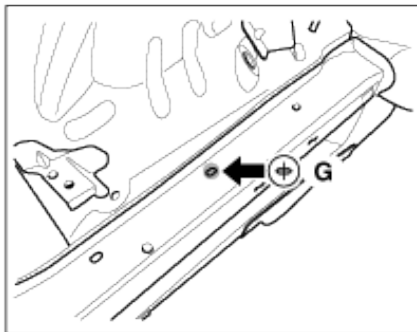
Cowl top cover mounting hole  
(ø7)



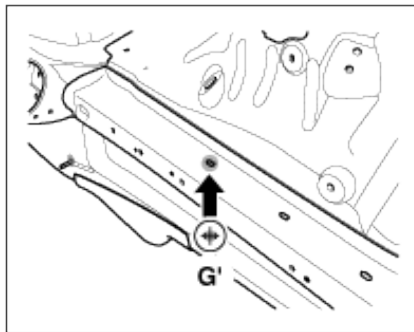
Roof panel front corner



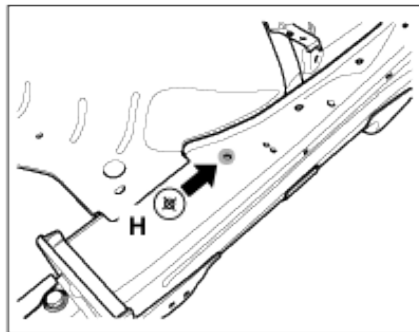
Front pillar outer corner



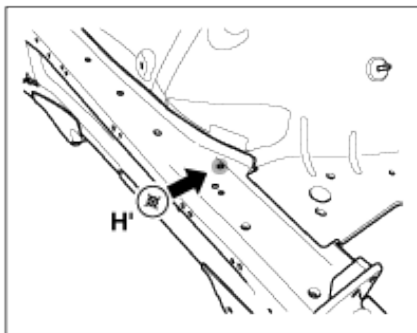
Wiring harness mounting hole  
(7X12)



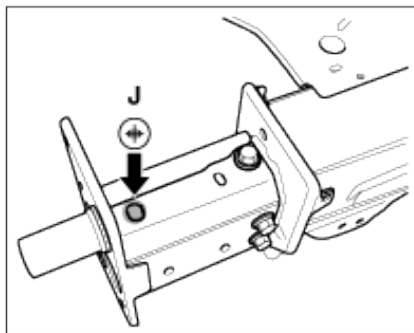
Wiring harness mounting hole  
(7X12)



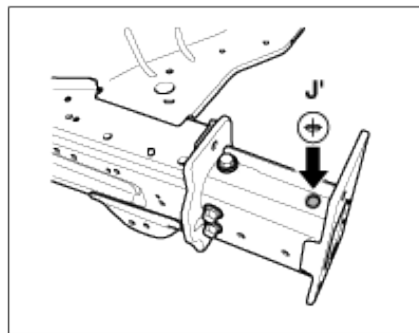
Front side member tooling hole  
(ø7)



Front side member tooling hole  
(ø7)

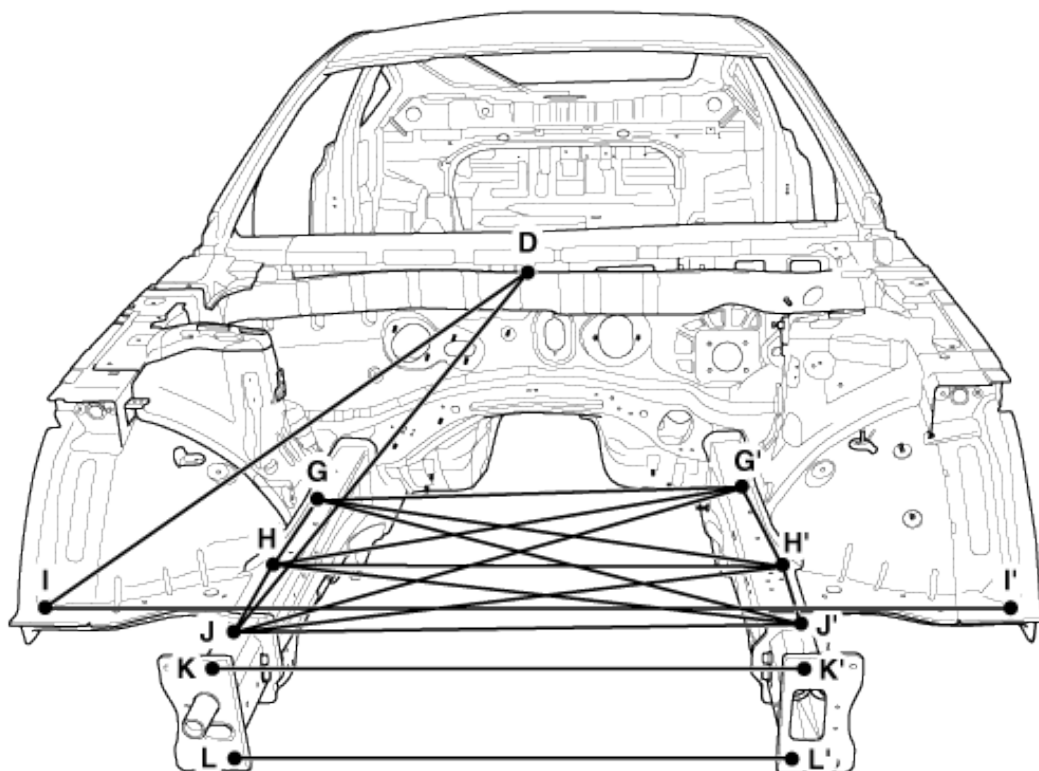


Front crash member tooling hole  
(12X16)



Front crash member tooling hole  
(12X16)

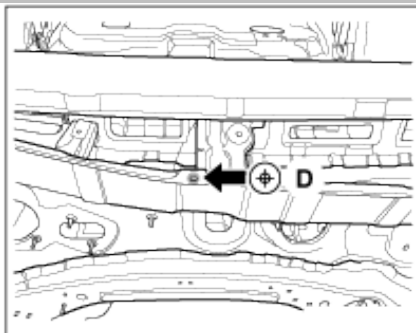
## Front Body B



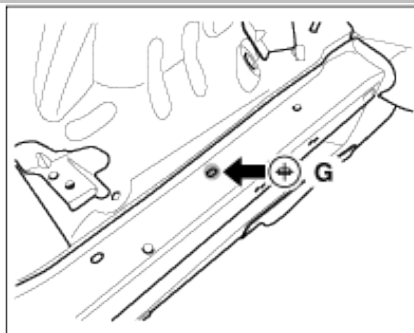
\* These dimensions indicated in this figure are actual-measurement dimensions.

| Point symbol | D-I<br>D-I' | D-J<br>D-J' | G-G' | G-H   | G'-H' | G-H' | G'-H | G-J' |
|--------------|-------------|-------------|------|-------|-------|------|------|------|
| Length(mm)   | 1096        | 1034        | 848  | 282   | 331   | 923  | 919  | 1063 |
| Point symbol | G'-J        | H-H'        | H-J  | H'-J' | H-J'  | H'-J | I-I' | J-J' |
| Length(mm)   | 1083        | 891         | 349  | 341   | 938   | 944  | 1544 | 860  |
| Point symbol | K-K'        | L-L'        |      |       |       |      |      |      |
| Length(mm)   | 851         | 832         |      |       |       |      |      |      |

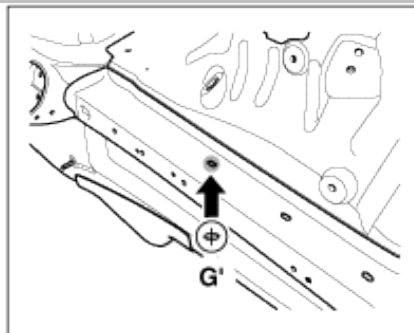




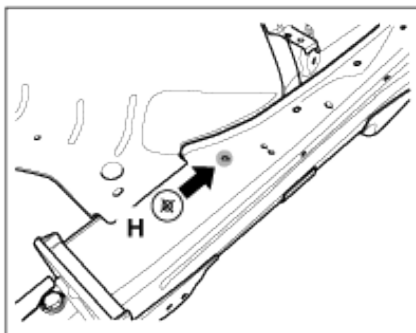
Cowl top cover mounting hole  
(ø7)



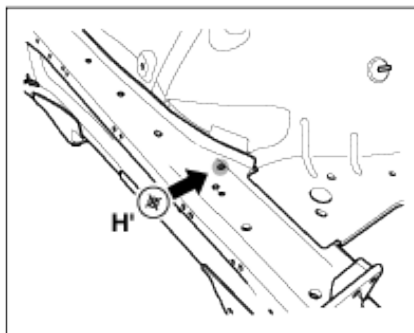
Wiring harness mounting hole  
(7X12)



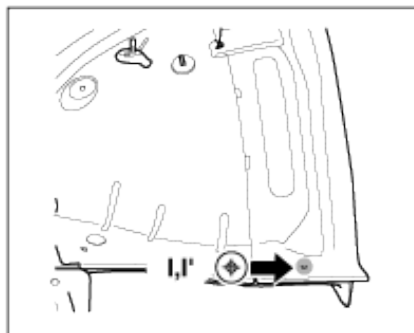
Wiring harness mounting hole  
(7X12)



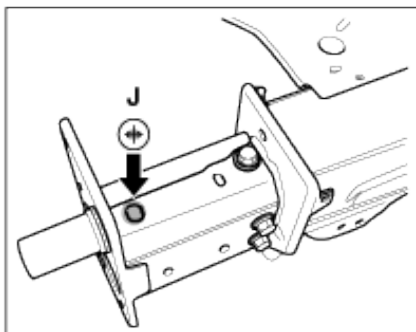
Front side member tooling hole  
(ø7)



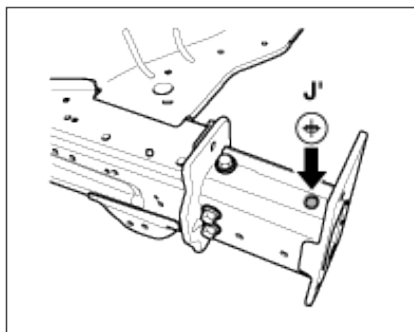
Front side member tooling hole  
(ø7)



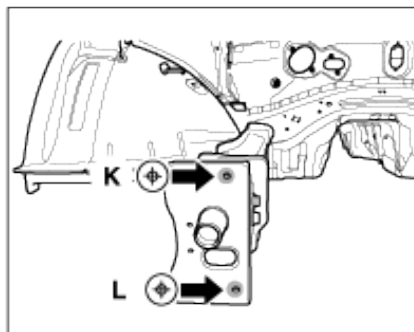
Fender apron panel tooling hole  
(ø7)



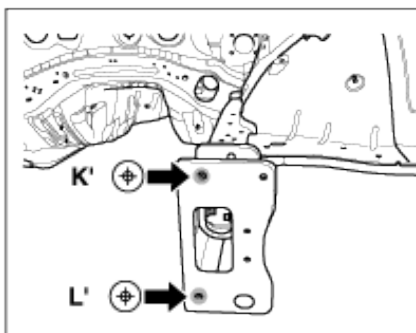
Front crash member tooling hole  
(7X12)



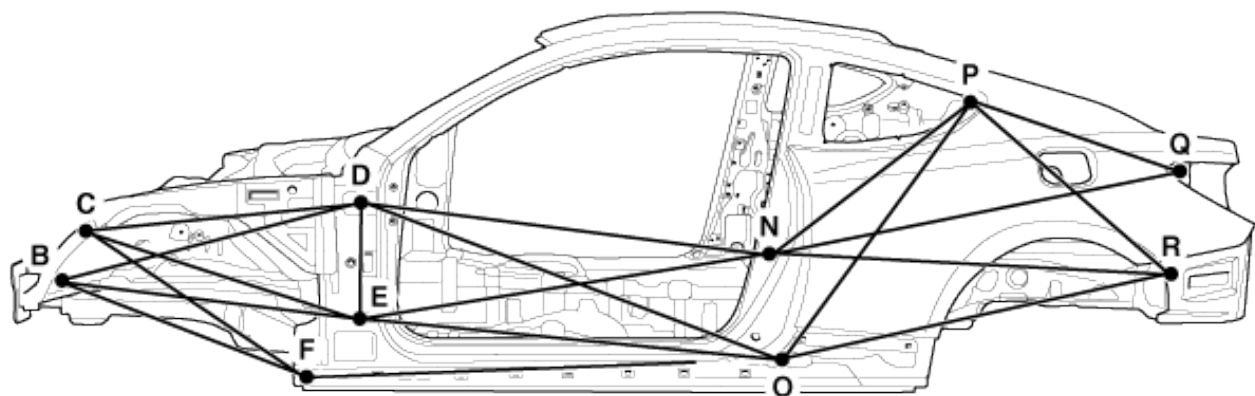
Front crash member tooling hole  
(7X12)



Front end module mounting hole  
(ø9)

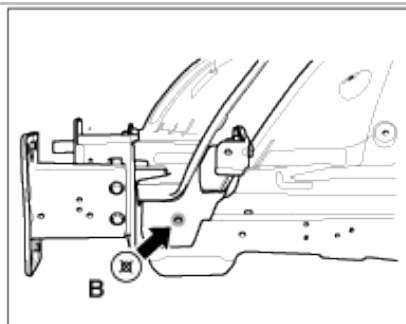


Front end module mounting hole  
(ø9)

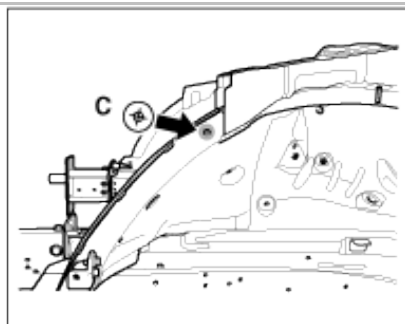


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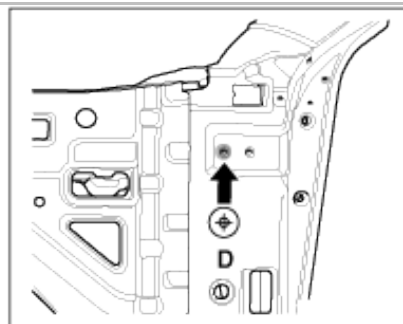
|              |      |      |      |      |     |      |      |      |
|--------------|------|------|------|------|-----|------|------|------|
| Point symbol | B-D  | B-E  | B-F  | C-D  | C-E | C-F  | D-E  | D-N  |
| Length(mm)   | 1080 | 1037 | 917  | 836  | 885 | 838  | 365  | 1322 |
| Point symbol | D-O  | E-N  | E-O  | F-O  | N-P | N-Q  | N-R  | O-P  |
| Length(mm)   | 1430 | 1318 | 1346 | 1493 | 832 | 1350 | 1285 | 1027 |
| Point symbol | O-R  | P-Q  | P-R  |      |     |      |      |      |
| Length(mm)   | 1268 | 694  | 841  |      |     |      |      |      |



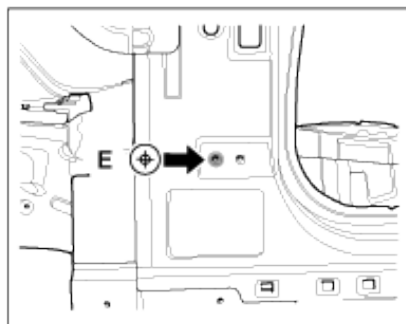
Fender apron panel tooling hole  
(ø7)



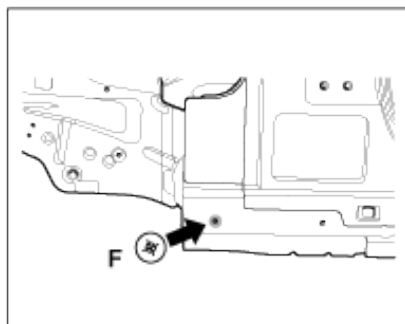
Fender apron panel tooling hole  
(ø7)



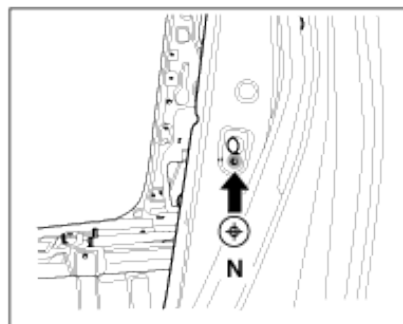
Front door hinge upper mounting  
hole  
(ø13)



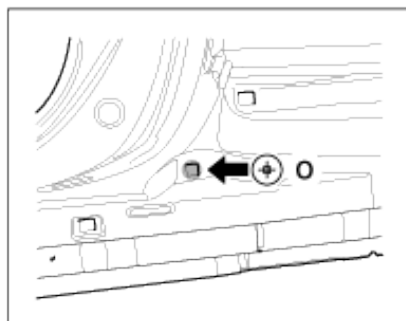
Front door hinge lower mounting  
hole  
(ø13)



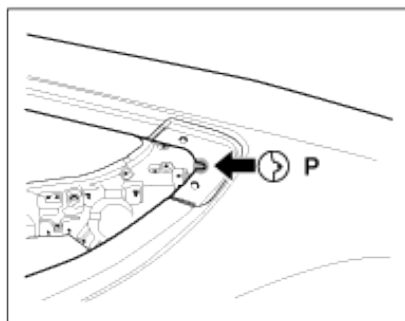
Fender mounting hole  
(ø6.6)



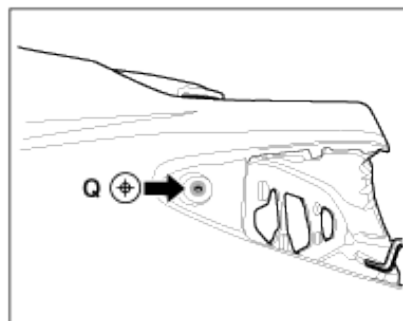
Front door switch mounting hole  
(ø8)



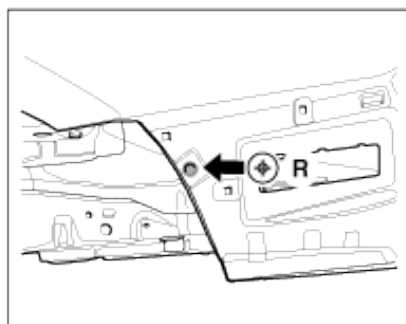
Side garnish mounting hole  
(12X12)



Quarter fixed glass mounting notch

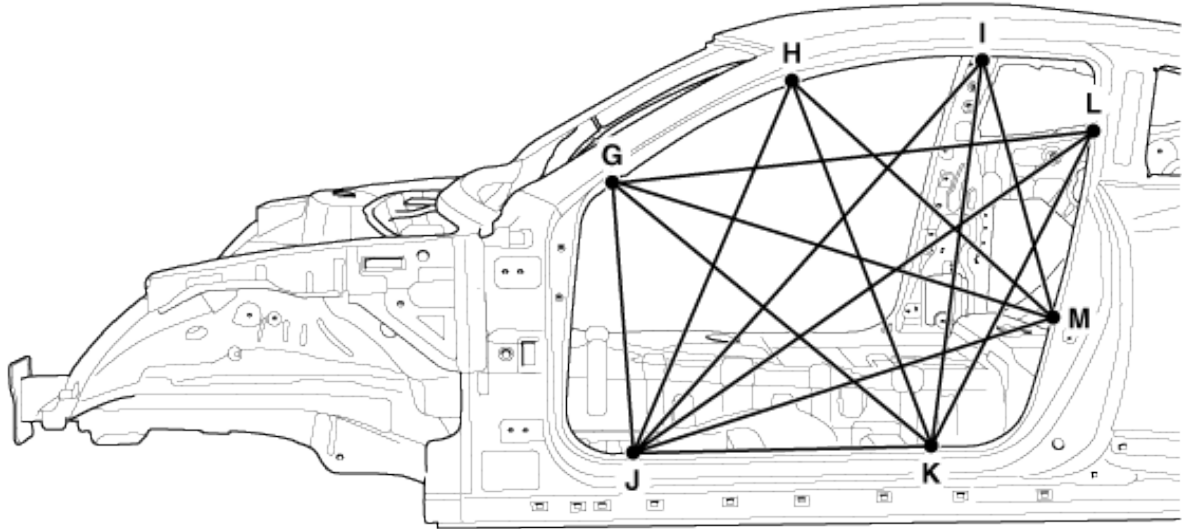


Rear combination lamp mounting  
hole  
(ø6)



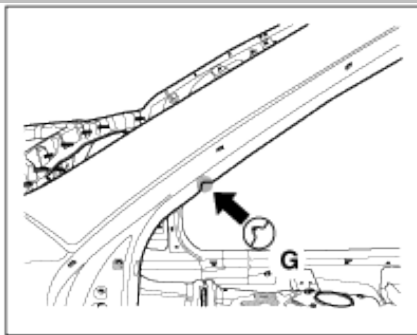
Rear bumper mounting hole  
(ø13)

## Side Body B

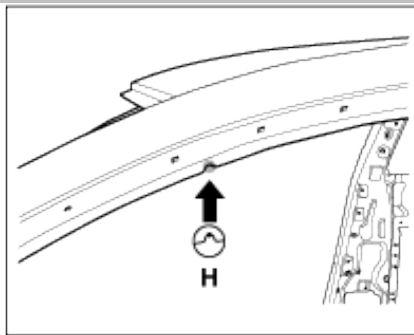


\* These dimensions indicated in this figure are actual-measurement dimensions.

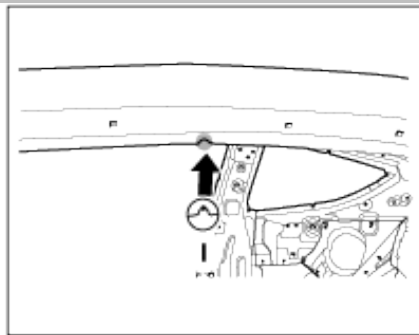
|              |     |     |      |      |      |     |     |      |
|--------------|-----|-----|------|------|------|-----|-----|------|
| Point symbol | G-J | G-K | G-L  | G-M  | H-J  | H-K | H-M | I-J  |
| Length(mm)   | 646 | 982 | 1127 | 1078 | 945  | 924 | 824 | 1259 |
| Point symbol | I-K | I-M | J-K  | J-L  | J-M  | K-L |     |      |
| Length(mm)   | 941 | 638 | 700  | 1321 | 1031 | 851 |     |      |



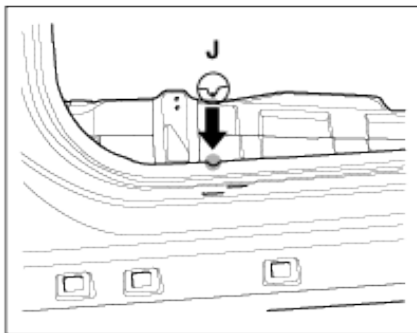
Side outer panel notch



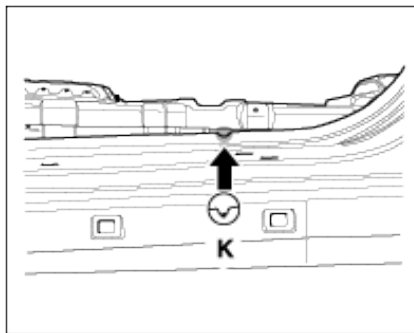
Side outer panel notch



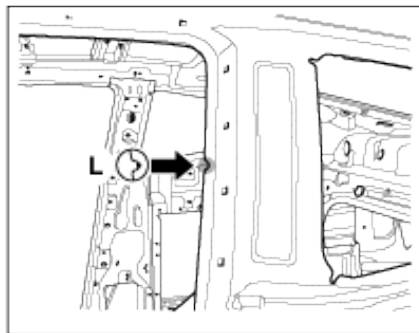
Side outer panel notch



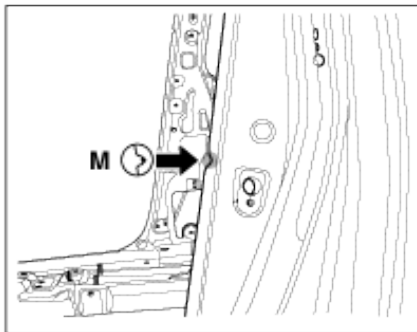
Side outer panel notch



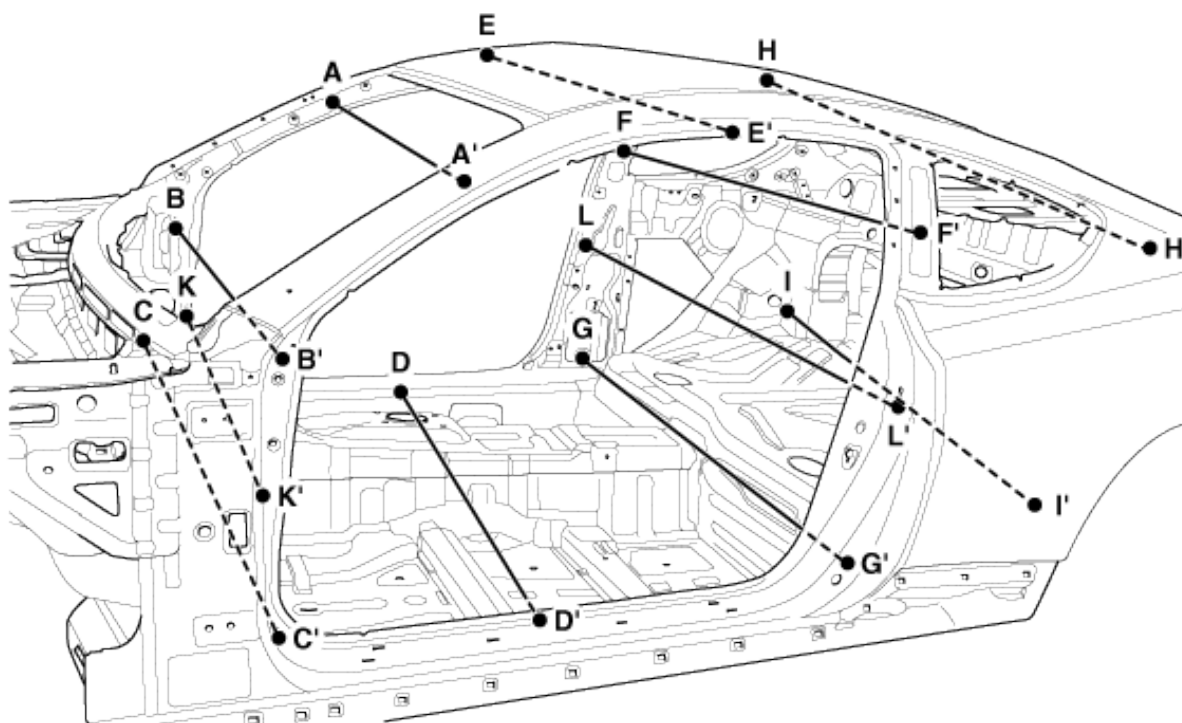
Side outer panel notch



Side outer panel notch

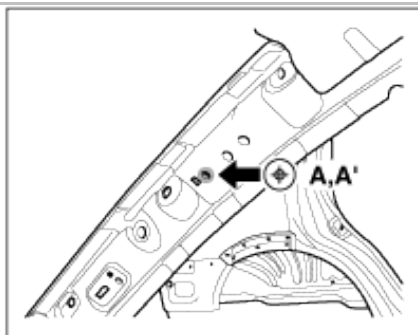


Side outer panel notch

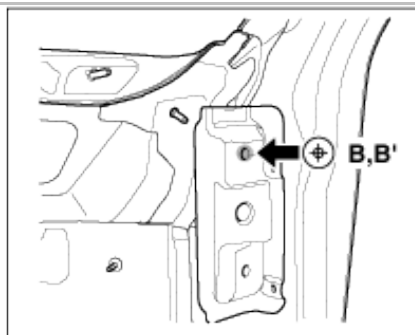


\* These dimensions indicated in this figure are actual-measurement dimensions.

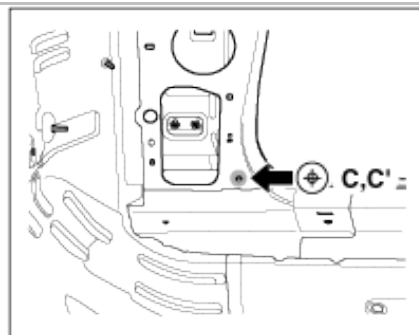
|              |      |      |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|------|------|
| Point symbol | A-A' | B-B' | C-C' | D-D' | E-E' | F-F' | G-G' | H-H' |
| Length(mm)   | 1325 | 1418 | 1483 | 1433 | 1194 | 1373 | 1476 | 1150 |
| Point symbol | I-I' | K-K' | L-L' |      |      |      |      |      |
| Length(mm)   | 1109 | 1558 | 1604 |      |      |      |      |      |



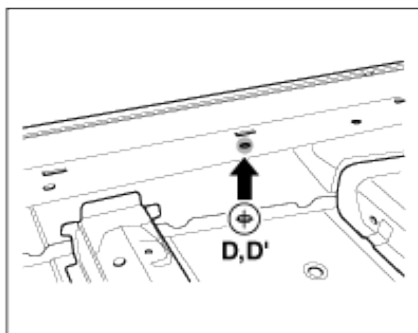
Curtain airbag mounting hole  
(ø6.6)



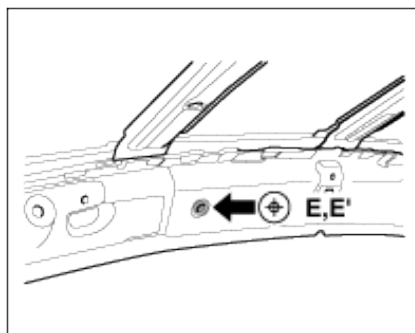
Cowl crossbar mounting hole  
(ø9)



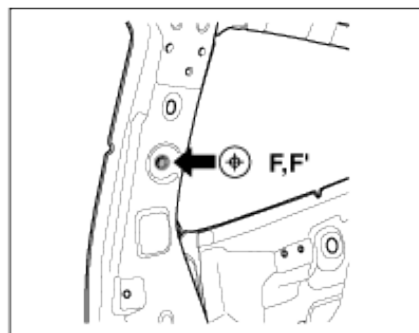
Cowl side trim mounting hole  
(ø8.5)



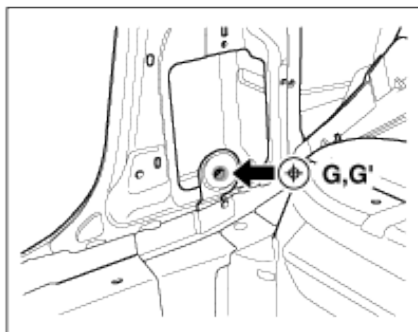
Side sill inner panel tooling hole  
(7X12)



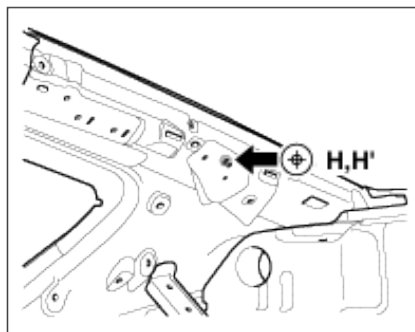
Side inner panel tooling hole  
(ø10)



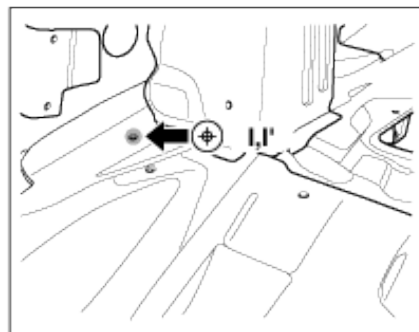
Front seatbelt anchor mounting hole  
(ø15)



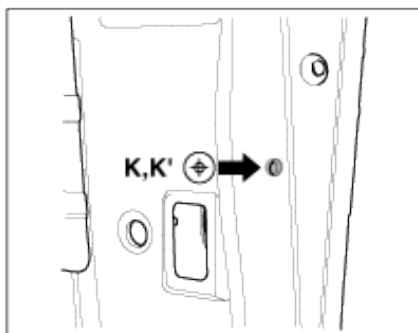
Front seatbelt retractor mounting hole  
(ø12)



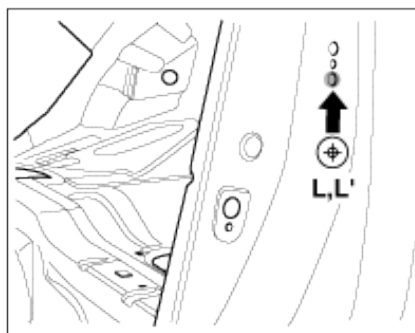
Quarter inner panel tooling hole  
(ø6.6)



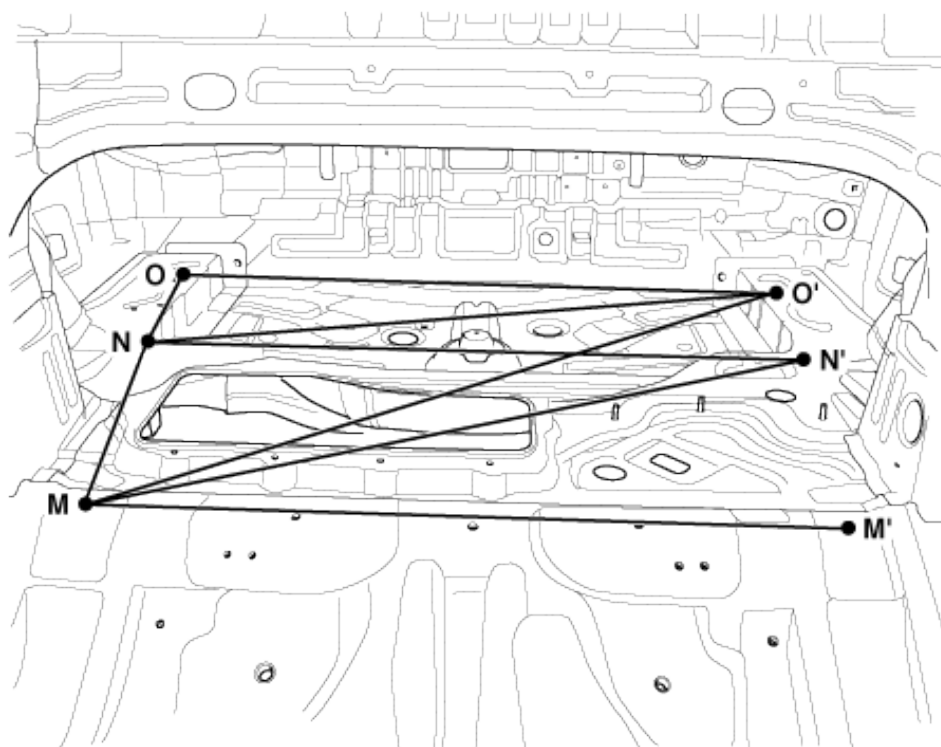
Rear floor panel tooling hole  
(ø8)



