

Component Procedures: Seat Belt Tensioner

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Component Procedures: Seat Belt Tensioner

Parts and Labor (itype_189)

Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Seat Belt > Pretensioner, R&R > Front > Left	B	0.4	0.0
Remove & Replace	Seat Belt > Pretensioner, R&R > Front > Right	B	0.4	0.0

Emergency Fastening Device (EFD) - Description and Operation (Article 44941)

- Description

Never measure the resistance of the anchor pretensioner directly, the current of the measuring device may cause unexpected airbag deploy.



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Seat Belt Pretensioner (BPT) - Description and Operation (Article 44938)

- Description

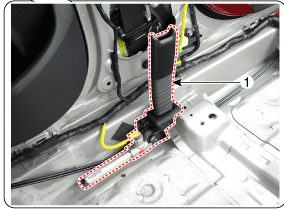
Never attempt to measure the circuit resistance of the Seat Belt Pretensioner (BPT) even if you are using the specified tester. If the circuit resistance is measured with a tester, the pretensioner will be ignited accidentally. This will result in serious personal injury.



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Emergency Fastening Device (EFD) - Components and Components Location (Article 44940)

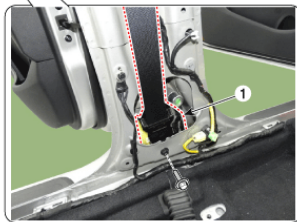
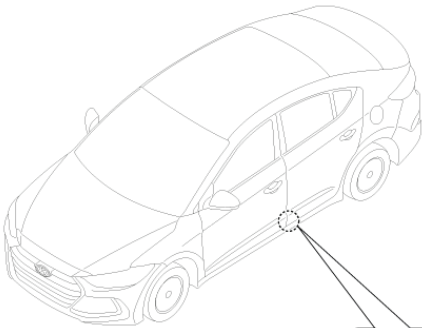
- Components



1. EFD(Emergency Fastening Device) System

Front Seat Belt Pretensioner - Components and Components Location (Article 45094)

- Component Location



1. Front seat belt pretensioner

Seat Belt Pretensioner (BPT) - Components and Components Location (Article 44937)

- Components

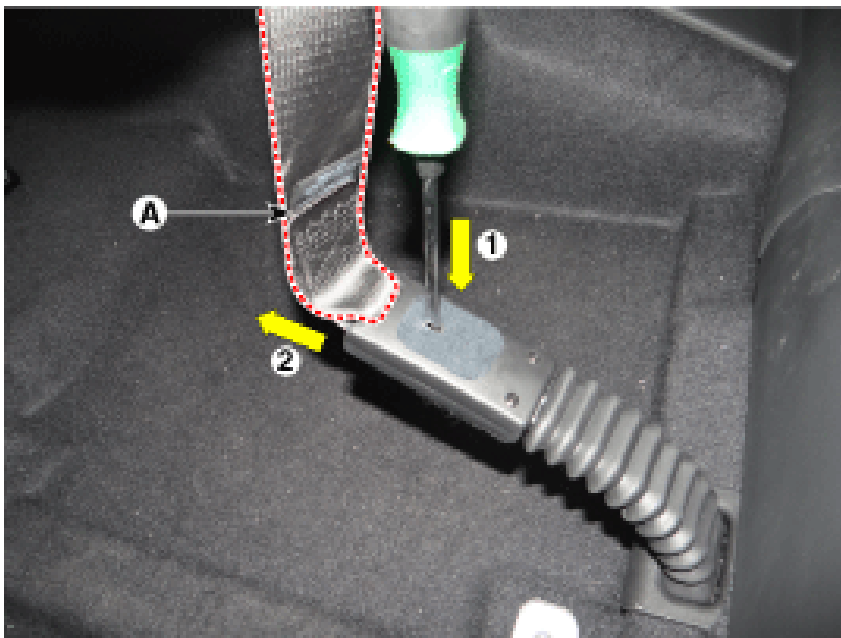


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1. Seat Belt Pretensioner (BPT)

Emergency Fastening Device (EFD) - Repair Procedures (Article 44942)

