

SEAT**7410-01/7430-01****INDEX****SEAT****OVERVIEW AND OPERATION
PROCESS**

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REMOVAL AND INSTALLATION

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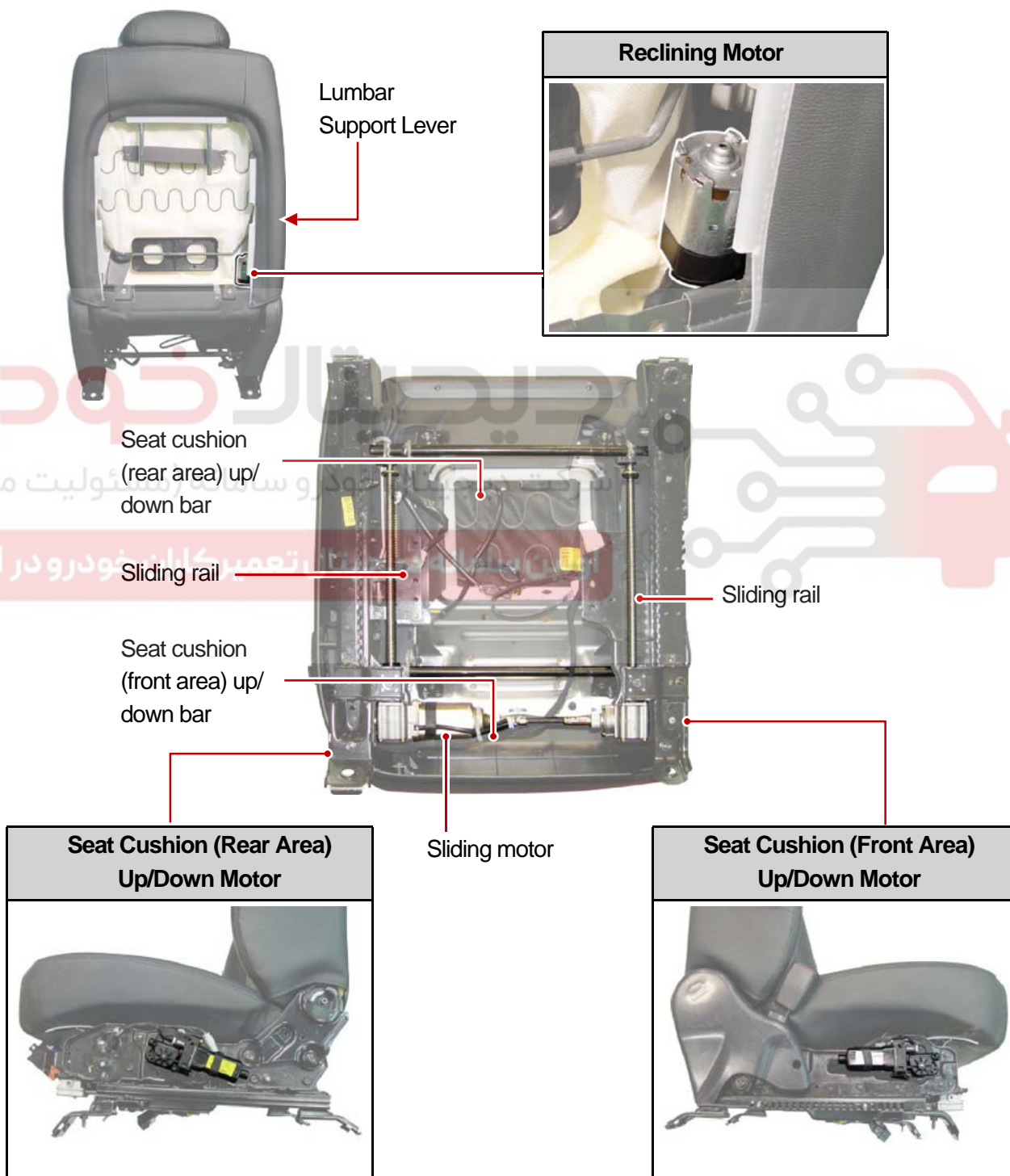


دیجیتال خودرو

شرکت دیجیتال خودرو سامانه (مسئولیت محدود)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



SEAT**7410-01****OVERVIEW AND OPERATION PROCESS****1. COMPOSITION OF SEAT****1) Front Seat****(1) Driver Seat**

Modification basis	
Application basis	
Allocated VIN	

SEAT

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(2) Passenger Seat**Reclining Motor**

دیجیتال خودرو

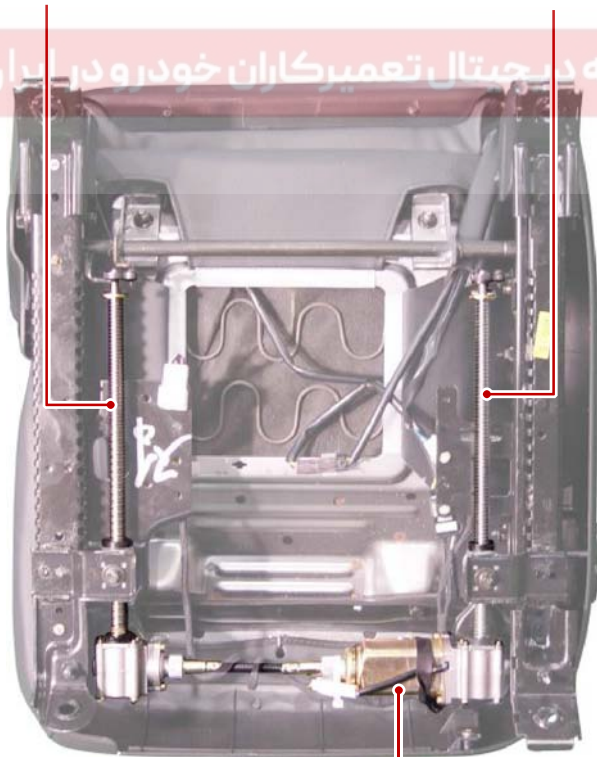
شرکت دیجیتال خودرو سامانه (مسئول تولید)

اولین سامانه دیجیتال تعمیرکاران خودرو در ایران



Sliding rail

Sliding rail



Sliding motor

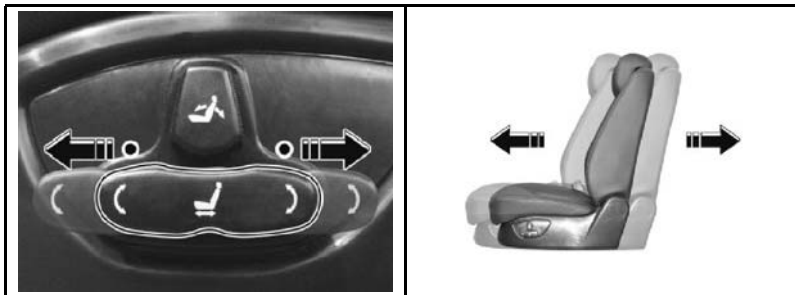
Power Seat Switch

Reclining Switch

Sliding lever
(No seat height control function)

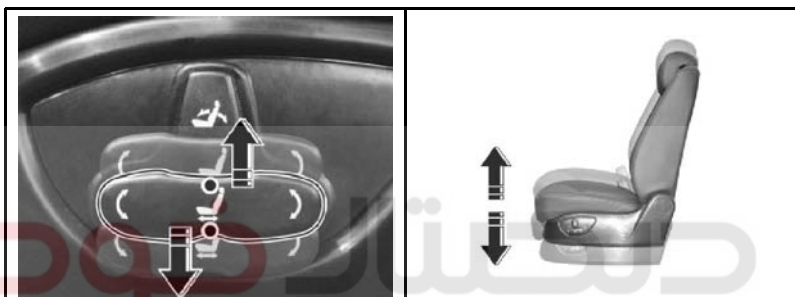
2. FUNCTIONS OF SEAT

1) Switches and Functions of Driver Seat



* Driver and passenger seats

1. Seat Sliding Adjustment
When sliding the switch forward or rearward, the seat slides forward or rearward by the sliding motor.



