Body (Interior and Exterior)

General Information

Specifications

Hood	Туре	Rear hinged, Front opening type, stay type	
Front Door	Construction	Front hinged, full door construction	
	Regulator system	X-arm type	
	Locking system	Pin-fork system	
Rear Door	Construction	Front hinged, full door construction	
	Regulator system	X-arm type	
	Locking system	Pin-fork system	
Trunk lid	Туре	Inner hinged, torsion bar	
Seat Belts Front		3 point type with Emergency Locking Retractor (E.L.R)	
	Rear	3 point type, (Center)2 point type	

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General Information

Tightening Torques

Items		N.m	Kgf.m	Lb-ft
Hood	Hood hinge to body	21.6~26.5	2.2~2.7	15.9~19.5
	Hood hinge to hood	21.6~26.5	2.7~2.7	15.9~19.5
	Hood latch to body	6.9~8.8	0.7~1.1	5.1~8.0
Trunk lid	Trunk lid latch	6.9~10.8	0.7~1.1	5.1~8.0
	Trunk lid latch	6.9~10.8	0.7~1.1	5.1~8.0
Front and rear doors	Door hinge to body	34.3~41.2	3.5~4.2	25.3~30.4
	Door hinge to door	21.6~26.5	2.2~2.7	15.9~19.5
	Door 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	16.7~21.6	0.7~1.1	5.1~8.0
Seat	Front seat mounting bolts	6.9~10.8	3.5~5.5	25.3~39.8
	Rear seat mounting bolts	34.3~53.9	3.5~5.5	25.3~39.8
Seat belt	Front seat belt height adjuster	39.2~53.9	4.0~5.5	28.9~39.8
ولیت محدود) درو در ایران	Front seat belt buckle mounting bolt	39.2~53.9	4.0~5.5	28.9~39.8
	Front seat belt anchor 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~ <mark>5</mark> 3.9	4.0~5.5	28.9~ <mark>39.8</mark>

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BD-3

Body (Interior and Exterior)

Special Service Tools

Tool (Number and name)	Illustration	Use
09793-21000 Door hinge adjusting wrench		Adjustment, removal and installation of the door hinge
	SSPBD00001	
09800-21000 Ornament remover		Trim removal
	SSPBD00002	
09853-31000 Headliner clip remover		Headliner clip removal
	SSPBD00003	
09861-31100 Sealant cut-out tool		Cutting windshield sealant (use with 09861-31200)
	SSPBD00004	
09861-31200 Sealant cutting blade	000	Cutting windshield sealant (use with 09861-31100)
	SSPBD00005	

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General Information

BD-5

Tool (Number and name)	Illustration	Use
09861-31000 Windshield molding remover		Windshield moding removal
	SSPBD00008	
09880-4F000 Hog ring clip installer		Hog ring clip installation
	SSPBD00009	
09840-1M100 Air vent remover	A A	Air vent removal
مانه (مسئولیت محدود)	SSPBD00011	
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Body (Interior and Exterior)

Troubleshooting

Symptom	Suspect Area	Remed	
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 cra- cked 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. closi- ng 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	Foreign particles lodged in guide rail	Adjust or replace	
move or moves only partially	Incorrect engagement of motor pinion with drive cable		
	Decrease in motor's clutch slipping force		
	Increased sunroof sliding resistance or interfere- nce of sunroof with drive cables, weatherstrip, e- tc. due to maladjustment of sunroof		
Noise in motor (clutch slipping no- ise from motor when sunroof is fu-	Incorrect engagement of motor pinion with drive cable	Check pinion installation and reti- ghten motor	
lly opened or closed is not an un- usual noise	Worn out or damaged motor pinion bearing	Replace motor assembly	
usual hoise	Worn out or deformed drive cable	Replace	
Door glass fails to operate up and	Incorrect window glass installation	Adjust position	
down	Damaged or faulty regulator arm or regulator	Correct or replace	
Door does not open or close com-	Incorrect door installation	Adjust position	
pletely	Defective door check assembly	Correct or replace	
	Door hinge requires grease	Apply grease	
Hood does not open or close co-	Striker and latch not properly aligned	Adjust	
mpletely	Incorrectly installed hood	Adjust	
	Incorrect hood bumper height	Adjust	
Water leak through windshield en-	Defective seal	Fill with sealant	
d rear window	Defective flange	Correct	

Exterior

Exterior

Fender

Replacement

MOTICE

- Be careful not to damage the hood and body.
- When removing the clips, use a clip remover.
- 1. Remove the front bumper mounting screw.
- 2. After loosening the fender mounting bolts, remove the fender (A).



