

GENESIS COUPE(BK) >2010 > G 2.0 DOHC > Restraint > Seat Belt Pretensioner > Seat Belt Pretensioner (BPT) > Description and Operation

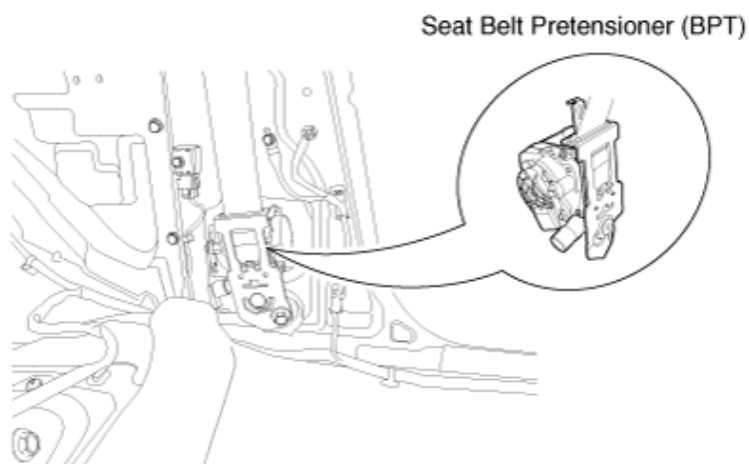
Description

The Seat Belt Pretensioners (BPT) are installed inside Center Pillar (LH & RH). When a vehicle crashes with a certain degree of frontal impact, the pretensioner seat belt helps to reduce the severity of injury to the front seat occupants by retracting the seat belt webbing. This prevents the front occupants from thrusting forward and hitting the steering wheel or the instrument panel when the vehicle crashes.

CAUTION

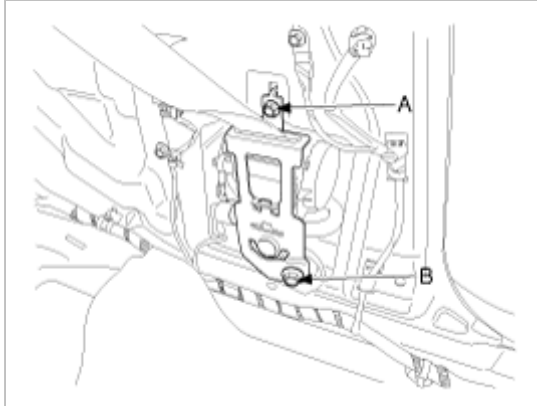
Never attempt to measure the circuit resistance of the Seat Belt Pretensioner (BPT) even if you are using the specified tester. If the circuit resistance is measured with a tester, the pretensioner will be ignited accidentally. This will result in serious personal injury.

Components



Removal

1. Disconnect the battery negative cable, and wait for at least three minutes before beginning work.
2. Remove the lower anchor bolt.
3. Remove the following parts. (Refer to the Body group- Interior trim)
 - A. Rear seat assembly, Door scuff trim
 - B. Luggage side trim, Center upper trim
4. Remove the upper anchor bolt.
5. Loosen the Seat Belt Pretensioner mounting bolt and remove the Seat Belt Pretensioner.



6. Disconnect the Seat Belt Pretensioner connector.

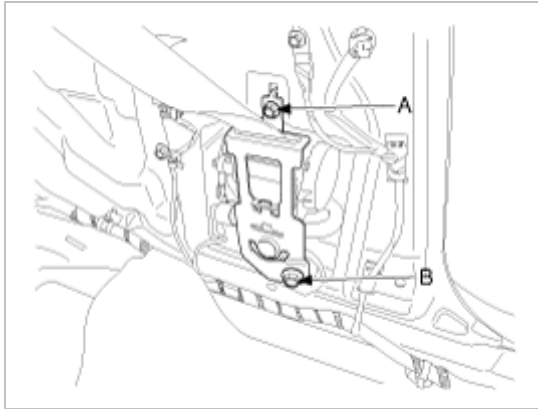


Installation

1. Remove the ignition key from the vehicle.
2. Disconnect the battery negative cable and wait for at least three minutes.
3. Connect the Seat Belt Pretensioner (BPT) connector.
4. Install the Seat Belt Pretensioner (BPT) with a bolt.

Tightening torque

Bolt B : 39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb.ft)



5. Install the upper anchor bolts.

Tightening torque

: 39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~39.8 lb.ft)

6. Install the following parts. (Refer to the Body group- Interior trim)

- A. Center upper trim, luggage side trim
- B. Door scuff trim, Rear seat assembly

7. Install the lower anchor bolts.

Tightening torque

: 39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~39.8 lb.ft)

8. Reconnect the battery negative cable.
9. After installing the Seat Belt Pretensioner (BPT), confirm proper system operation:
 - A. Turn the ignition switch ON; the SRS indicator light should be turned on for about six seconds and then go off.