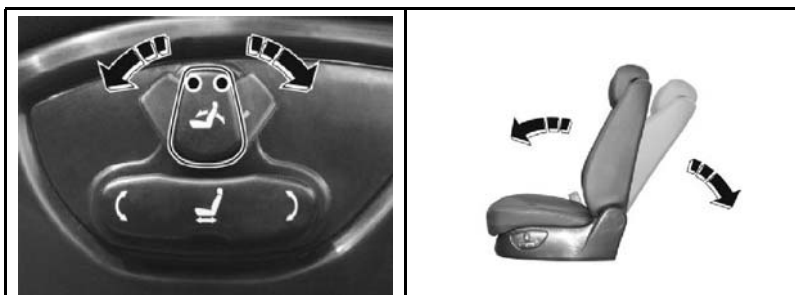
* Only for driver seat

2. Seat Cushion Height Adjustment
When moving the center of the switch up or down, the whole seat cushion moves up or down.



* Only for driver seat

3. Seat Cushion Angle Adjustment
When moving the front side of the seat cushion switch up or down, the front side of the seat cushion moves up or down. When moving the rear side of the switch up or down, the rear side of the seat cushion moves up or down.



* Driver and passenger seats

4. Seatback Reclining Adjustment
When moving the upper side of the reclining switch forward or rearward, the seatback moves forward or rearward by the motor.

Modification basis	
Application basis	
Allocated VIN	

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2) Rear Seat



Headrest Height Adjustment



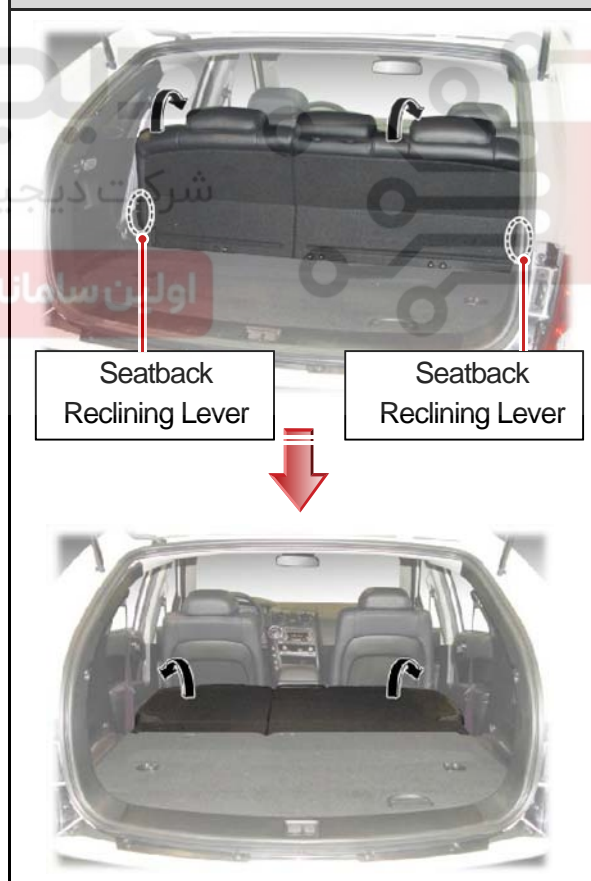
To raise the headrest, pull it up without pressing the release button. To lower the headrest, press the release button (1) on top of seatback and push the headrest down.

Seatback Reclining Adjustment



To change the seatback angle, push the lever rearward. Then, release the lever at the desired position. The seat is locked at the position.

Full Flatting the Seat



3) How To Operate Seat Warmer

► Operating condition

Turn the ignition key to the "ON" position and start the engine.

If the cranking signal is inputted, the seat warmer stops working during cranking.

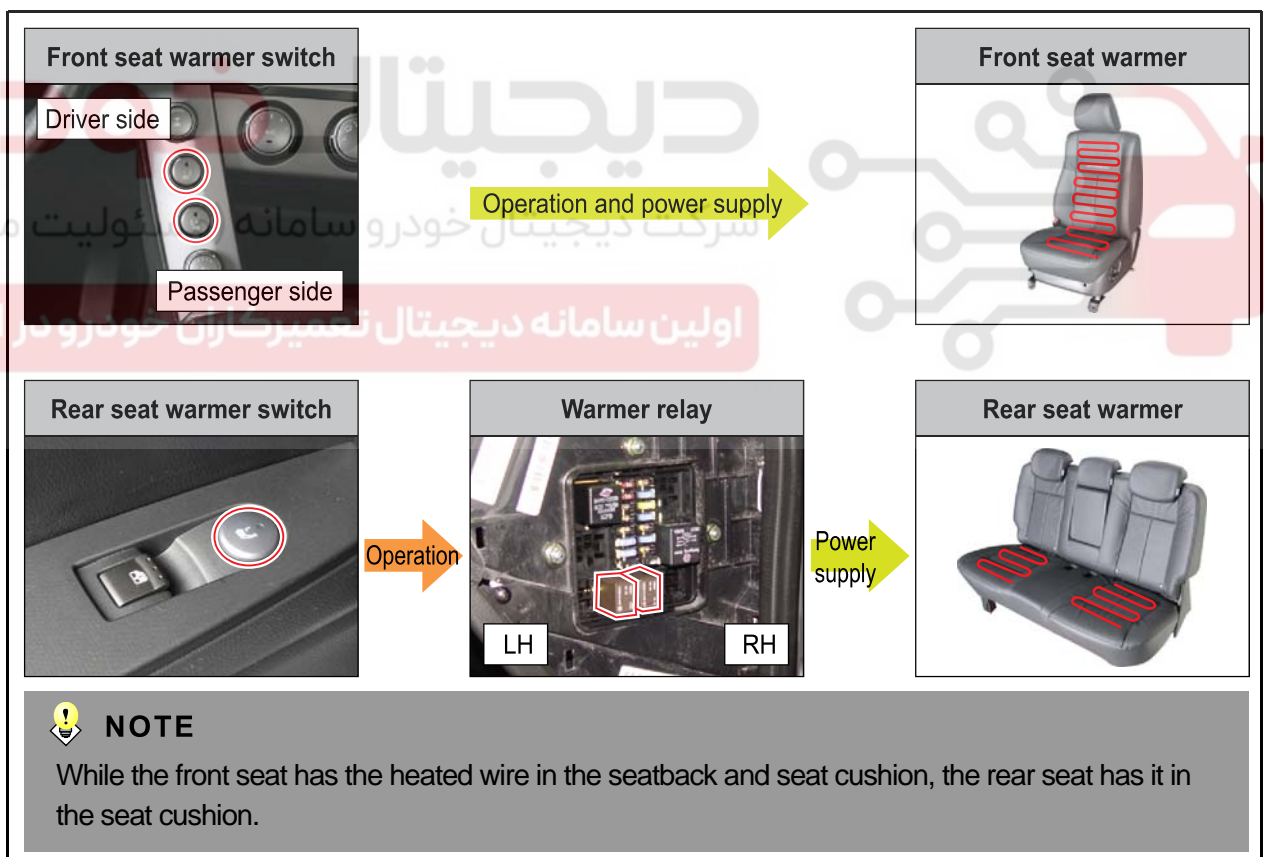
► Operation description

When pressing the seat warmer switch for the driver and/or front passenger seat with IGN ON, the seat warmer operates. Press the switch again to stop the seat warmer.