BD-7

Body (Interior and Exterior)

Hood

Replacement

Hood Assembly Replacement

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

Hood Insulator Replacement

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

• Be careful not to scratch the hood panel.



STDBD9001D

2. Installation is the reverse of removal.

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

Exterior

Hood Seal Weatherstrip Replacement

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



STDBD9003D

2. Installation is the reverse of removal.

Replace any damaged clips.

Hood Release Handle Replacement

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



STDBD9158D

2. Installation is the reverse of removal.

WNOTICE

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

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BD-10

Body (Interior and Exterior)

Hood Latch Replacement

- 1. Remove the front bumper cover.
- 2. Remove the hood latch (A) mounting bolts.

Tightening torque :

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



STDBD9005D

3. Disconnect the hood latch cable (A) and remove the latch.

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STDBD9006D

4. Installation is the reverse of removal.

WNOTICE

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

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Exterior

BD-11

Adjustment

- After loosening the hinge (A) mounting bolt, adjust the hood (B) by moving it up or down, or right or left.
- 2. Adjust the hood height by turning the hood 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.



STDBD9159D

BD-12

Body (Interior and Exterior)

Trunk Lid

Replacement

Trunk Lid Replacement

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

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



- Trunk Lid Weatherstrip Replacement
- 1. Remove the trunk lid weatherstrip (A).



STDBD9009D

2. Installation is the reverse of removal.



3. After loosening the mounting bolt, remove the trunk

STDBD9008D

4. Installation is the reverse of removal.

WNOTICE

lid (B).

Replace any damaged clips.

Exterior

Trunk Lid Latch Replacement

- 1. Remove the trunk lid trim.
- 2. Disconnect the connector (B).
- 3. After loosening the mounting bolt, then remove the latch assembly (A).





STDBD9011D

5. Installation is the reverse of removal.

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

BD-13

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BD-14

Body (Interior and Exterior)

Adjustment

- 1. After loosening the trunk lid hinge (A) mounting bolt, adjust the trunk lid 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 latch (C) mounting bolts, adjust the trunk lid latch by moving it up or down, or right or left.



STDBD0024D

Exterior

Front Door

Components



- 1. Door trim
- 2. Door belt weatherstrip
- 3. Quadrant inner cover
- 4. Door screen
- 5. Door weatherstrip
- 6. Body weatherstrip
- 7. Door panel
 - 8. Door hinge

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BD-16

Replacements Door Trim Replacement

WNOTICE

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



- STDBD9012D
- 3. Loosen the door trim (A) mounting screws.
- 4. Release the clips that hold the door trim.



5. Remove the inside handle cage (A).



STDBD9014D

6. Disconnect the connectors (A) and (B).

(UL)



STDBD9015D

7. Installation is the reverse of removal.

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



STDBD9013D

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BD-17

Exterior

Inside Handle Replacement

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



STDBD9016D 3. Installation is the reverse of removal.

Glass Replacement

1. Remove the front door trim.

- Use 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 glass and scratch the glass surface.
- 2. 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)



STDBD9017L

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BD-18

3. Disconnect the connector (A)



STDBD9018D

4. 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.

Body (Interior and Exterior)

Speaker replacement

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



STDBD9020D

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

STDBD9019D

5. Installation is the reverse of removal.

WNOTICE

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

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BD-19

Exterior

Power Window Motor Replacement

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



STDBD9021D

3. Installation is the reverse of removal.

UNOTICE

- 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.

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Door Module Assembly Replacement

- 1. Remove the following parts.
 - Door trim
 - Window glass
- 2. Loosen the door channel mounting bolts, remove the door channel (A).





3. Disconnect the outside handle rod (A).

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STDBD9023D

021 62 99 92 92

BD-20

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

Tightening torque :

8.8~11.8 N.m (0.7~1.1 kgf.m, 6.5~8.7 lb-ft)



- STDBD0180N
- 5. Disconnect the door module wiring harness, remove the module assembly (A).



STDBD9025D

6. Installation is the reverse of removal.

MOTICE

- 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.

