



## Technical Service Bulletin

<b>GROUP</b>	<b>NUMBER</b>
<b>RECALL</b>	<b>23-01-022G</b>
<b>DATE</b>	<b>MODEL(S)</b>
<b>MARCH, 2023</b>	<b>GV70 (JK1), GV80 (JX1), G80 (RG3)</b>

**SUBJECT:** FRONT SEAT BELT PRETENSIONER PROTECTION  
CAP INSTALLATION (RECALL 012G)

### ★ IMPORTANT

Vehicle repairs related to safety recalls are critically important and must be performed properly in accordance with TSB procedures. Review this bulletin in its entirety prior to beginning any repair work.

As required by federal law, dealers must not deliver new vehicles for sale or for lease to customers until all open recalls have been performed. Dealers must also perform all open recalls on used vehicles, demo, and rental vehicles prior to placing them into customer use and whenever an affected vehicle is in the shop for any maintenance or repair.

Access the "Vehicle Information" screen via WEBDCS to identify open recalls.

**Description:** The front seat belt pretensioner may deploy abnormally in the vehicles described below, causing the MGG (Micro Gas Generator) to detach from the assembly. This bulletin describes the procedure to install front seat belt pretensioner anti-separation protection caps.

### STUI



**This TSB includes STUI pictures as a requirement.** The STUI pictures require the VIN and date of the repair to be clearly visible. Please include the last 6 digits of the VIN and date of the repair on a piece of paper next to the seat belt pretensioner caps installed. Ensure the captured pictures are completed according to the steps in the TSB. **All submitted claims without associated STUI pictures that do not capture the VIN, repair date, and the seat belt pretensioner caps installed are subject to debit. In addition, any claims found to have illegible, incomplete, missing, or incorrect pictures are subject to debit.**

#### Applicable Vehicles:

- Certain 2022-23MY GV70 (JK1) produced from 03/10/2021 - 01/11/2023
- Certain 2021-23MY GV80 (JX1) produced from 07/27/2020 - 12/29/2022
- Certain 2021-23MY G80 (RG3) produced from 07/25/2020 - 01/25/2023

**Parts Information:**

PART NAME	PART NUMBER					REMARK
KIT						One bolt will be extra.
	CAP (SWLL, A)	CAP (SWLL, B)	CAP (STD, A)	CAP (STD, B)	BOLT	
	88820-AACAPQQH					GV70 (JK1), GV80 (JX1) G80 (RG3)
	CAP 2EA (STD, A)		CAP 2EA (STD, B)		BOLT 9EA	

**Warranty Information:**

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
GV70 (JK1) GV80 (JX1) G80 (RG3)	31D015R0	FRONT SEAT BELT PRETENSIONER PROTECTION CAP INSTALLATION (BOTH LH AND RH)	0.7 M/H	88820-AACAPQQH	I14	ZZ3

**NOTE 1:** Submit Claim on Campaign Claim Entry Screen






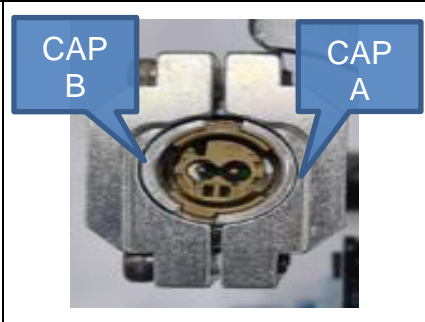
**NOTE 2:** If a part that is not covered by this recall is in need of replacement while performing this recall, and the affected part is still under warranty, please submit a separate claim using the same repair order. If the affected part is out of warranty, submit a prior approval request for goodwill consideration prior to performing the work.

**NOTE 3:** The labor op includes the time to mark all 4 bolts with paint and to take and upload STUI pictures of the pretensioners with the caps installed. The STUI photo(s) must include the caps installed on both sides and marked with paint along with a piece of paper displaying the last 6 digits of the VIN, date of the repair, and indicating driver (LH) or passenger (RH) side. If not included, claim will be subject to debit.



Refer to the QR code or link below for guided video information:  
[Genesis Service Learning - Recall 012G Service Procedure](#)

**SUBJECT: FRONT SEAT BELT PRETENSIONER CAP INSTALLATION (RECALL 012G)**

PART NAME	IDENTIFICATION METHOD		REMARKS	
	BEFORE INSTALLATION	AFTER INSTALLATION		
STD CAP A				Caps (A/B) are classified by type according to the marking groove position of the cap. (STD CAP A does not have a marking groove.)
STD CAP B				