► Operation procedures

When pressing the front seat warmer switch located to the center fascia panel, the power is supplied to that front seat warmer via the switch.

When pressing the rear seat warmer switches located to the rear left/right door trims, that seat warmer relay supplies the power to the rear seat warmer.



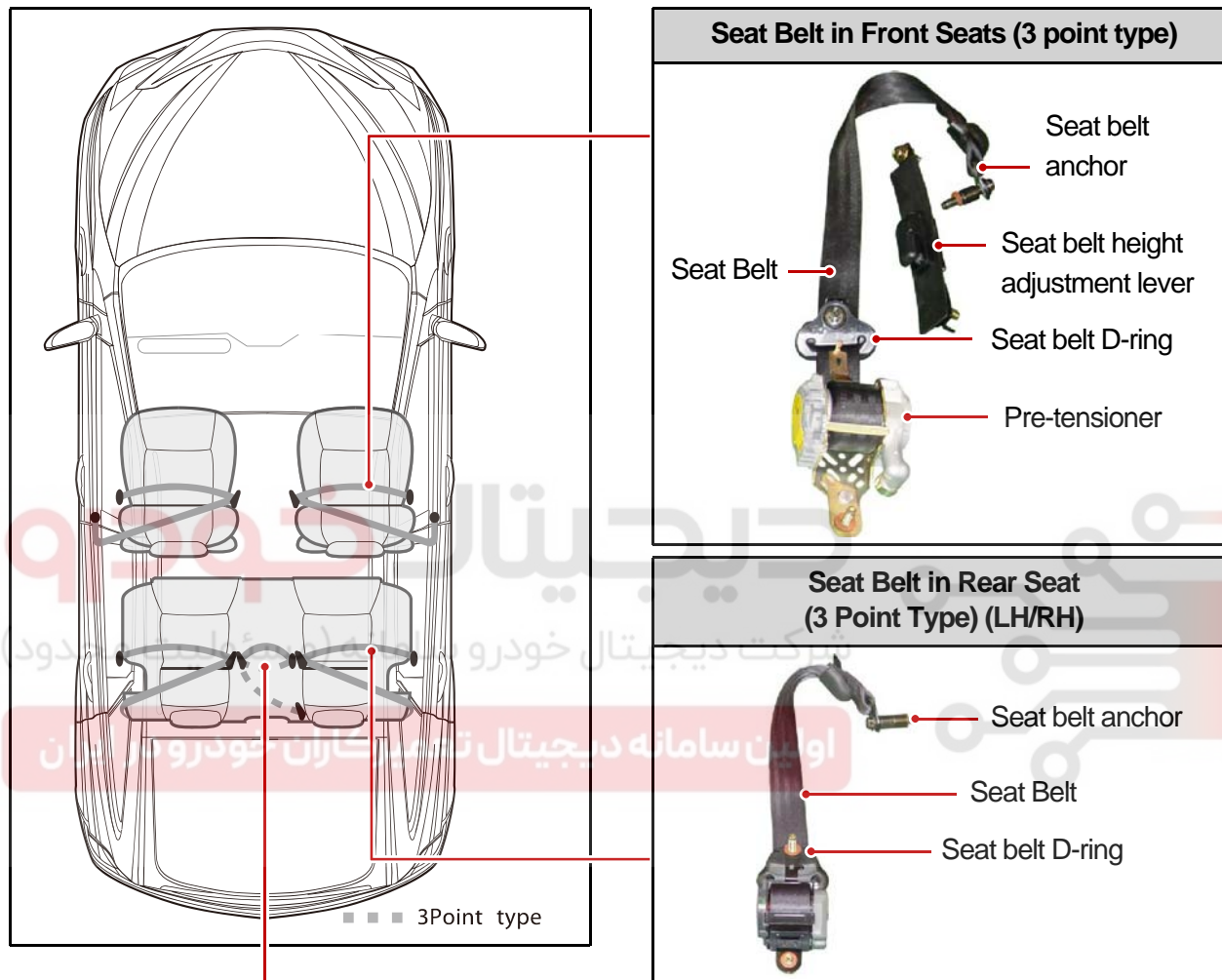
Modification basis	
Application basis	
Allocated VIN	

3. COMPONENTS OF SEAT BELT

3 Point Type seat belt: Driver, Passenger seat, Rear side and Rear Center

2 Point Type seat belt: Rear Center

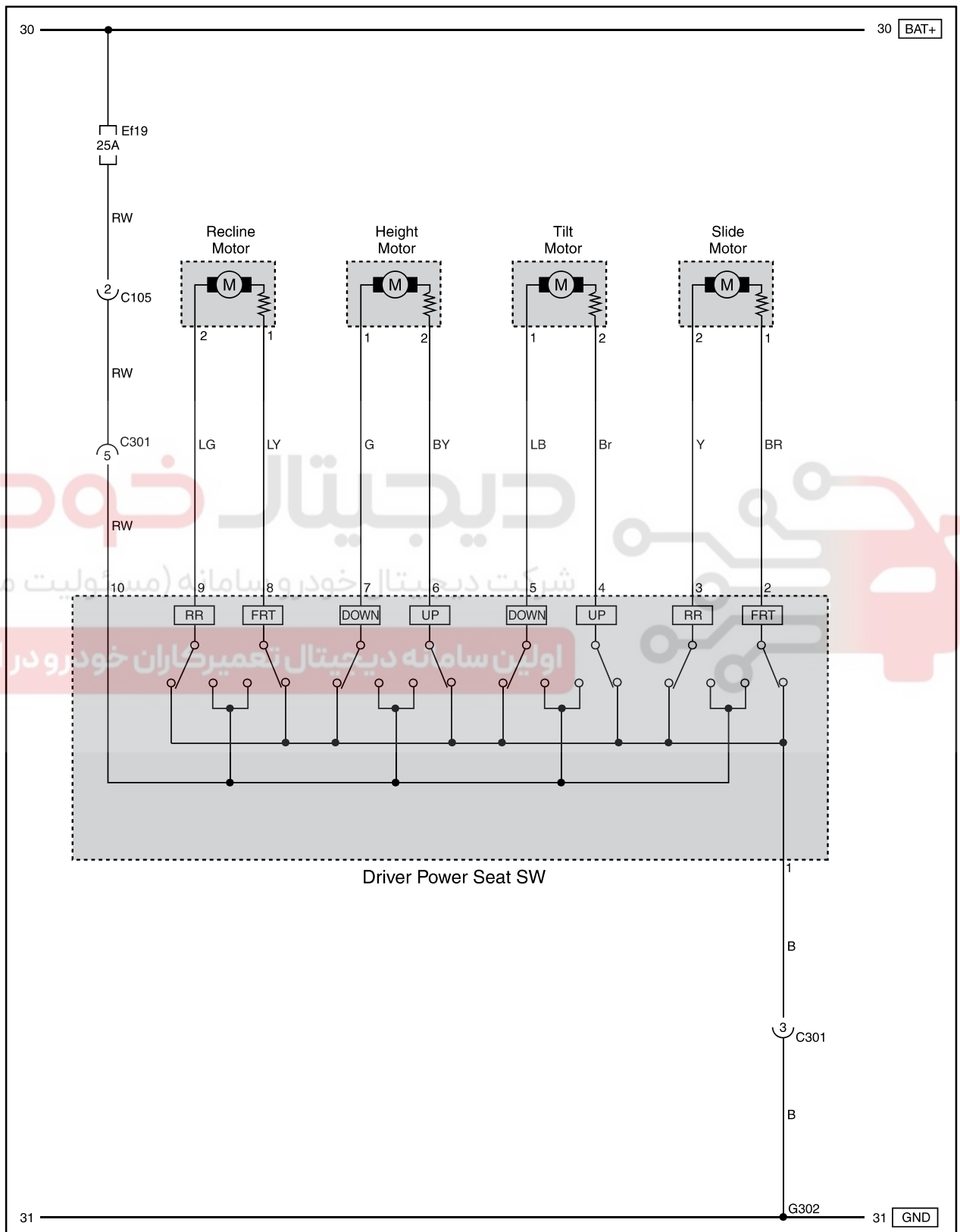
Pretensioner: Installed at front seats. The seat belt pretensioner rewinds the seat belt immediately to protect occupant's head and chest when a frontal collision occurs.