Body (Interior and Exterior)

Out Side Handle Replacement

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



STDBD0181N

2. Disconnect the connector (A).



STDBD9027D

Exterior

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



STDBD9028D

4. Installation is the reverse of removal.

• Make sure the door lock and open properly.





BD-21

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BD-22

Adjustment Glass Adjustment

- Check the glass run channel for damage or deterioration, and replace them as needed.
- 1. Remove the following parts:
 - Quadrant inner cover.
 - Door trim.
- 2. Carefully move the glass (A) until the glass mounting bolts are visible, then loosen them.

Body (Interior and Exterior)

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



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BD-23

Exterior

Door Position Adjustment

- After installing the door, check for a flush fit with the body, then check for equal gaps between the front, rear, and bottom, door edges and the body. Check that the door and body edges are parallel. Before adjusting, replace the mounting bolts.
- 1. Place the vehicle on a firm, level surface when adjusting the doors.
- 2. Adjust at the hinges (A):
 - Loosen the door mounting bolts (B) slightly, and move the door IN or OUT until it aligns flush with the body.
 - Loosen the hinge mounting bolts slightly, and move the door BACKWARD or FORWARD, UP or DOWN as necessary to equalize the gaps.
 - Place a shop towel on the jack to prevent damage to the door when adjusting the door.

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



STDBD9032D

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



STDBD9033L

STDBD9383L

5. Check for water leaks.

Body (Interior and Exterior)

Door Striker Adjustment

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

1. Loosen the screws (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.



Exterior

Sunroof

Components



- 1. Glass
- 2. Decoration cover
- 3. Drip link

- 4. Guide assembly
- 5. Drip rail
- 6. Sunshade

- 7. Defector
- 8. Motor
- 9. Set bracket

Replacements Glass Replacement

- Put on glove to protect your hands.
- 1. Remove the glass (A) by lifting it up, after removing bolts.

• Do not damage the roof panel.

ESBF170D

2. Installation is the reverse of removal.

Body (Interior and Exterior)

Motor Replacement

1. Remove the over head console.

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

Exterior

Deflector Replacement

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



STDBD0184N

4. Installation is the reverse of removal.

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BD-28

Sunroof Assembly Replacement

- 1. Remove the following parts.
 - Door scuff trim.
 - Front pillar trim.
 - Center pillar trim.
 - Rear pillar trim.
 - Headlining.
- 2. Disconnect the drain tube (C).

Body (Interior and Exterior)

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

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



STDBD9195D

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Exterior



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).

Guide Assembly Replacement

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



ASIE080I

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BD-30

Body (Interior and Exterior)

4. Installation is the reverse of removal.

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







Exterior

BD-31

Adjustment

How To Initialize

- 1. Check that the glass has been installed.
- Finished height adjustment.
- 2. Push and hold the up switch.
 - The slide moved 5mm forward after 15 seconds.



- Before moving the slide -



- After moving the slide -

ESQE171M

- 3. After moving the slide 5mm forward, turn OFF the switch and push the UP switch (Keeping on pushing the switch with continuous operation)
 - If the 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
 - Remove the overhead console
 - Push the emergency handle up into the hexagonal drive (A) of the sunroof motor. You must push hard enough to disengage the motor clutch; otherwise the emergency handle will slip due to incomplete fit in the motor.
 - Carefully turn the emergency handle clockwise to close the sunroof.
 - After closing the sunroof, wiggle the handle back and forth as you remove the tool from the motor, to ensure the motor clutch reengages.
 - A 5mm hex socket may be used in place of the emergency handle, with a" Speeder" type handle.

- Do not use power tools to operate the sunroof.
- Damage to the components may occur.



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Body (Interior and Exterior)

1. Push the inside rear view mirror base (A) up to

С

remove to inside rear view mirror assembly (C).

Inside Rear View Mirror Replacement

Mirror

Replacement

Outside Rear View Mirror Replacement

MOTICE

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



3. 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)

STDBD9385L

2. Installation is the reverse of removal.



STDBD9055D

4. Installation is the reverse of removal.

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Exterior

BD-33

3. Push the ECM mirror base up to remove the ECM **ECM Mirror Replacement** mirror assembly (B). 1. Gently detach the hook, then remove the ECM mirror cover (A). STDBD9056D В 2. Disconnect the connector (A). شر STDBD9194L 4. Installation is the reverse of removal. STDBD9057D

Body (Interior and Exterior)

Cowl Top Cover

Replacement

Cowl Top Cover Replacement

- 1. Remove the wiper.
- 2. Detach the clips, then remove the cowl top cover (A).