Front door checker mounting hole  
(ø13)



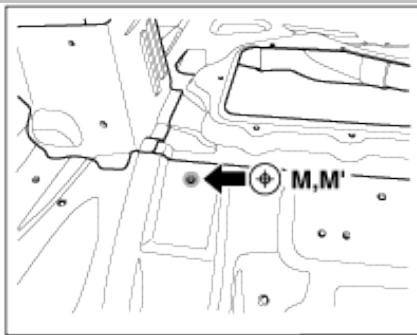
Front door striker mounting hole  
(ø11)



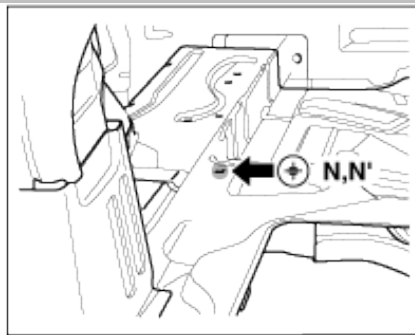
\* These dimensions indicated in this figure are actual-measurement dimensions.

| Point symbol | M-M' | M'-N'<br>M-N | M'-N<br>M-N' | M'-O<br>M-O' | N-N' | N-O<br>N'-O' | N'-O<br>N-O' | O-O' |
|--------------|------|--------------|--------------|--------------|------|--------------|--------------|------|
| Length(mm)   | 770  | 454          | 956          | 1219         | 920  | 371          | 1049         | 1046 |

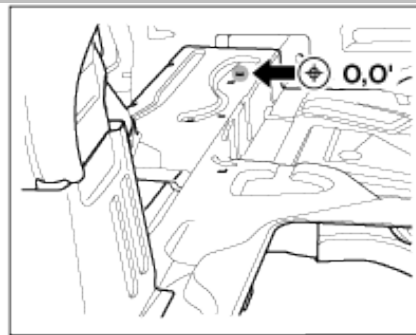




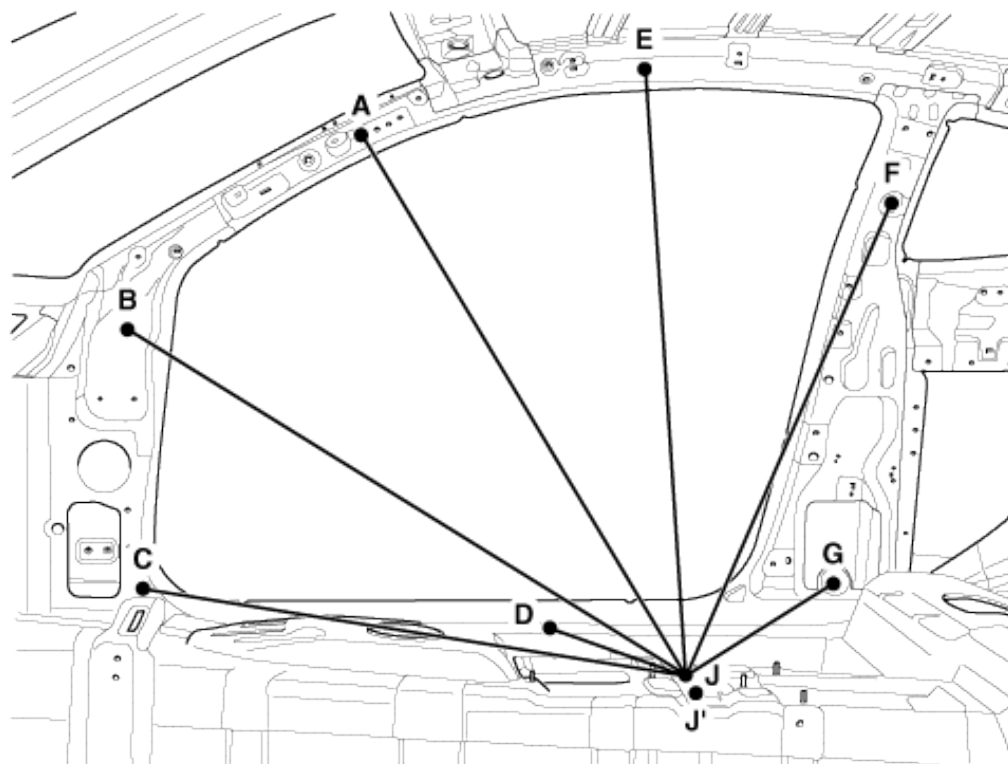
Rear floor panel tooling hole  
(⌀9)



Rear floor panel tooling hole  
(8.5X8.5)

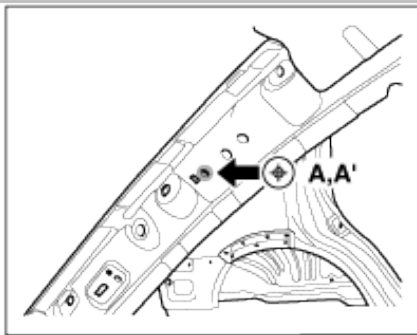


Spair tire well tooling hole  
(⌀10)

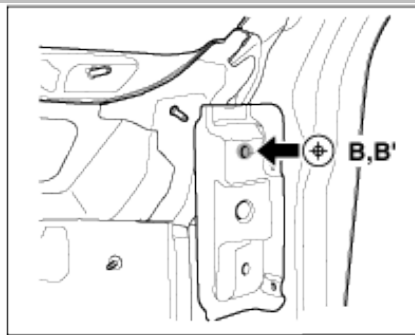


\* These dimensions indicated in this figure are actual-measurement dimensions.

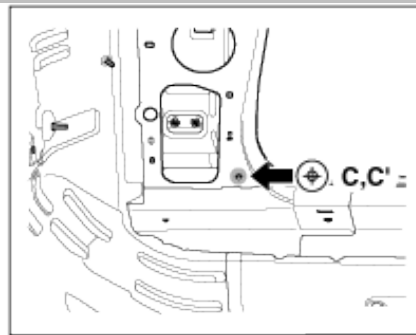
| Point symbol | J-A<br>J'-A' | J-B  | J'-B' | J-C<br>J'-C' | J-D<br>J'-D' | J-E<br>J'-E' | J-F<br>J'-F' | J-G<br>J'-G' |
|--------------|--------------|------|-------|--------------|--------------|--------------|--------------|--------------|
| Length(mm)   | 1093         | 1156 | 1146  | 1105         | 717          | 1051         | 1057         | 825          |



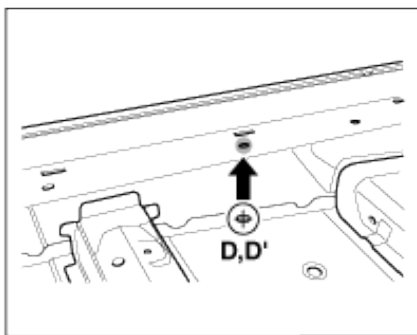
Curtain airbag mounting hole  
(ø6.6)



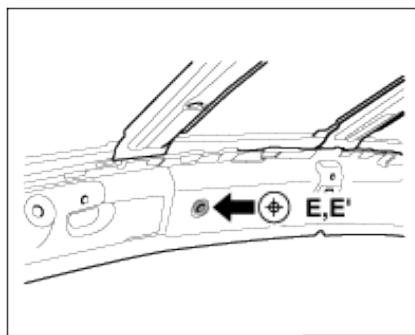
Cowl crossbar mounting hole  
(ø9)



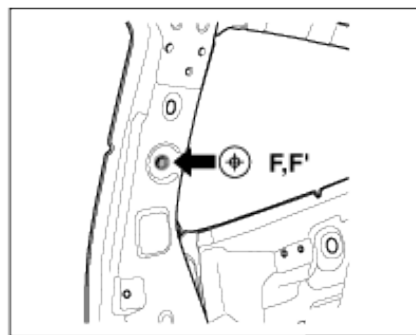
Cowl side trim mounting hole  
(ø8.5)



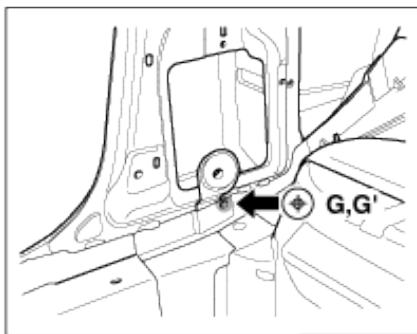
Side sill inner panel tooling hole  
(ø6)



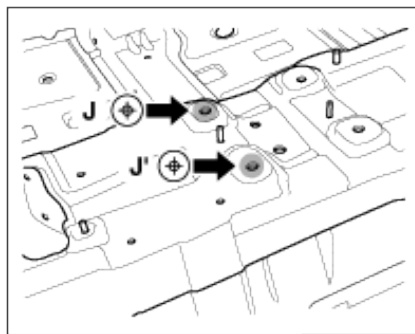
Side inner panel tooling hole  
(ø10)



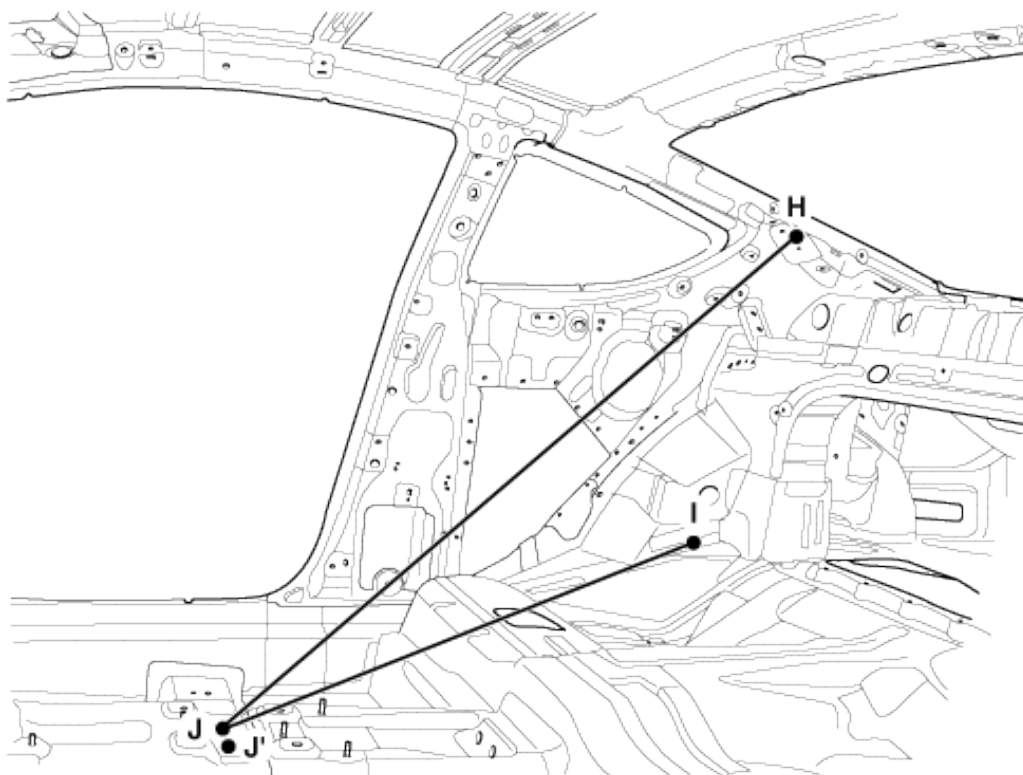
Front seatbelt anchor mounting hole  
(ø15)



Front seatbelt retractor mounting hole  
(ø12)

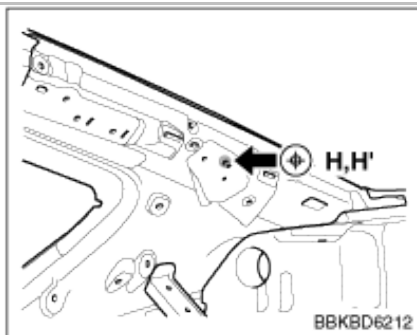


Parking brake lever mounting hole  
(ø10)

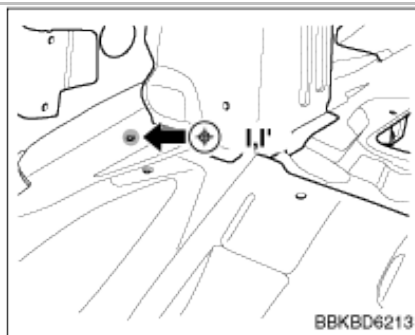


\* These dimensions indicated in this figure are actual-measurement dimensions.

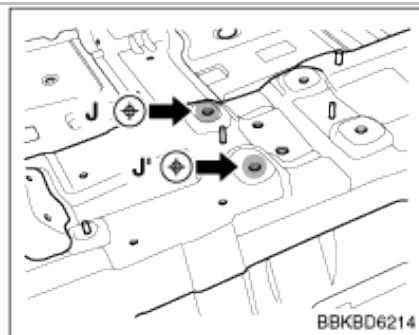
| Point symbol | J-H  | J'-H' | J-I  | J'-I' |  |  |  |  |  |  |
|--------------|------|-------|------|-------|--|--|--|--|--|--|
|              |      |       |      |       |  |  |  |  |  |  |
| Length(mm)   | 1475 |       | 1138 |       |  |  |  |  |  |  |



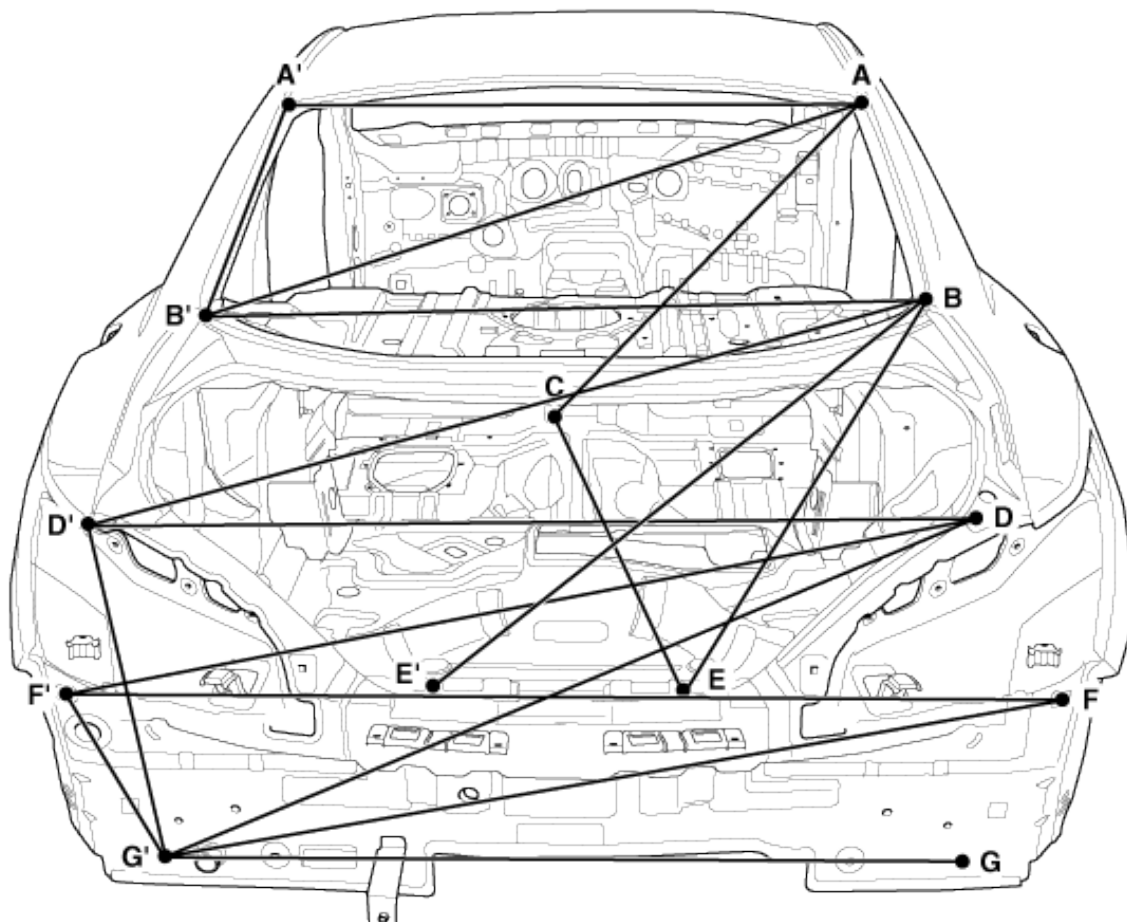
Quarter pillar inner panel tooling hole  
(ø6.6)



Rear floor panel tooling hole  
(ø8)

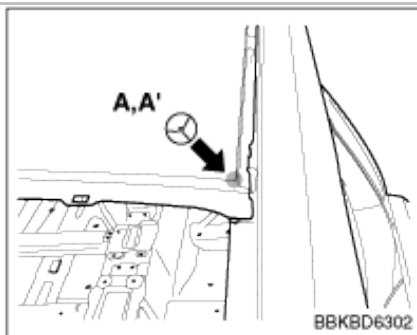


Parking brake lever mounting hole  
(ø9)

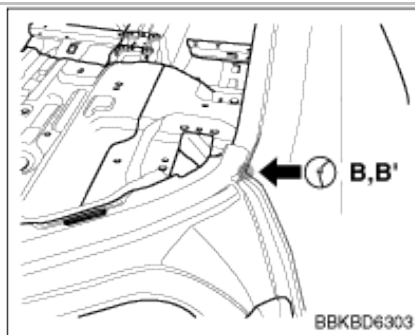


\* These dimensions indicated in this figure are actual-measurement dimensions.

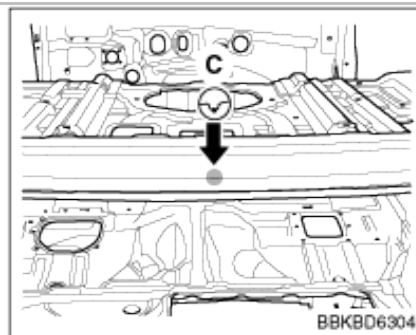
| Point symbol | A-A'        | A-B<br>A'-B' | A-B'<br>A'-B  | A-C<br>A'-C  | B-B'         | B'-D<br>B-D' | B'-E'<br>B-E | B-E'<br>B'-E |
|--------------|-------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|
| Length(mm)   | 1099        | 787          | 1360          | 1180         | 1119         | 1273         | 732          | 968          |
| Point symbol | C-E<br>C-E' | D-D'         | D-F'<br>D'-F' | D-G<br>D'-G' | D-G'<br>D'-G | F-F'         | F-G<br>F'-G' | F-G'<br>F'-G |
| Length(mm)   | 448         | 1259         | 1336          | 512          | 1305         | 1367         | 283          | 1282         |
| Point symbol | G-G'        |              |               |              |              |              |              |              |
| Length(mm)   | 1144        |              |               |              |              |              |              |              |



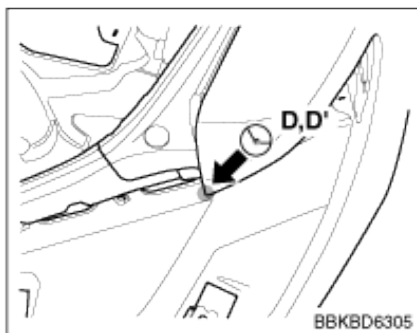
Roof panel rear corner



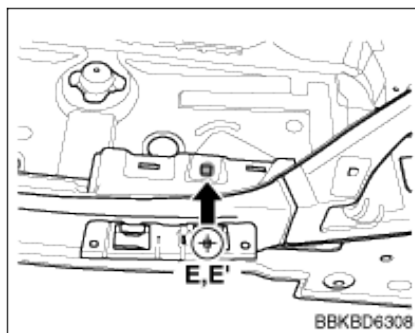
Side outer panel rear corner



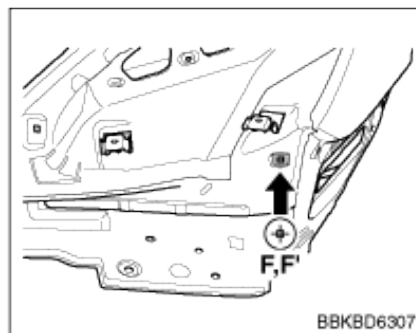
Rear package tray panel notch



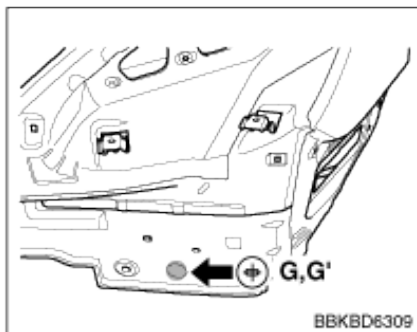
Side outer rear corner



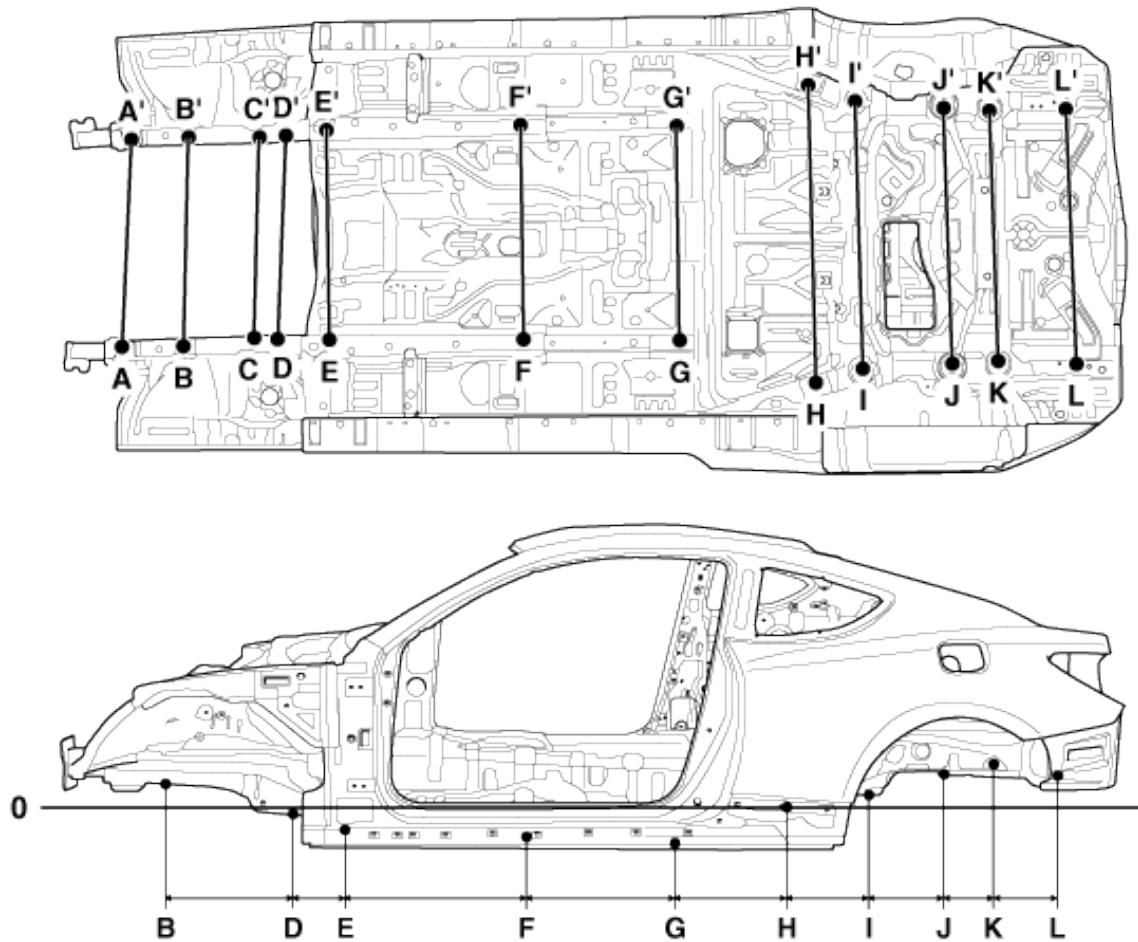
Transverse rear trim mounting hole  
(10X10)



Rear bumper mounting hole  
(8.5X8.5)



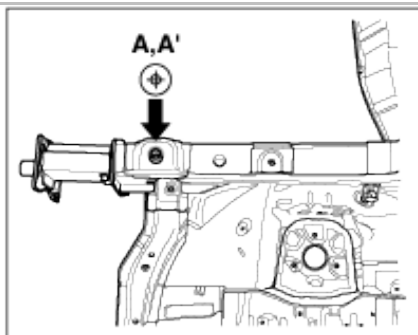
Back panel tooling hole  
(18X16)



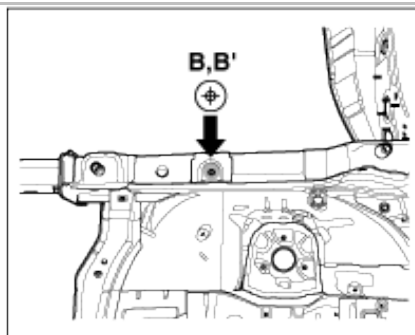
\* These dimensions indicated in this figure are actual-measurement dimensions.

|              |             |             |             |             |             |             |             |             |
|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Point symbol | <b>A-A'</b> | <b>B-B'</b> | <b>C-C'</b> | <b>D-D'</b> | <b>E-E'</b> | <b>F-F'</b> | <b>G-G'</b> | <b>H-H'</b> |
| Length(mm)   | 868         | 860         | 818         | 830         | 848         | 859         | 860         | 1206        |
| Point symbol | <b>I-I'</b> | <b>J-J'</b> | <b>K-K'</b> | <b>L-L'</b> | <b>O-B</b>  | <b>O-D</b>  | <b>O-E</b>  | <b>O-F</b>  |
| Length(mm)   | 1076        | 1038        | 1014        | 1046        | 62.5        | -50         | -119.7      | -147.2      |
| Point symbol | <b>O-G</b>  | <b>O-H</b>  | <b>O-I</b>  | <b>O-J</b>  | <b>O-K</b>  | <b>O-L</b>  | <b>B-D</b>  | <b>D-E</b>  |
| Length(mm)   | -151.4      | 16.7        | 57.2        | 104.2       | 123.2       | 129.4       | 425         | 210         |
| Point symbol | <b>E-F</b>  | <b>F-G</b>  | <b>G-H</b>  | <b>H-I</b>  | <b>I-J</b>  | <b>J-K</b>  | <b>K-L</b>  |             |
| Length(mm)   | 786         | 595         | 504         | 193         | 351         | 181         | 304         |             |

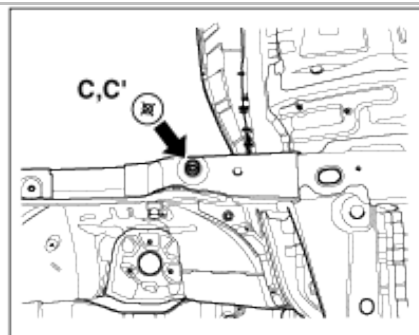




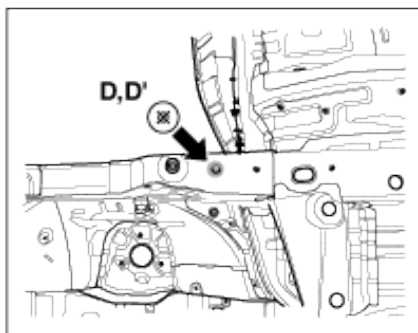
Front sub frame mounting pipe  
(ø25)



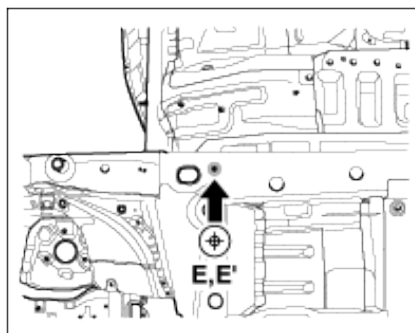
Front sub frame mounting hole  
(ø16)



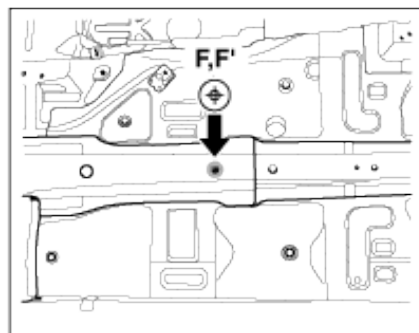
Front sub frame mounting pipe  
(ø27)



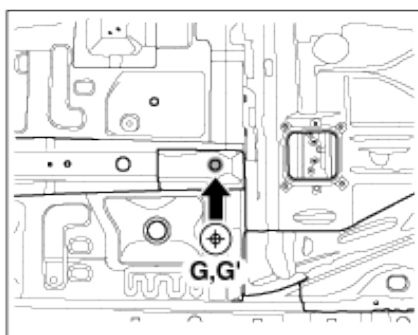
Tooling hole  
(ø15)



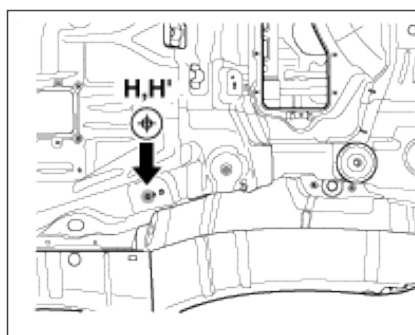
Tooling hole  
(ø8)



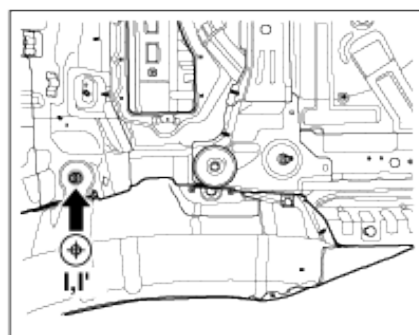
Tooling hole  
(ø14)



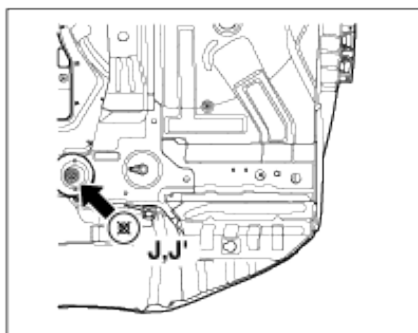
Tooling & paint drain hole  
(ø20)



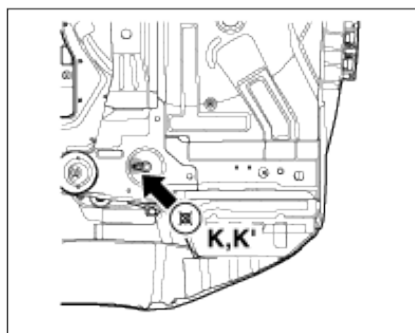
Trailing arm mounting hole  
(ø13)



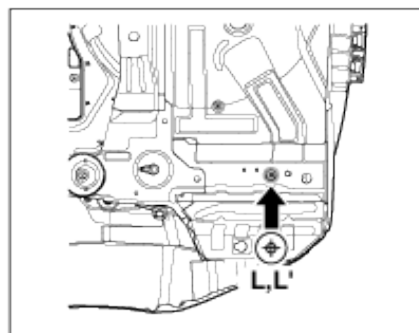
Rear sub frame mounting pipe  
(ø28)



Spring mounting hole  
(ø20)

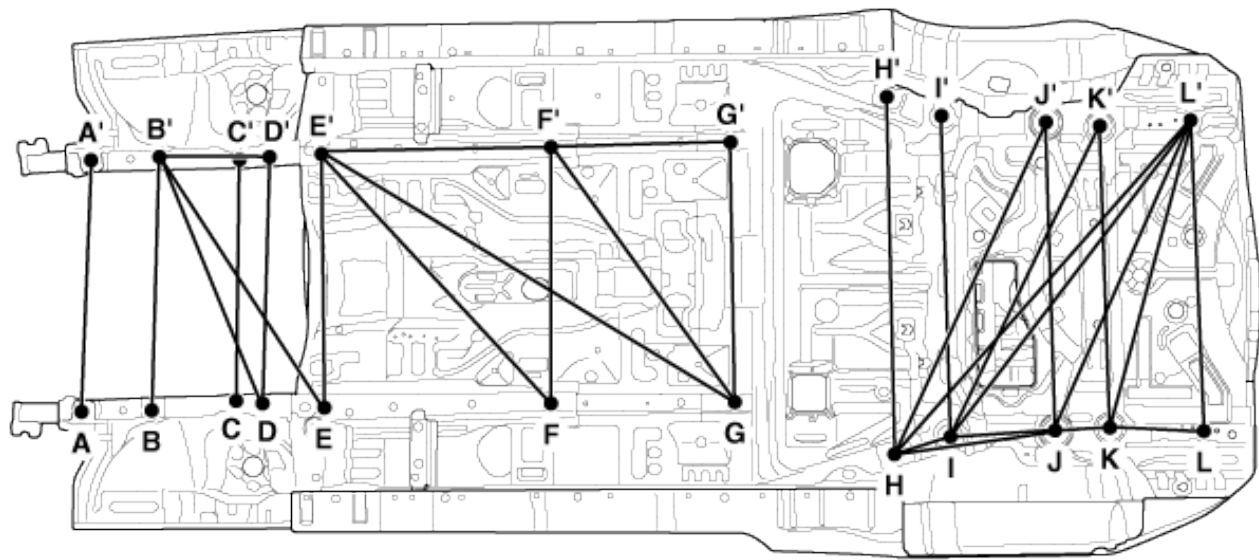


Rear sub frame mounting bolt



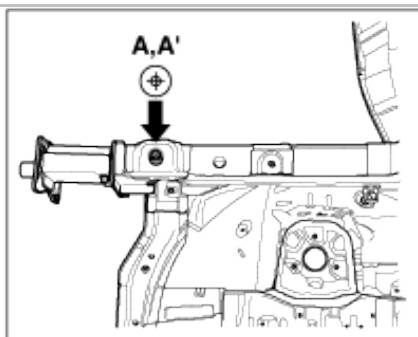
Tooling hole  
(ø25)

## Actual-Measurement Dimensions

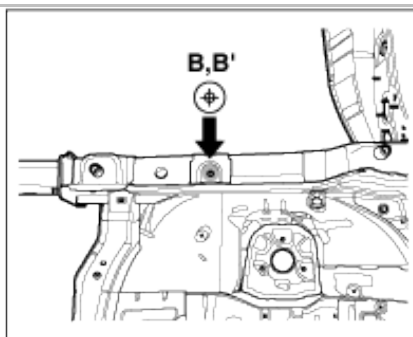


\* These dimensions indicated in this figure are actual-measurement dimensions.