Seat Belt in Rear Seat (2Point Type-Center)		Seat Belt in Rear Seat (3Point Type-Center)	
Rear-Center-LH	Rear-Center-RH	Rear-Center-LH	Rear-Center-RH
<p>Buckle of 3-point type seat belt</p> <p>Buckle of 2-point type seat belt</p>	<p>Buckle of 3-point type seat belt</p> <p>2-point type seat belt</p>	<p>Buckle for rear side</p> <p>Buckle for 3-point rear center</p>	<p>Buckle for 3-point rear center</p> <p>Buckle for 3-point rear side</p>

4. CIRCUIT DIAGRAM

1) Power Seat - Driver

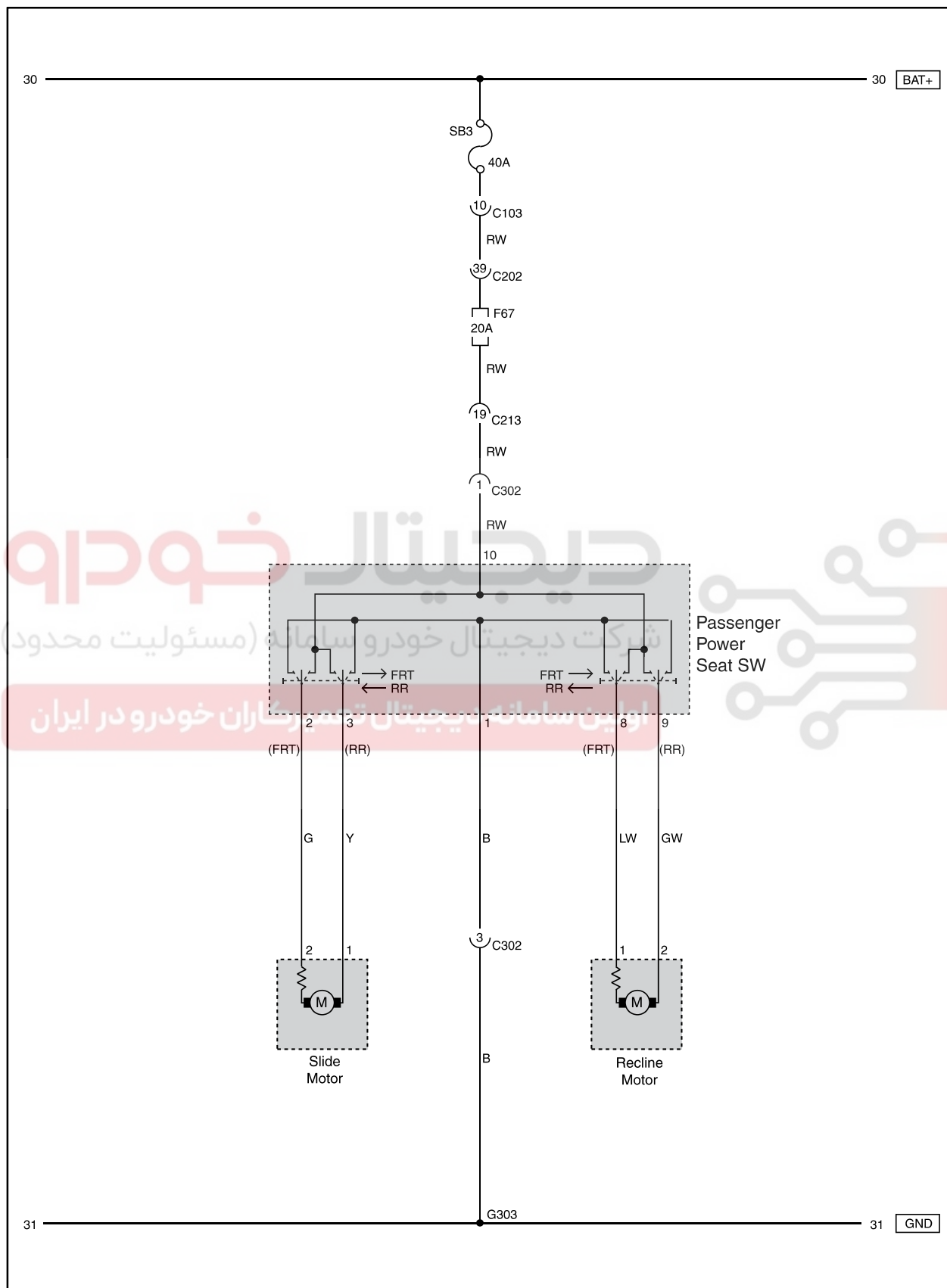


Modification basis	
Application basis	
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2) Power Seat - Passenger