Interior

Interior

Console

Components



- 1. Console assembly
- 2. Ashtray
- 3. Console upper cover

- 4. Parking brake cover
- 5. Pad
- 6. Crash pad center side cover

BD-35

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STDBD8192D

Replacement Floor Console Replacement

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

STDBD9058D

STDBD9059D

- Put on gloves to protect your hands.
- 1. Disconnect the cover (A).

Body (Interior and Exterior)

3. Remove the parking brake cover (A).



A

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5. Installation is the reverse of removal.

Replace any damage clips.

• Make sure the connector is plugged in properly.

STDBD9060D

STDBD9061D

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



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Interior

Console Extenser Cover Replacement

1. Remove the cover (A).



STDBD9062D

2. Installation is the reverse of removal.




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BD-38

Body (Interior and Exterior)

Crash Pad

Components



STDBD0025D

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

- 4. Shroud lower cover
- 5. Crash pad lower panel
- 6. Reinforcing panel

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Interior

BD-39



- 1. Crash pad
- 2. Crash pad side cover
- 3. Side air vent
- 4. Cluster fascia panel
- 5. Center air vent
- 6. Center fascia panel

- 7. Audio assembly
- 8. Glove box
- 9. Glove box housing
- 10. Air bag module cover
- 11. Cluster
- 12. Center fascia upper cover
- 13. Cowl cross bar

BD-40

Replacement Cluster Fascia Replacement

- When prying with a flat-up screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Insert the Air Vent Remover (09840-1M100) into the air vent hole.



2. Air vent remover(09840-1M100(A)) should be aligned and hung at the end of air vent.



STDBD9374D

• To prevent the damage of air vent, air vent remover should be aligned and hung at the end of air vent.

Body (Interior and Exterior)

3. Remove the side air vent (B) with pulling the Air Vent Remover (A).



STDBD9381D

- 4. Set the air vent hole to the center with adjusting the knob.
- 5. Open the air vent with adjusting the knob.
- 6. Insert the Air Vent Remover (09840-1M100) into the air vent hole.



BD-41

021 62 99 92 92

Interior

7. Air vent remover (09840-1M100(A)) should be aligned and hung at the end of air vent.



STDBD9376D

STDBD9377D

8. Remove the center air vent (B) with pulling the Air Vent Remover (A).



10. Disconnect the connector.



STDBD0003D

11. Disconnect the heater control unit connector (A).



STDBD0004D

- 12. Tilt the steering column down.
- 9. After loosening the mounting screws, then remove the center fascia panel (A).



STDBD0002D

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BD-42

- 13. After removing the screws, remove the upper shroud cover (A).
- 14. After loosening the mounting screws, remove the cluster fascia panel (B).
- 15. Disconnect the connector (C).



STDBD9069D

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



STDBD9070D

Body (Interior and Exterior)

17. Disconnect the connector (A).



STDBD9071D

18. Installation is the reverse the removal.

WNOTICE

• Make sure the connector is plugged in properly.



021 62 99 92 92

BD-43

Interior

Center Fascia Panel Replacement

- When prying with a flat-up screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Set the air vent hole to the center with adjusting the knob.
- 2. Open the air vent with adjusting the knob.
- 3. Insert the Air Vent Remover (09840-1M100) into the air vent hole.

5. Remove the center air vent (B) with pulling the Air Vent Remover (A).



STDBD9377D

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



4. Air vent remover (09840-1M100(A)) should be aligned and hung at the end of air vent.



STDBD9376D

• To prevent the damage of air vent, air vent remover should be aligned and hung at the end of air vent.



STDBD0002D

7. Disconnect the connector.



STDBD0003D

8. Disconnect the heater control unit connector (A).

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BD-44



STDBD0004D

9. Installation is the reverse of removal.

Body (Interior and Exterior)

Lower Panel Replacement

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



STDBD9075D

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



STDBD9076D

3. Disconnect the connector (A) and (B).



STDBD9077D

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BD-45

Interior

4. Disconnect the connector (A).



STDBD9078D

5. Installation is the reverse of removal.

Audio Assembly Replacement

- 1. Remove the center fascia panel.
- 2. Disconnect the connectors.



STDBD0008D

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



STDBD0009D

4. Installation is the reverse of removal.

• Make sure the connector is plugged in properly.