**SERVICE PROCEDURE (SAME FOR DRIVER SIDE AS PASSENGER SIDE):**

**GV70 (JK1), STD Type:** See Pages 4 - 11.

**GV80 (JX1), STD Type:** See Pages 12 - 19.

**G80 (RG3), STD Type:** See Pages 20 - 27.

## GV70 (JK1) – STD Type

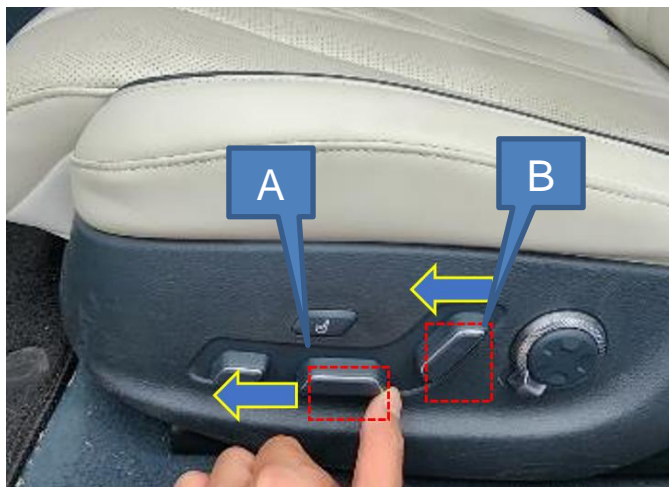
### ■ FRONT SEAT BELT PRETENSIONER PROTECTION CAP INSTALLATION

1. If applicable, record the customer's radio preset stations for AM / FM / SXM.

Move the front/rear switch (A) seat of the seat as far forward as possible.

Press the seat back switch (B) to move as far forward as possible.

Turn off the ignition key of the vehicle.



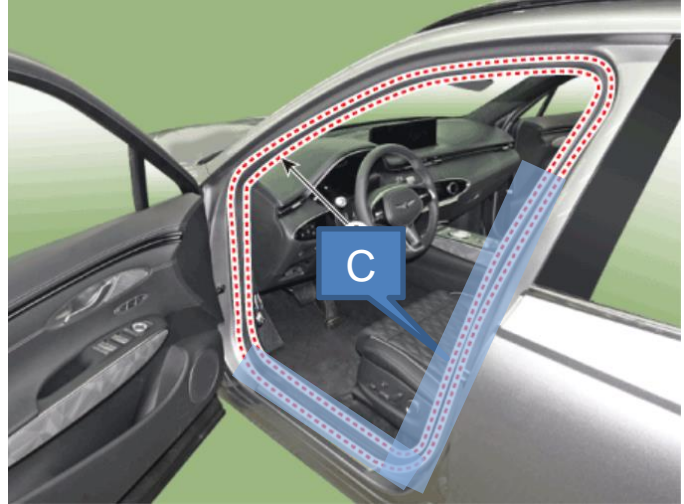
2. Disconnect the negative ( - ) battery terminal. Battery is located under luggage board.

#### **⚠ CAUTION**

**Negative Battery Terminal Tightening Torque:**  
**7.8 – 9.8 Nm (0.8 – 1.0 kgf.m, 5.8 – 7.2 lb-ft)**



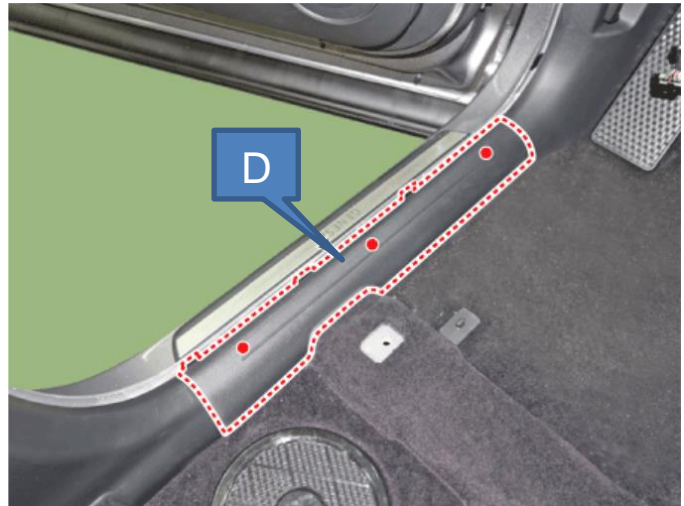
3. Partially remove the front door body side weather strip (C).



4. Remove the front door scuff trim (D) using the trim tool.

**CAUTION**

*Be careful not to damage trims and panels.*



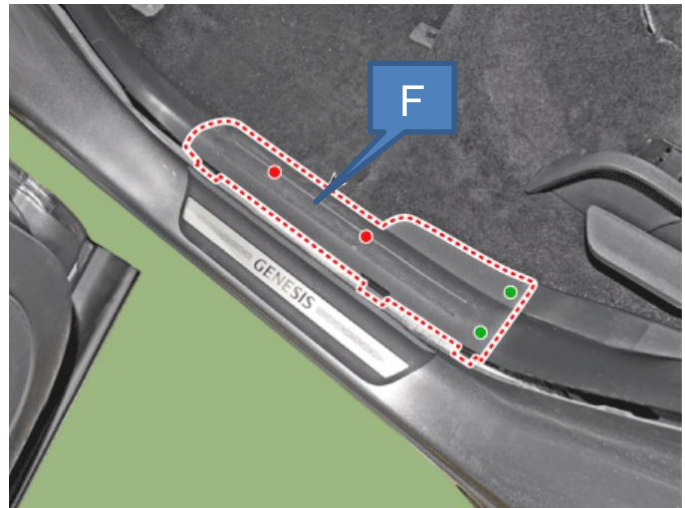
5. Partially remove the rear door body side weather strip (E).