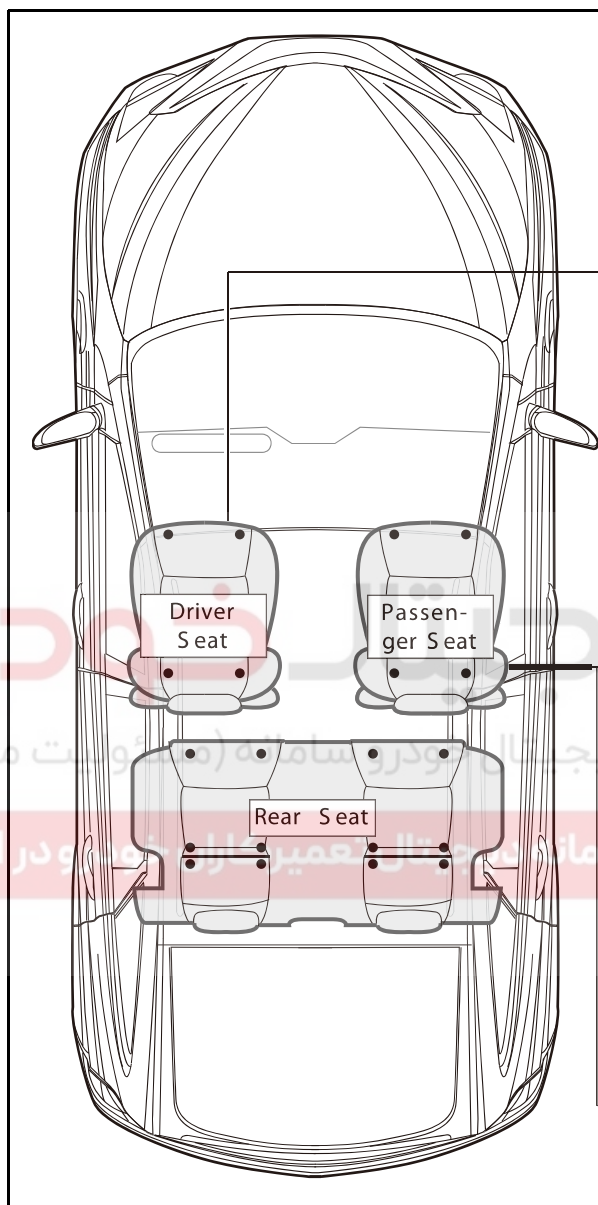
SEAT

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Modification basis	
Application basis	
Affected VIN	021 62 99 92 92

REMOVAL AND INSTALLATION

7410-01 SEAT MOUNTING POINTS



1) Front Seat

1. Driver seat mounting point

Tightening torque 35 ~ 55 Nm



2. Passenger seat mounting point

Tightening torque 35 ~ 55 Nm



Modification basis	
Application basis	
Allocated VIN	

SEAT

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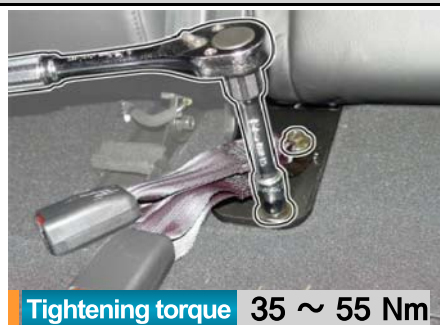
2) Rear Seat

Seatback (Rear No.2)



Tightening torque 35 ~ 55 Nm

Seatback (Rear No.1), Rear side



Tightening torque 35 ~ 55 Nm

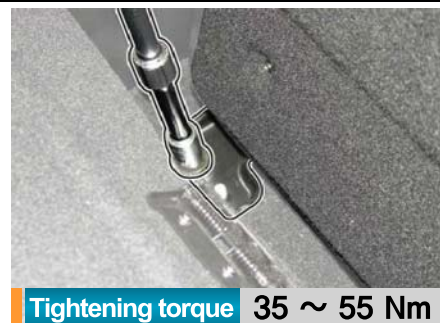


Rear Seat



Tightening torque 35 ~ 55 Nm

Seatback (Rear No.1), Front side



Tightening torque 35 ~ 55 Nm

S.G.N.

7410-01 SEAT ASSEMBLY

1) Front Seats (Driver and Passenger Seats)

- The driver seat and the passenger seat can be removed with the same manner.

CAUTION

To remove the bolt cap, insert a flat blade screw driver into the slot and pry the bolt cap off.



1. Move the seat rearward as far as possible.

Remove the bolt cap and unscrew the mounting bolts at both sides.

2. Move the seat forward as far as possible.

Remove the bolt cap and unscrew the mounting bolts at both sides.

Tightening torque 35 ~ 55 Nm



Tightening torque 35 ~ 55 Nm



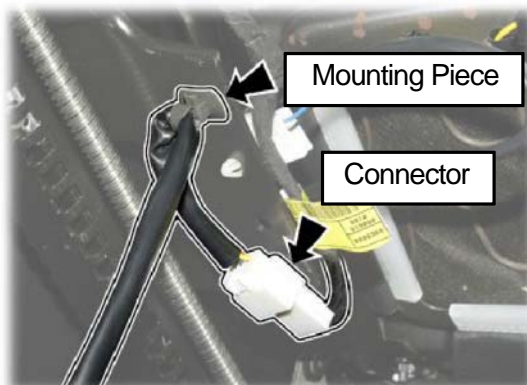
Modification basis	
Application basis	
Allocated VIN	

SEAT

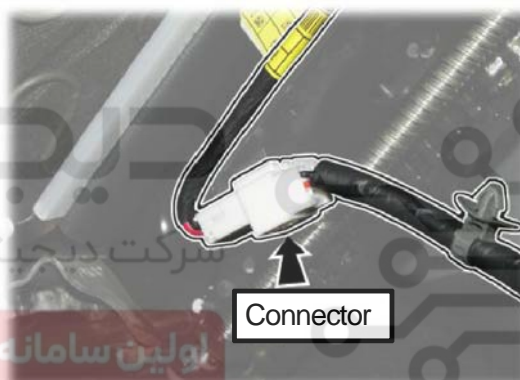
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3. Lay down the seatback and disconnect the connector under the seat and then remove the seat assembly.

Driver Seat



Passenger Seat



Driver and Passenger Seats

When installing, make sure to follow the specified torque and fit it into the mounting hole.

Driver Seat



Passenger Seat



2) Rear Seat

1. Slide the front seats forward and remove the seat mounting bolt caps and two mounting nuts.

Tightening torque 35 ~ 55 Nm



2. Unscrew the seat mounting bolts and remove the seat cushion while sliding it toward the seatback. At this moment, the seat cushion should be out of the mounting holes.