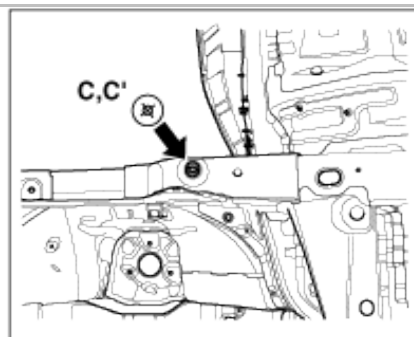
|              |              |              |              |              |              |              |              |      |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|------|
| Point symbol | A-A'         | B-B'         | C-C'         | B-D<br>B'-D' | B-D'<br>B'-D | B-E'<br>B'-E | D-D'         | E-E' |
| Length(mm)   | 868          | 860          | 818          | 440          | 953          | 1080         | 830          | 848  |
| Point symbol | E-F<br>E'-F' | E-F'<br>E'-F | E-G'<br>E'-G | F-F'         | F-G<br>F'-G' | F-G'<br>F'-G | G-G'         | H-H' |
| Length(mm)   | 786          | 1161         | 1624         | 859          | 595          | 1046         | 860          | 1206 |
| Point symbol | H-J<br>H'-J' | H-J'<br>H'-J | H-L'<br>H'-L | I-I'         | I-J<br>I'-J' | I-K'<br>I'-K | I-L'<br>I'-L | J-J' |
| Length(mm)   | 558          | 1251         | 1530         | 1076         | 355          | 1175         | 1353         | 1038 |
| Point symbol | J-K<br>J'-K' | J-L<br>J'-L' | J-L'<br>J'-L | K-K'         | K-L<br>K'-L' | K-L'<br>K'-L | L-L'         |      |
| Length(mm)   | 182          | 486          | 1150         | 1014         | 305          | 1074         | 1046         |      |



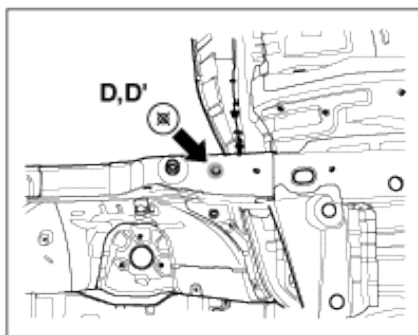
Front sub frame mounting pipe  
(ø25)



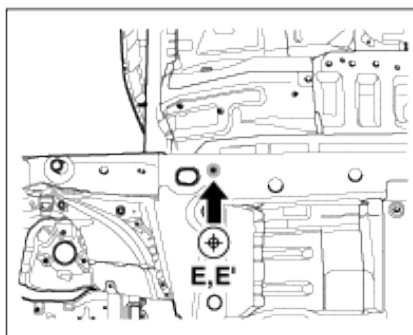
Front sub frame mounting hole  
(ø16)



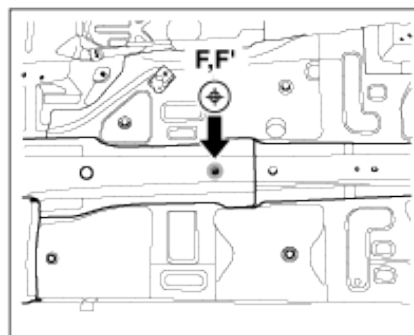
Front sub frame mounting pipe  
(ø27)



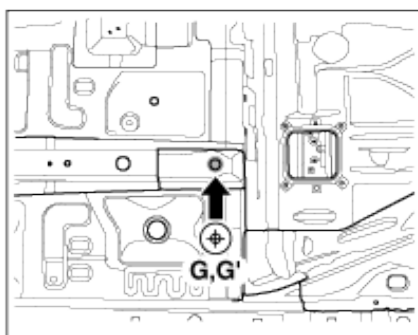
Tooling hole  
(ø15)



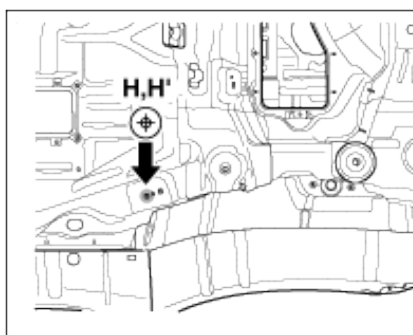
Tooling hole  
(ø8)



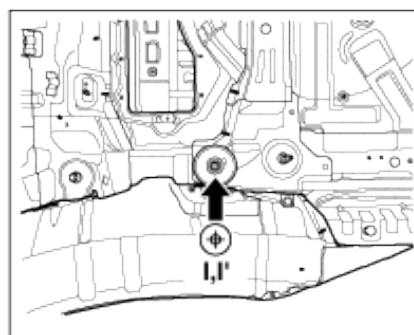
Tooling hole  
(ø14)



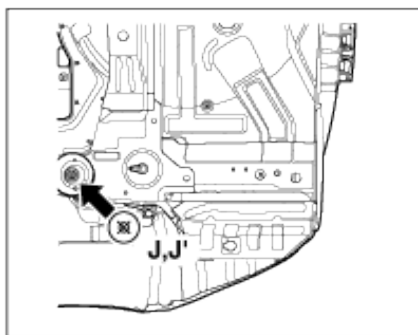
Tooling & paint drain hole  
(ø20)



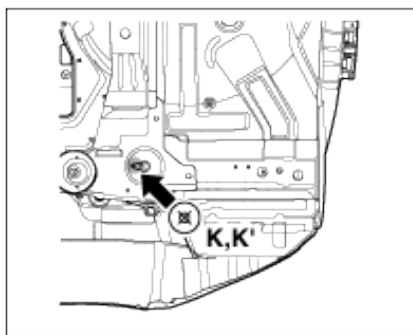
Trailing arm mounting hole  
(ø13)



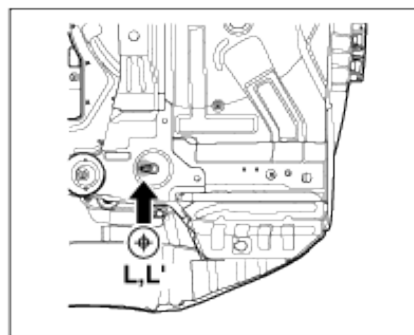
Rear sub frame mounting pipe  
(ø28)



Spring mounting hole  
(ø20)



Rear sub frame mounting bolt



Tooling hole  
(ø25)

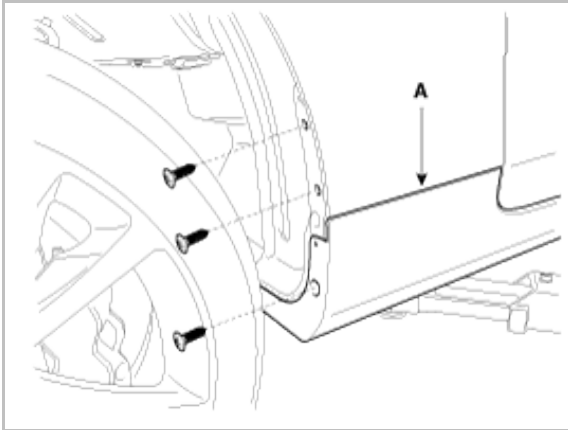
## Body (Interior and Exterior) > Exterior > Fender > Repair procedures

### Replacement

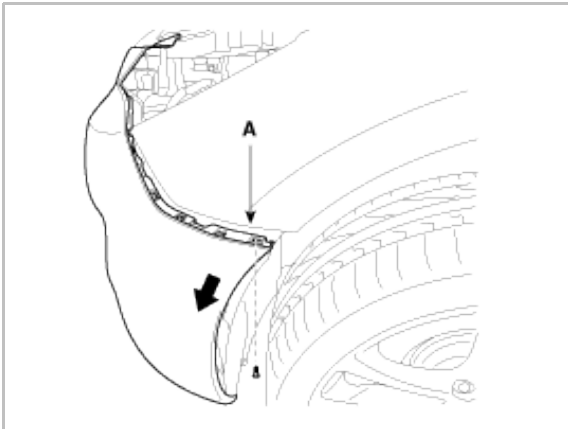
## NOTE

- Be careful not to damage the hood and body.
- When removing the clips, use a clip remover.

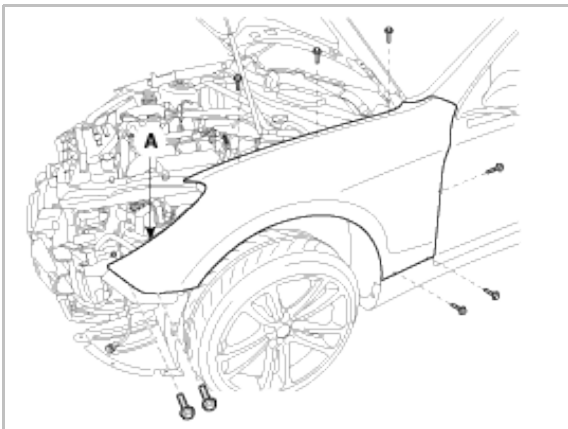
1. Remove the side sill molding (A).
2. Loosening the fender mounting screws.



3. Remove the front bumper mounting screw (A).



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



5. Installation is the reverse of removal.

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

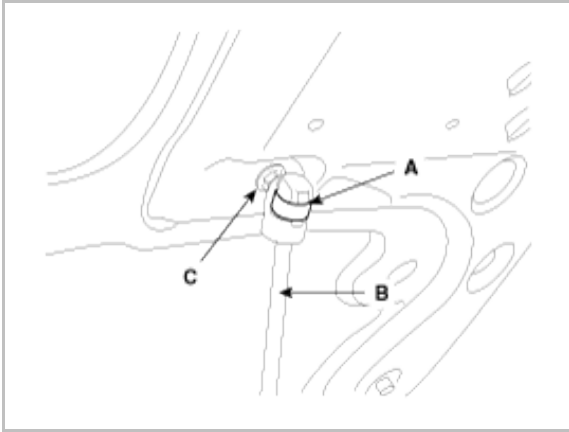
## Replacement

### Hood Assembly Replacement

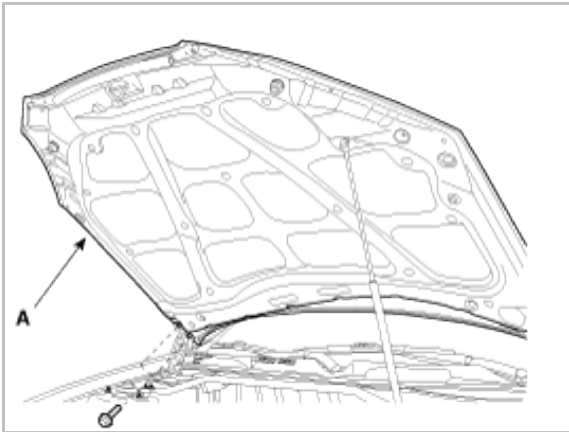
#### NOTE

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

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



2. After loosening the hood hinge mounting bolts, remove the hood (A).



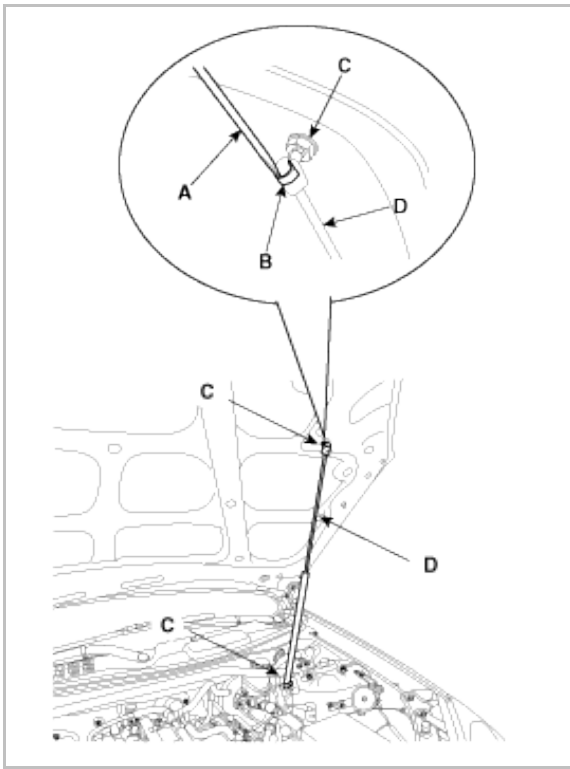
3. Installation is the reverse of removal.

#### NOTE

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

## Hood Lift Replacement

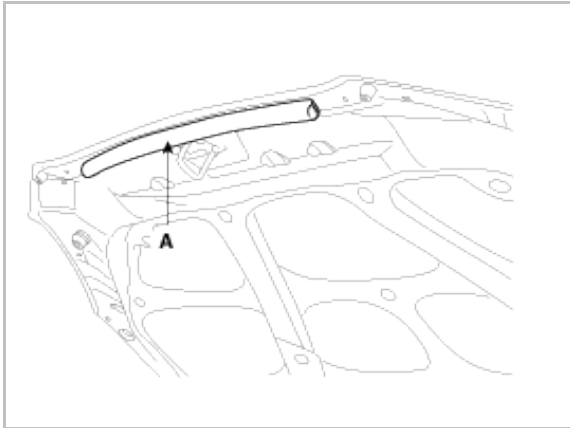
1. Using a screwdriver (A), lift up slightly the socket clips (B) of both ends on the lifter (D), and then remove the lifter from the bracket (C).



2. Installation is the reverse of removal.

## Hood Seal Weatherstrip Replacement

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



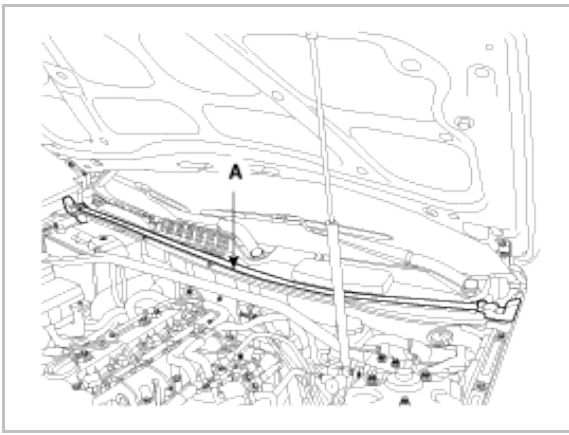
2. Installation is the reverse of removal.

### NOTE

- Replace any damaged clips.

## Hood Weatherstrip Replacement

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



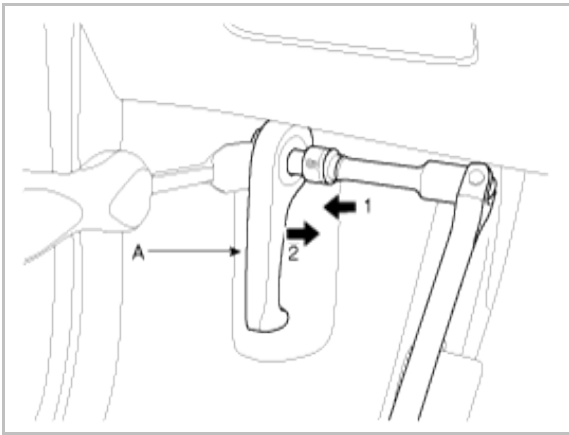
2. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

## Hood Release Handle Replacement

1. After loosening the mounting screw, then remove the hood release handle (A).



2. Installation is the reverse of removal.

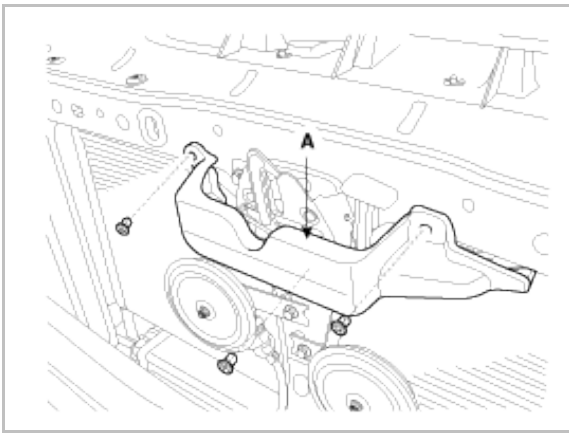
#### NOTE

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

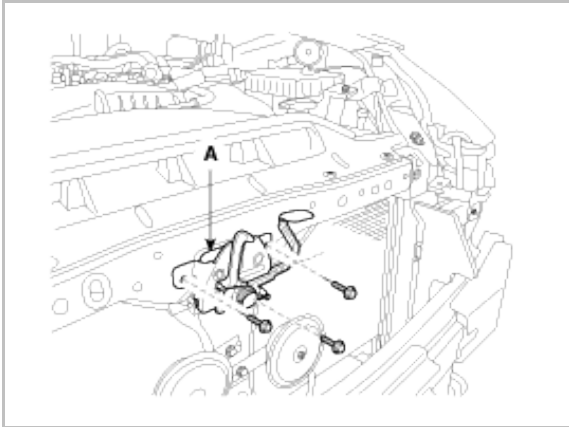
## Hood Latch Replacement

1. Remove the front bumper cover.

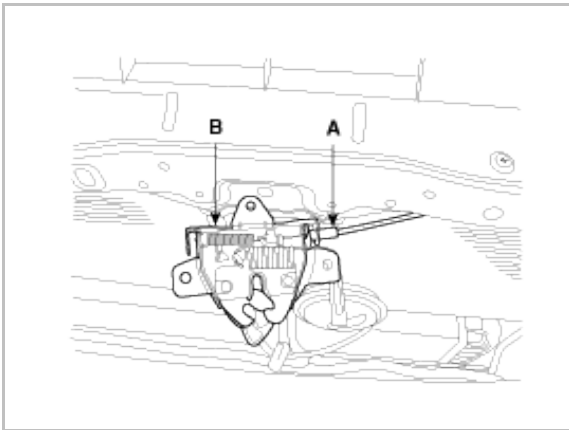
2. Remove the hood latch cover (A).



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



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



5. Installation is the reverse of removal.

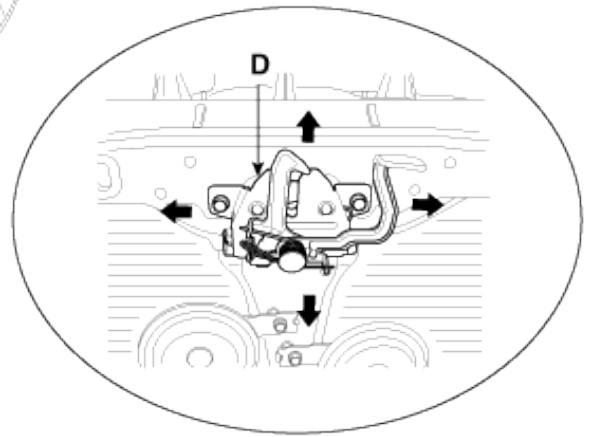
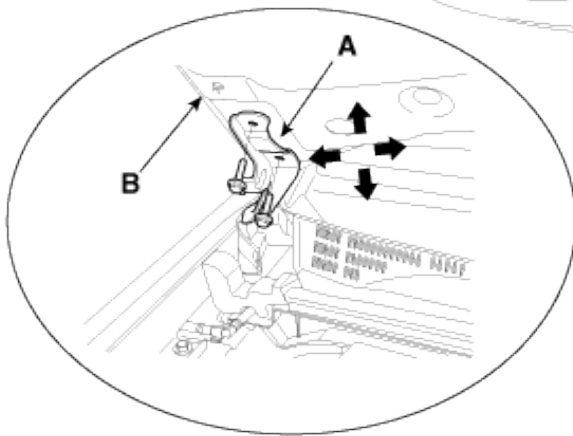
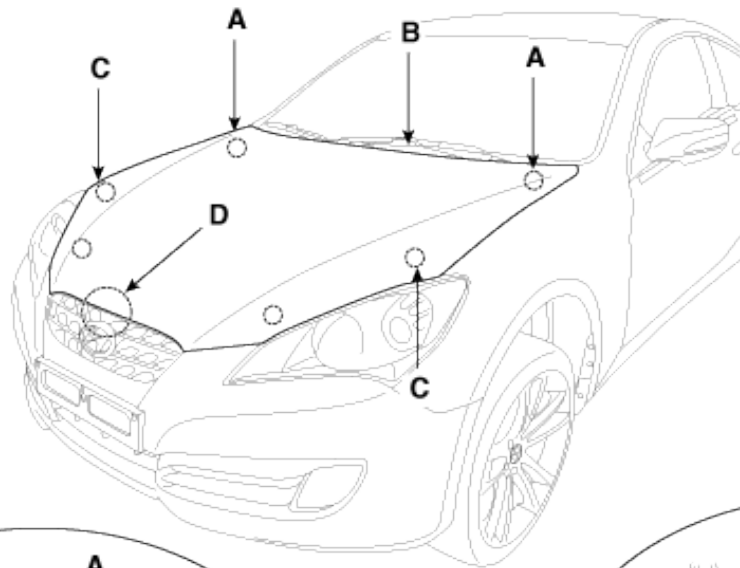
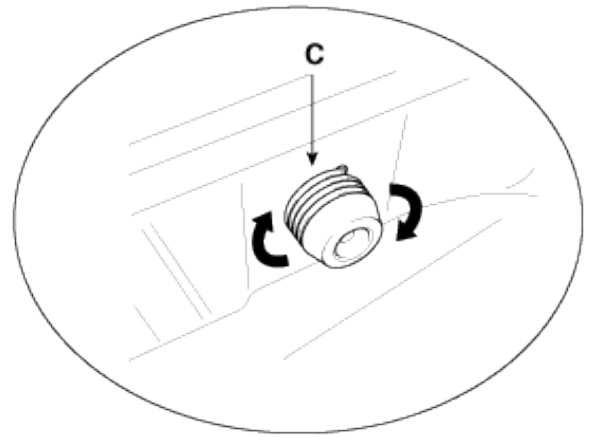
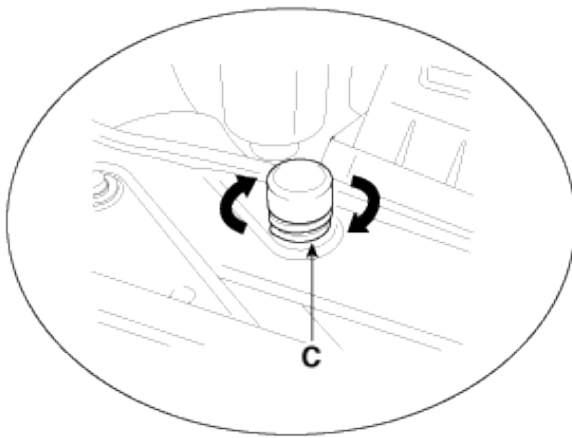
#### NOTE

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

## Adjustment

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





## Body (Interior and Exterior) > Exterior > Trunk Lid > Repair procedures

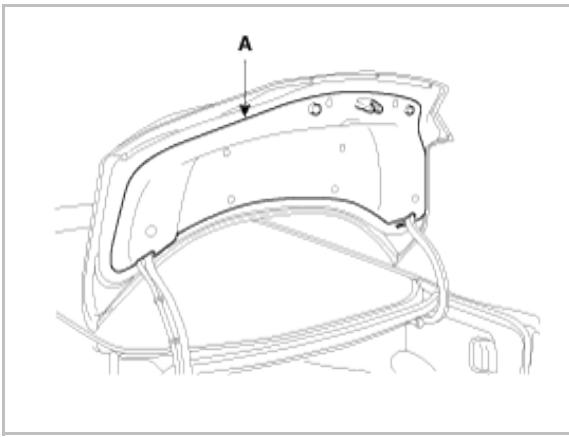
### Replacement

#### Trunk Lid Replacement

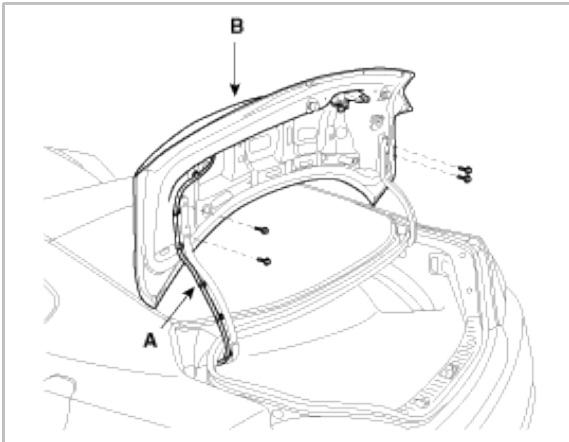
1. Detach the clips, then remove the trunk trim (A).

#### NOTE

- When removing and installing the trunk lid, an assistant is necessary.
- Wear gloves to protect hands from injury.



2. Disconnect the wiring harness (A).
3. After loosening the mounting bolt, remove the trunk lid (B).



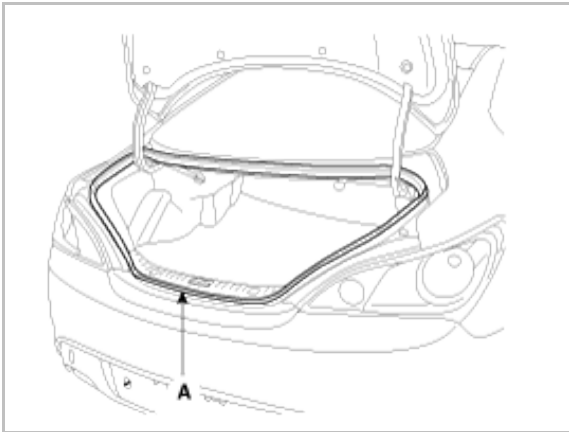
4. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

## Trunk lid weatherstrip replacement

1. Remove the trunk lid weatherstrip (A).

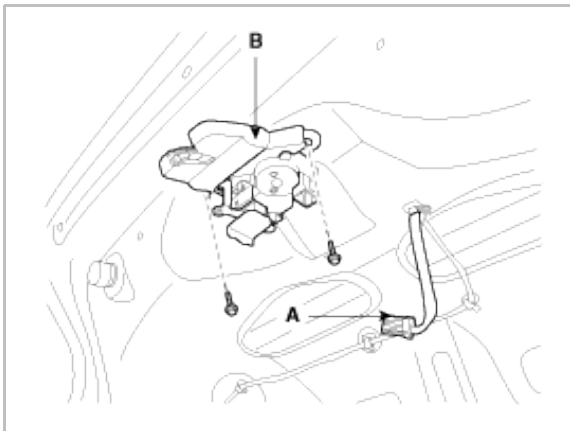


2. Installation is the reverse of removal.

## Trunk lid latch replacement

1. Remove the trunk lid trim.
2. Disconnect the connector (A).

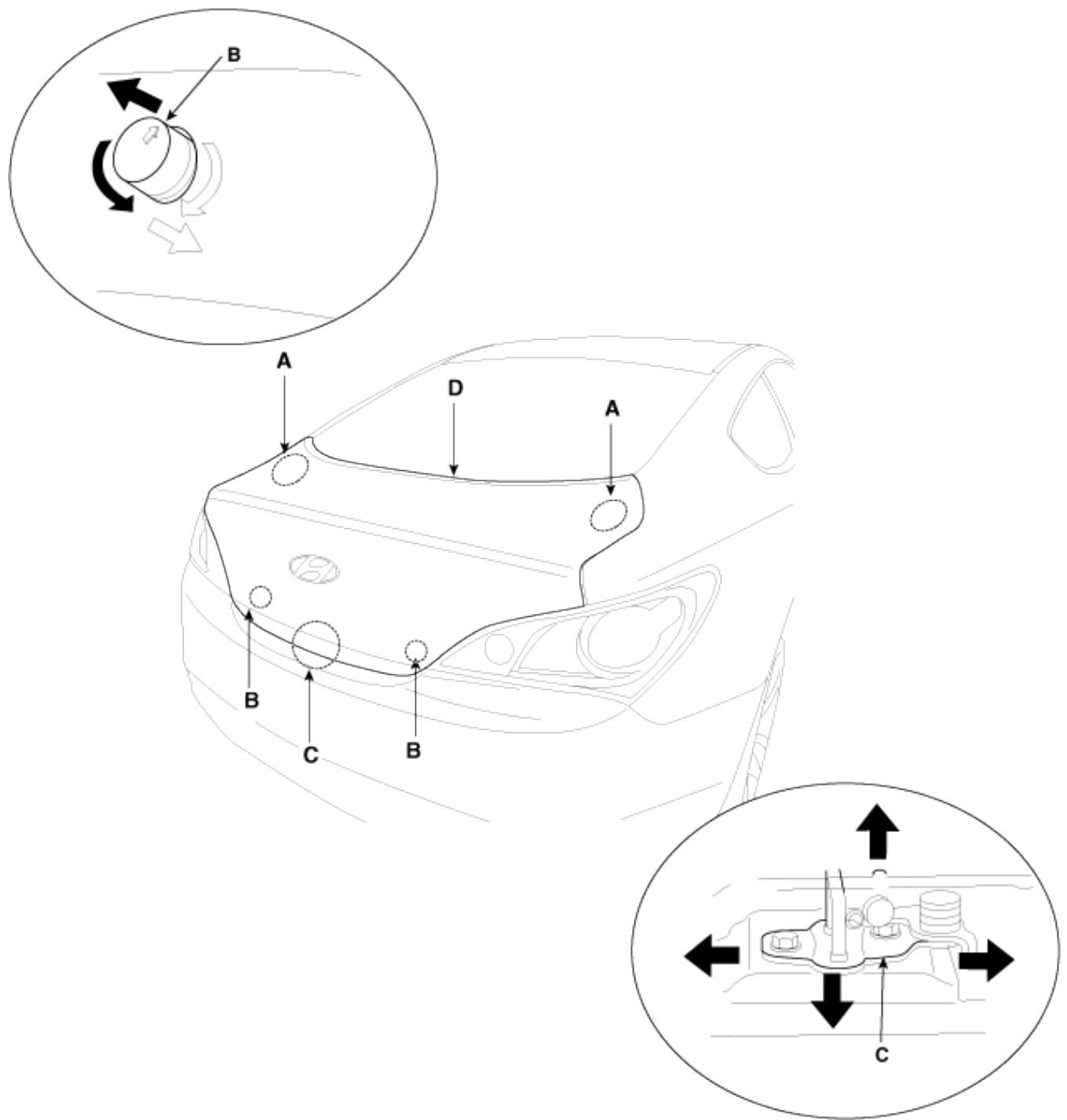
3. After loosening the mounting bolt, then remove the latch assembly (B).



4. Installation is the reverse of removal.

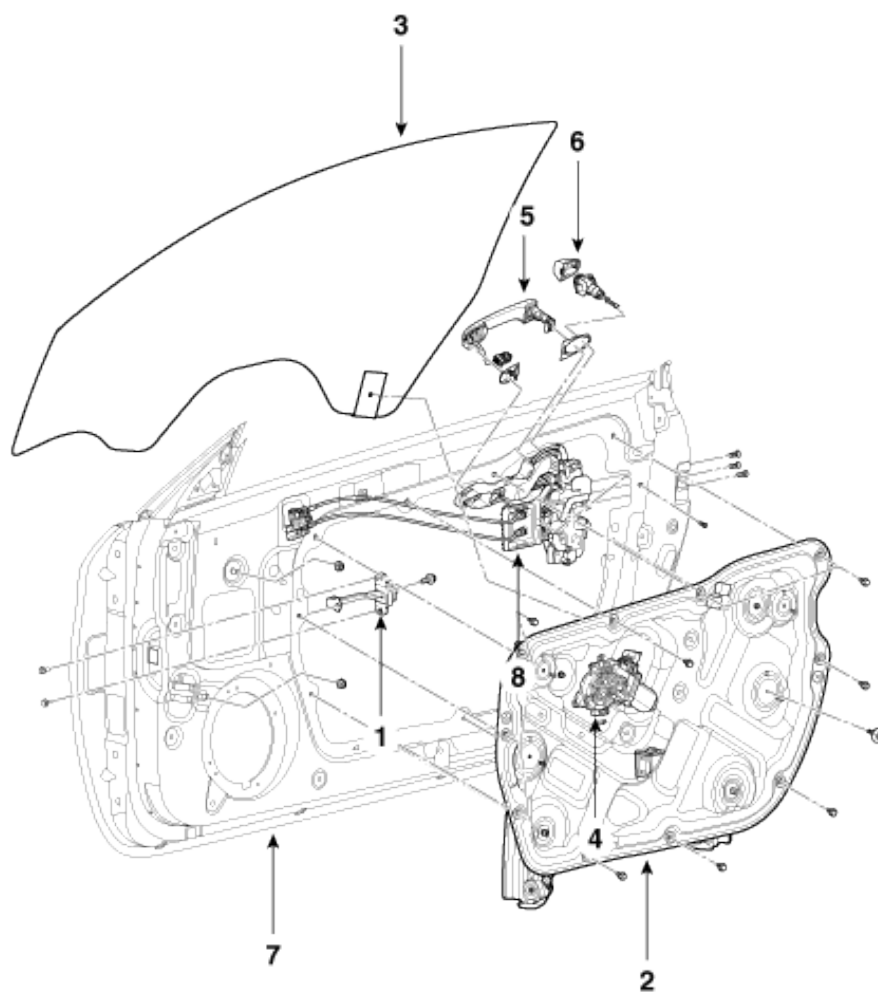
## Adjustment

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



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

## Components



1. Door checker  
2. Door module  
3. Window glass

4. Power window motor  
5. Outside handle  
6. Outside handle cover

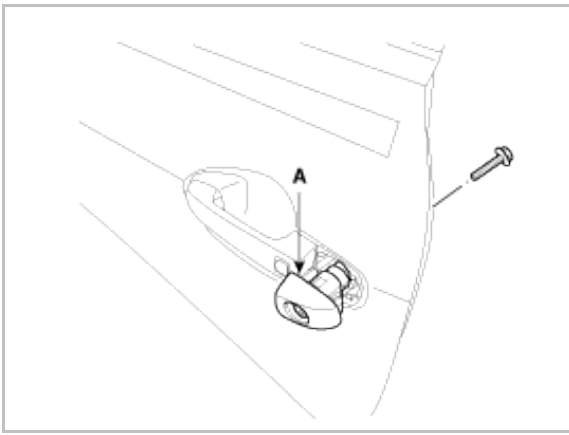
7. Door panel  
8. Door latch

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

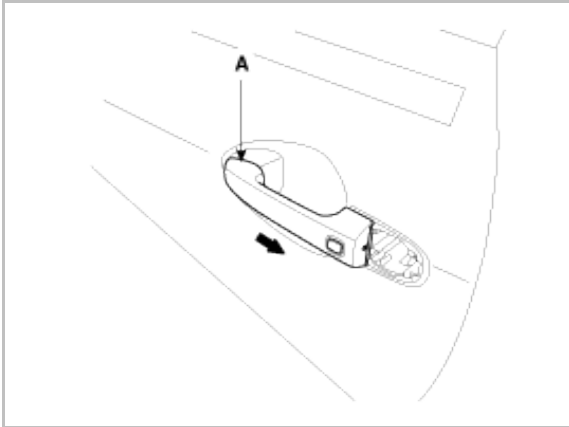
### Replacements

#### Out Side Handle Replacement

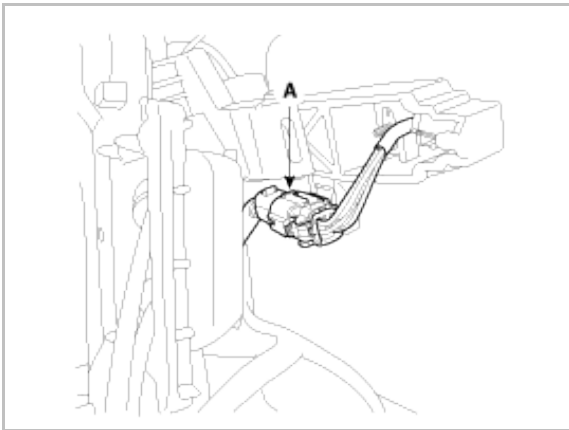
1. After loosening the mounting bolt, then remove the key holder (A).