6. Remove the rear door scuff (F) using the trim tool.

**CAUTION**

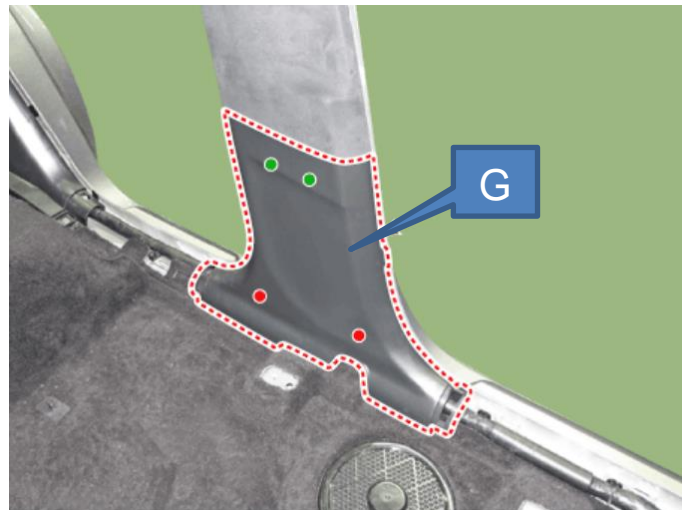
Take care not to damage the pretensioner when removing or installing the seat belt.



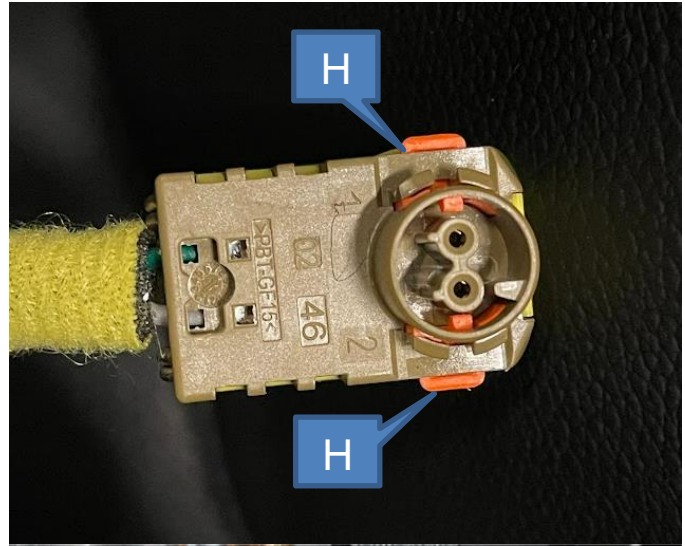
7. Remove the center pillar lower trim (G) with care to not damage the fasteners.