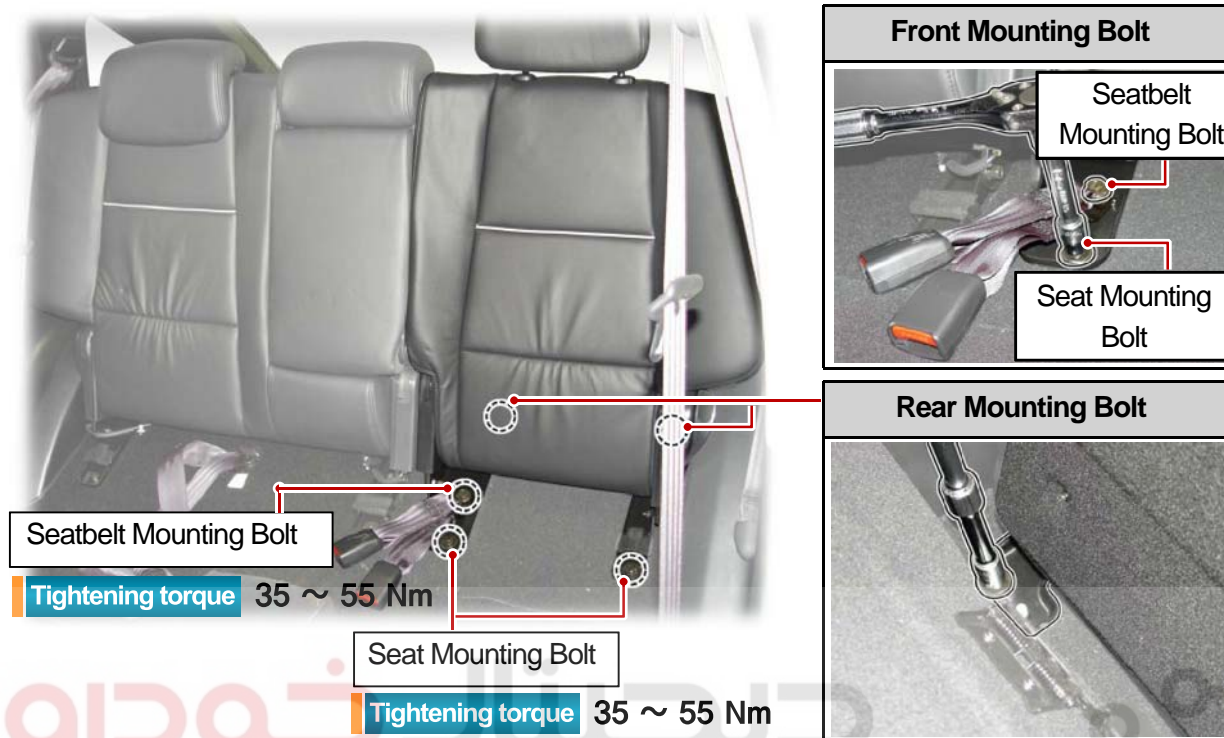


Modification basis	
Application basis	
Allocated VIN	

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3. Remove the seat mounting bolts of the rear left seatback and the seatbelt mounting bolt with the rear seat cushion removed. Then, remove the rear left seatback.



4. Remove the rear right seatback mounting bolts with the rear seat cushion removed and remove the seatback.



Composition of Rear Seat

Install the rear seat in the reverse order or removal. Also, make sure to fit the seat into the mounting holes and tighten the mounting bolts with the specified tightening torque.



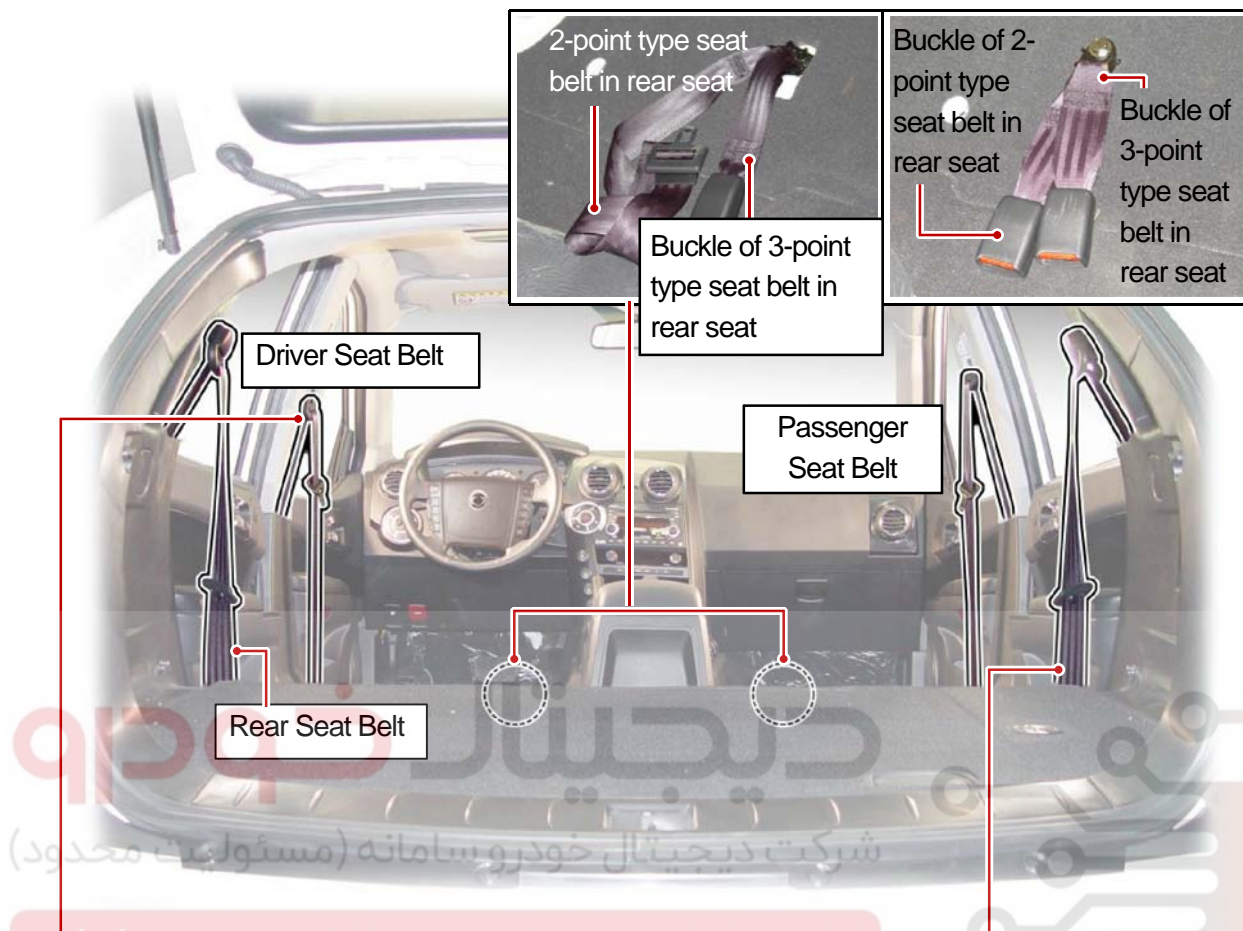
Modification basis	
Application basis	
Allocated VIN	