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



3. Disconnect the connector (A).



4. Installation is the reverse of removal.

#### NOTE

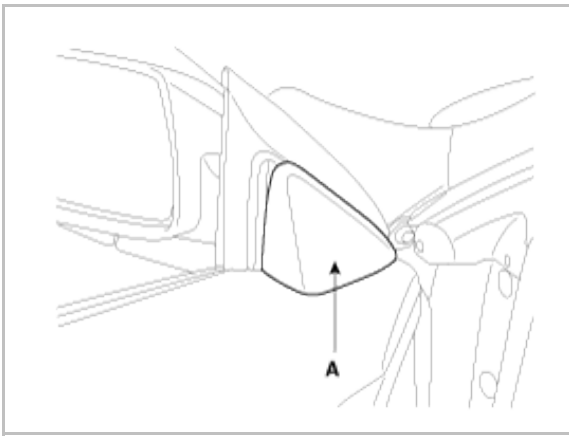
- Make sure the door lock and open properly.

## Door Trim Replacement

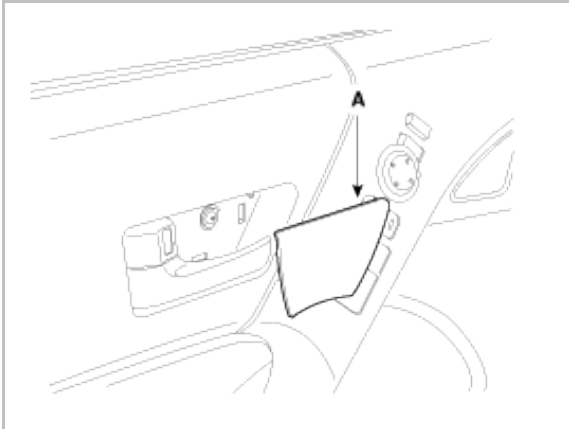
#### NOTE

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

1. Remove the quadrant inner cover (A).

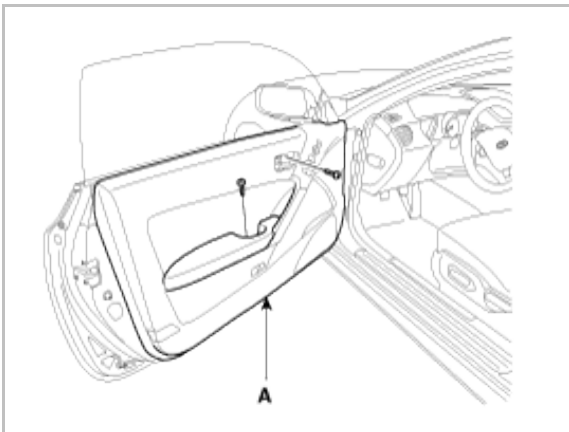


2. Remove the inside handle cover (A).



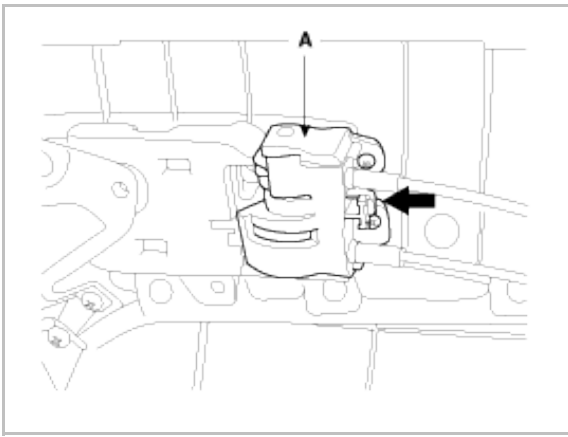
3. Loosen the door trim (A) mounting screws.

4. Release the clips that hold the door trim.



5. Disconnect the tweeter speaker connector, trunk lid & fuel filler switch connector, power window connector, power mirror connector.

6. Remove the inside handle cage (A).



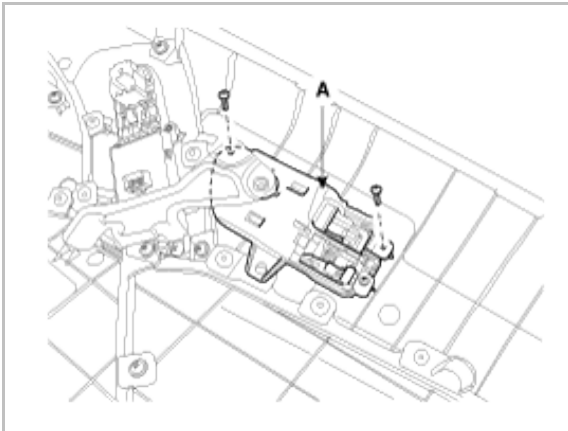
7. Installation is the reverse of removal.

#### NOTE

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

## Inside Handle Replacement

1. Remove the door trim.
2. Loosen the mounting screw, then remove the inside handle (A).



3. Installation is the reverse of removal.

## Glass Replacement

1. Remove the front door trim.
2. Remove the glass mounting hole plug.

#### NOTE

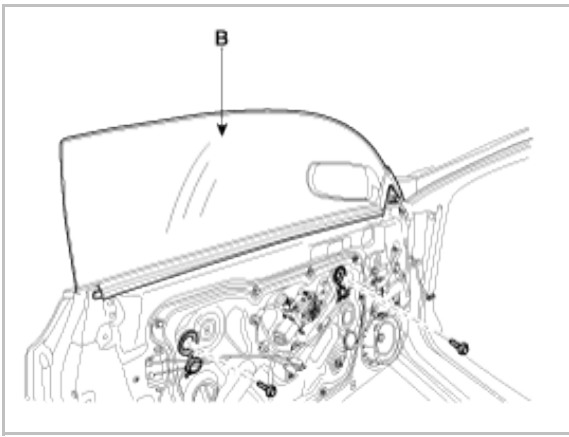
- Using the door switch to align the mounting hole with the hole on the door glass.
- If it is impossible, align the hole by hand after removing the motor.
- Be careful not to drop to glass and scratch the glass surface.

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

#### Tightening torque :

8.8~11.8 N.m (0.9~1.2 kgf.m, 6.5~8.7 lb-ft)





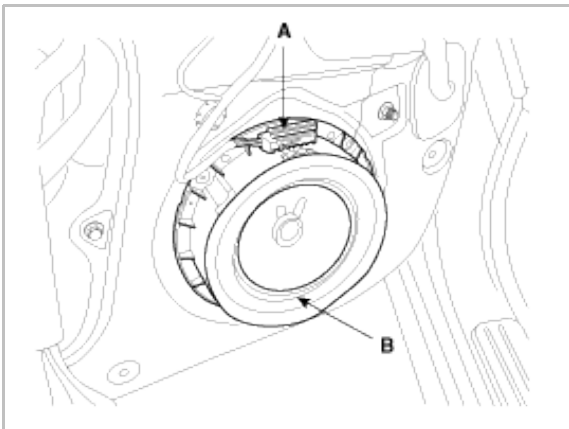
4. Installation is the reverse of removal.

#### NOTE

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

## Speaker Replacement

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



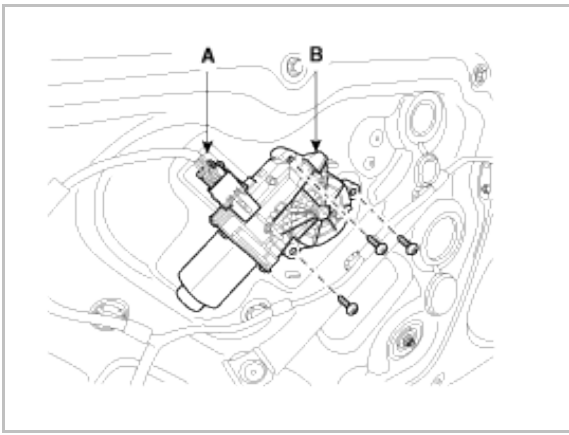
4. Installation is the reverse of removal.

#### NOTE

- Use sheet metal screws to secure the speaker.

## Power Window Motor Replacement

1. Remove the door trim.
2. After disconnecting the connector (A), remove the power window motor (B).



3. Installation is the reverse of removal.

#### NOTE

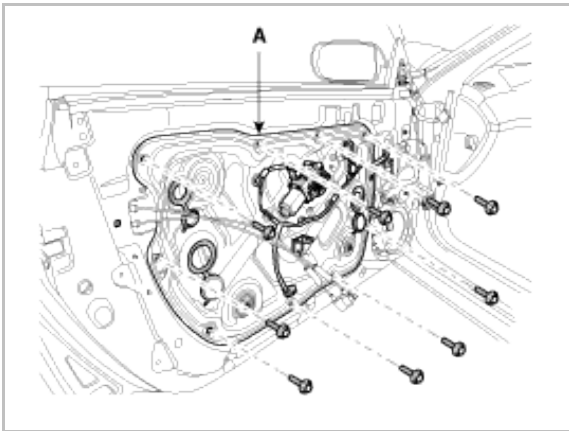
- Grease should be applied to areas where there is rotational parts and springs.
- Roll the glass up and down to see if it move freely without binding.

## Door Module Assembly Replacement

1. Remove the following parts.

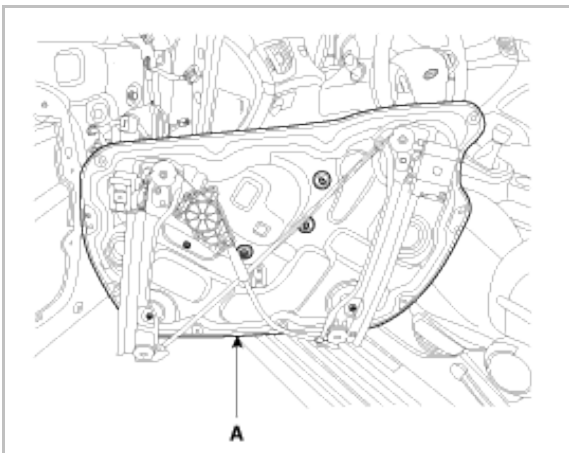
- A. Door trim
- B. Window glass
- C. Outside handle

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



3. Disconnect the connector.

4. Disconnect the door module wiring harness, remove the module assembly (A).



5. Installation is the reverse of removal.

#### NOTE

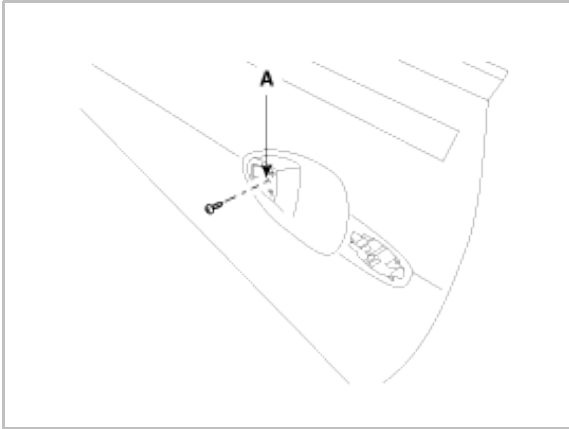
- The area of whole parts should be applied with sufficient grease.
- Make sure the connector are connected properly and each rod is connected securely.
- Make sure door lock operates and door open/close properly.

## Latch Assembly Replacement

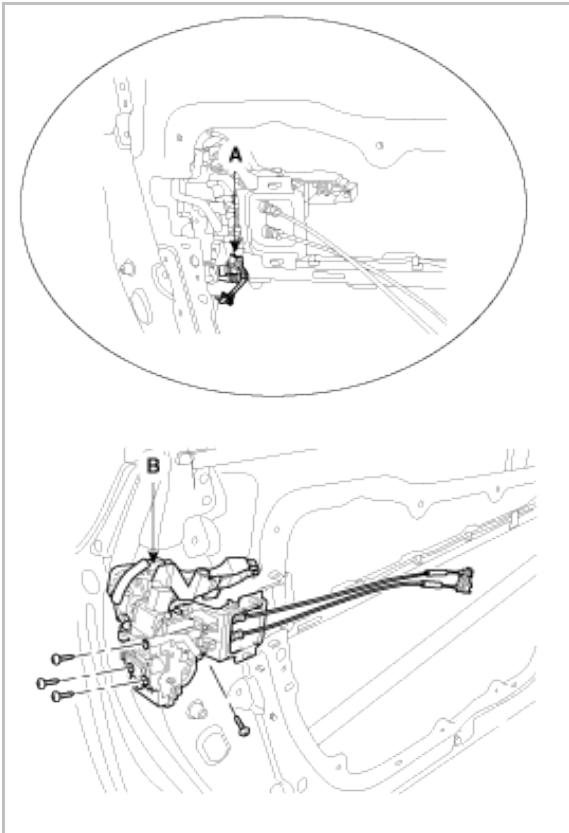
1. Remove the following parts.

- A. Door trim.
- B. Glass.
- C. Out side handle.

2. Remove the screw (A).



3. Disconnect the latch connector (A), remove the latch assembly (B).



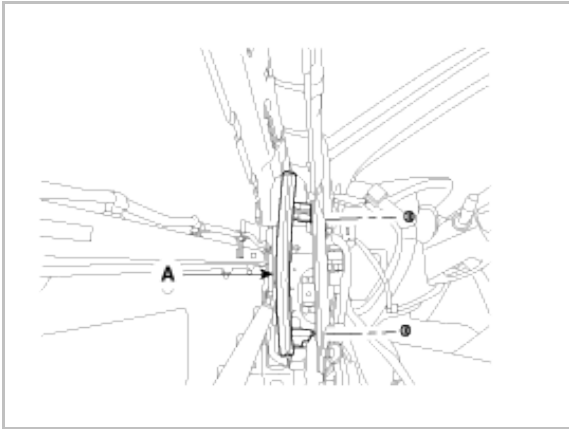
4. Installation is the reverse the removal.

#### NOTE

- Make sure door lock operates and door open/close properly.

## Channel Replacement

1. Remove the following parts.
  - A. Door trim
  - B. Window glass
  - C. Door module
2. After loosening the mounting nuts, remove the door channel (A).



3. Installation is the reverse of removal.

#### NOTE

- Make sure the door opens properly and locks securely.

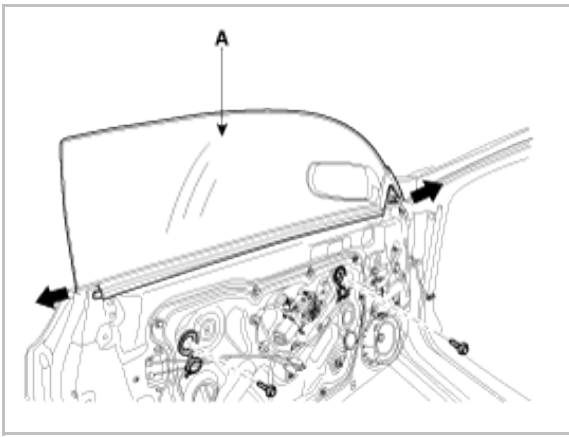
## Adjustment

### Glass Adjustment

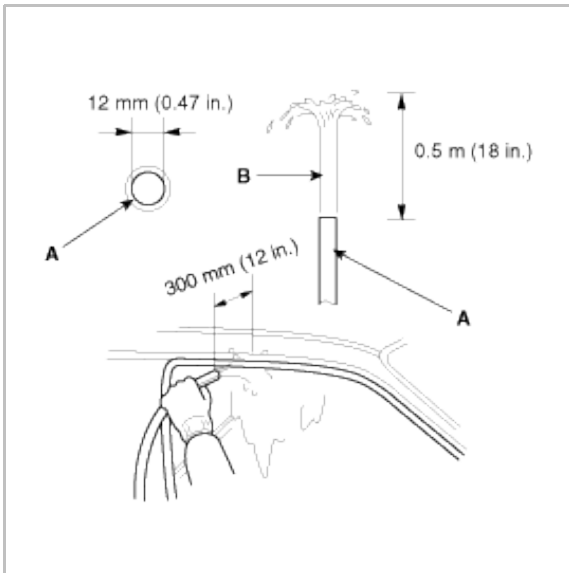
#### NOTE

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

1. Remove the following parts:
  - A. Quadrant inner cover.
  - B. Door trim.
2. Carefully move the glass (A) until the glass mounting bolts are visible, then loosen them.



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

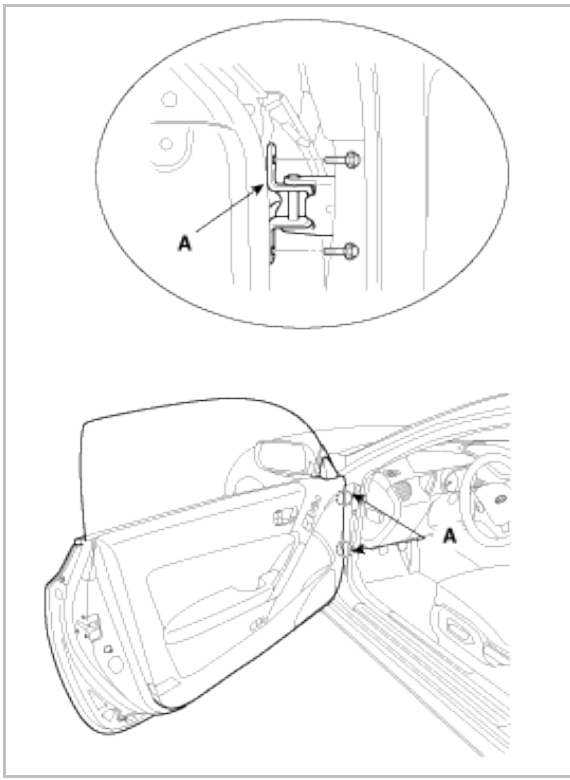


## Door Position Adjustment

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

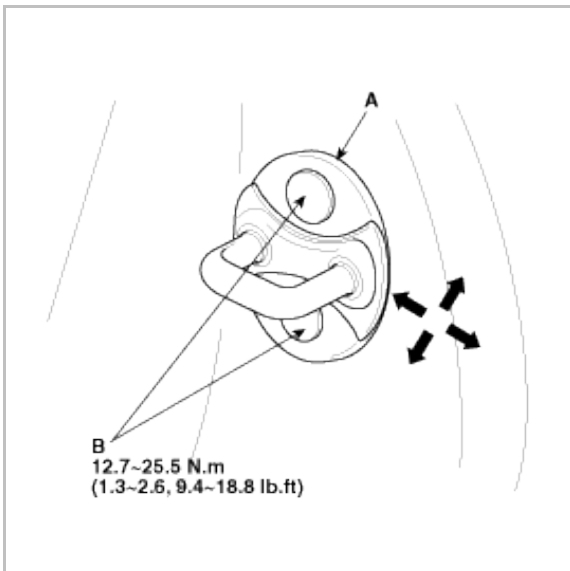


3. Check that the door and body edges are parallel.
4. Grease the pivot portions of the hinges indicated by the arrows.
5. Check for water leaks.

## Door Striker Adjustment

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

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



2. Lightly tighten the screws.
3. Wrap the striker with a shop towel, then adjust the striker by tapping it with a plastic hammer. Do not tap the striker too hard.
4. Loosen the screws and remove the shop towel.
5. Lightly tighten the screws.

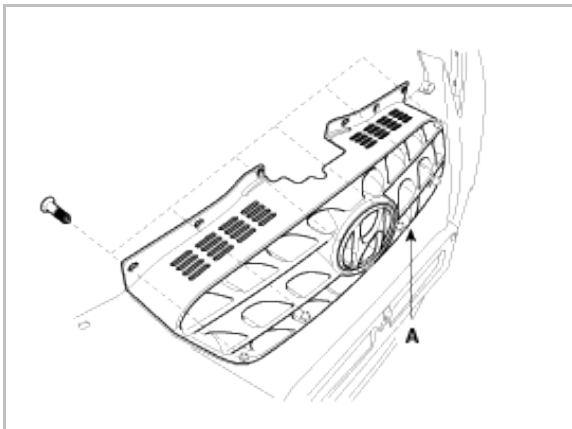
6. Hold the outer handle out, and push the door against the body to be sure the striker allows a flush fit. If the door latches properly, tighten the screws and recheck.

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

### Replacement

#### Radiator Grille Replacement

1. Remove the front bumper.
2. Remove the radiator grille (A).



3. Installation is the reverse of removal.

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

### Replacements

#### Glass Replacement

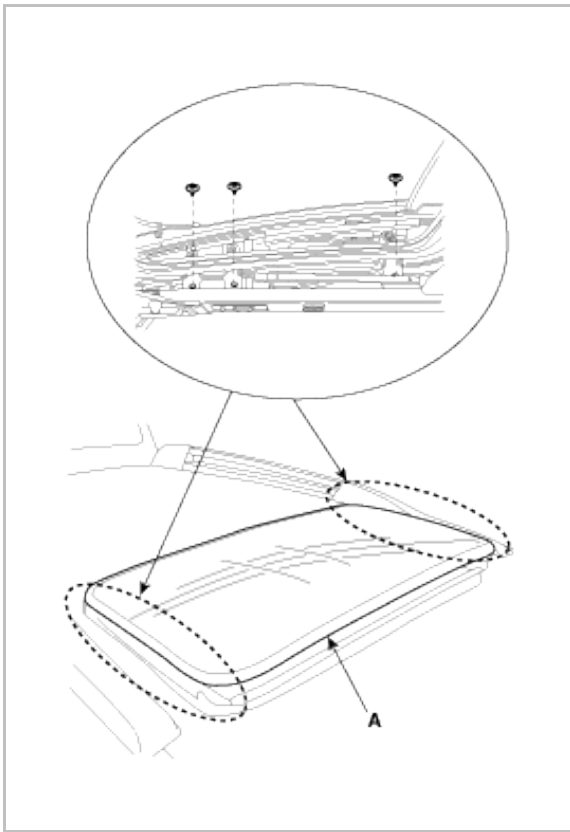
##### NOTE

- Put on glove to protect your hands.

1. Remove the glass (A) by lifting it up.

##### NOTE

- Do not damage the roof panel.



2. Installation is the reverse of removal.

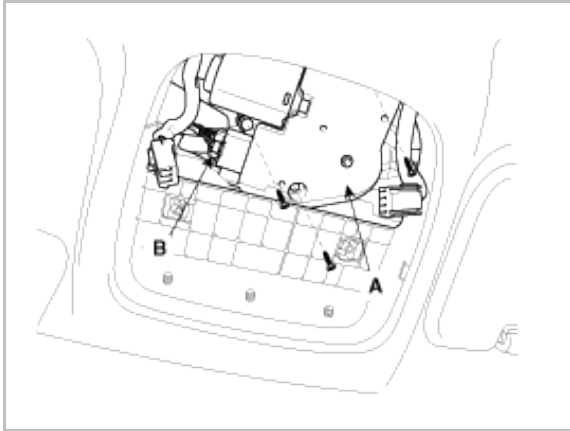
## Motor Replacement

1. Remove the over head console.

### NOTE

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

2. Disconnect the motor connector (A), remove the screws and then remove the motor (B).



3. Installation is the reverse of removal.

### NOTE

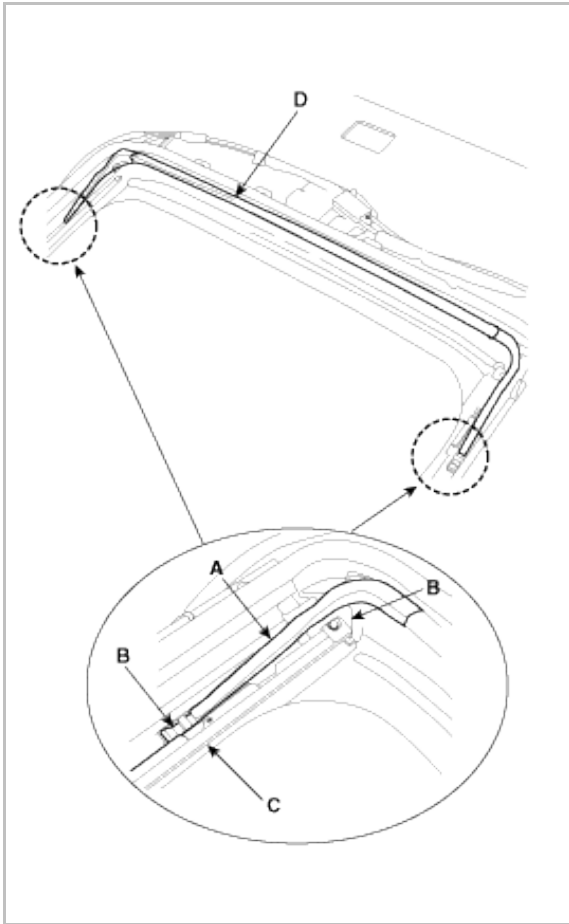
- Make sure to initialize the motor.

## Deflector Replacement

1. Open the glass fully.



2. Disconnect the deflector link (A) from the frame (B), and then remove the deflector (C ).



3. Installation is the reverse of removal.

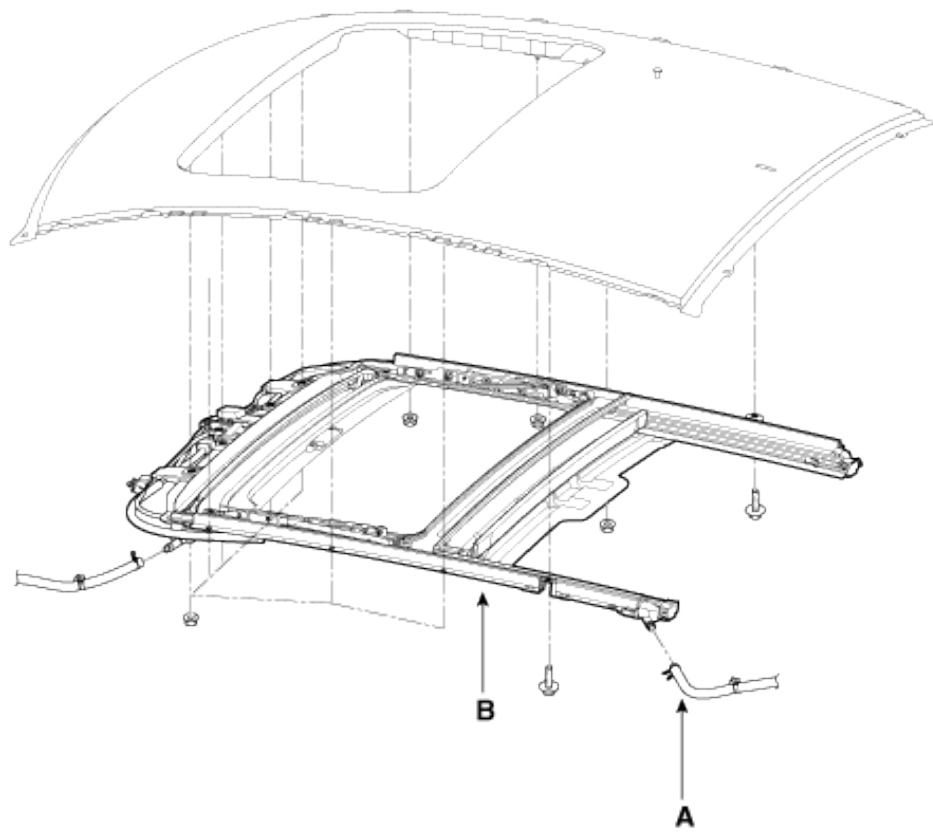
## Sunroof Assembly Replacement

1. Remove the follows parts.
  - A. Door scuff trim.
  - B. Front pillar trim.
  - C. Center pillar trim.
  - D. Rear pillar trim.
  - E. Headlining.
  - F. Sunroof glass.
2. Disconnect the drain tubes (A).
3. After loosening the mounding bolts and nuts, remove the sunroof assembly (B).

### NOTE

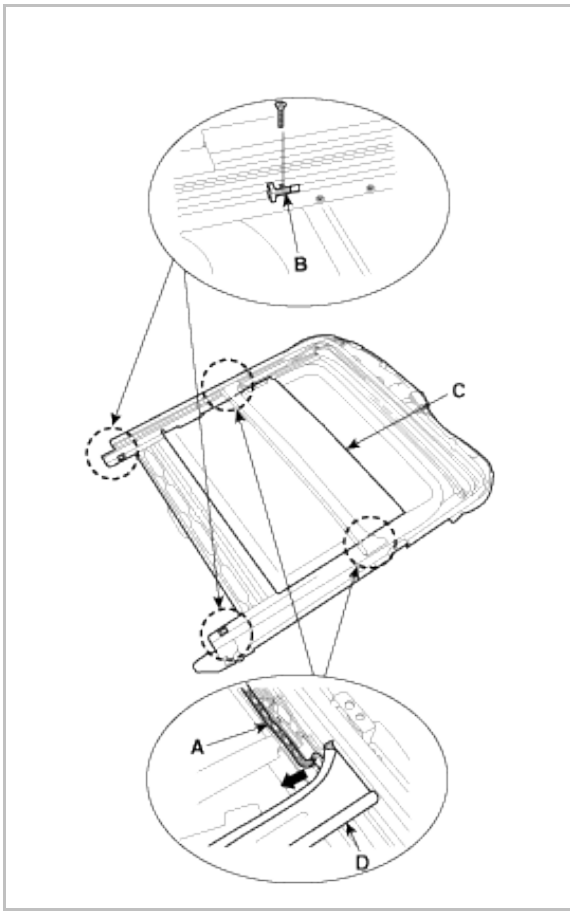
- Take care not to scratch the interior trims and other parts.

4. Installation is the reverse of removal.



## Sunshade And Drip Rail Replacement

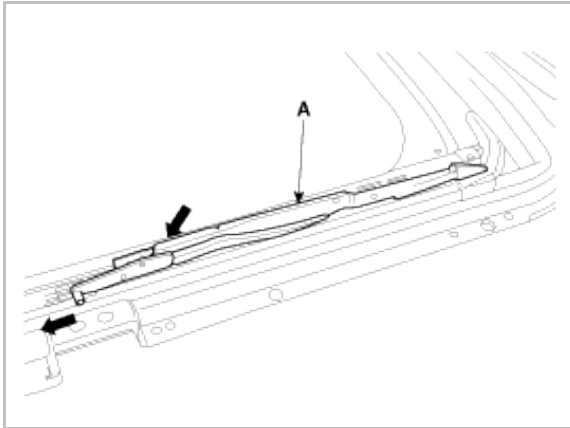
1. Remove the sunroof assembly.
2. Remove the drip link (A) and sunshade stopper (B).
3. Remove the sunshade (C) and drip rail (D).



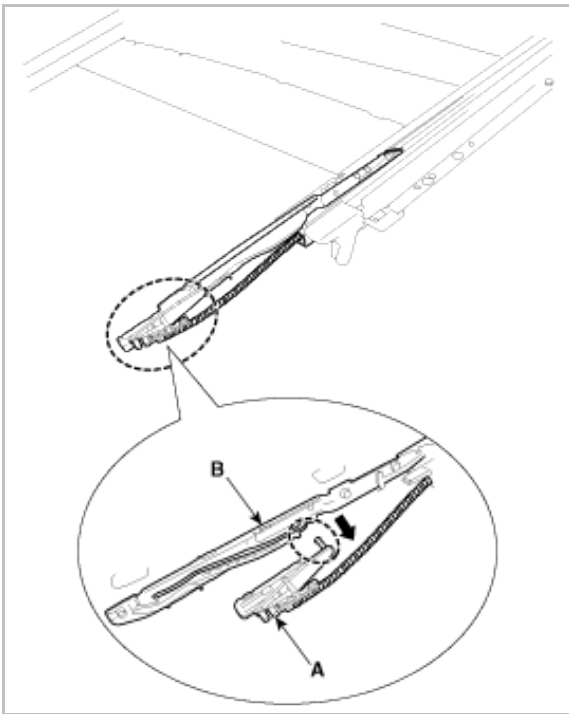
4. Installation is the reverse of removal.

## Guide Assembly Replacement

1. Remove the sunroof assembly.
2. Lower and slide the guide assembly (A) to the rear to remove.



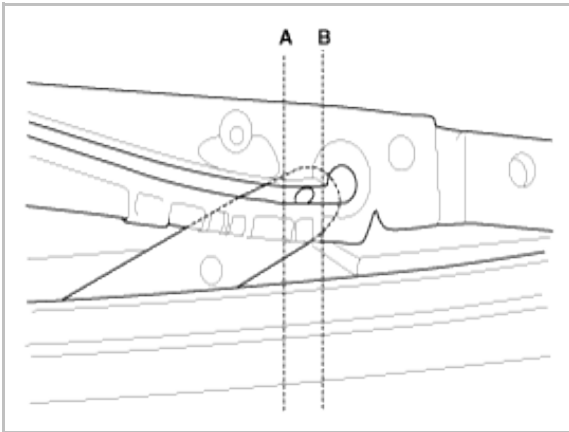
3. Remove the guide (A) and slide (B).



4. Installation is the reverse of removal.

#### NOTE

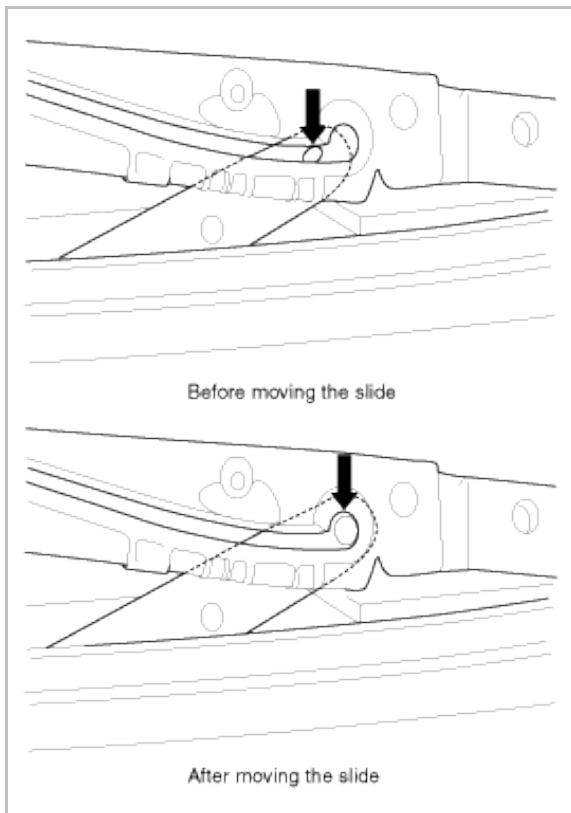
- Make sure to align the slide with the center of "A" and "B"
- Make sure to initialize the motor.