**NOTICE**

Refer to the shop manual.  
- Interior trim > Center pillar trim



8. Press the lock pins (H) to disconnect the front seat belt pretensioner connector (I).

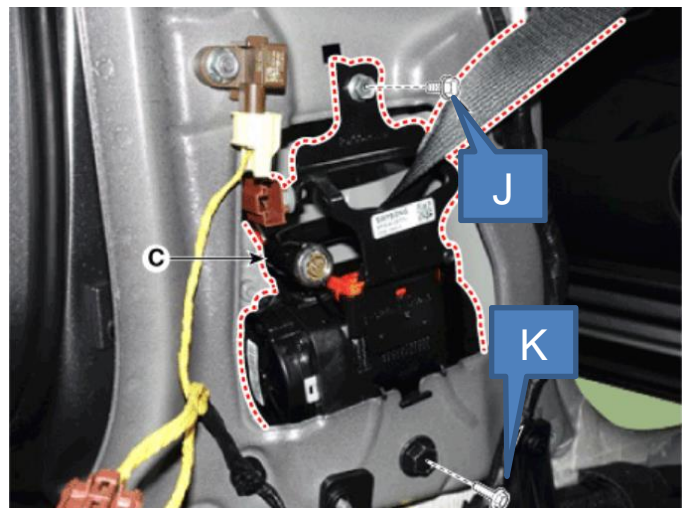


9. Loosen the mounting bolts (J & K) and remove the front seat belt pretensioner.

**⚠ CAUTION**

**Tightening Torque: bolt (J)**  
7.8 ~ 11.8 Nm (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)

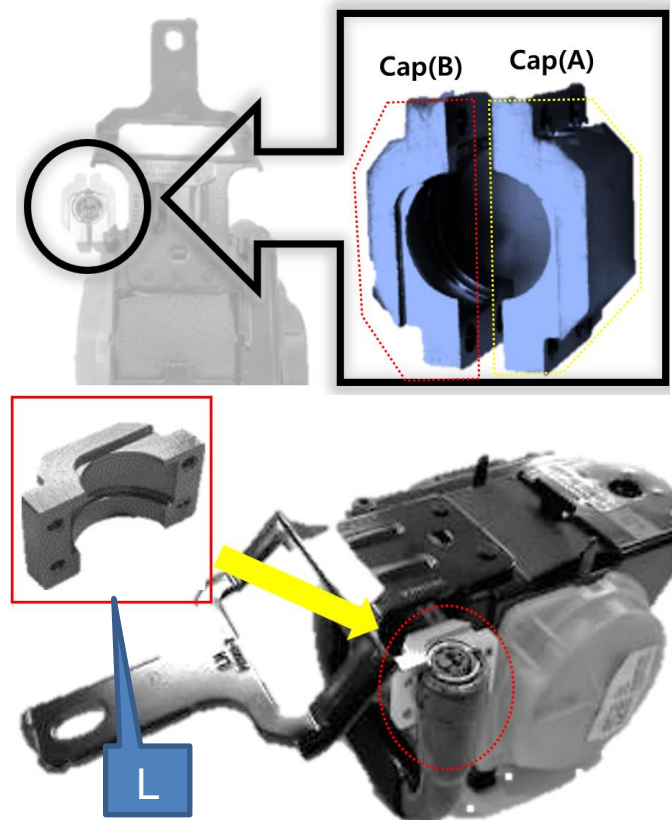
**Tightening Torque: bolt (K)**  
39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)





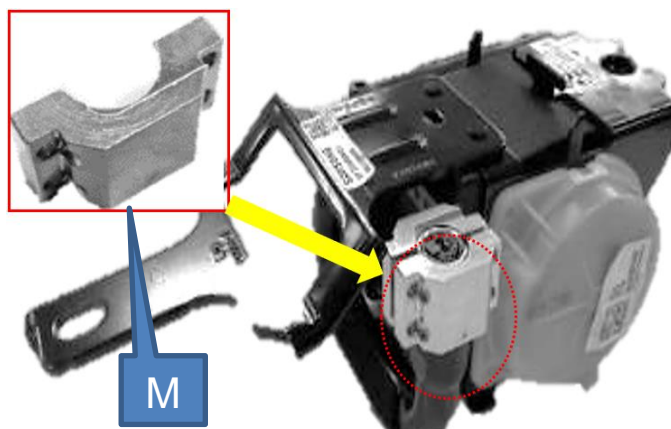
10. Install Cap A (L).

**CAUTION**  
Check if the installation direction of the cap matches the figure.





11. Install Cap B (M).

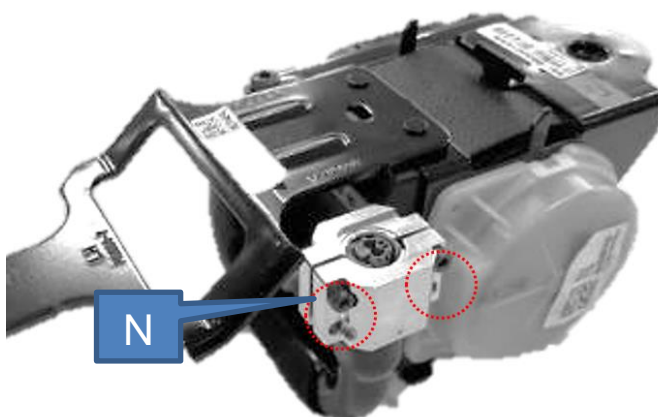


12. Tighten the cap top bolts (N).

**NOTICE**

**Tightening Torque:**  
2.1 ~ 2.6 Nm (0.2 ~ 0.3 kgf.m, 1.5 ~ 1.9 lb-ft)

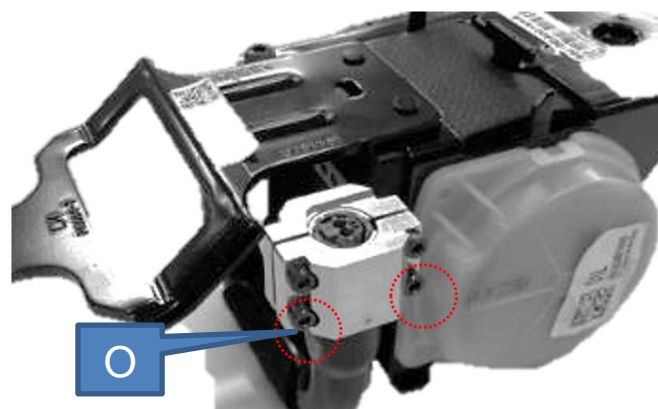
*When mounting the bolts, hold the bottom of the cap by hand and secure it.*



13. Tighten the cap bottom bolts (O).

**NOTICE**

**Tightening Torque:**  
2.1 ~ 2.6 Nm (0.2 ~ 0.3 kgf.m, 1.5 ~ 1.9 lb-ft)



14. Mark all 4 bolts with paint after installing.

**STUI**



Using STUI, please take photos of the completed pretensioner assembly with the caps installed. Within the picture, include a piece of paper with the last 6 digits of the VIN, date of the repair, and Driver (LH) side or Passenger (RH) side.