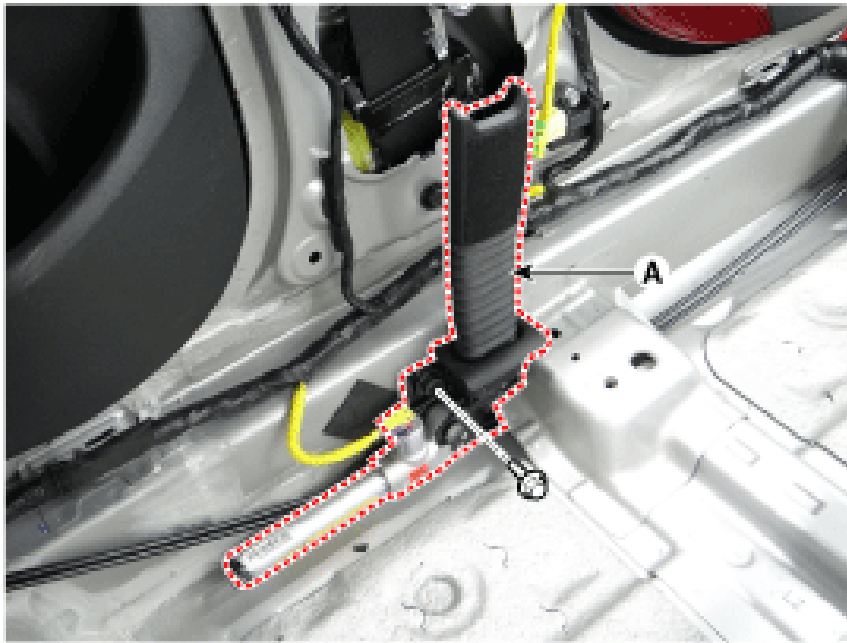
- Removal
- Disconnect the battery negative cable and wait for at least 3 minutes before beginning work.
- Remove the front seat. (Refer to Body - "Front Seat Assembly")
- Remove the rear seat. (Refer to Body - "Rear Seat Assembly")
- Separate the front seat belt (A) from the emergency fastening device.



- Remove the door scuff trim. (Refer to Body - "Interior Trim")
- Remove the center pillar trim. (Refer to Body - "Interior Trim")
- Remove the floor carpet assembly. (Refer to Body - "Floor Carpet")
- Disconnect the emergency fastening device connector (A).



- Remove the emergency fastening device (A) after loosening the mounting bolt.



- Installation
- Disconnect the negative (-) cable from battery and wait for at least three minutes.
- Install the emergency fastening device with the mounting bolt. Tightening torque : 39.2 - 53.9 N.m (4.0 - 5.5 kgf.m, 28.9 - 39.8 lb-ft)
- Connect the emergency fastening device connector (A). Make sure the lock pin is connected in properly. Make sure the lock pin is connected in properly.

NOTICE

- Make sure the lock pin is connected in properly.

- Install the floor carpet assembly. (Refer to Body - "Floor Carpet")
- Install the center pillar trim. (Refer to Body - "Interior Trim")
- Install the door scuff trim. (Refer to Body - "Interior Trim")
- Connect the front seat belt to the emergency fastening device.
- Install the rear seat. (Refer to Body - "Rear Seat Assembly")
- Install the front seat. (Refer to Body - "Front Seat Assembly")
- Reconnect the battery negative cable.
- After installing the EFD system, confirm proper system operation : Turn the ignition switch ON; the SRS indicator light should turn on for about six seconds and then go off.