## Adjustment

### How To Initialize

1. Check that the glass has been installed.
  - A. Finished height adjustment.
2. Push and hold the up switch.
  - A. Until the slide moves forward 5.0 mm (after approx. 15 seconds), the release the switch.



3. After moving the slide 5mm forward, turn OFF the switch and push the UP switch (Keeping on pushing the switch with continuous operation)
  - A. If the motor initialization is successful, the sunroof should fully side open and close once.
4. When the sunroof is closed completely, turn OFF the UP switch initialize the motor completely.

### When To Initialize The Motor

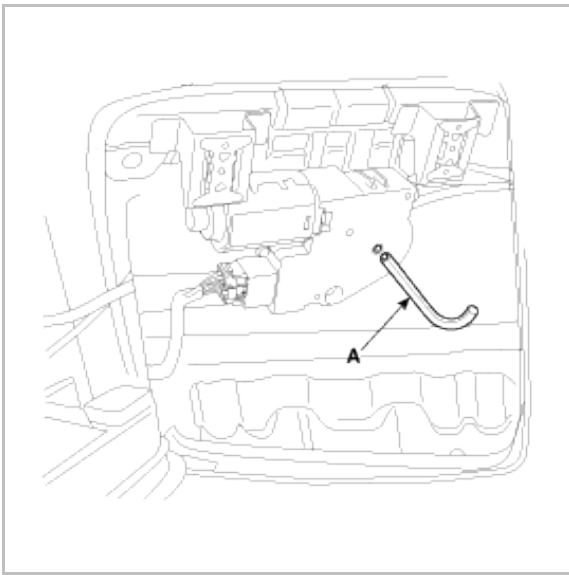
1. First operation the vehicle after manufacture it.
2. Initial value is erased or damaged because of short power electric discharge during operation
3. After using the manual handle.

### Operating The Sunroof Emergency Handle

1. Use the sunroof emergency handle to close or open the sunroof manually if the sunroof cannot be closed electronically due to motor or controller electrical malfunction.
2. Operating method
  - A. Remove the overhead console
  - B. Push the emergency handle up into the hexagonal drive (A) of the sunroof 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 sunroof.
  - 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 sunroof.
- Damage to the components may occur.



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

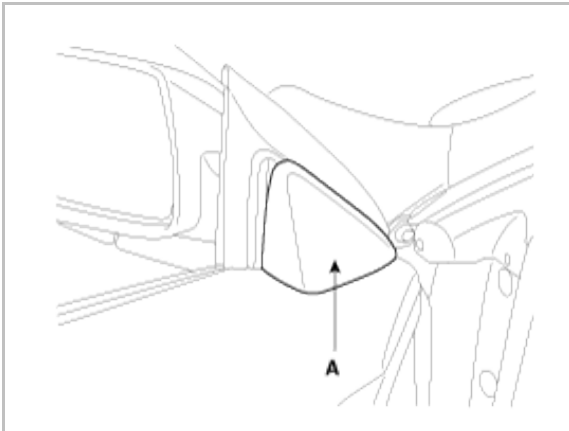
### Replacement

#### Outside Rear View Mirror Replacement

##### NOTE

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

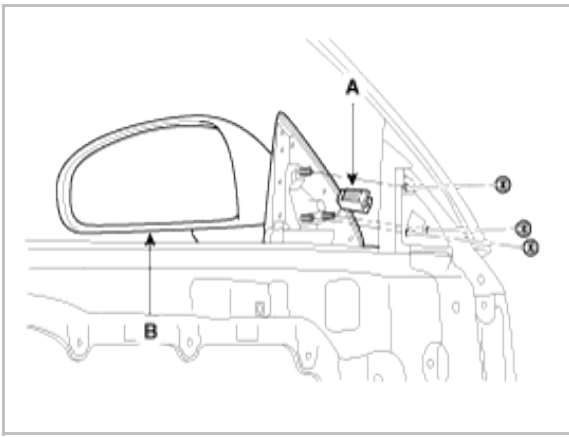
1. Remove quadrant inner upper cover (A).



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

##### Tightening torque :

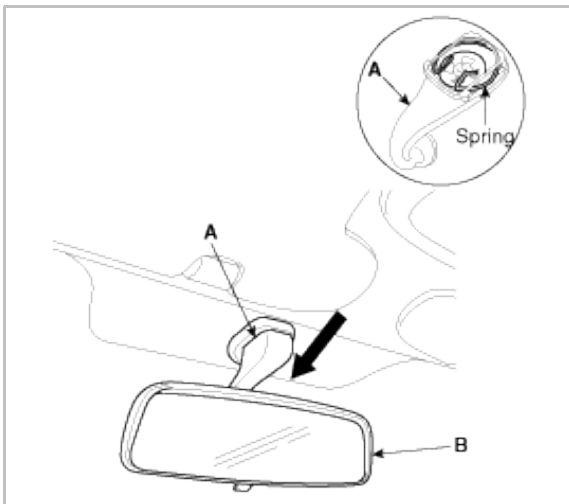
6.9~10.8N.m(0.7~1.1kgf.m, 5.1~8.0 lb-ft)



3. Installation is the reverse of removal.

## Inside Rear View Mirror Replacement

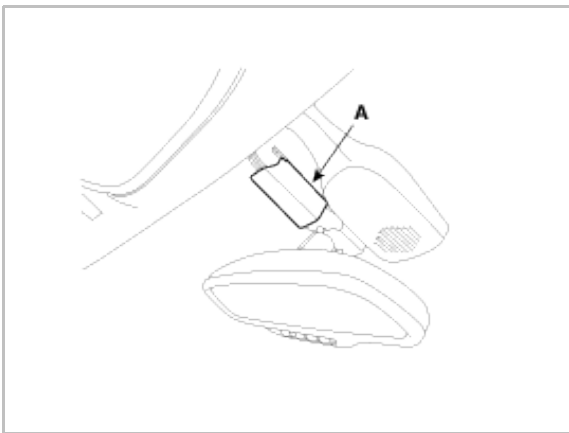
1. Push the inside rear view mirror base (A) down to remove to inside rear view mirror assembly (B).
2. Installation is the reverse of removal.



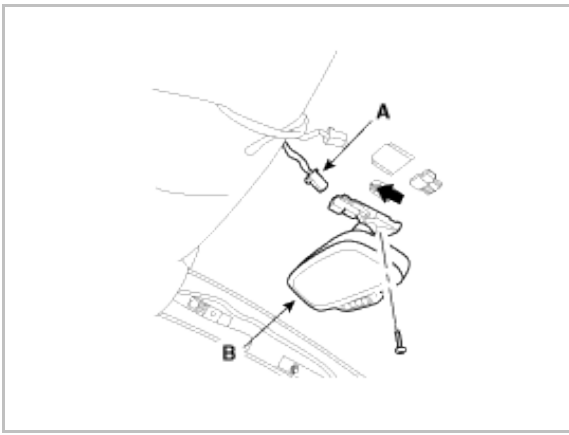
3. Installation is the reverse of removal.

## ECM Mirror Replacement

1. Gently detach the hook, then remove the ECM mirror cover (A).



2. Disconnect the connector (A).
3. Push the ECM mirror base down to remove the ECM mirror assembly (B).



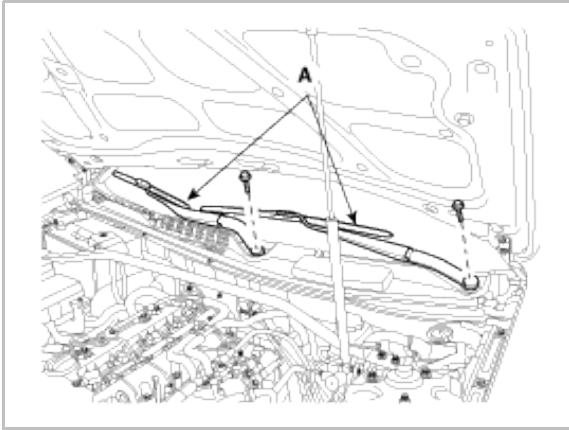
4. Installation is the reverse of removal.

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

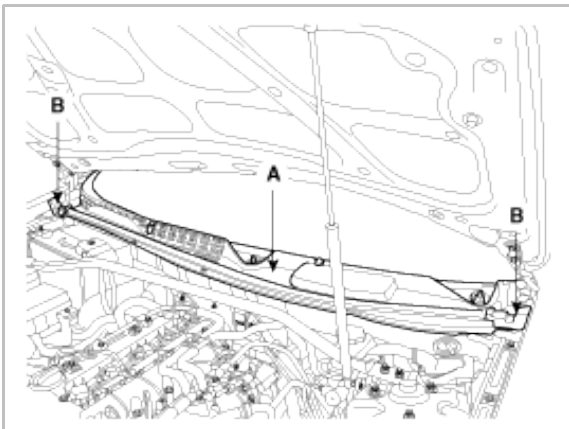
### Replacement

#### Cowl Top Cover Replacement

1. Remove the wiper (A).



2. Detach the (B), then remove the cowl top cover (A).

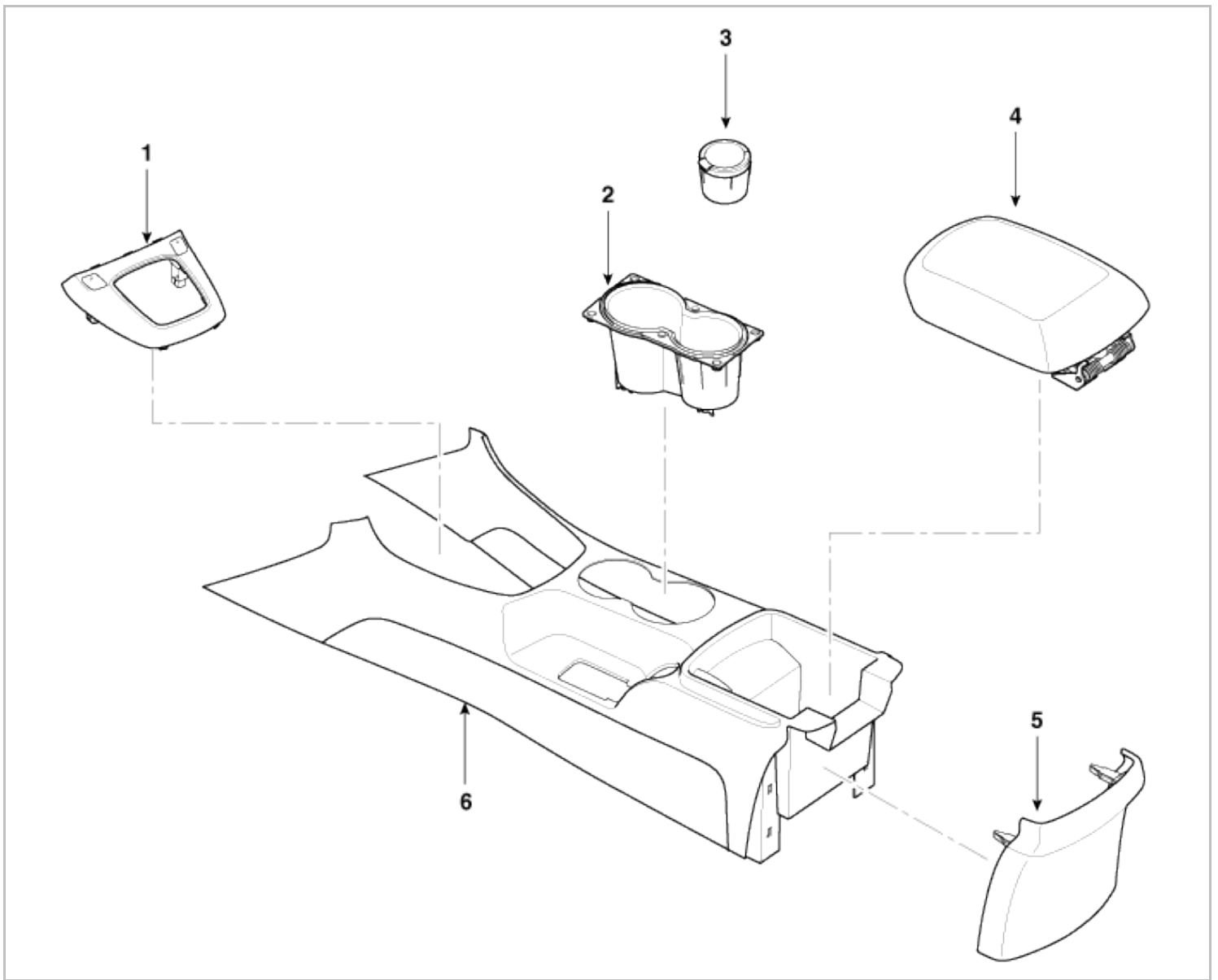


3. Installation is the reverse of removal.

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

### Components





1. Console upper cover  
2. Cup holder  
3. Ashtray

4. Armrest  
5. Console rear cover  
6. Floor console

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

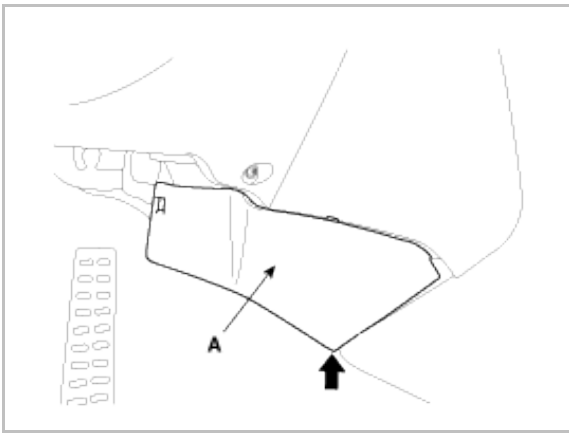
### Replacement

#### Floor Console Replacement

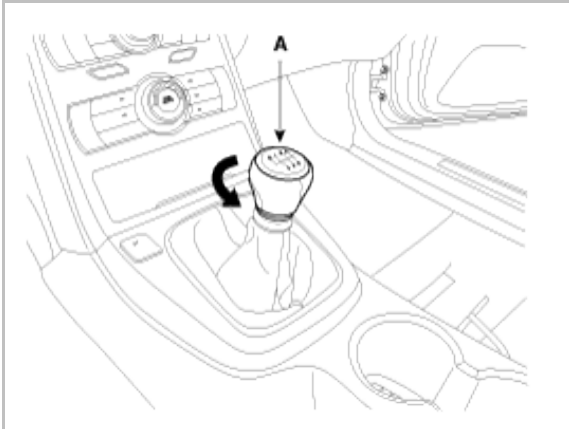
##### NOTE

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

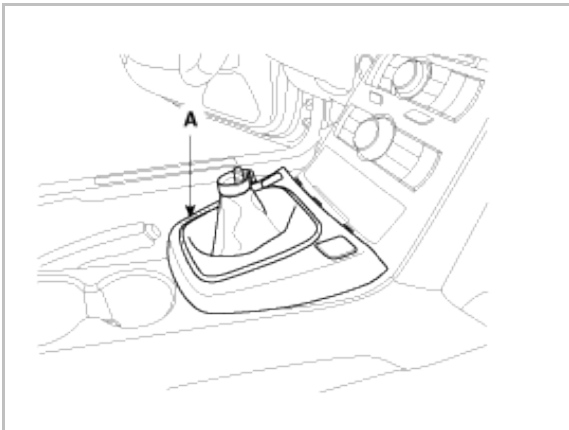
1. Remove the console side cover (A).



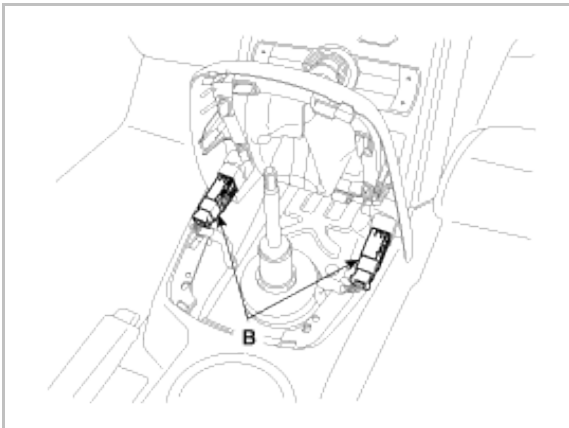
2. Remove the knob (A).



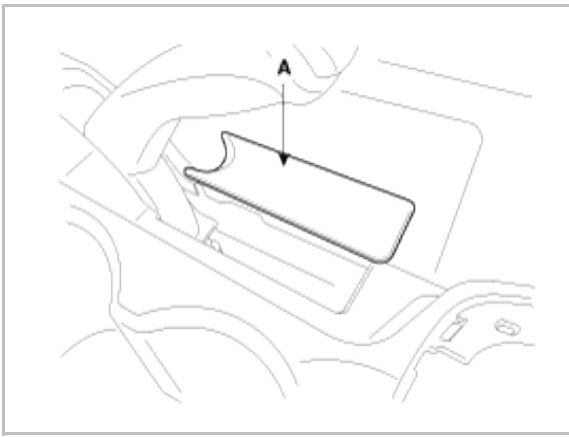
3. Remove the console upper cover (A).



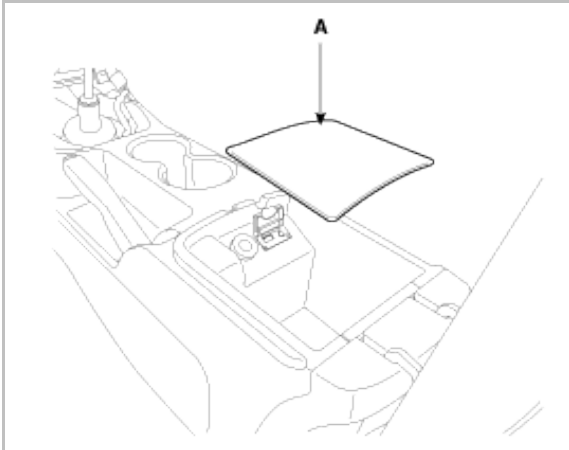
4. Disconnect the connector (B).



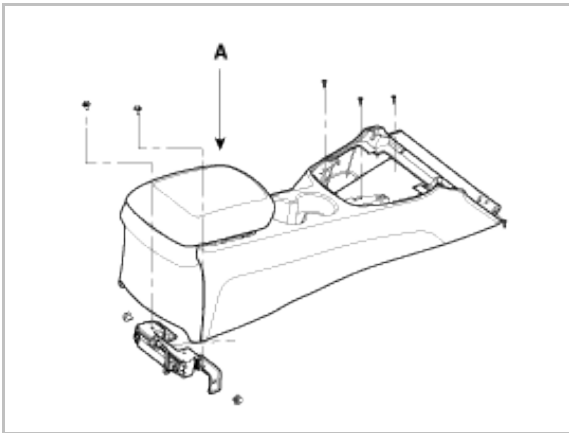
5. Remove the parking brake cover (A).



6. Remove the pad (A).



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



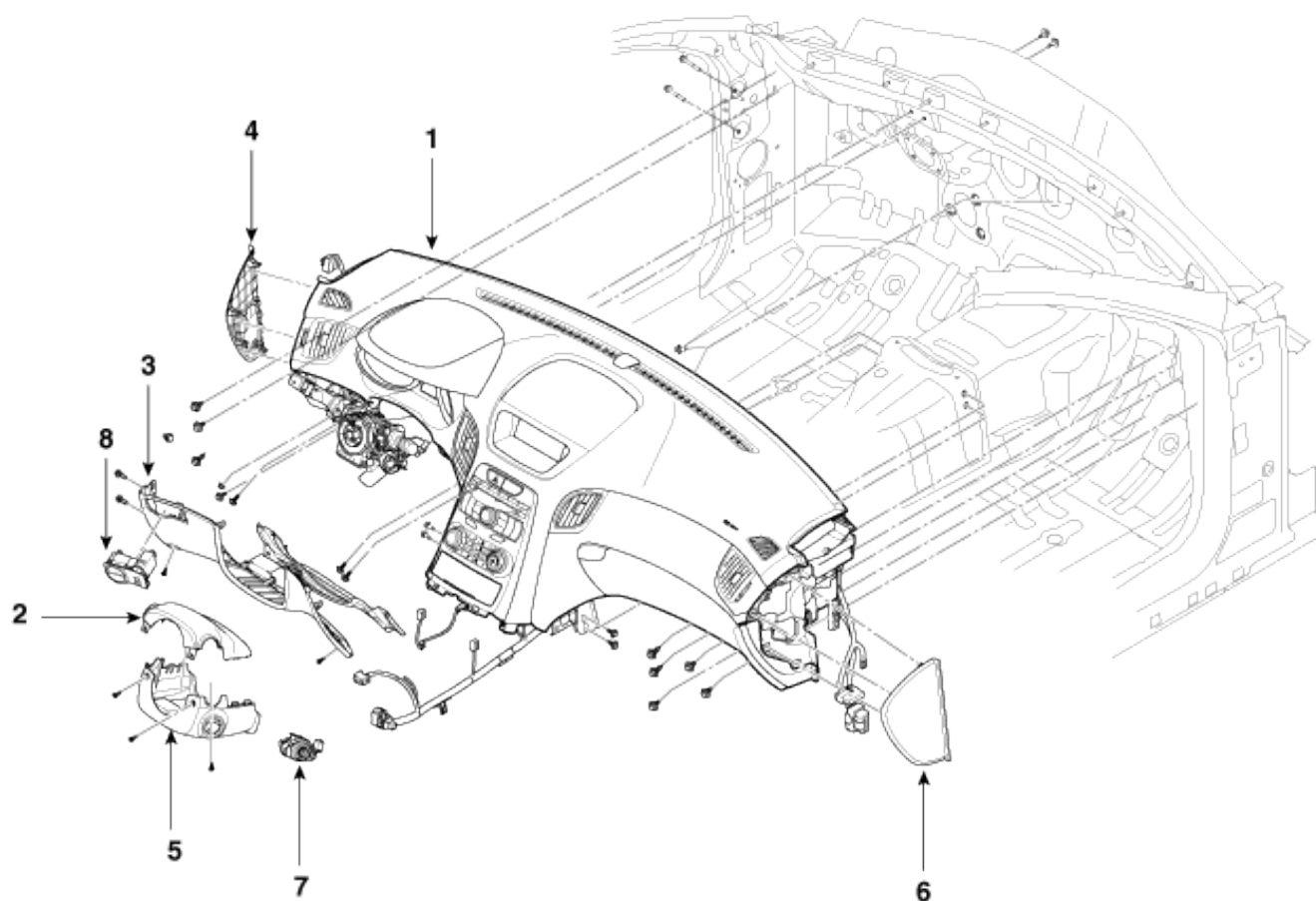
8. Installation is the reverse of removal.

#### NOTE

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

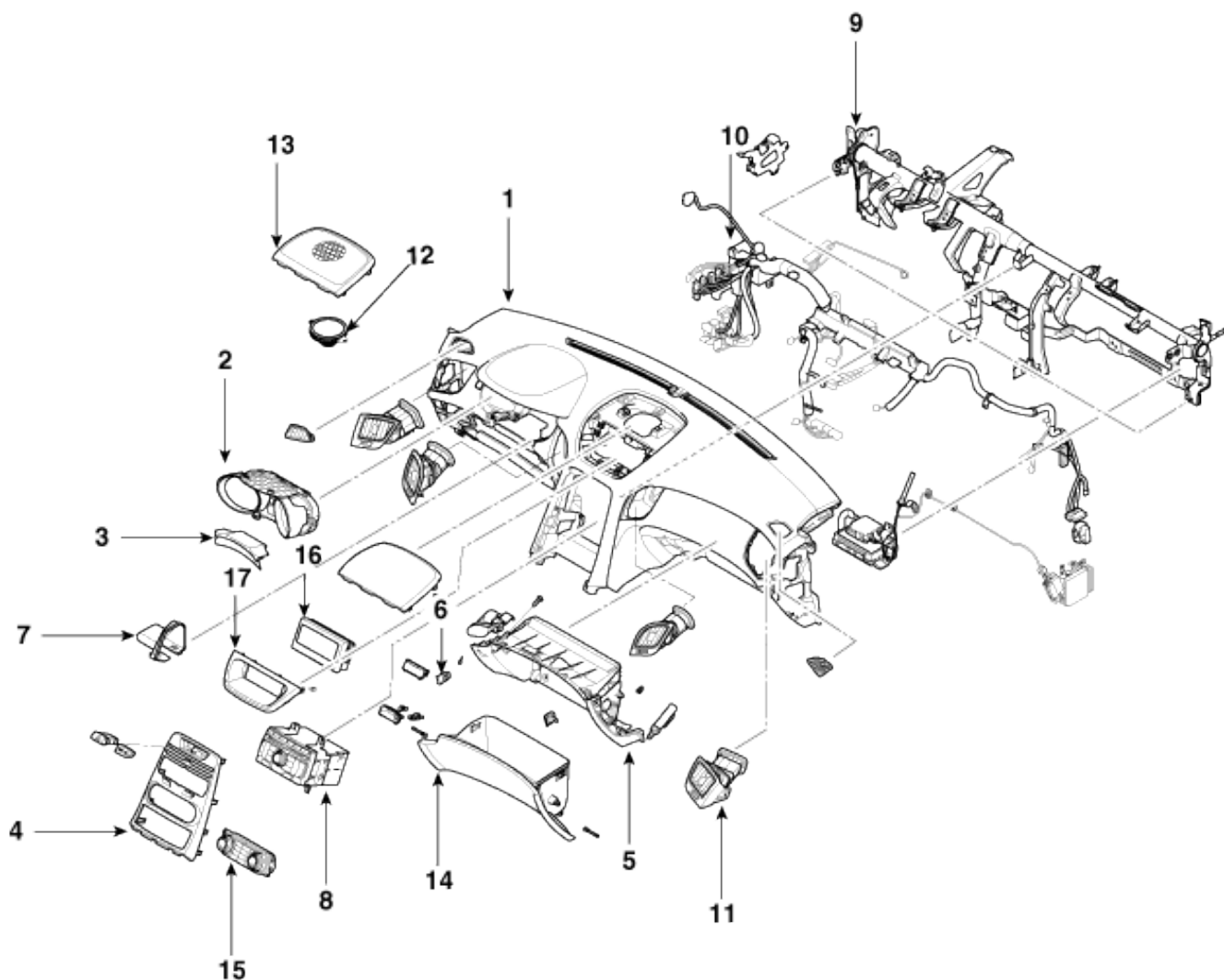
**Body (Interior and Exterior) > Interior > Crash Pad > Components and Components Location**

**Components**



- 1. Main crash pad
- 2. Shroud upper panel
- 3. Crash pad lower panel
- 4. Crash pad side cover

- 5. Shroud lower panel
- 6. Crash pad side cover
- 7. Multi Unit
- 8. Crash pad lower switch



|                               |                    |                               |
|-------------------------------|--------------------|-------------------------------|
| 1. Crash pad                  | 7. Shroud duct     | 13. Center speaker grille     |
| 2. Cluster                    | 8. Audio assembly  | 14. Glove box                 |
| 3. Cluster fascia lower panel | 9. Cowl cross bar  | 15. Heater control unit       |
| 4. Center fascia panel        | 10. Wiring harness | 16. Multi display             |
| 5. Glove box housing          | 11. Air vent       | 17. Center fascia upper panel |
| 6. Glove box stopper          | 12. Center speaker |                               |

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

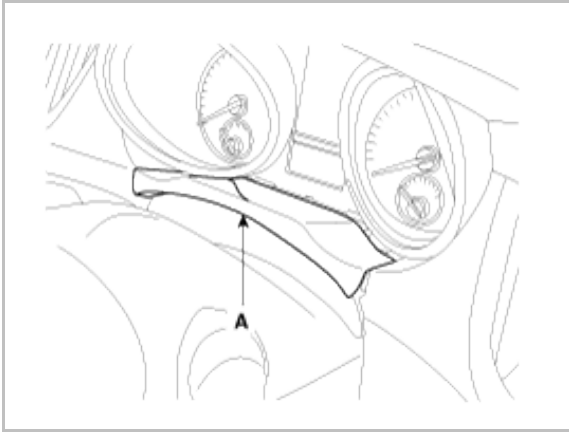
### Replacement

#### Cluster Fascia Replacement

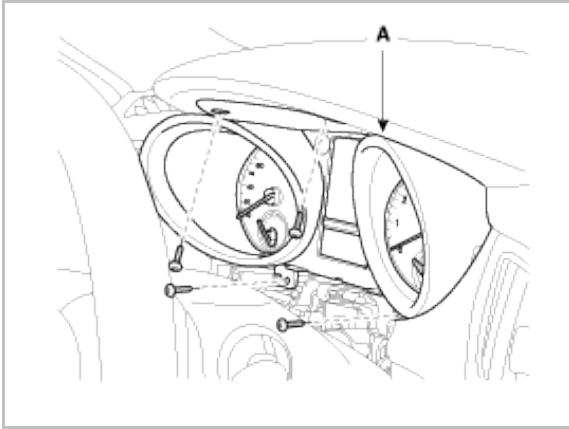
##### NOTE

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

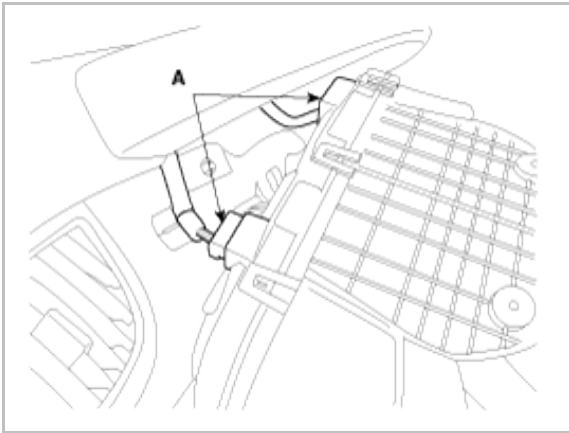
1. Remove the cluster lower panel (A).



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



3. Disconnect the connector (A).



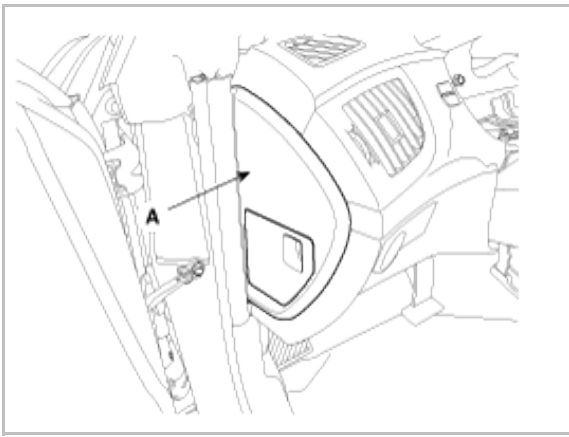
4. Installation is the reverse the removal.

#### NOTE

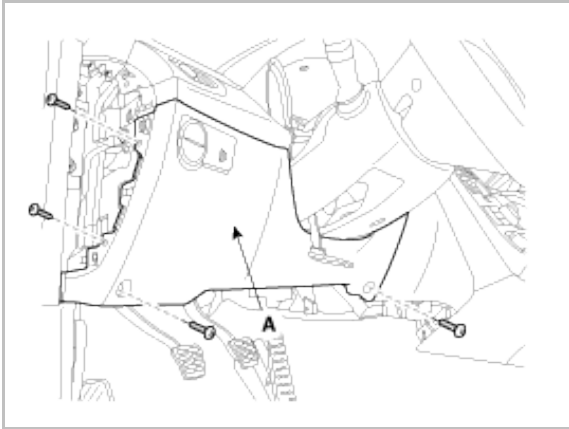
- Make sure the connector is connected properly.

## Lower Panel Replacement

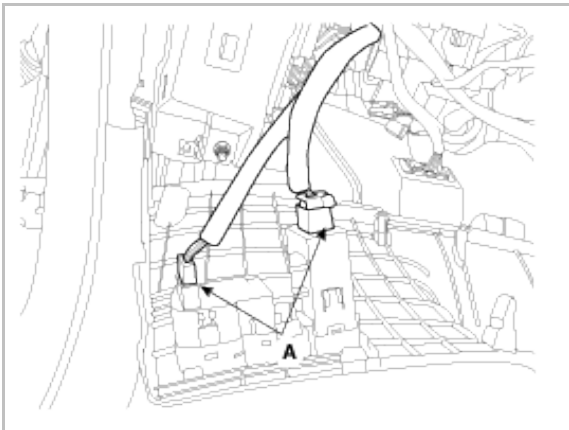
1. Remove the crash pad side cover (A).



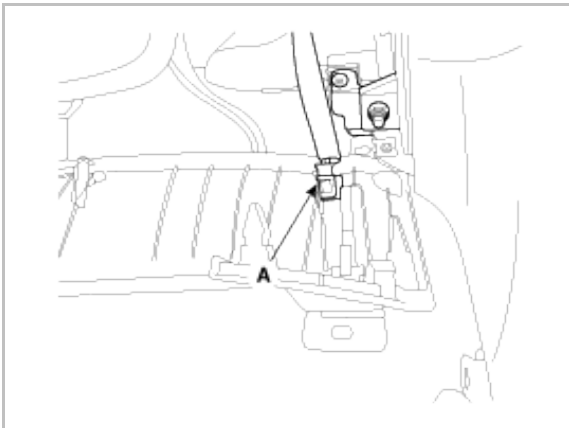
2. After loosening the crash pad lower panel mounting screws, then remove the lower panel (A).



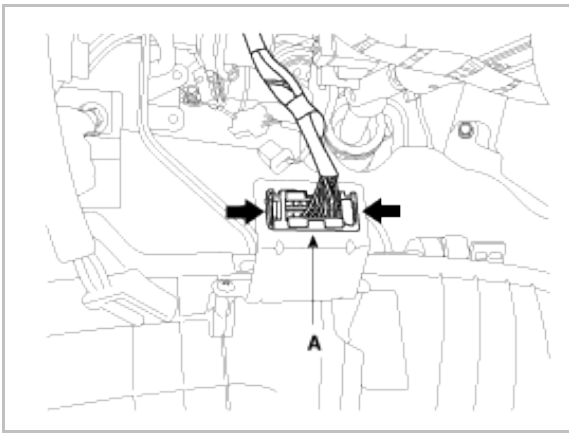
3. Disconnect the connector (A).



4. Disconnect the connector (A).



5. Disconnect the connector (A).



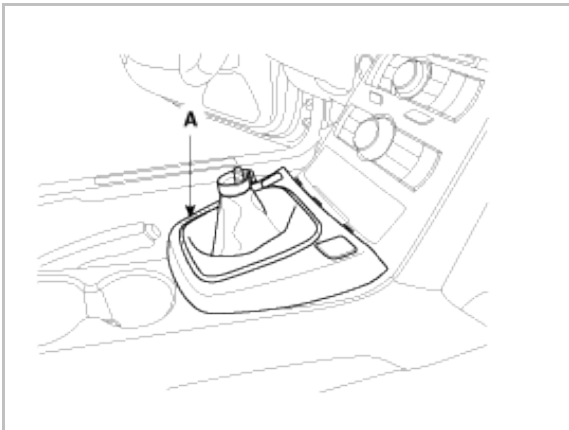
6. Installation is the reverse of removal.