Upload the photos to STUI with the caps installed.

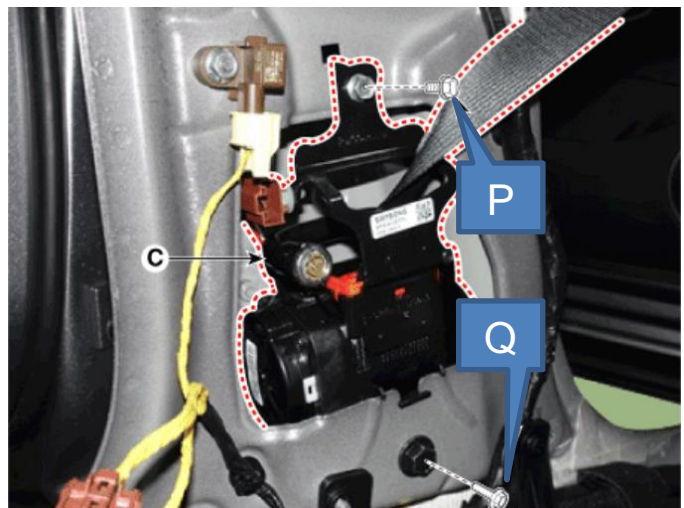


15. Torque the seat belt pretensioner mounting bolts (P & Q) to specifications.

**CAUTION**

**Tightening Torque: bolt (P)**  
7.8 ~ 11.8 Nm (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)

**Tightening Torque: bolt (Q)**  
39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



16. Install seat belt pretensioner in the reverse order of removal.

17. Repeat procedure steps 3-16 on the passenger's side.

Reprogram the customer's preset radio stations if needed.

**NOTICE**

- When the ignition switch is turned on after installing the pretensioners, check that the warning light is turned on and then off for about 6 seconds.
- Install the connectors securely.

## GV80 (JX1) – STD Type

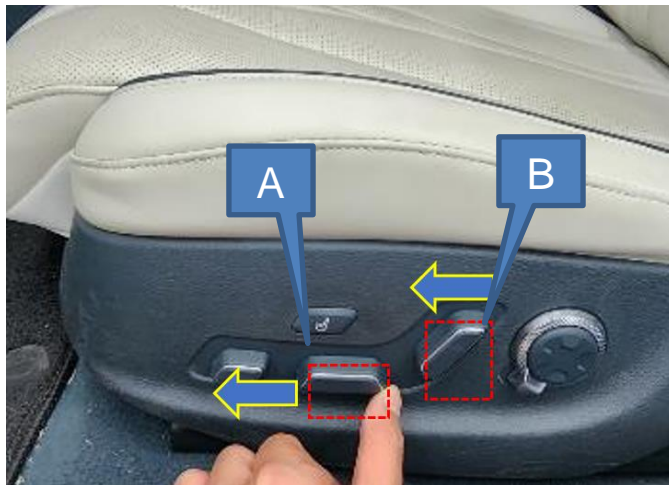
### ■ FRONT SEAT BELT PRETENSIONER PROTECTION CAP INSTALLATION

1. If applicable, record the customer's radio preset stations for AM / FM / SXM.

Move the front/rear switch (A) seat of the seat as far forward as possible.

Press the seat back switch (B) to move as far forward as possible.

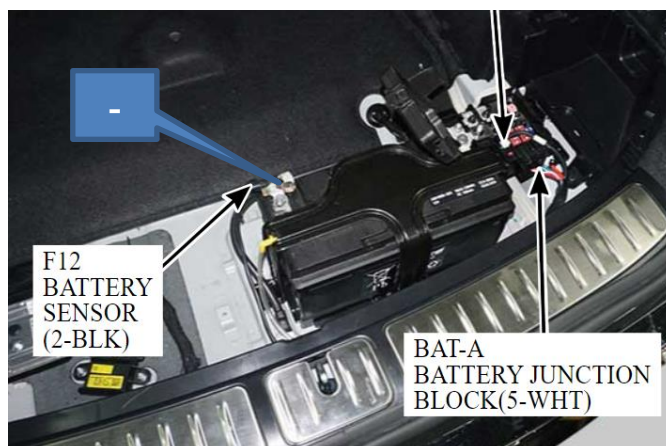
Turn off the ignition key of the vehicle.