Front Seat Belt Pretensioner - Repair Procedures (Article 45095)

- Replacement

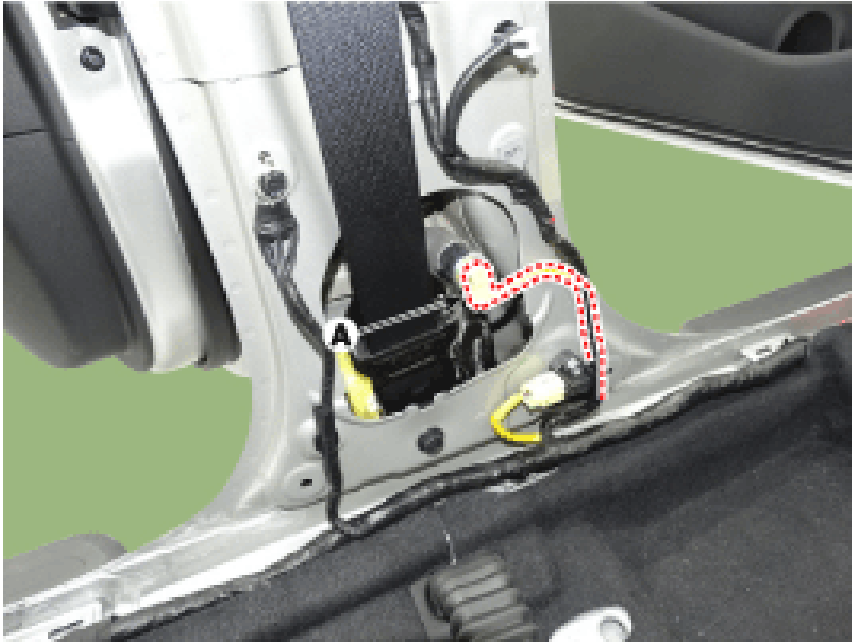
When installing the belt, make sure not to damage the pretensioner .

NOTICE

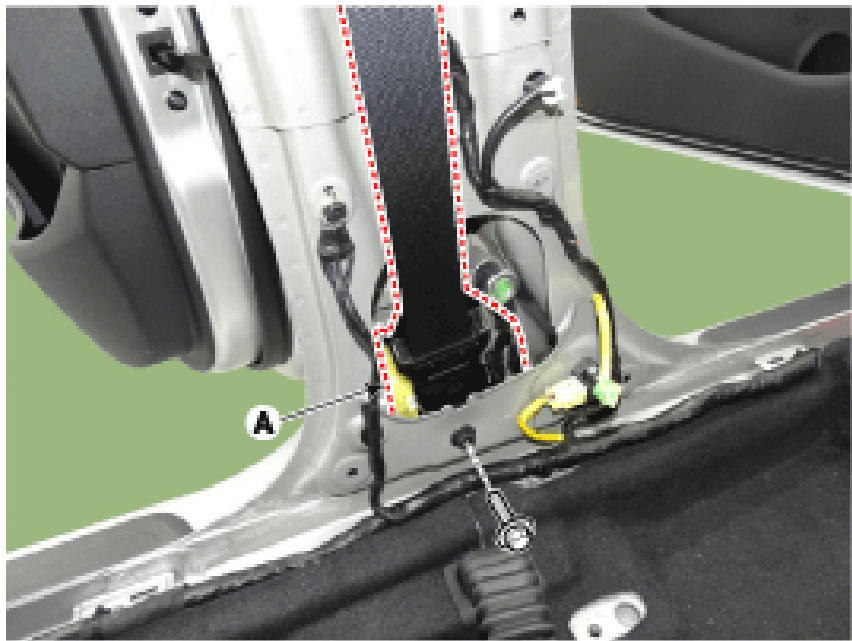
- When installing the belt, make sure not to damage the pretensioner .
 - Remove the center pillar upper trim. (Refer to Interior Trim - "Center Pillar Trim")
 - After loosening the front belt upper anchor mounting bolt, remove the front belt upper anchor (A).
- Tightening torque : 39.2 - 53.9 N.m (4.0 - 5.5 kgf.m, 28.8 - 39.8 lb-ft)



- Disconnect the connector (A)



- Loosen the mounting bolt and removing the front safety belt retractor (A). Tightening torque : 39.2 - 53.9 N.m (4.0 - 5.5 kgf.m, 28.8 - 39.8 lb-ft)



- To install, reverse the removal procedure. After installing the front seat belt retractor , check that the air bag warning indicator illuminates for about 6 seconds when the ignition is ON and then goes out. Make sure the connector is plugged in properly. Replace any damaged clips (or pin-type retainers).
After installing the front seat belt retractor , check that the air bag warning indicator illuminates for about 6 seconds when the ignition is ON and then goes out. Make sure the connector is plugged in properly. Replace any damaged clips (or pin-type retainers).