## Center Fascia Panel Replacement

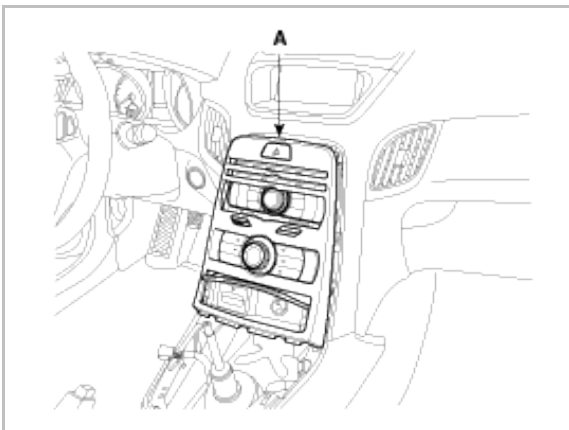
### NOTE

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

1. Remove the console upper cover (A).



2. Remove the center fascia panel (A).



3. Disconnect the connector.

4. Installation is the reverse of removal.

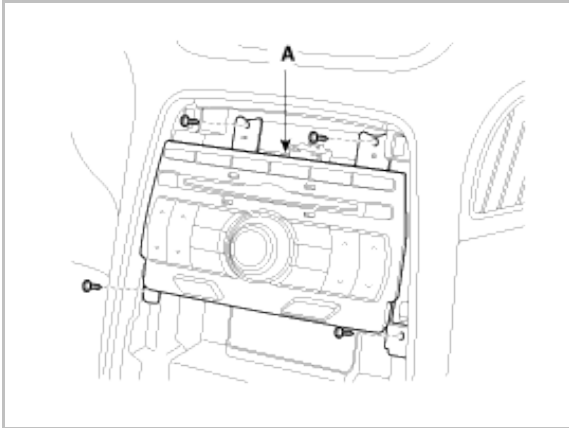
### NOTE



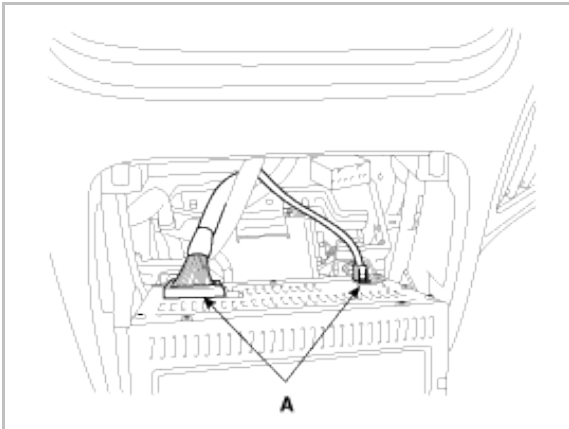
- Make sure the connector is plugged in properly.

## Audio Assembly Replacement

1. Remove the center fascia panel.
2. After loosening the audio assembly mounting screws, remove the audio assembly (A).



3. Disconnect the connectors (A).



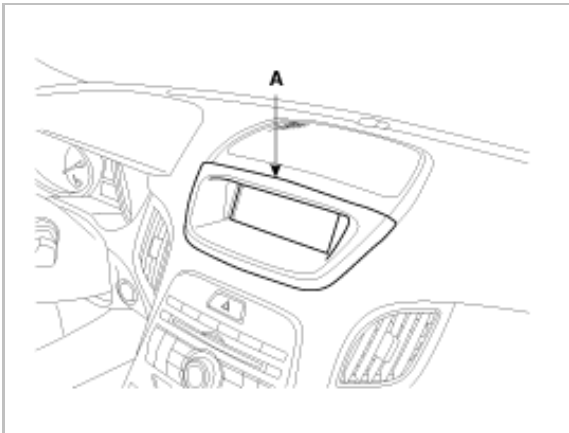
4. Installation is the reverse of removal.

### NOTE

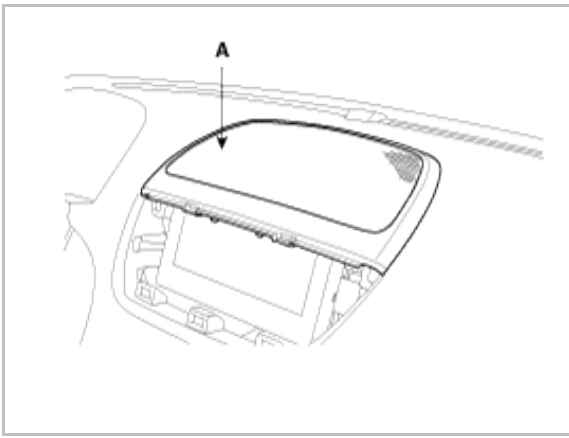
- Make sure the connector is plugged in properly.

## Multi Display Unit Replacement

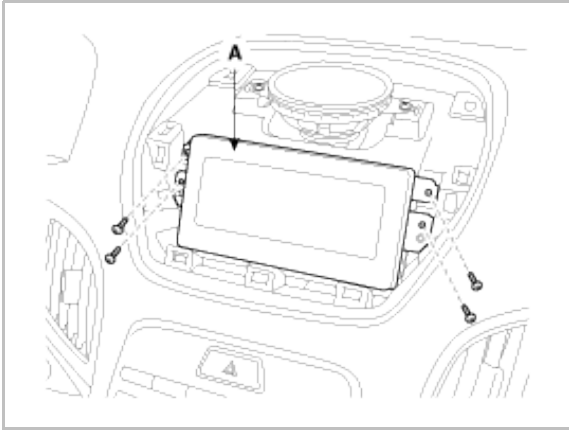
1. Remove the center fascia upper panel (A).



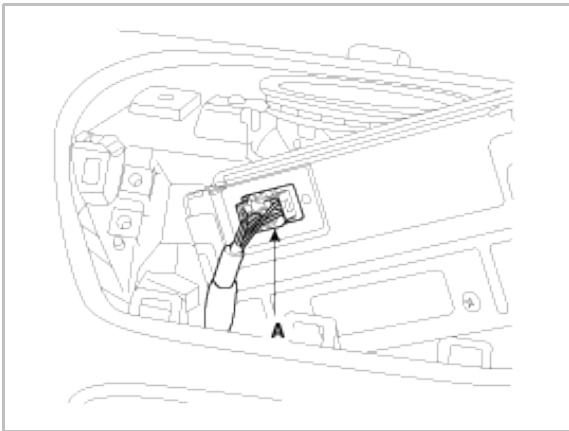
2. Remove the center speaker grille (A).



3. After loosening the mounting screws, remove the multi display unit (A).

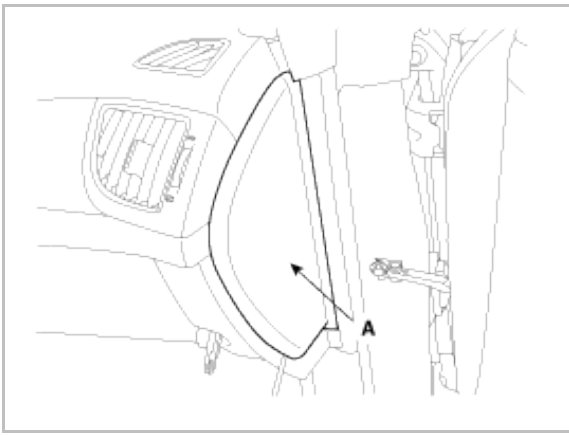


4. Disconnect the connector (A).

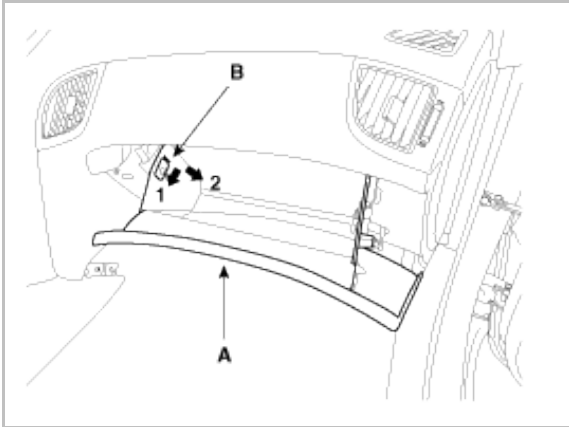


## Glove Box Replacement

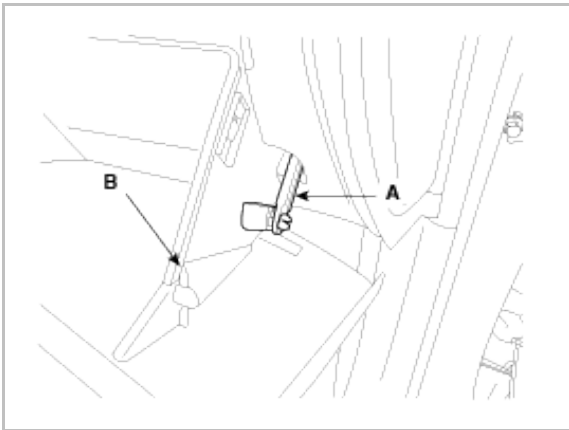
1. Remove the crash pad side cover (A).



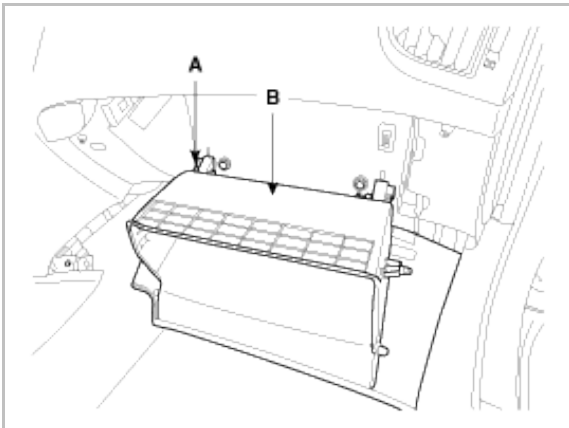
2. Disconnect the damper (B) from the glove box (A).



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

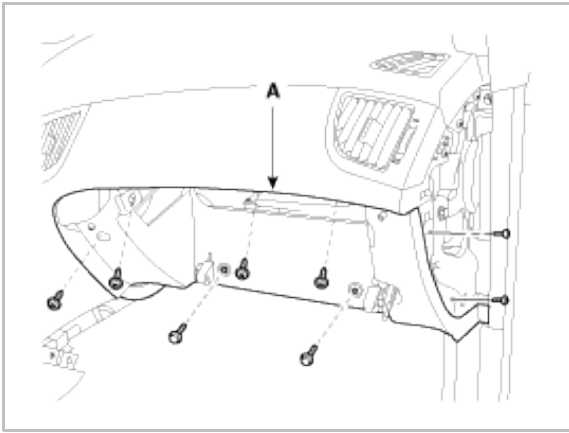


4. Disconnect the pine (A), then remove the glove box (B).



5. Remove the crash pad side cover.

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

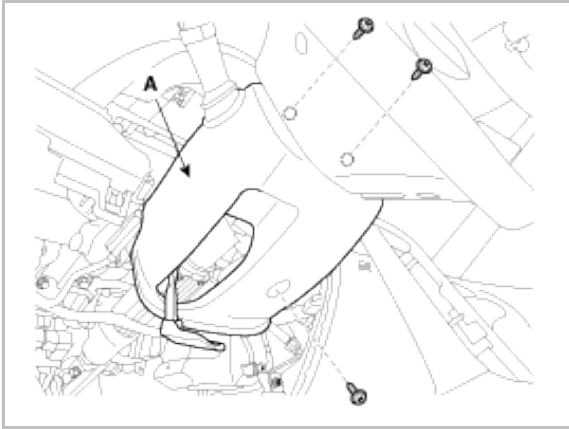


7. Installation is the reverse of removal.

## Shroud Replacement

1. Loosen the screws.

2. Remove the shroud assembly (A).



3. Installation is the reverse of removal.

## Crash Pad Replacement

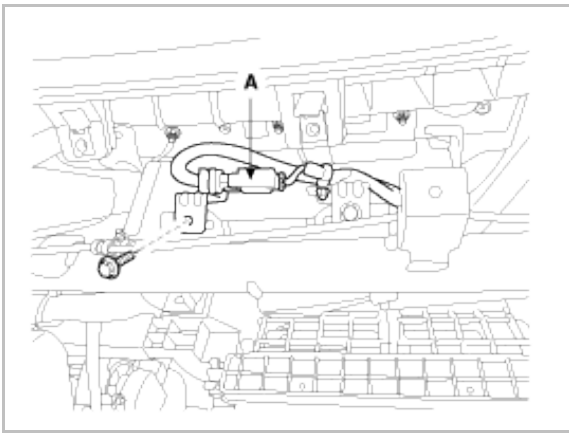
### NOTE

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

1. Remove the following items;

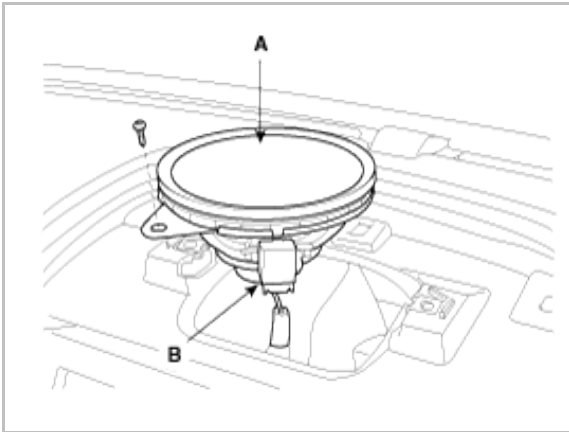
- A. Front seat
- B. Cluster facia panel, cluster
- C. Audio assembly
- D. Glove box
- E. Crash pad side cover

2. Disconnect the passenger's air bag connector (A). Loosen the bolts and nuts.

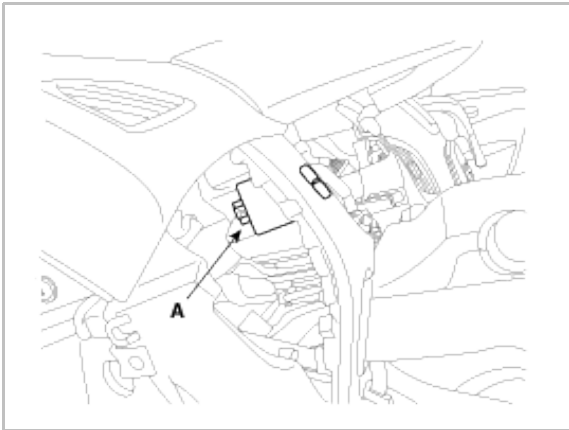


3. Remove the center speaker (A).

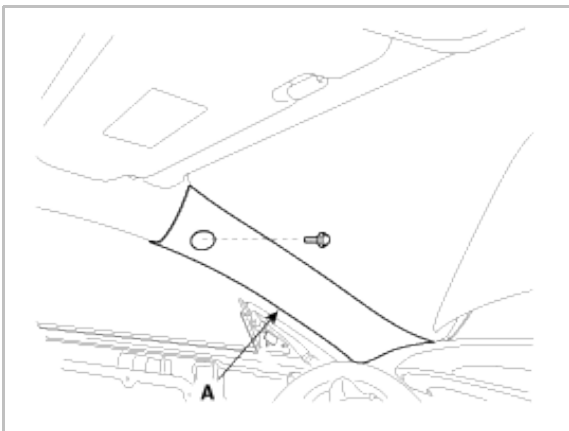
4. Disconnect the connector (B).



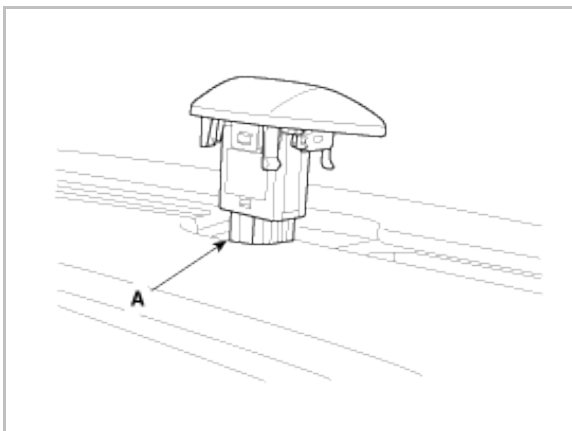
5. Disconnect the connector (A).



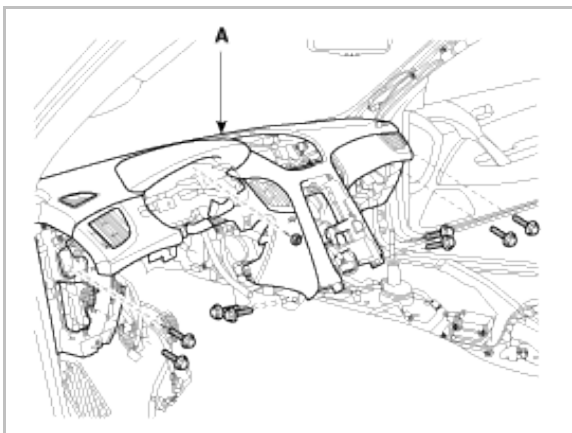
6. Remove the front pillar trim (A).



7. Remove the photo sensor (A).



8. Remove the crash pad (A).



9. 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.

## Body (Interior and Exterior) > Interior > Cowl Cross Bar > Repair procedures

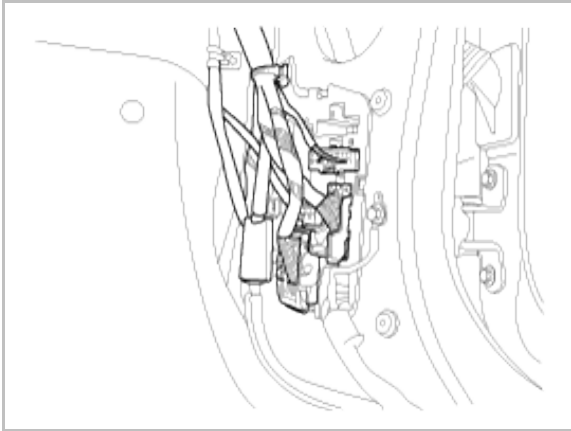
### Replacement

#### Cowl Cross Bar Replacement

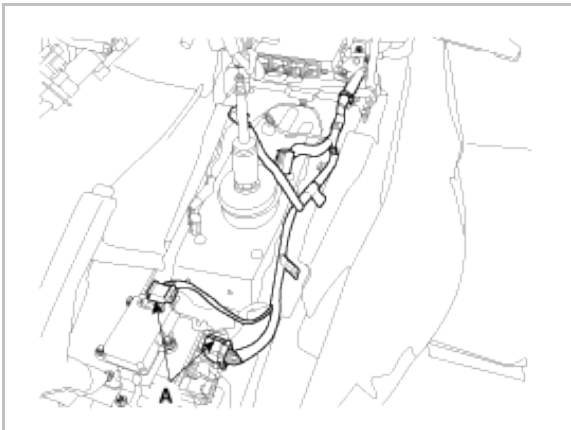
1. Remove the front seat.
2. Remove the floor console.
3. Remove the crash pad.
4. Remove the cowl top cover.
5. Disconnect the connectors.



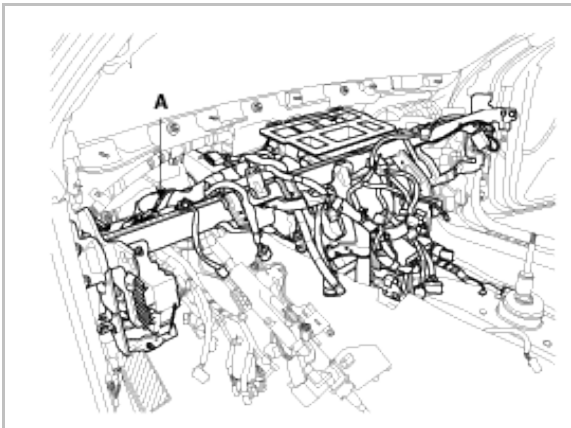
6. Disconnect the connectors.



7. Disconnect the connectors (A).

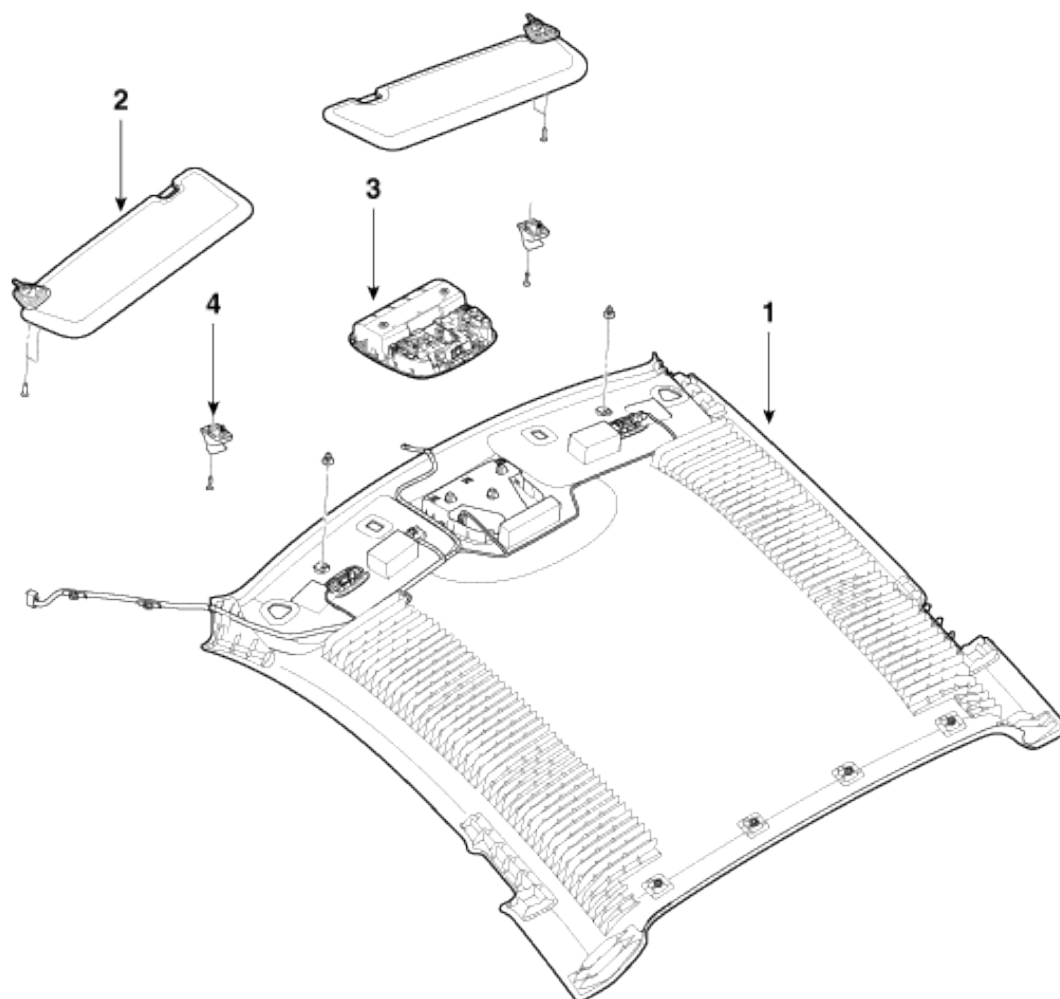


8. Remove the cowl cross bar (A).



9. Installation is the reverse of removal.

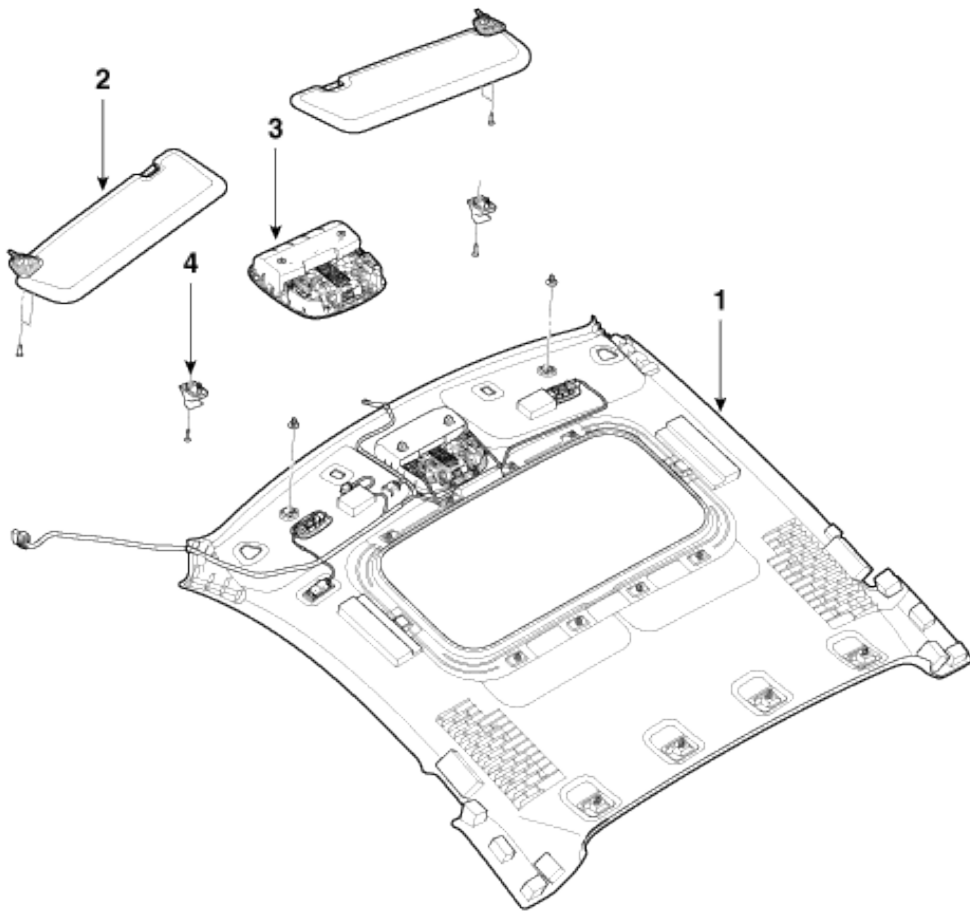
## Components



1. Roof trim  
2. Sunvisor

3. Overhead console  
4. Sunvisor retainer





1. Roof trim  
2. Sunvisor

3. Overhead console  
4. Sunvisor retainer

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

### Replacement

#### Roof Trim Replacement

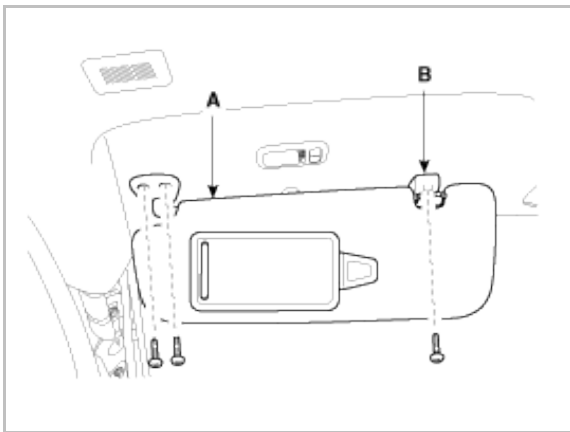
##### NOTE

- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Put on gloves to protect your hands.

1. Remove the front seat.
2. Remove the rear seat.
3. Remove the interior trim.

4. Remove the sunvisor

A. Remove the sunvisor (A) and holder (B) from each side.

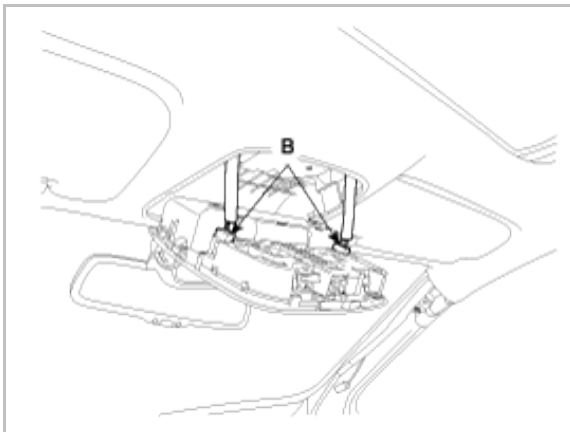
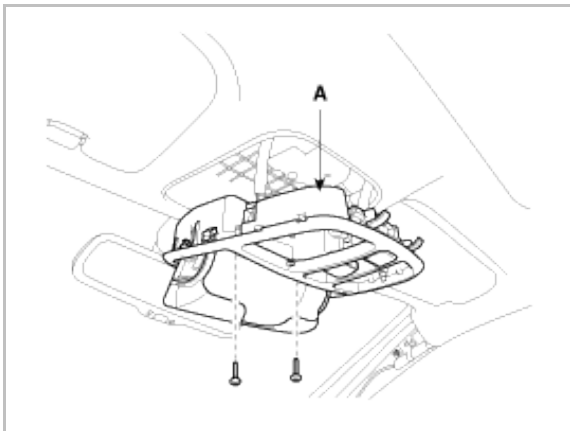


5. Remove the overhead console.

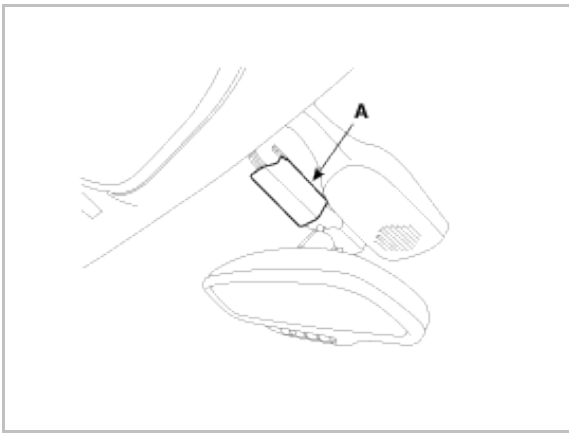
A. Remove the screw.

B. Pull out the roof console (A).

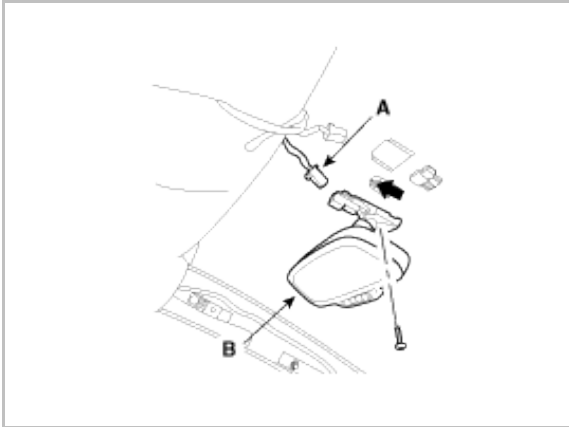
C. Disconnect the connector (B).



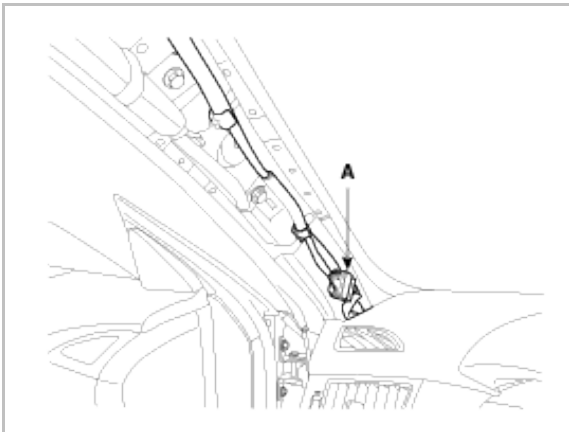
6. Remove the cover (A).



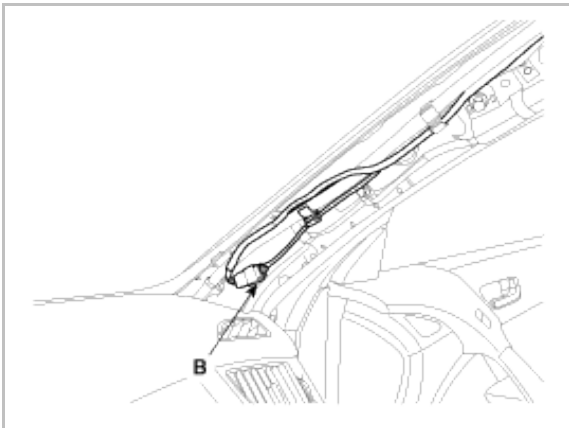
7. Disconnect the connector (A).



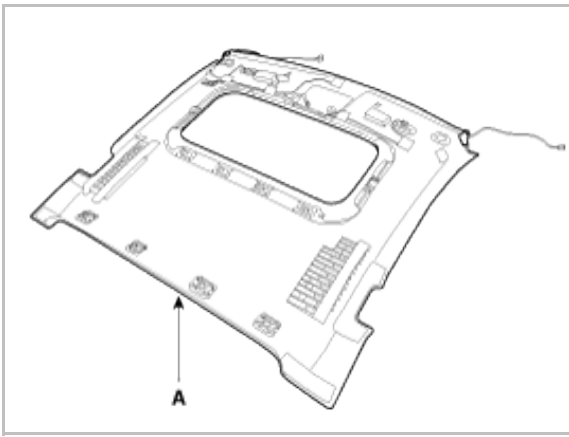
8. Disconnect the connector (A).