2. Disconnect the negative ( - ) battery terminal. Battery is located under luggage board.

#### **CAUTION**

**Negative Battery Terminal Tightening Torque:**  
**7.8 – 9.8 Nm (0.8 – 1.0 kgf.m, 5.8 – 7.2 lb-ft)**

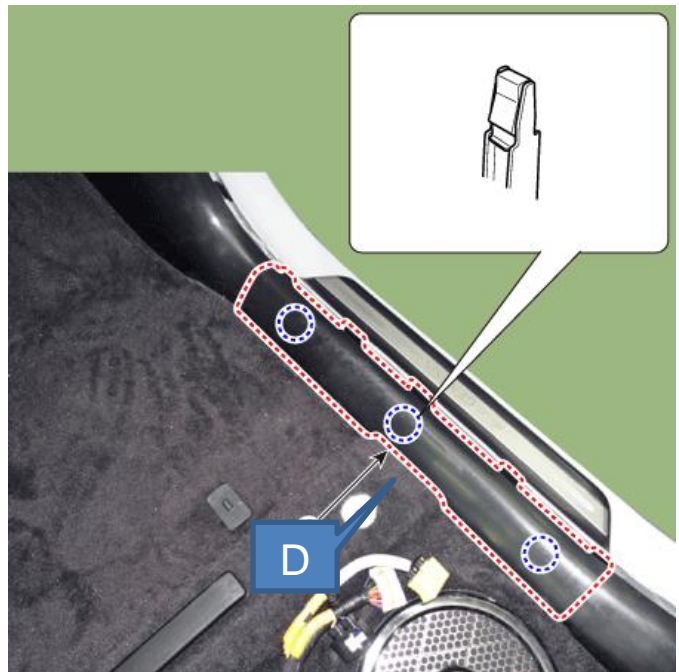


3. Partially remove the front door body side weather strip (C).



4. Remove the front door scuff trim (D) using the trim tool.

**⚠ CAUTION**  
*Be careful not to damage trims and panels.*



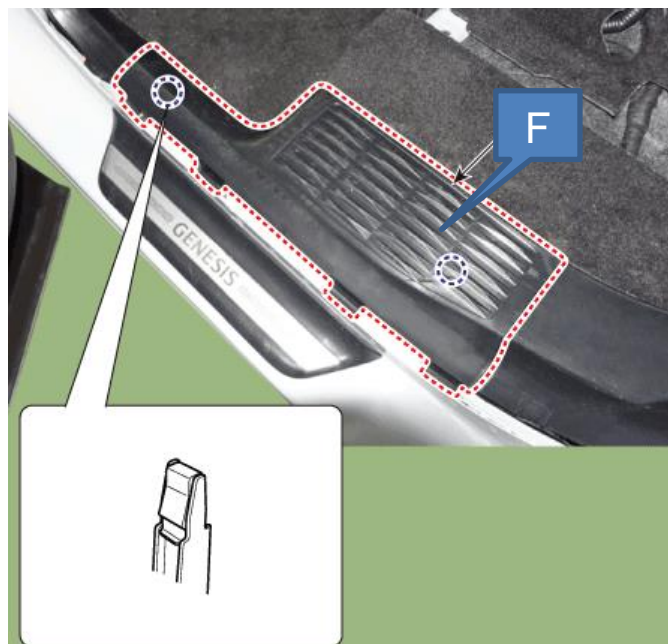
- Partially remove the rear door body side weather strip (E).



- Remove the rear door scuff (F) using the trim tool.

**CAUTION**

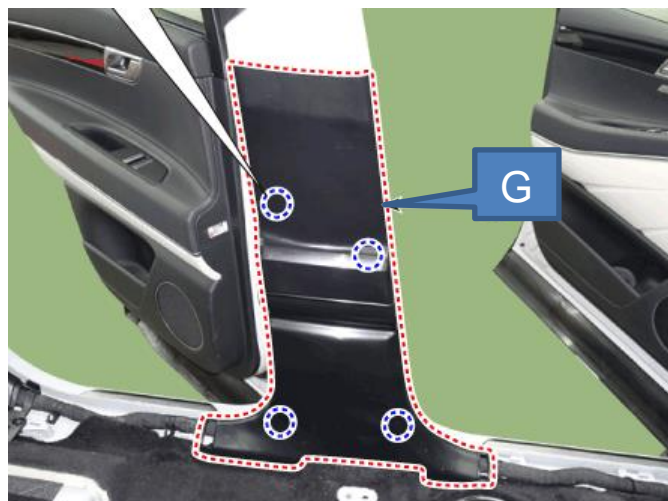
Take care not to damage the pretensioner when removing or installing the seat belt.