BD-46

Glove Box Replacement

1. Crash pad side cover (A).



STDBD9081D

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



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



STDBD9083D

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



STDBD0185N

021 62 99 92 92

Interior

Crash Pad Replacement

- When prying with a flat-up screwdriver, wrap it with protective tape, and apply protective tape around the related parts, to prevent damage.
- Put on gloves to protect your hands.
- 1. Remove the following items :
 - Front seat
 - Cluster fascia panel, cluster
 - Audio assembly
 - Glove box
 - Crash pad side cover
 - Front pillar trim
- 2. Insert the air vent remover (09840-1M100) into the air vent hole.

3. Air vent remover (09840-1M100 (A)) should be aligned and hung at the end of air vent.



STDBD9374D

STDBD9382D

• To prevent the damage of air vent, air vent remover should be aligned and hung at the end of air vent.

4. Remove the side air vent (B) with pulling the air vent remover (A).

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STDBD9380D

BD-47

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BD-48

5. Disconnect the passenger's air bag connector (A). Loosen the bolts (B).



STDBD9086D

6. Remove the air bag module cover (A).



- **Body (Interior and Exterior)**
 - 8. Remove the photo sensor (A).



STDBD9089D

9. After loosening the mounting bolts and nuts, remove the crash pad (A).



STDBD9090L

STDBD9087D

7. Disconnect the connector (A).



STDBD9088D

10. Installation is the reverse of removal.

- 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.

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Interior

Cowl Cross Bar

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 (A).





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BD-50

10. Disconnect the connectors (A).



11. Disconnect the connectors (A).



STDBD9096D

STDBD9097D

Body (Interior and Exterior)

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



STDBD9098D

13. Installation is the reverse of removal.



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Interior

Roof Trim

Replacement

Roof Trim Replacement

A

2. Assist Handle

•

- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Put on gloves to protect your hands.
- 1. Sunvisor
 - Remove the sunvisor (A) and holder (B) from each side.

В

<u>)</u>

- 3. Overhead Console Lamp
 - Remove the screw.
 - Pull out the roof console (A).
 - Disconnect the connector (B).





Remove the covers (B), and remove the screws,

then remove the assist handle (A).

) and holder (B) from

STDBD9099D

STDBD9100D



B

021 62 99 92 92

BD-51

STDBD9101D

STDBD9102D

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BD-52

4. Lamp

Pull out the room lamp (B). •

Body (Interior and Exterior)

6. Disconnect the connector (A).



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Interior

8. Disconnect the connector (D).



9. Remove the roof trim (A).





STDBD9109D

10. Installation is the reverse of removal.

• Replace any damage clips.



021 62 99 92 92

BD-54

Body (Interior and Exterior)

Interior Trim

Components



STDBD0011D

- 1. Front pillar trim
- 2. Door scuff trim
- 3. Cowl side trim

- 4. Center pillar upper trim
- 5. Luggage side trim
- 7. Rear pillar trim

021 62 99 92 92

Interior

BD-55

Replacement Door Scuff Trim Replacement

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

2. Installation is the reverse of removal.

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Front Pillar Trim Replacement

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

STDBD0012L

- 2. Installation is the reverse of removal.
 - **WNOTICE** Replace any damage clips.

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BD-56

Center Pillar Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdriver, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the door scuff trim.
- 2. Remove the luggage side trim.
- 3. After loosening the mounting screw, then remove the center upper pillar trim (B).

Body (Interior and Exterior)

Rear Pillar Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdrivers, 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. After loosening the mounting screw, then remove the rear pillar trim (B).



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BD-57

Interior

Package Tray Trim Replacement

- Put on gloves to protect your hands.
- When prying with a flat-tip screwdrivers, wrap it with protective tape to prevent damage.
- Take care not to bend or scratch the trim and panels.
- 1. Remove the rear seat assembly.
- 2. Remove the door scuff trim.
- 3. After loosening the mounting cilps, then remove the luggage side trim (A).



4. After loosening the mounting screw, then remove the rear pillar trim (B).



STDBD0014L

5. After loosening the mounting clips, then remove the package tray trim (A).



STDBD0017D

6. Installation is the reverse of removal.



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BD-58

Trunk Trim Replacement

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

Body (Interior and Exterior)

- 1. Remove the trunk lid trim
- 2. Installation is the reverse of removal.

Replace any damage clips.