SEAT

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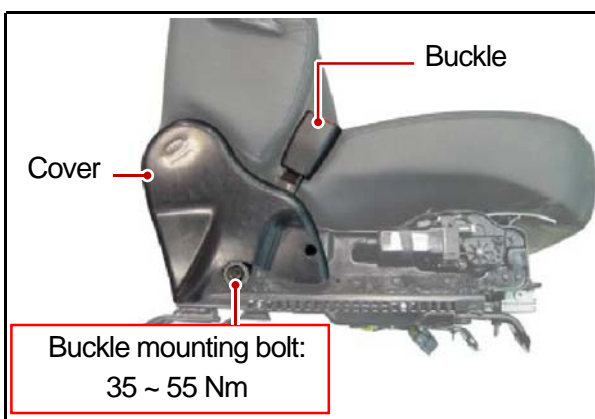
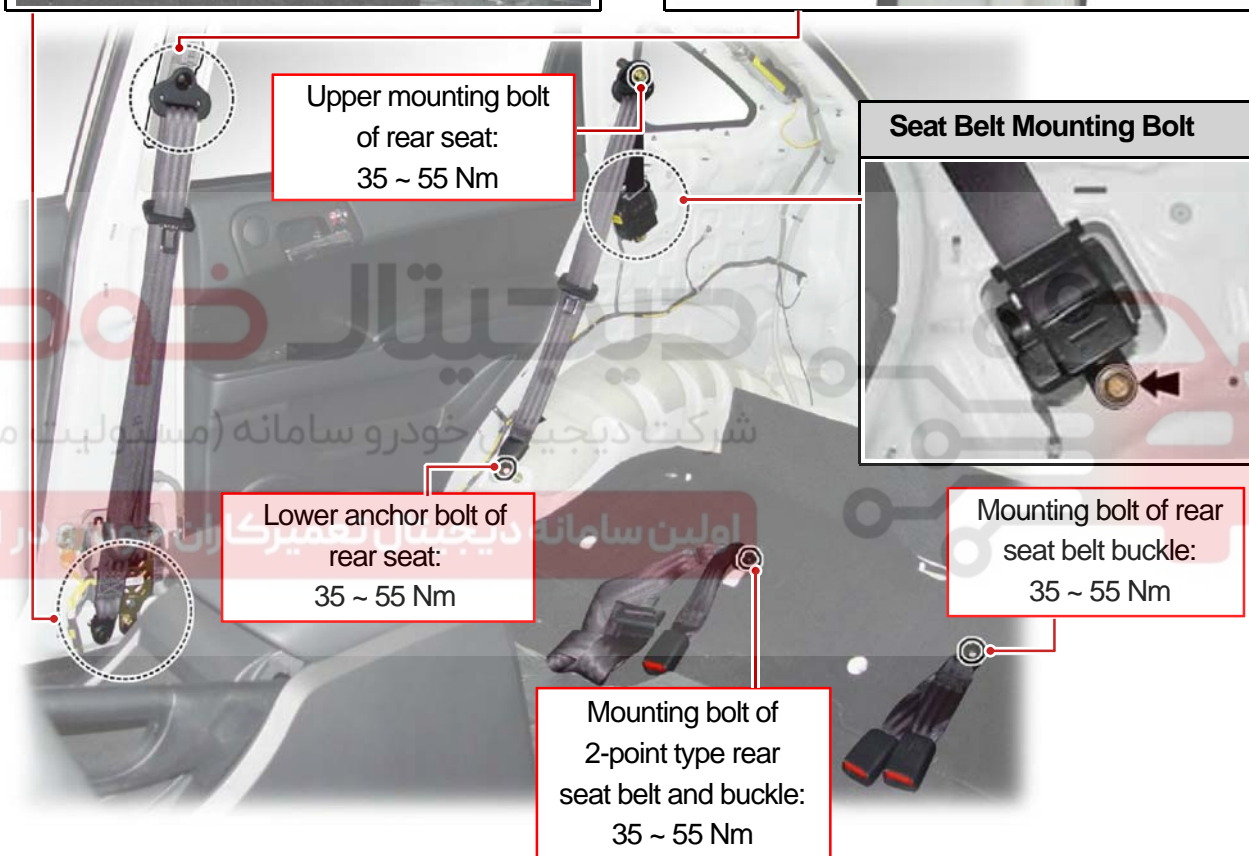
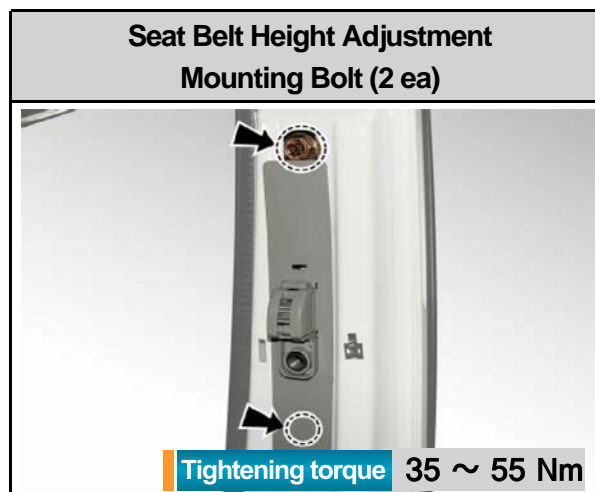
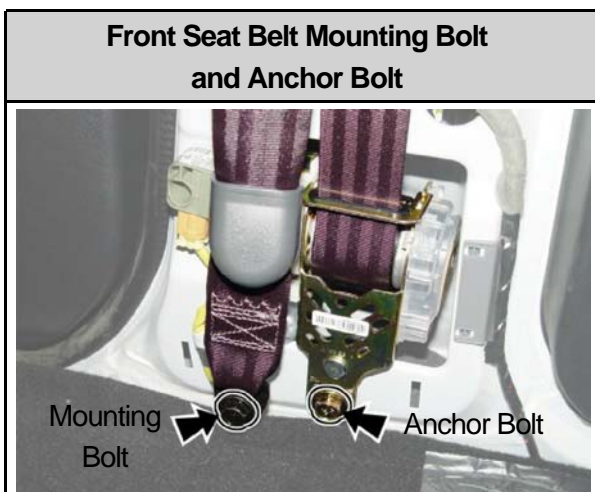
7430-01 SEAT BELT



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Modification basis	
Application basis	
Affected VIN	021 62 99 92 92



► **Fixed Type Buckle (Front Seats)**

It is installed in the front seats and can be removed after removing the cover.

Modification basis	
Application basis	
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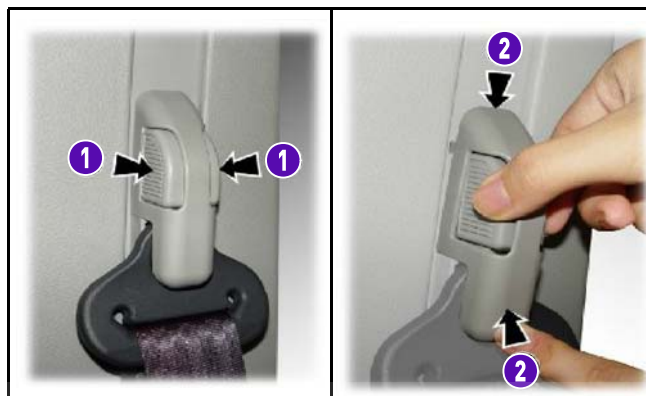
1) Front Seat Belt

Preceding work

1. Removal of front seat

1. Remove the seat belt D-ring cover.

1) Press both sides of button (1) and push the bottom of D-ring cover (arrow) to release the upper hook (2).



2) Raise the arrow section and remove the D-ring cover.



2. Open the bolt cover and unscrew the seat belt anchor bolt. Remove the B pillar (lower).



⚠ CAUTION

In order not to damage the D-ring cover, be sure to observe the above procedures.

SEAT

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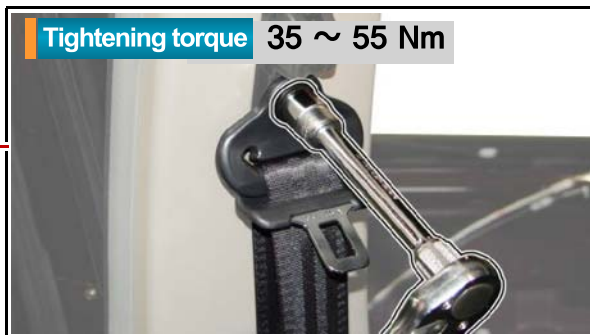
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Modification basis	
Application basis	
Affected VIN	021 62 99 92 92

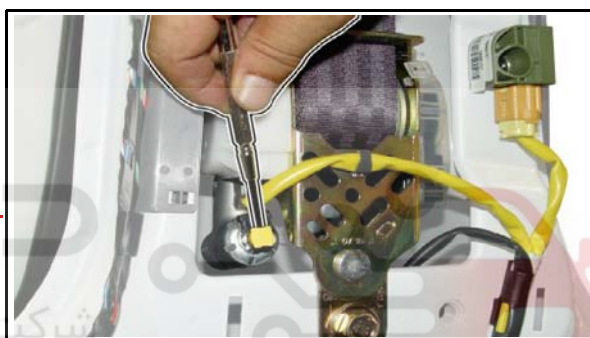


3. Unscrew the seat belt upper mounting bolt from the height adjuster and carefully lay down the seat belt.

Tightening torque 35 ~ 55 Nm



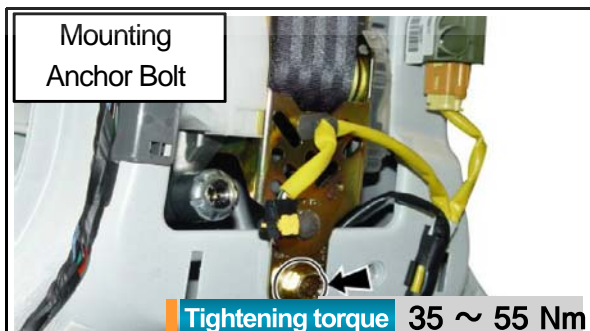
4. Remove the B pillar (lower) trim and disconnect the pretensioner connector.