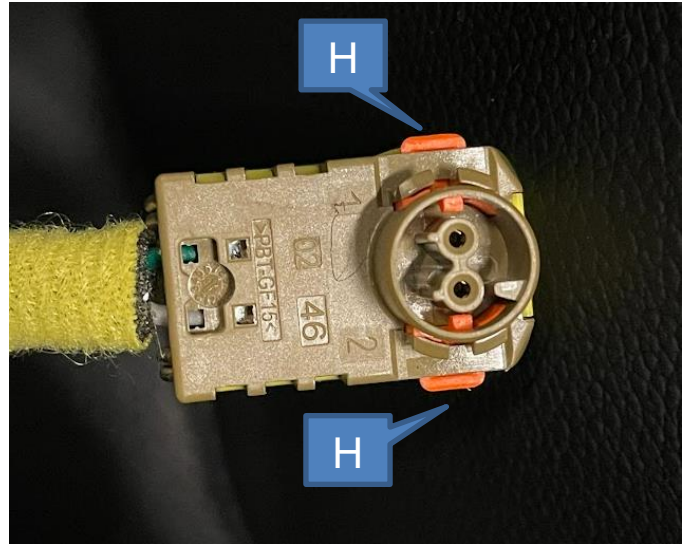
- Remove the center pillar lower trim (G) with care to not damage the fasteners.

**NOTICE**

Refer to the shop manual.  
- Interior trim > Center pillar trim



8. Press the lock pins (H) to disconnect the front seat belt pretensioner connector (I).

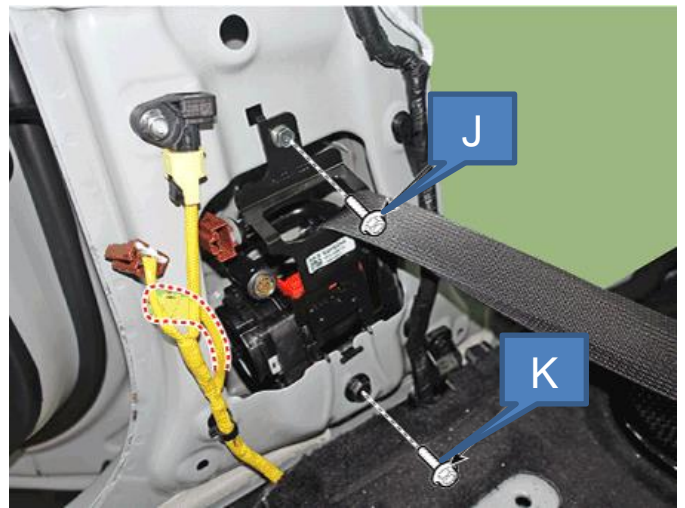


9. Loosen the mounting bolts (J & K) and remove the front seat belt pretensioner.

**⚠ CAUTION**

**Tightening Torque: bolt (J)**  
7.8 ~ 11.8 Nm (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)

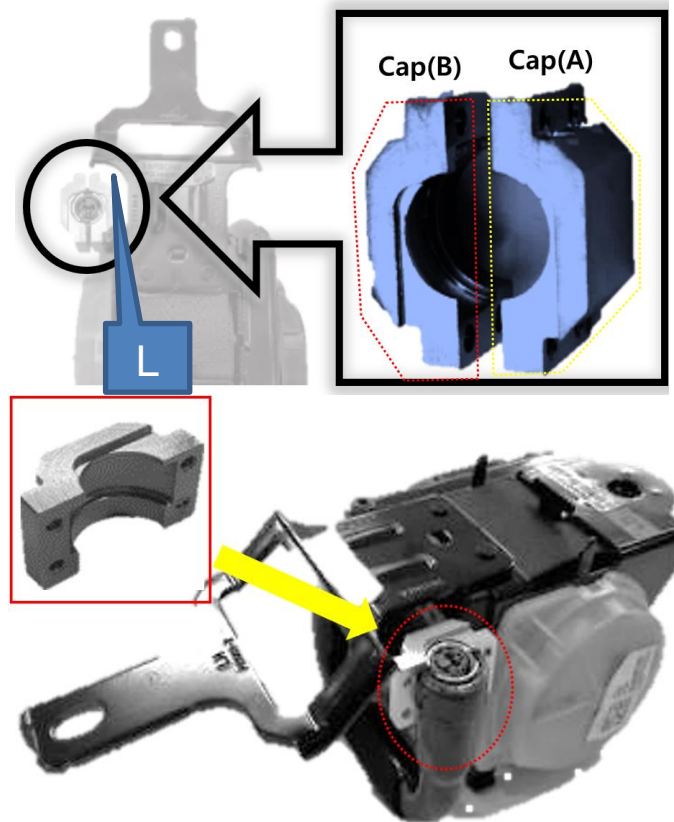
**Tightening Torque: bolt (K)**  
39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)





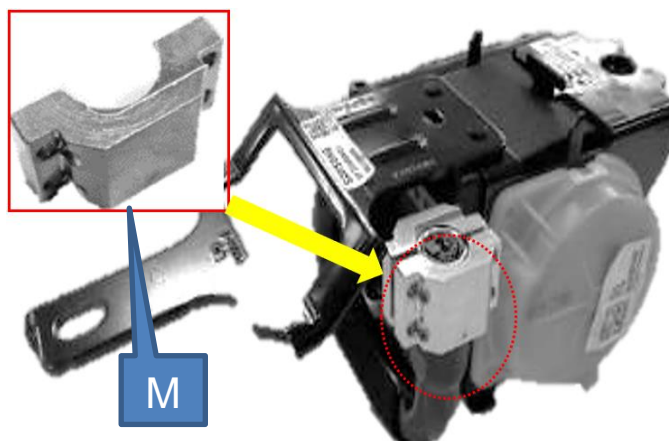
10. Install Cap A (L).