STDBD0015L

- 1. Luggage side trim
- 2. Transverse trim

3. Package tray trim

Interior

Windshield Glass

Components



1. Windshield molding

2. Windshield glass

021 62 99 92 92

BD-59

STDBD9174D

BD-60

Replacement

Removal

- Put on gloves to protect your hands.
- Use seat covers to avoid damaging any surfaces.
- 1. Remove the following items.
 - ٠ Front pillar trim, both sides.
 - Windshield wiper arms and cowl cover (Refer to ٠ page BE-"Windshield wiper").
- 2. Remove the windshield glass molding (A) from the edge of the windshield (B). If necessary, cut the molding with a utility knife.
- 3. Remove the spacer.

Body (Interior and Exterior)

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



BD-61

021 62 99 92 92

Interior

Installtion

- 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:
 - Do not scrape down to the painted surface of the body; damaged paint will interfere with proper bonding.
 - Remove the rubber dam and fasteners from the body.
 - Mask off surrounding surfaces before painting.
- 2. Clean the bonding surface with a sponge dampened in alcohol. After cleaning, keep oil, grease and water from getting on the clean surface.
- 3. Apply the glass primer (A) to the side of the windshield glass edge and stick the both-sided adhesive tape on the inside of molding (B).
- When attaching the molding, make it in line (D) with the windshield glass and attach the windshield glass pad (E) to the designated place.







ASIE070E

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



ASIE070F

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

'//////// : Primer



STDBD9387L

021 62 99 92 92

BD-62

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

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

Body (Interior and Exterior)

9. 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.



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BD-63

Interior

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



ASIE070J

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

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- 12. Let the adhesive dry for at least one hour, then spray water over the windshield and check for leaks. Make leaking areas, and let the windshield dry, then seal with sealant:
 - Let the vehicle stand for at least four hours after windshield installation. If the vehicle has to be used within the first four, it must be driven slowly.
 - Keep the windshield dry for the first hour after installation.
- 13. Reinstall all remaining removed parts. Install the rearview mirror after the adhesive has dried thoroughly. Advise the customer not to do the following things for two the three days:
 - Slam the door with all the windows rolled up.
 - Twist the body excessively (such as when going in and out of driveways at an angle or driving over rough, uneven roads)



BD-64

Body (Interior and Exterior)

Bumper

Front Bumper

Components



STDBD9175D

1. Front bumper cover

2. Radiaitor grill

3. Front bumper side bracket

Bumper

021 62 99 92 92



- 1. Front bumper cover
- 2. Bumper lip
- 3. Radiaitor grill
- 4. License molding

- 5. Liensens molding
- 6. Energy absorber
- 7. Center mesh
- 8. Fog lamp
- 9. Fog lamp cap

021 62 99 92 92

BD-66

Replacement

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



- Body (Interior and Exterior)
 - 4. Remove the front bumper cover (A).



STDBD9117D

5. Installation is the reverse of removal.



- 2. Remove the bolts and clips.
- 3. Disconnect the fog lamp connector (A).



STDBD9114D

STDBD9116D

Bumper

Rear Bumper

Components



1. Rear bumper cover

2. Rear bumper rail

3. Rear bumper mounting bracket

BD-67

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BD-68

Body (Interior and Exterior)



STDBD9191D

- 1. Rear bumper cover
- 2. Rear bumper rail
- 3. Rear bumper center cover

- 4. Wiring
- 5. Energy absorber
- 6. Liensens lamp

BD-69

021 62 99 92 92

Bumper

Replacement

WNOTICE

- After remove the rear combination lamp.
- When prying with a flat-tip screwdriver, wrap it with protective tape, and apply protective tape around the related parts your hands.
- Put on gloves to protect your hands.
- Take care not bend or scratch the cover and other parts.
- 1. Remove the transverse trim.
- 2. Remove the luggage side trim.
- Remove the rear combination lamp mounting cover (A).

4. Remove the mounting nuts.



STDBD9119D

- 5. Disconnect the connector (B).
- 6. Remove the rear combination lamp (A).

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STDBD9120D

7. Remove the side mounting screw.

Α



STDBD9121D

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021 62 99 92 92

BD-70

8. Remove the mounting bolts.



9. Disconnect the connector (A).

Body (Interior and Exterior)

- 10. Loosen the rear bumper cover screws and clips.
- 11. Remove the rear bumper cover (A).