5. Carefully lay down the seat belt and unscrew the mounting screws and bolts to remove the seat belt.



Mounting
Anchor Bolt



Tightening torque 35 ~ 55 Nm

Mounting Screw



Modification basis	
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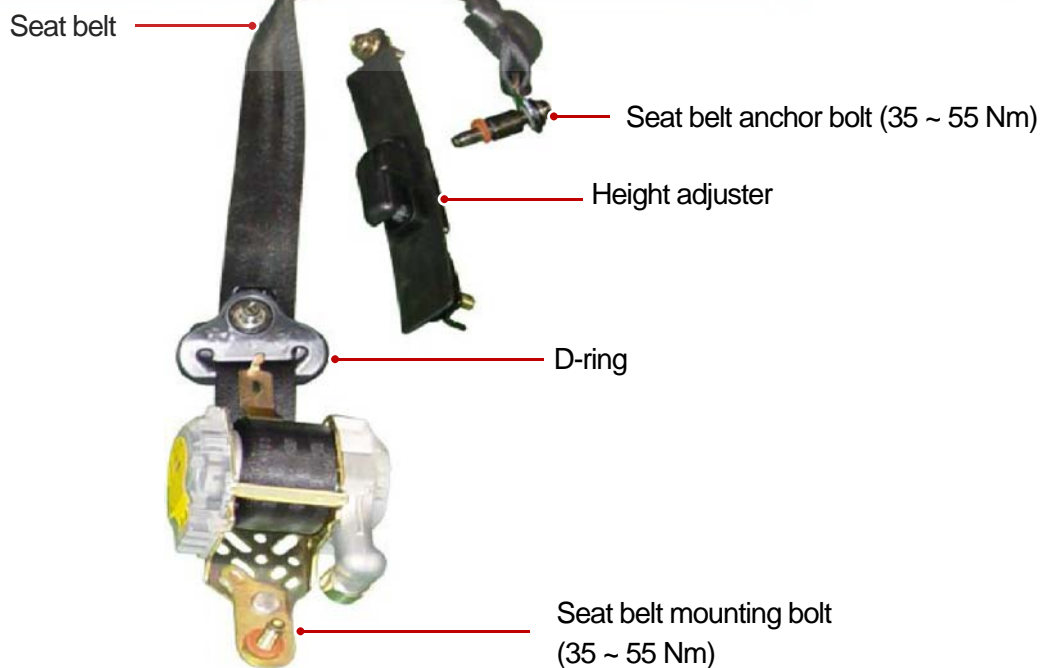
6. Unscrew the mounting screws and remove the B pillar (upper).



7. Unscrew the mounting bolts and remove the height adjuster.

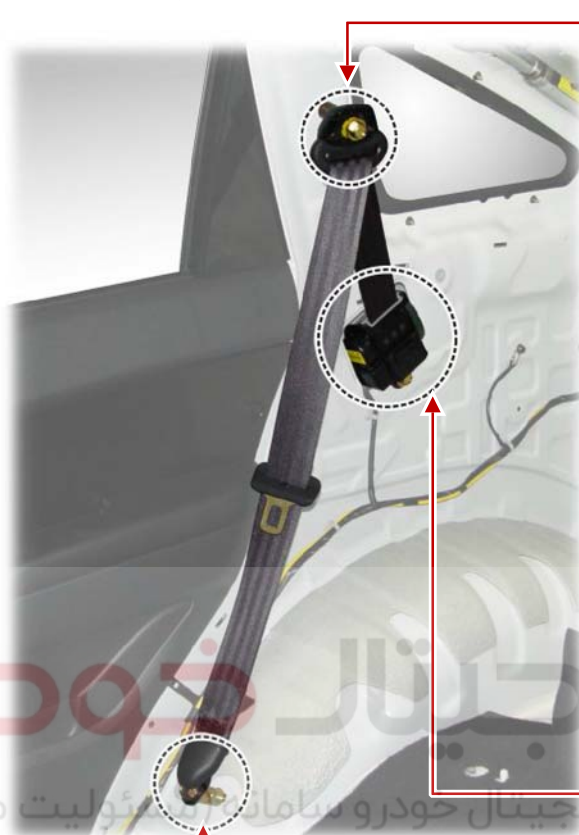
Tightening torque 35 ~ 55 Nm

Composition of Front Seat Belt

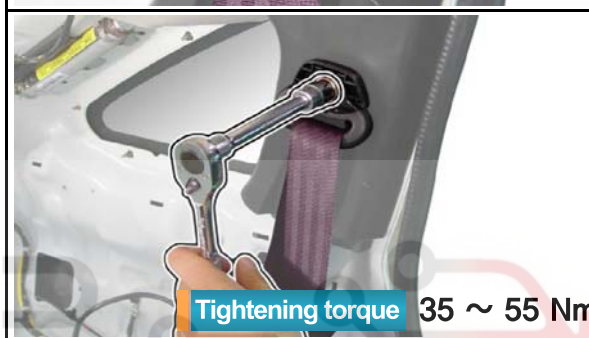


2) Rear Seat Belt

Preceding work 1. Removal of rear seat



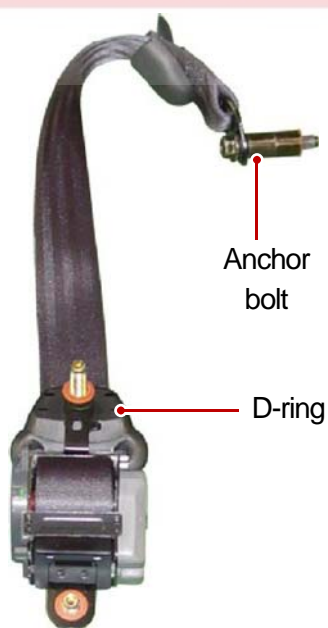
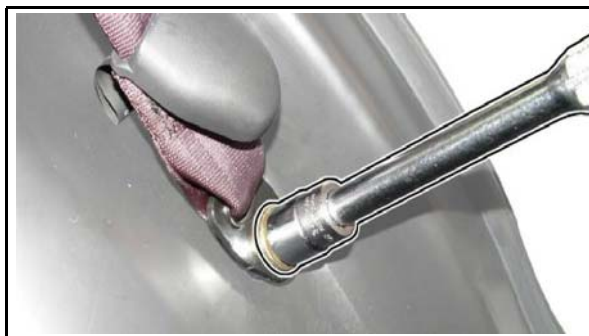
1. Open the bolt cover and unscrew the upper mounting bolt



2. Remove the rear quarter panel and unscrew the guide pin screw and mounting bolts to remove the seat belt.



3. Unscrew the lower anchor bolt of the rear seat belt.



Modification basis	
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Memo

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