9. Disconnect the connector (B).



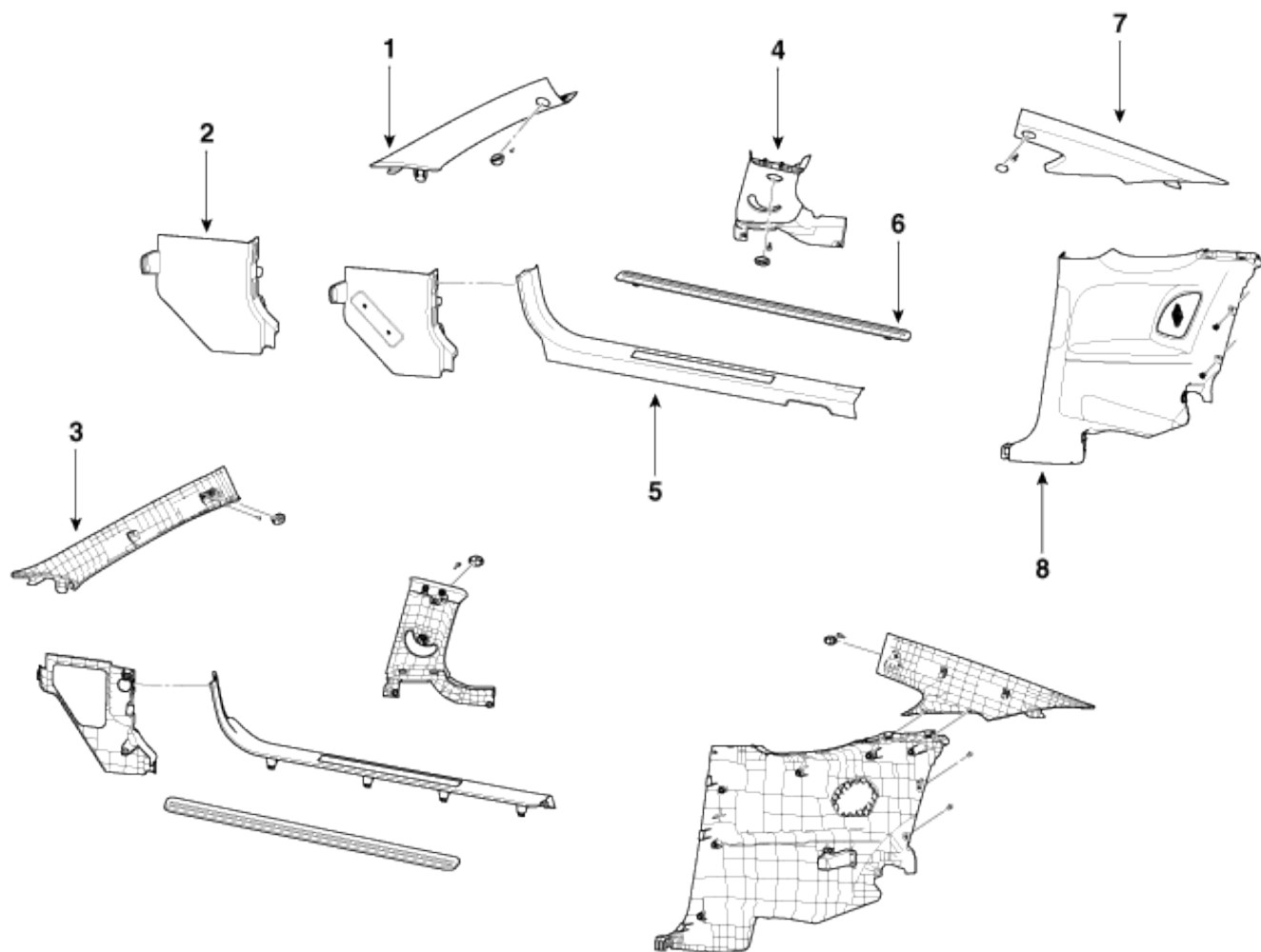
10. Remove the roof trim (A).



11. Installation is the reverse of removal.

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

**Components**



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

5. Door scuff trim
6. Door step
7. Rear pillar trim
8. Luggage side trim

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

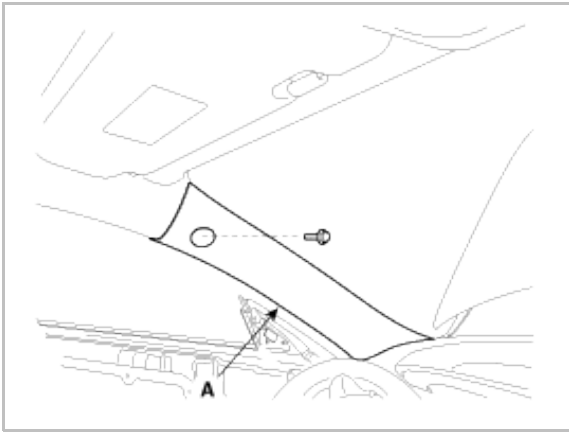
### Replacement

#### Front Pillar Trim Replacement

##### NOTE

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

1. Remove the front pillar trim (A).



2. Installation is the reverse of removal.

#### NOTE

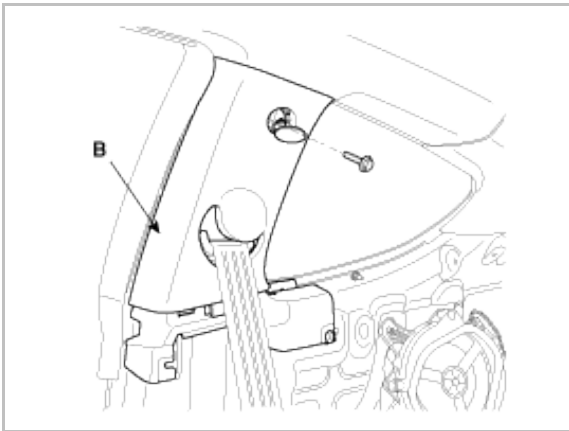
- Replace any damage clips.

## Center Pillar Trim Replacement

#### NOTE

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

1. Remove the door scuff trim.
2. Remove the luggage side trim.
3. Remove the center upper trim (B).



4. Installation is the reverse of removal.

#### NOTE

- Replace any damaged clips.

## Rear Pillar Trim Replacement

#### NOTE

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

1. Remove the rear pillar trim (B).



2. Installation is the reverse of removal.

#### NOTE

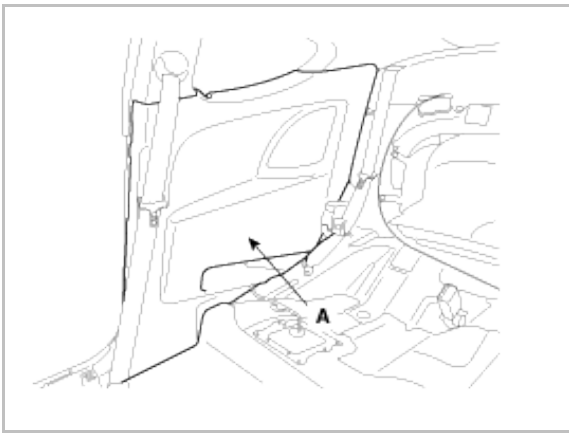
- Replace any damaged clips.

## Package Tray Trim Replacement

1. Remove the rear seat assembly.
2. Remove the rear pillar trim (B).

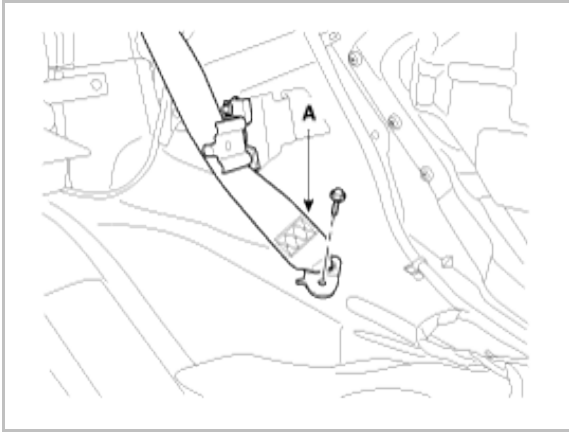


3. Remove door scuff trim.
4. Remove the luggage side trim (A).

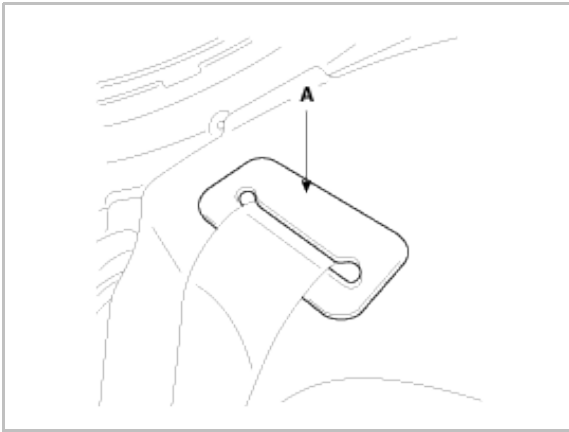


5. Remove partition side trim.

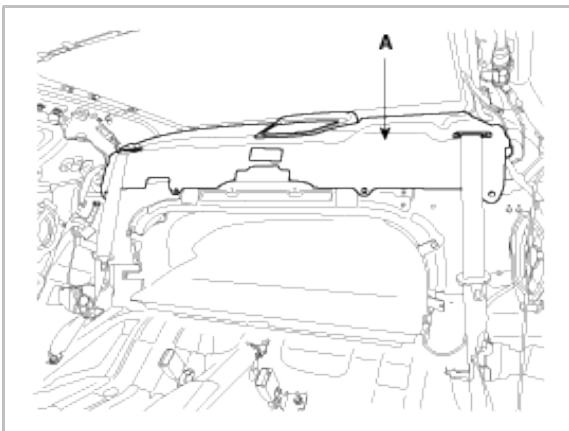
6. Remove the seat belt lower anchor (A).



7. Remove the seat belt cover (A).



8. Remove the package tray trim (A).

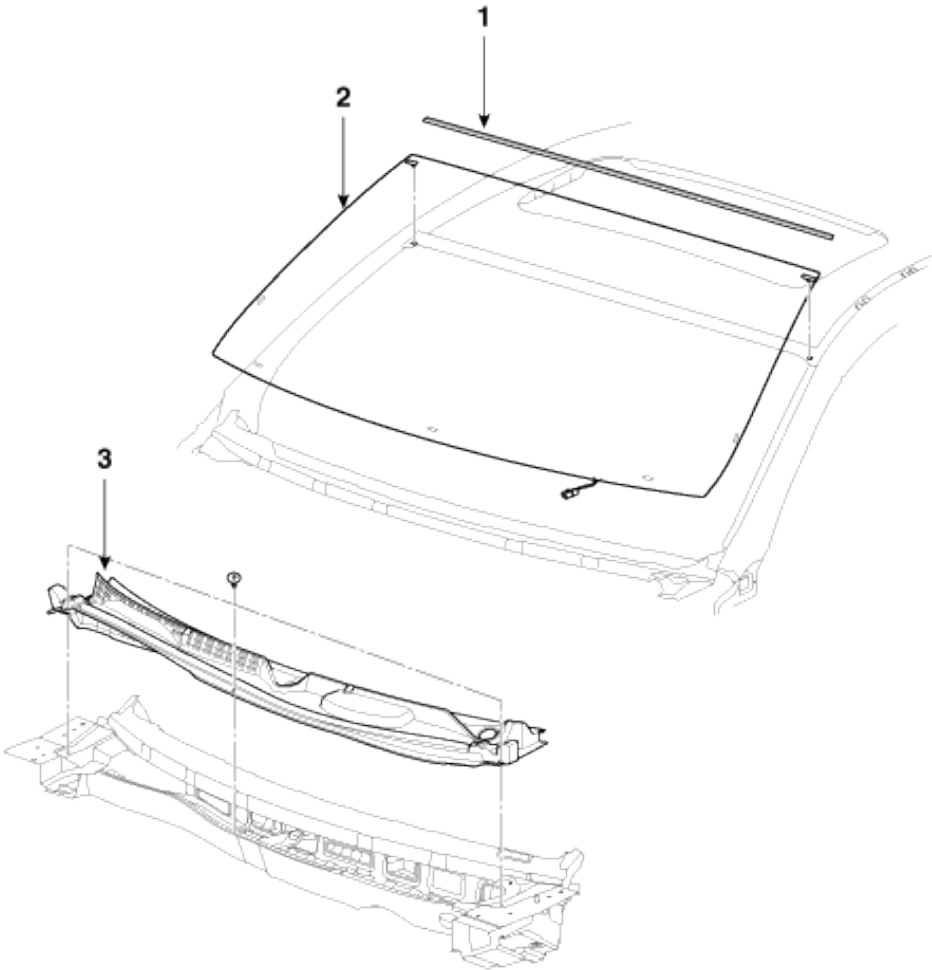




9. Installation is the reverse of removal.

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

Components



- |                       |                     |
|-----------------------|---------------------|
| 1. Windshield molding | 2. Windshield glass |
|                       | 3. Cowl top cover   |

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

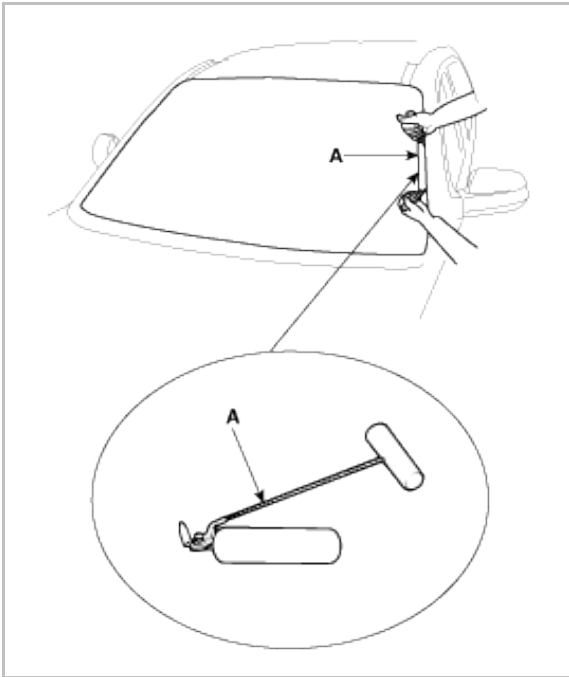
Replacement

Removal

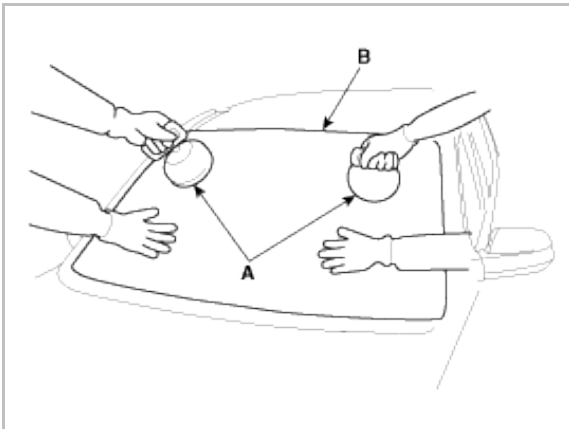
## NOTE

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

1. Remove the following items.
  - A. Front pillar trim, both sides.
  - B. Windshield wiper arms and cowl cover (Refer to page BE-“Windshield wiper”).
2. Cut out the windshield sealant using the sealant cutting tool (A)(09861-31100).

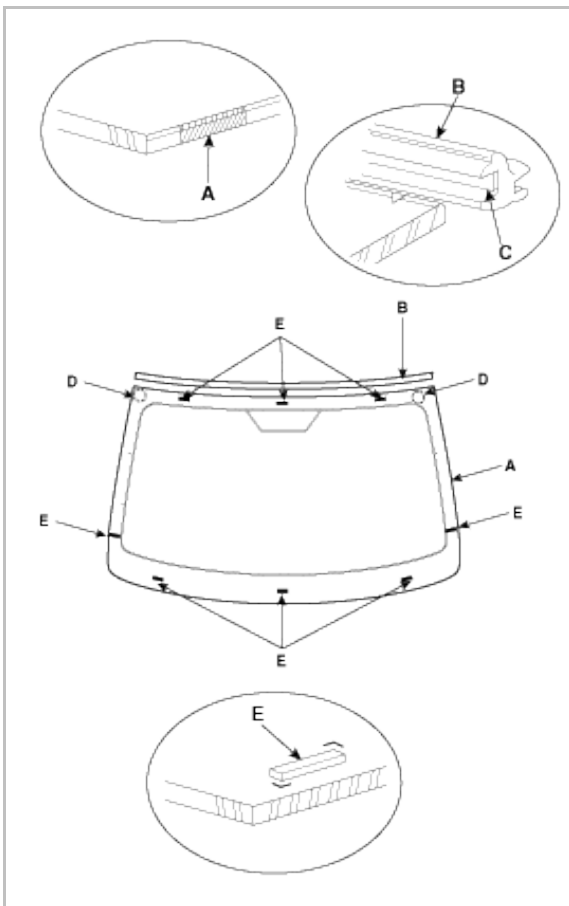


3. Remove the windshield (A) carefully using the glass holder (B).

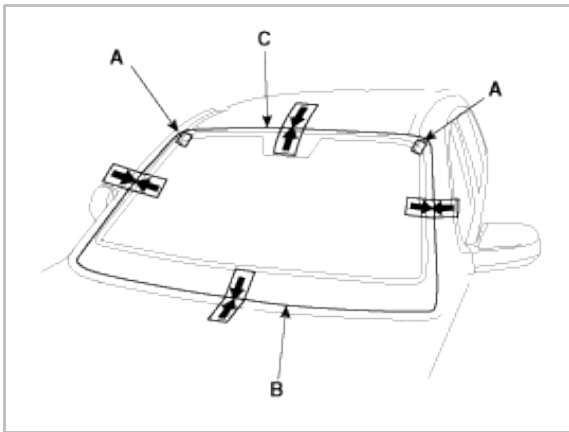


## Installation

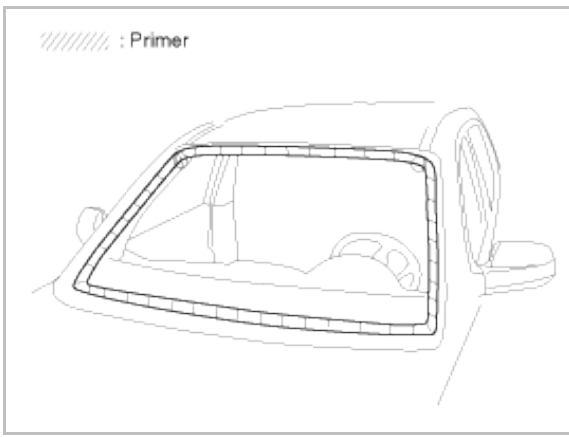
1. With a scraper, scrape the old adhesive smooth to a thickness of about 2mm (0.08 in.) on the bonding surface around the entire windshield opening flange:
  - A. Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
  - B. Remove the rubber dam and 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 windshield (A) upper molding (B) and fasteners (C). Do not allow any gaps.



4. 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).
5. Remove the windshield.



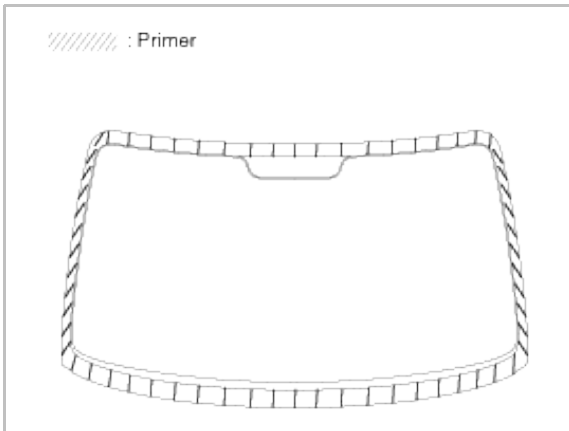
6. With a sponge, apply a light coat of body primer to the original adhesive remaining around the windshield opening flange. Let the body primer dry for at least 10 minutes.
  - A. Do not apply glass primer to the body, and be careful not to mix up glass and body primer sponges.
  - B. Never touch the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



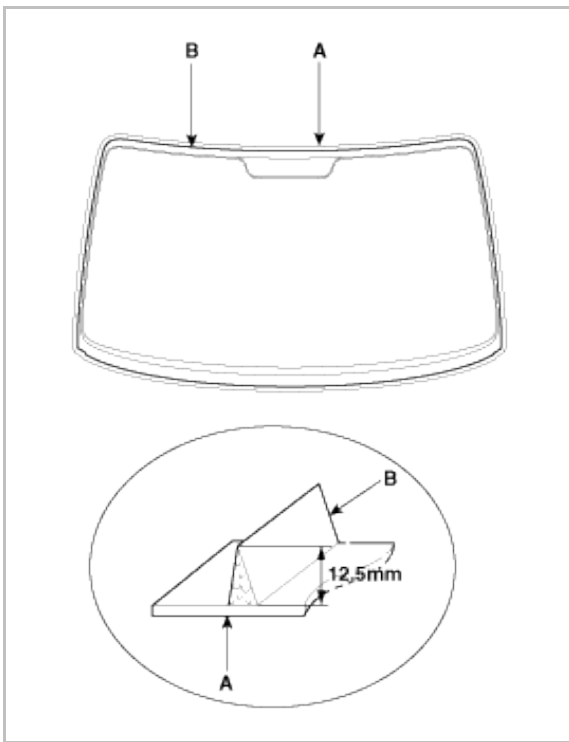
7. Apply a light coat of glass primer to the outside of the fasteners.

#### NOTE

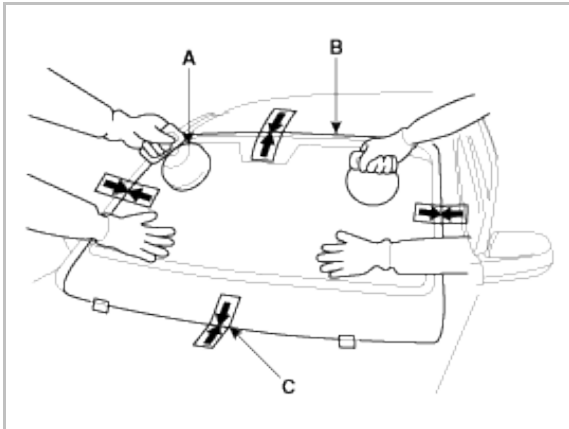
- Never touch the primed surface with your hand. If you do, the adhesive may not bond to the glass properly, causing a leak after the windshield glass is installed.
- Do not apply body primer to the glass.
- Keep water, dust, and abrasive materials away from the primer.



8. 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 (A) around the edge of the windshield (B) 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.

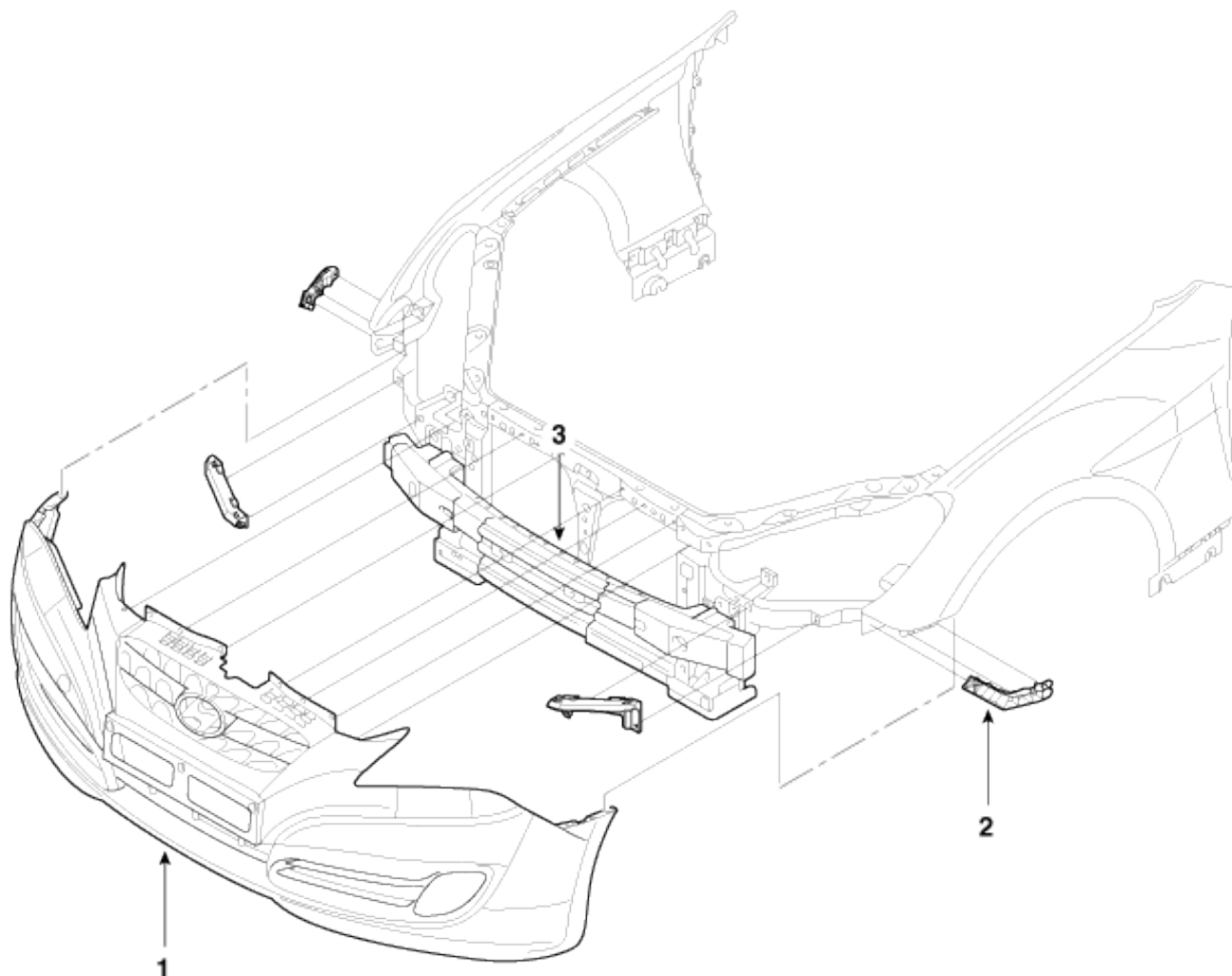


9. Use suction cups (A) to hold the windshield over the opening, align it with the alignment marks (B) made in step 15, and set it down on the adhesive. Lightly push on the windshield until its edges are fully seated on the adhesive all the way around. Do not open or close the doors until the adhesive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



10. 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.
11. 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.
12. 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)

## Components



1. Front bumper cover  
2. Front bumper side bracket

3. Front bumper rail

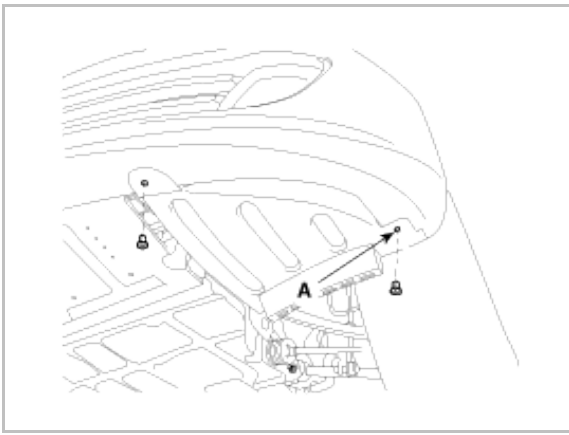
## Body (Interior and Exterior) > Bumper > Front Bumper > Repair procedures

### Replacement

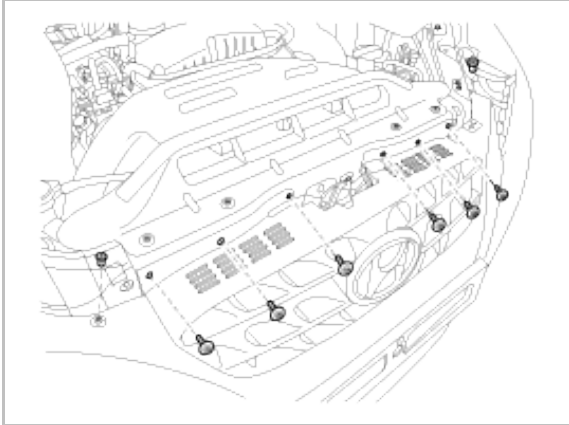
#### NOTE

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

1. Remove the clips (A).



2. Remove the radiator upper cover mounting clips.



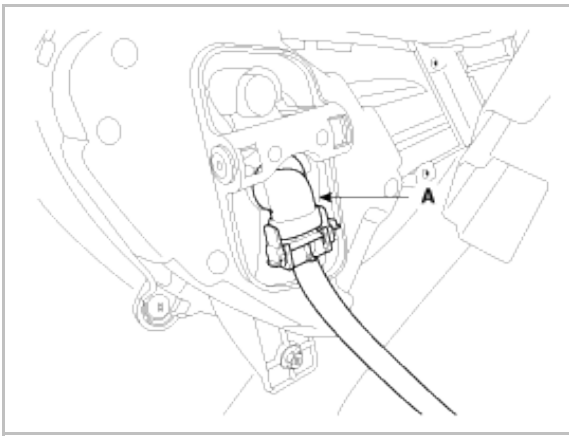
3. Remove the screw (A).



4. Remove the headlamp.

5. Remove the front bumper cover.

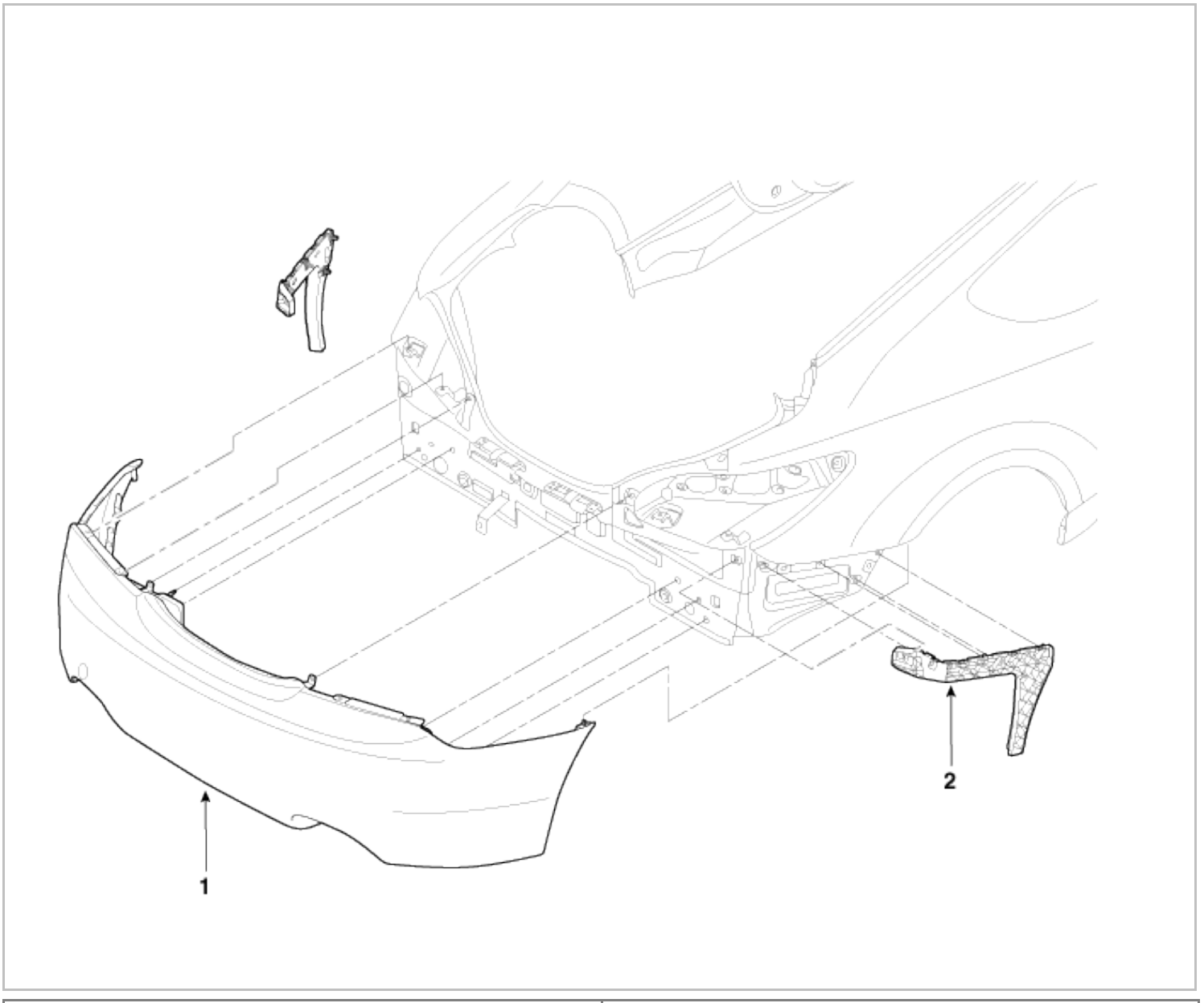
6. Disconnect the fog lamp connector (A).



7. Installation is the reverse of removal.

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

### Components

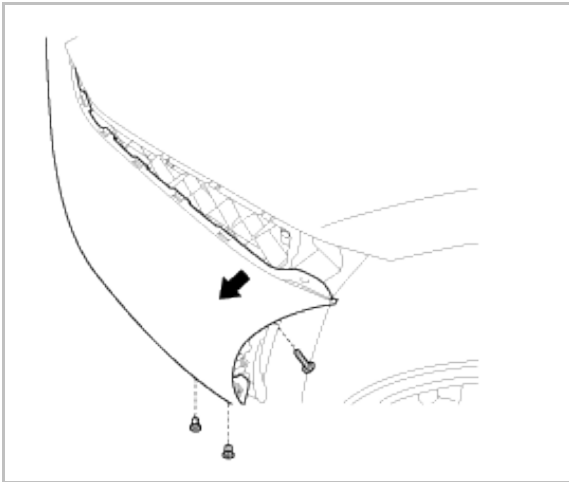




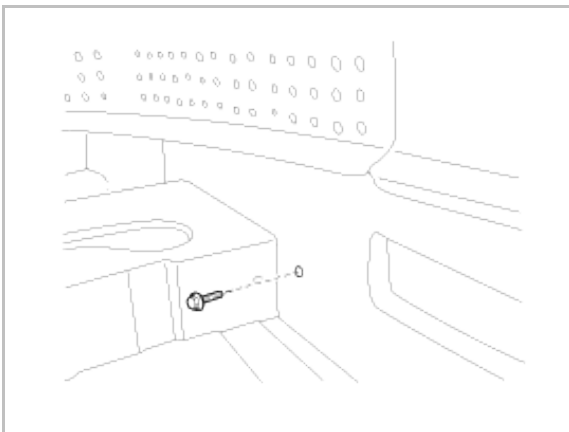
**Body (Interior and Exterior) > Bumper > Rear Bumper > Repair procedures****Replacement****NOTE**

- After remove the rear combination lamp.
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.
- Take care not bend or scratch the cover and other parts.

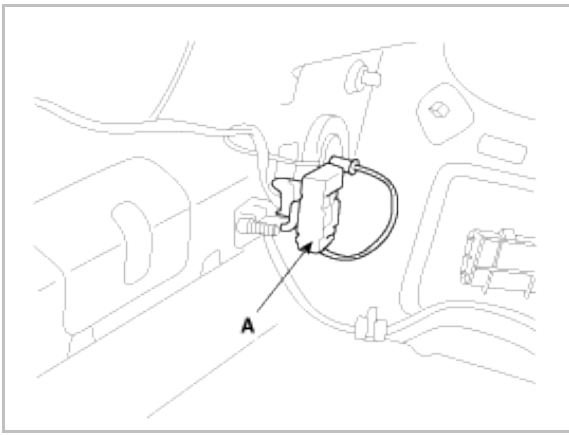
1. Remove the transverse trim.
2. Luggage side trim.
3. Remove the mounting screw.