STDBD9124D

12. Installation is the reverse of removal.

NOTICEReplace any damage clips.



STDBD9122D

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BD-71

Seat & Power Seat

Seat & Power Seat

Front Seat

Replacement

Seat Assembly Replacement

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





STDBD9125D



STDBD0019D

Passenger`s



STDBD9127D

3. Installation is the reverse of removal.

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.

BD-72

Recliner Cover Replacement

1. Remove the height adjuster knob (B) and recliner knob (A).



STDBD9128D

2. Loosen the recliner mounting screw and clip, remove the recliner cover (A).

Body (Interior and Exterior)

Seat Back Cover Replacement

- 1. Remove front seat assembly.
- 2. Remove the headrest.
- 3. After loosening the mounting bolts, then disconnect the seat back (A) and seat cushion (B).



STDBD9130L



STDBD9129D

3. Installation is the reverse of removal.

BD-73

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Seat & Power Seat

4. Disconnect the connector (A) and (B).



5. Remove the seat back cover (A).





STDBD9133D

8. After removing the hogring clip on the front of seat cushion and remove the seat cushion cover (A).

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STDBD9131D

STDBD0020D

6. Disconnect the protector (A) from the seat back fram.



STDBD0021D

STDBD9134D

9. Installation is the reverse of removal.

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BD-74

Seat Cushion Cover Replacement

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



STDBD9135D

STDBD9131D

4. Disconnect the connector (A) and (B).

Body (Interior and Exterior)

5. After disconnect the protector (A), then remove the seat cushion (B).



STDBD9136L

STDBD9137L

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

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Seat & Power Seat

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



STDBD9138D

8. Installation is the reverse of removal.

Seat Frame Replacement

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

MOTICE

- 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)

STDBD9140D

3. Installation is the reverse of removal.

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BD-76

Seat Cushion Heater Replacement

- 1. Remove the seat cushion cover.
- 2. Cut the heater (B) attached to the pad (A), as shown in the picture.

• Take care not to damage the slave sponge.



STDBD9141D

- 3. Install the seat cushion cover.
 - Detach the paper from the back of the heater assembly.
 - Attach the heater to the main part of the sponge.

Be sure to match the heater with main appearance.

Body (Interior and Exterior)

Seat Back Heater Replacement

- 1. Remove the seat back cover.
- 2. Cut the heater (B) attached to the pad (A), as shown in the picture.

• Take care not to damage the slave sponge.



STDBD9142D

- 3. Install the seat back cover.
 - Detach the paper from the back of the heater assembly.
 - Attach the heater to the main part of the sponge.

• Be sure to match the heater with main appearance.

Seat & Power Seat

Rear Seat

Components



1. Rear seat back

2. Rear seat cushion

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BD-77

021 62 99 92 92

BD-78

Body (Interior and Exterior)

Replacement

Rear Seat Assembly Replacement

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



STDBD0022D

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



STDBD0023D

3. Installation is the reverse of removal.

Seat Belt

Seat Belt

Front Seat Belt

Components



- 1. Front seat belt
- 2. Rear seat belt

- 3. Rear center seat buckle
- 4. Rear center seat belt

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BD-79

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BD-80

Replacement Front Seat Belt Replacement

- When installing the belt, make sure not to damage the pretensioner.
- 1. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
- 2. Remove the following items fist.
 - Front seat assembly. ٠
 - Door scuff trim. ٠
- 3. After raise the lower anchor cover (A), loosen the lower anchor mounting bolt (B).

Tightening torque :





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5. Remove the center pillar upper trim (B).

Body (Interior and Exterior)



STDBD9146D

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)

STDBD9144D

4. Remove the center pillar lower trim (A).



STDBD9145D

STDBD9147D

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Seat Belt

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



8. Installation is the reverse of removal.

Height Adjuster Replacement

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

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



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BD-82

Body (Interior and Exterior)

Front Seat Belt Buckle Replacement

- 1. Remove the following items first.
 - 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 (4.0~5.5kgf.m, 28.9~39.8lb-ft)



Seat Belt

Rear Seat Belt

Replacement

Seat Belt Relacement

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

Tightening torque :

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

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

Tightening torque :

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39.2~53.9 N.m (4.0~5.5kgf.m, 28.9~39.8lb-ft)
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6. Installation is the reverse of removal.



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STDBD9152D

STDBD9151D

3. Remove the rear pillar trim (A).

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BD-83



STDBD9153D