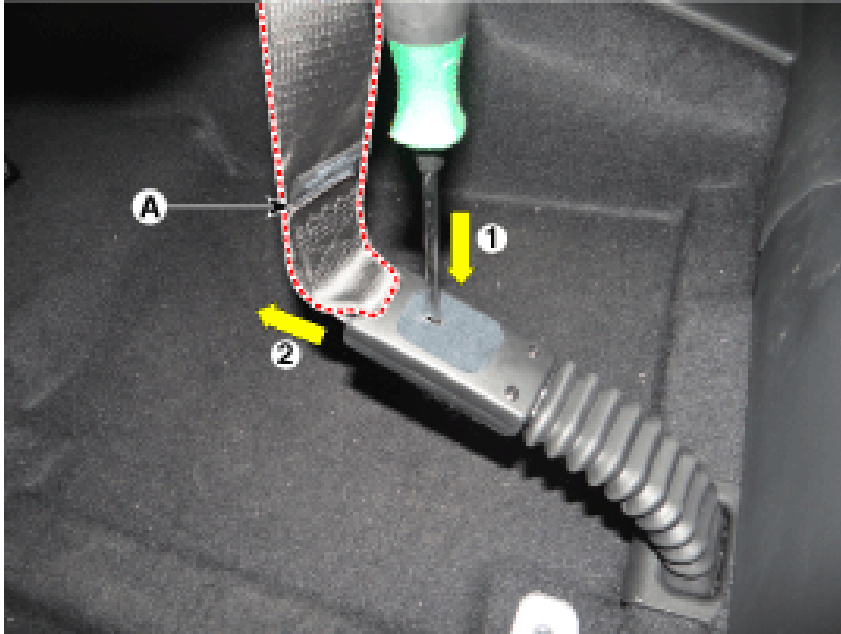


Information

- After installing the front seat belt retractor , check that the air bag warning indicator illuminates for about 6 seconds when the ignition is ON and then goes out.
- Make sure the connector is plugged in properly.
- Replace any damaged clips (or pin-type retainers).

Seat Belt Pretensioner (BPT) - Repair Procedures (Article 44939)

- Removal
- Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
- Separate the front seat belt (A) from the emergency fastening device.



- Remove the door scuff trim. (Refer to Body - "Interior Trim")
- Remove the center pillar trim. (Refer to Body - "Interior Trim")
- Remove the front seat belt upper anchor bolt.



- Disconnect the front seat belt pretensioner connector (A).



- Remove the seat belt pretensioner (A) after loosening the seat belt pretensioner mounting bolts.



- Installation
- Remove the ignition key from the vehicle.
- Disconnect the battery negative cable and wait for at least three minutes.
- Install the seat belt pretensioner. Tightening torque : Bolt A : 7.8 - 11.8 N.m (0.8 - 1.2 kgf.m, 5.8 - 8.7 lb-ft) Bolt B : 39.2 - 53.9 N.m (4.0 - 5.5 kgf.m, 28.9 - 39.8 lb-ft)



- Connect the seat belt pretensioner connector. Make sure the lock pin is connected in properly.
Make sure the lock pin is connected in properly.

NOTICE

- Make sure the lock pin is connected in properly.
- Install the front seat belt upper anchor bolt. Tightening torque : 39.2 - 53.9 N.m (4.0 - 5.5 kgf.m, 28.9 - 39.8 lb-ft)
- Install the center pillar trim. (Refer to Body - "Interior Trim")
- Install the door scuff trim. (Refer to Body - "Interior Trim")
- Reconnect the battery negative cable.
- After installing the seat belt pretensioner, confirm proper system operation: Turn the ignition switch ON; the SRS indicator light should be turned on for about six seconds and then go off.
- Turn the ignition switch ON; the SRS indicator light should be turned on for about six seconds and then go off.