4. Remove the mounting bolts.

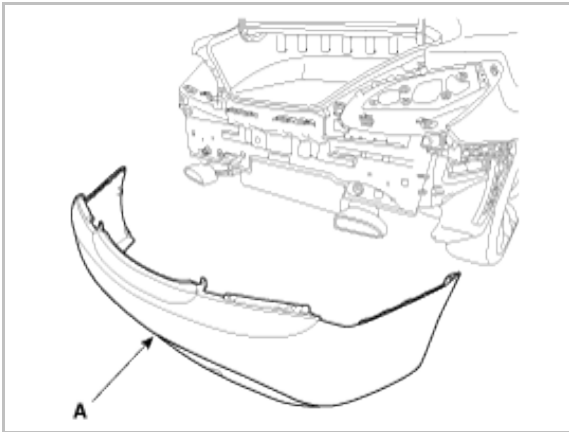


5. Disconnect the connector (A).



6. Loosen the rear bumper cover screws and clips.

7. Remove the rear bumper cover (A).



8. Installation is the reverse of removal.

#### NOTE

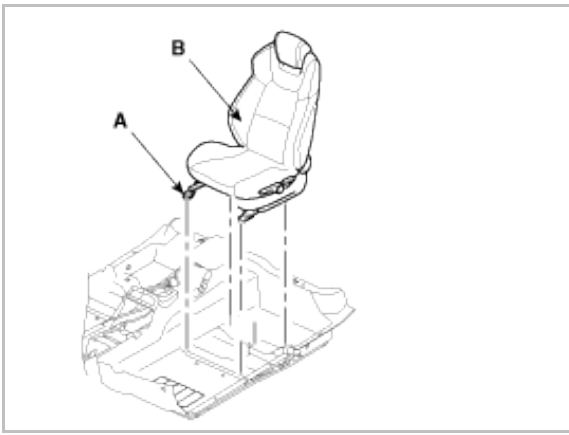
- Replace any damage clips.

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

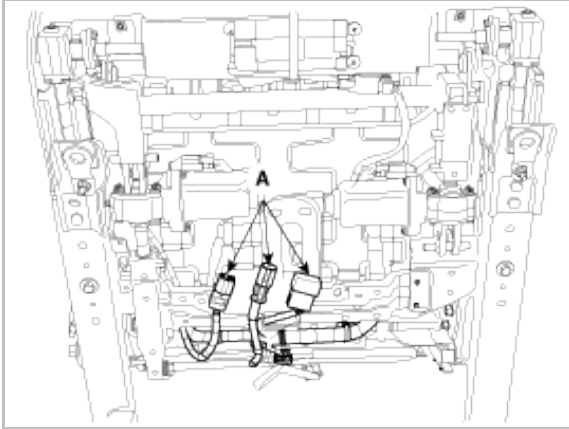
## Replacement

### Seat Assembly Replacement

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



3. Disconnect the connectors (A), and remove the seat assembly.



#### NOTE

Be sure to perform PODS re-zero with Hi-Scan (pro) after replacing parts (passenger's) (Refer to page RT-Airbag)

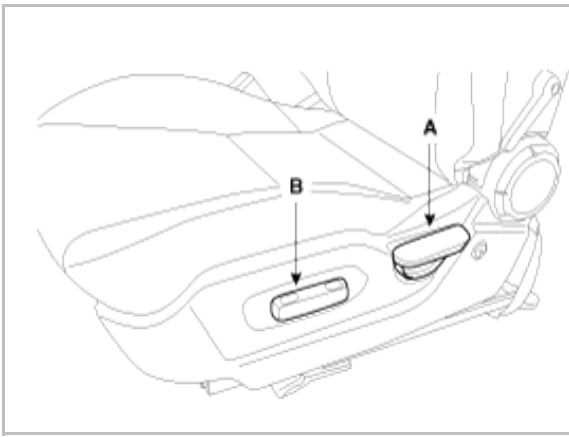
#### CAUTION

##### SEAT MOUNTING BOLT INSTALLATION PROCEDURE (manual seat only)

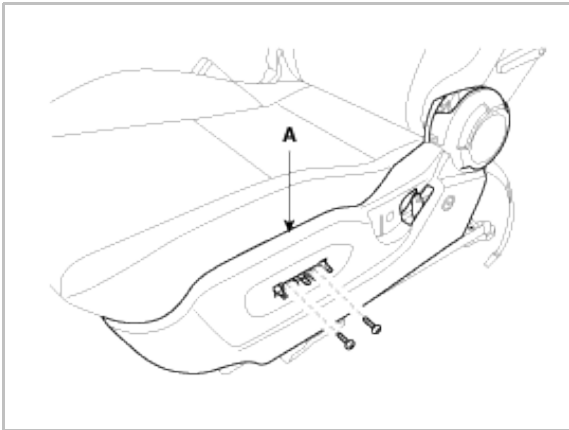
- Set the into the most rearward position. check then each slide is locked, and then tighten the front mounting bolt temporarily.
- Set the seat into most forward position. check that each slide is locked, and then tighten the rear mounting bolt completely.
- Set the seat into the most rearward position.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

## Recliner Cover Replacement

1. Remove the recliner lever (A).
2. Remove the height lever (B).



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



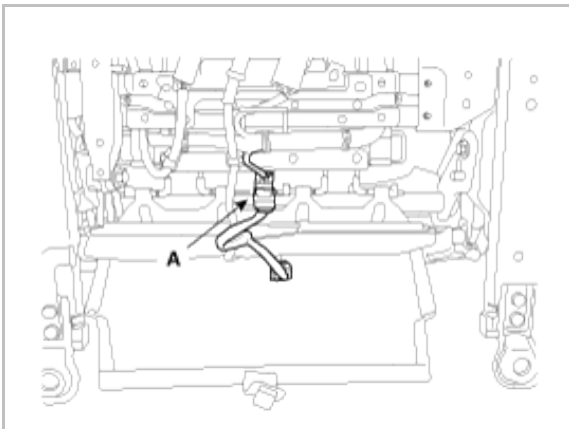
5. Installation is the reverse of removal.

#### NOTE

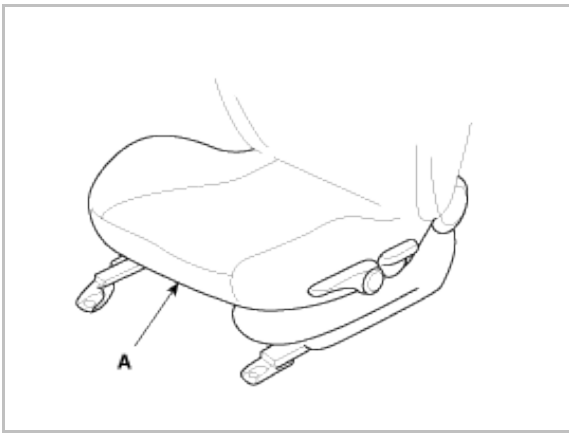
Be sure to perform PODS re-zero with Hi-Scan (pro) after replacing parts (passenger's) (Refer to page RT-Airbag)

## Seat Cushion Cover Replacement

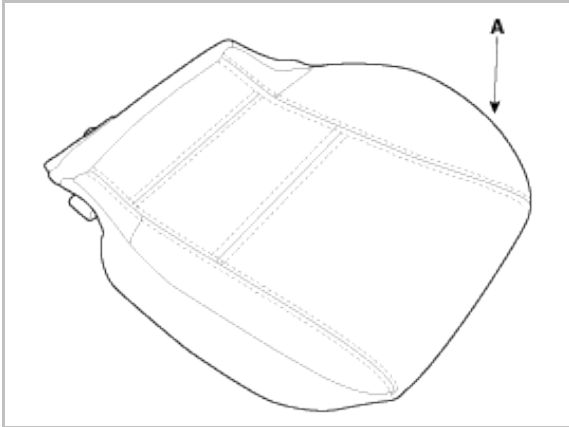
1. Remove front seat assembly.
2. Remove the recliner cover.
3. Disconnect the connector (A).



4. After disconnect the protector, remove the seat cushion (A).



5. Remove the seat cushion cover (A).



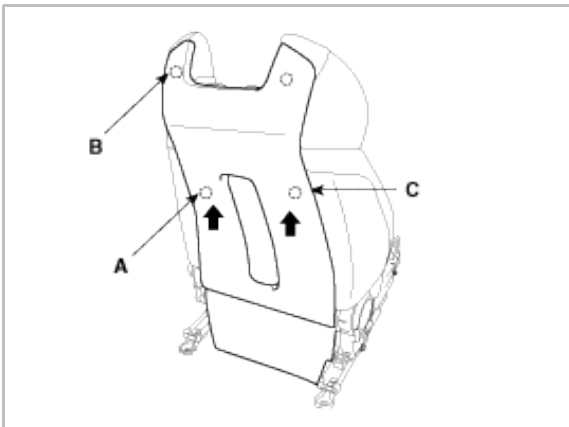
6. Installation is the reverse of removal.

#### NOTE

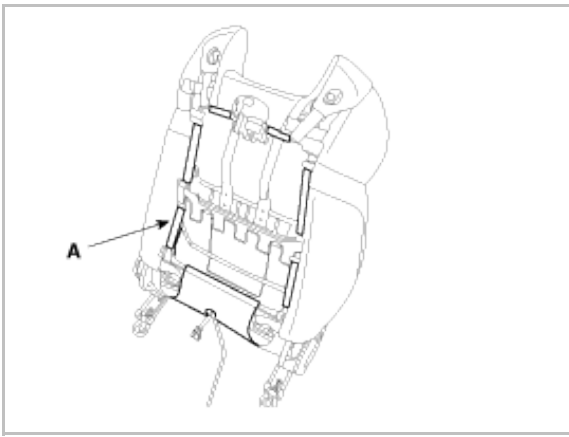
Be sure to perform PODS re-zero with Hi-Scan (pro) after replacing parts (passenger's) (Refer to page RT-Airbag)

## Seat Back Cover Replacement

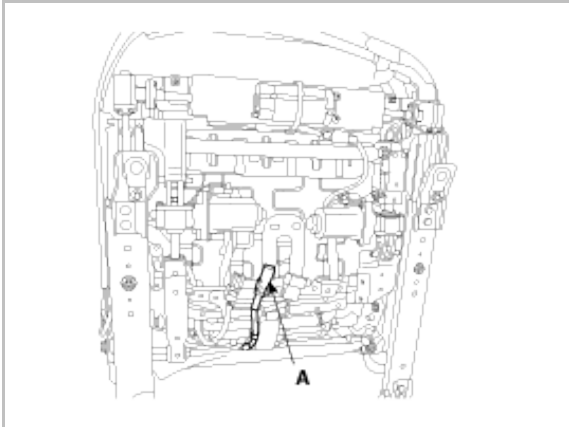
1. Remove front seat assembly.
2. Remove the headrest.
3. Remove the lumbar support lever.
4. After disconnecting the clips (A) and (B), remove the seat back panel (C).



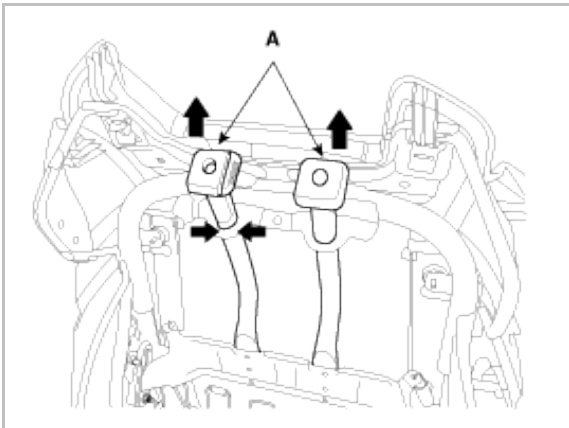
5. Disconnect the protector (A) from the back frame.



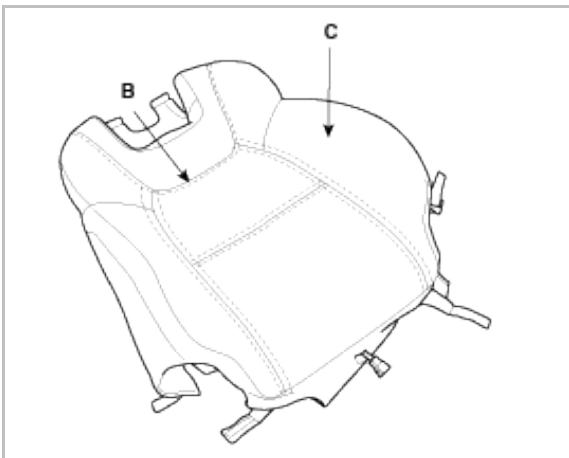
6. Disconnect the connector (A).



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



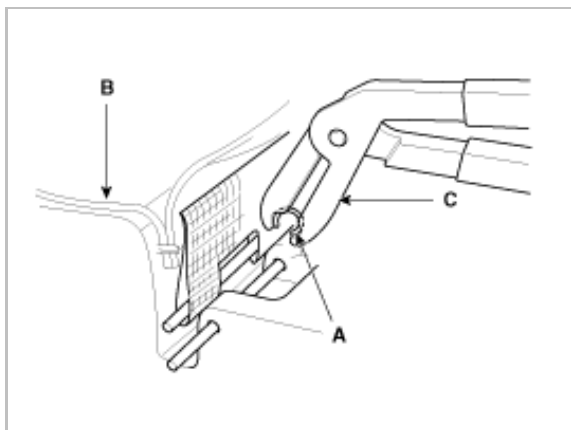
8. After removing the hogring clip(B) and remove the seat back cover (C).



9. Installation is the reverse of removal.

#### NOTE

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



#### NOTE

Be sure to perform PODS re-zero with Hi-Scan (pro) after replacing parts (passenger's) (Refer to page RT-Airbag)

## Seat Frame Replacement

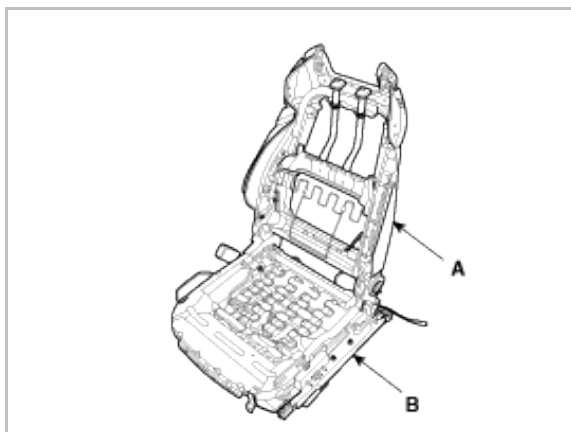
1. Remove the following items.

- A. Recliner cover.
- B. Seat back
- C. Seat cushion

2. After loosening the mounting bolts, then disconnect the seat back frame (A) and seat cushion frame (B).

#### NOTE

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



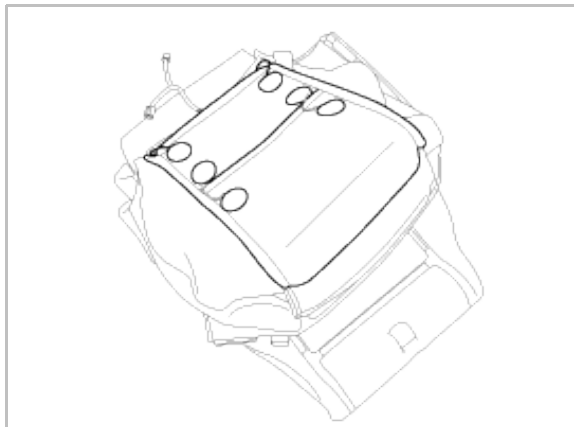
3. Installation is the reverse of removal.

#### NOTE

Be sure to perform PODS re-zero with Hi-Scan (pro) after replacing parts (passenger's) (Refer to page RT-Airbag)

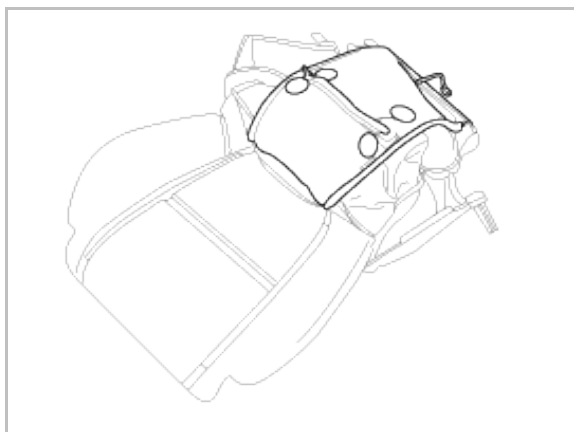
## Seat Cushion Heater Replacement

1. Remove the seat cushion cover.



## Seat Back Heater Replacement

1. Remove the seat back cover.



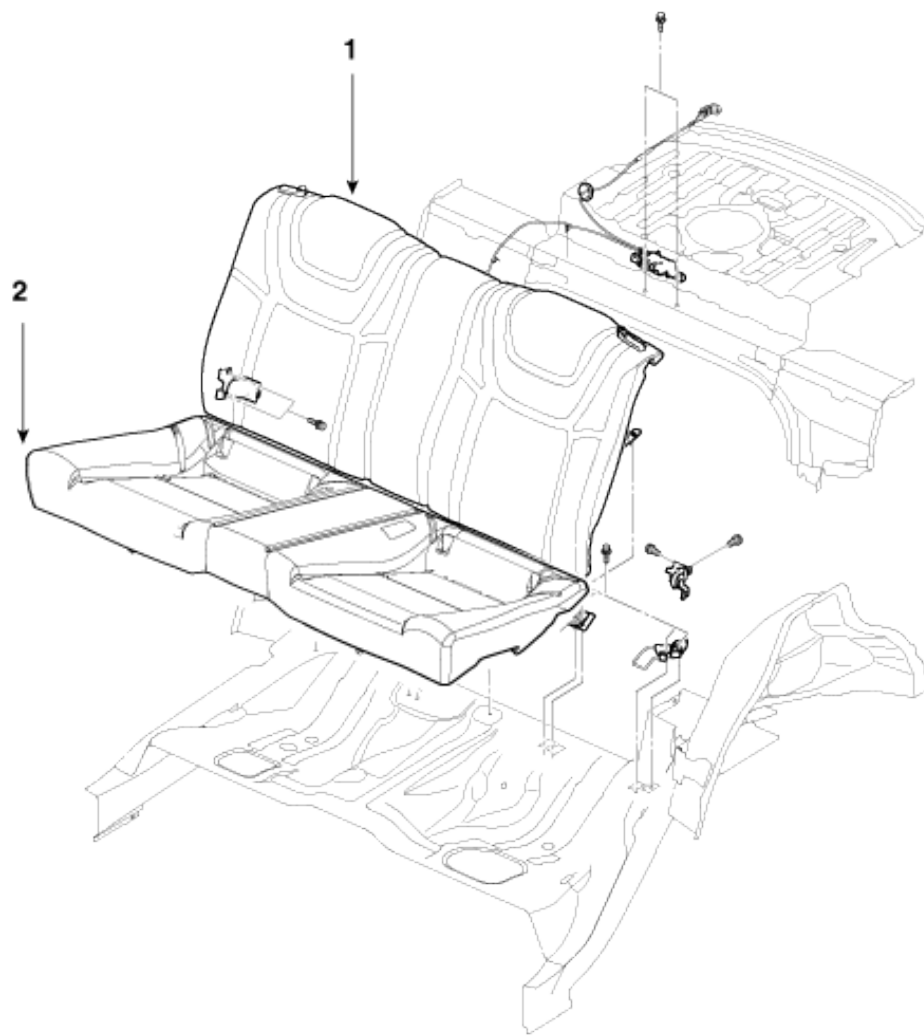
### NOTE

Be sure to perform PODS re-zero with Hi-Scan (pro) after replacing parts (passenger's) (Refer to page RT-Airbag)

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

## Components





1. Rear seat back assembly

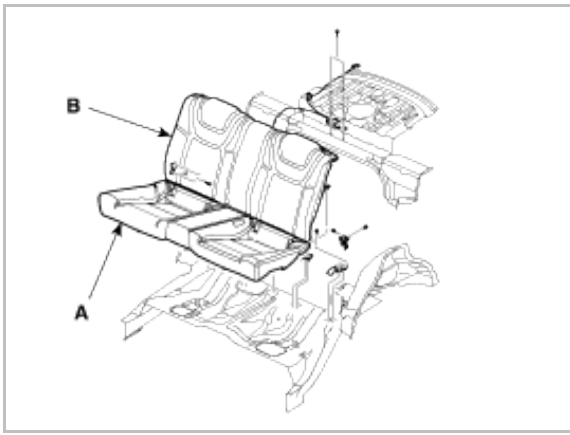
2. Rear seat cushion assembly

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

### Replacement

#### Rear Seat Assembly Replacement

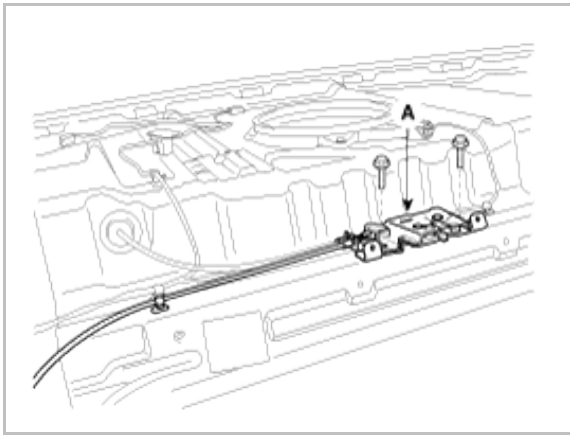
1. After loosening the mounting bolts, remove the seat assembly (A), (B).



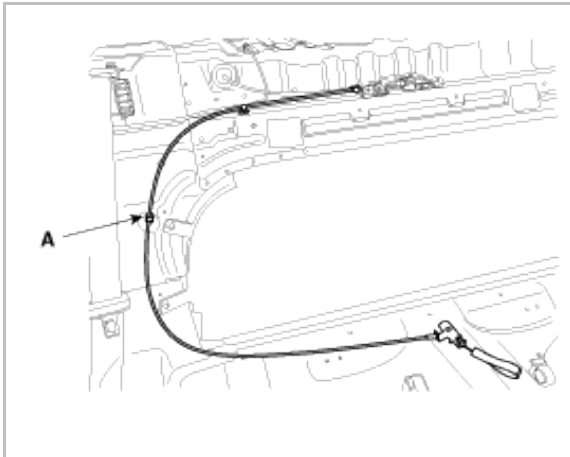
2. Installation is the reverse of removal.

## Rear Seat Latch Replacement

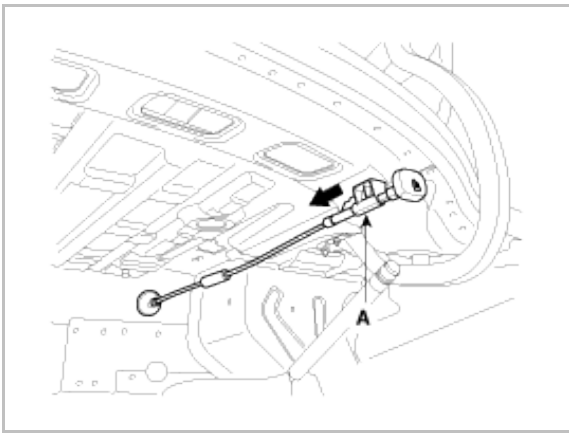
1. Remove the rear seat.
2. After loosening the mounting bolts, remove the latch assembly (A).



3. Remove the cable (A).



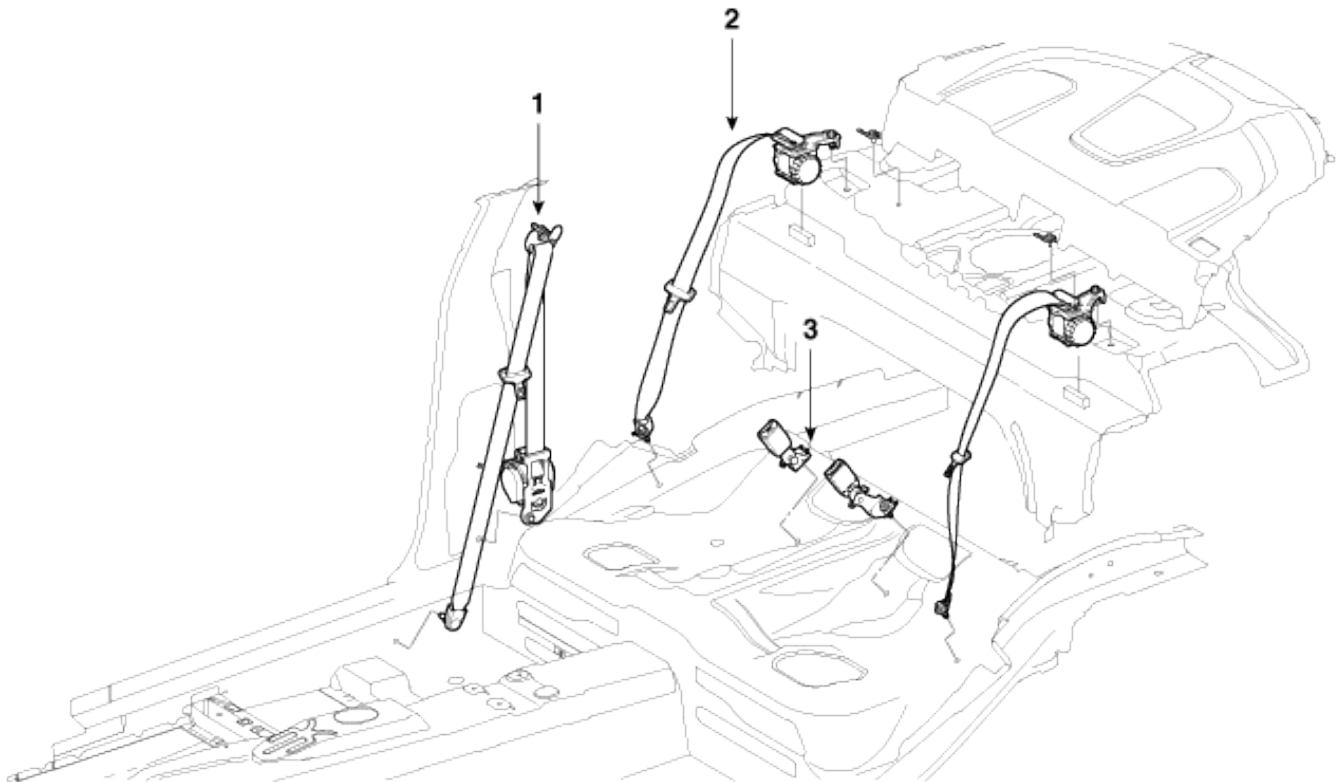
4. Remove the handle (A).



5. Installation is the reverse of removal.

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

### Components



1. Front seat belt
2. Rear seat belt

3. Rear seat belt buckle

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

### Replacement

#### Front Seat Belt Replacement

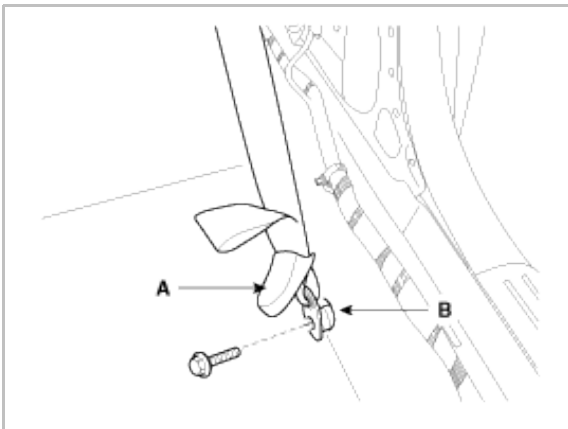
##### CAUTION

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

1. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
2. Remove the following items fist.
  - A. Front seat assembly.
  - B. Door scuff trim.
  - C. Rear seat assembly.
3. After raise the lower anchor cover (A), loosen the lower anchor mounting bolt (B).

##### Tightening torque :

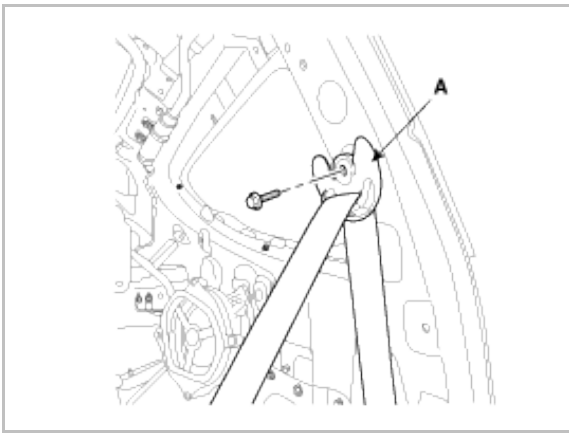
39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



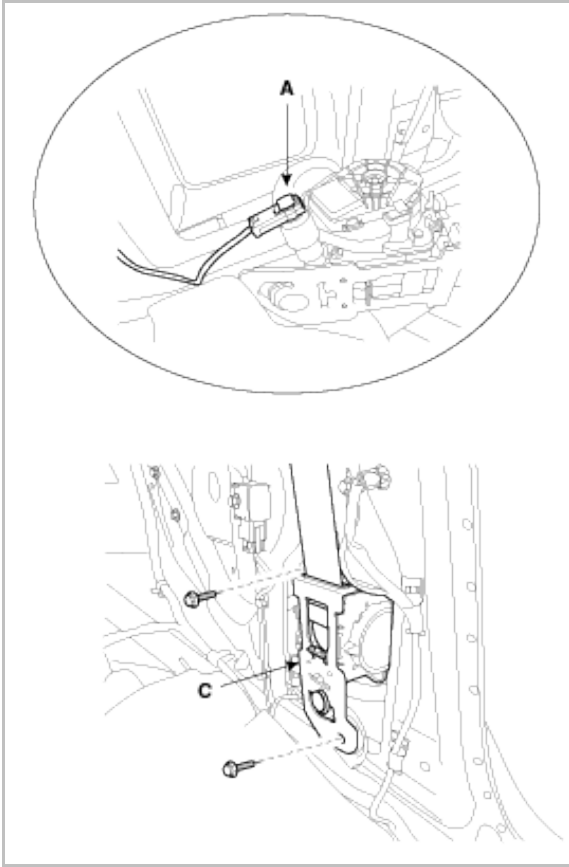
4. Remove the center pillar lower trim.
5. Remove the center pillar upper trim.
6. Remove the upper anchor (A).

##### Tightening torque :

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



7. After disconnecting the pretensioner connector lock pin, remove the pretensioner connector (A), Loosen the mounting bolt, then remove the pretensioner (C).



## Front Seat Belt Buckle Replacement

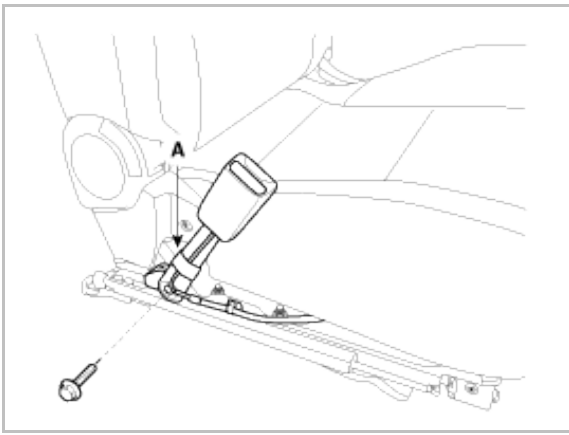
1. Remove the following items first.
  - A. Front seat assembly.
2. Remove the wire harness of buckle from seat.
3. Remove the seat belt buckle (A).

---

### Tightening torque :

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

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4. Installation is the reverse of removal.

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

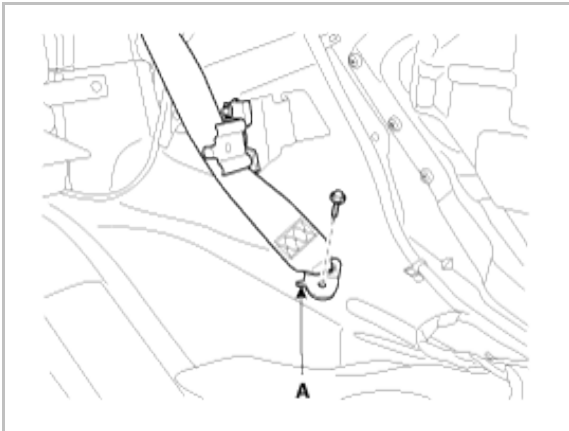
### Replacement

#### Rear Seat Belt Relacement

1. Remove the following items first:
  - A. Front seat assembly.
  - B. Rear seat assembly.
  - C. Door scuff trim.
  - D. Tranverse trim.
2. Remove the lower anchor (A).

#### Tightening torque :

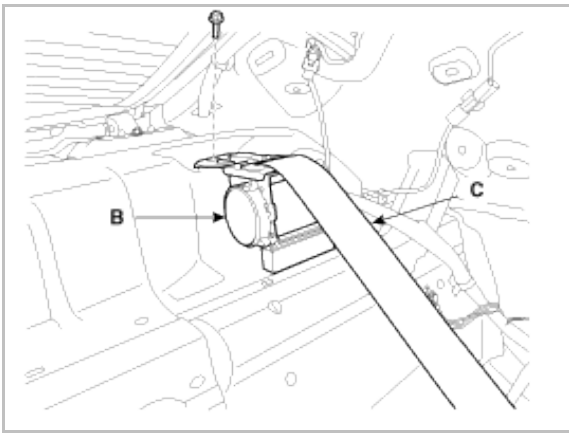
39.2 ~ 53.9 N.m (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



3. Remove the package tray trim.
4. After loosening the retractor (B) mounting bolt, remove the rear seat belt (C).

#### Tightening torque :

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



5. Installation is the reverse of removal.

## Rear Seat Belt Buckle Replacement

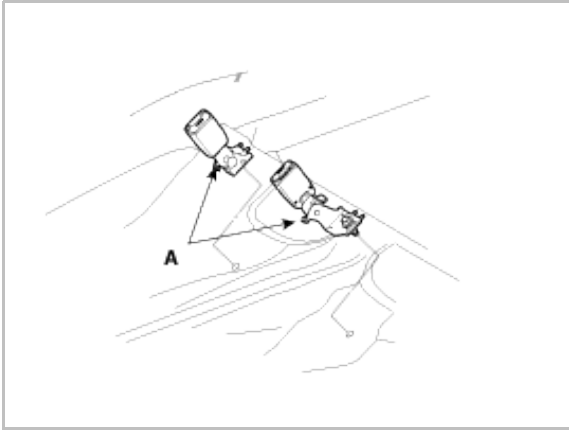
1. Remove the rear seat assembly.
2. Remove the rear seat belt buckle (A).

---

### Tightening torque :

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

---



3. Installation is the reverse of removal.