**CAUTION**  
Check if the installation direction of the cap matches the figure.





11. Install Cap B (M).

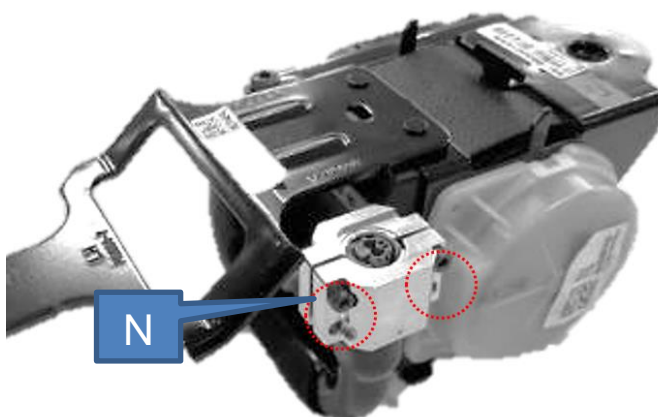


12. Tighten the cap top bolts (N).

**NOTICE**

**Tightening Torque:**  
2.1 ~ 2.6 Nm (0.2 ~ 0.3 kgf.m, 1.5 ~ 1.9 lb-ft)

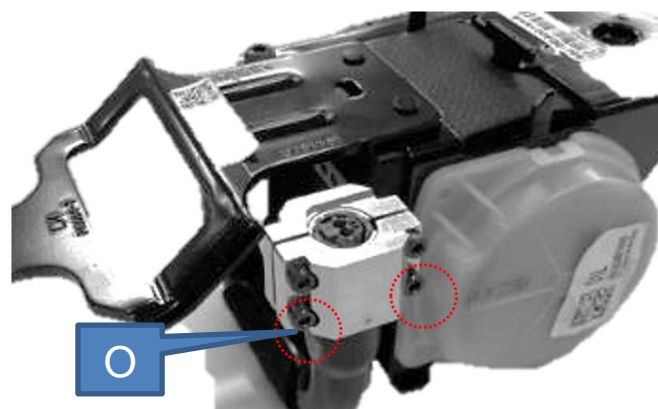
*When mounting the bolts, hold the bottom of the cap by hand and secure it.*



13. Tighten the cap bottom bolts (O).

**NOTICE**

**Tightening Torque:**  
2.1 ~ 2.6 Nm (0.2 ~ 0.3 kgf.m, 1.5 ~ 1.9 lb-ft)



14. Mark all 4 bolts with paint after installing.

**STUI**



Using STUI, please take photos of the completed pretensioner assembly with the caps installed. Within the picture, include a piece of paper with the last 6 digits of the VIN, date of the repair, and Driver (LH) side or Passenger (RH) side.

Upload the photos to STUI with the caps installed.

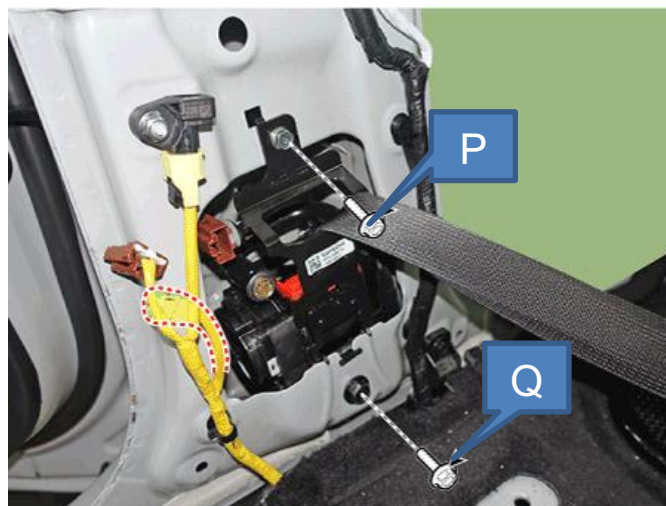


15. Torque the seat belt pretensioner mounting bolts (P & Q) to specifications.

**CAUTION**

**Tightening Torque: bolt (P)**  
7.8 ~ 11.8 Nm (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)

**Tightening Torque: bolt (Q)**  
39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



16. Install seat belt pretensioner in the reverse order of removal.

17. Repeat procedure steps 3-16 on the passenger's side.

Reprogram the customer's preset radio stations if needed.

**NOTICE**

- When the ignition switch is turned on after installing the pretensioners, check that the warning light is turned on and then off for about 6 seconds.
- Install the connectors securely.

## G80 (RG3) – STD Type

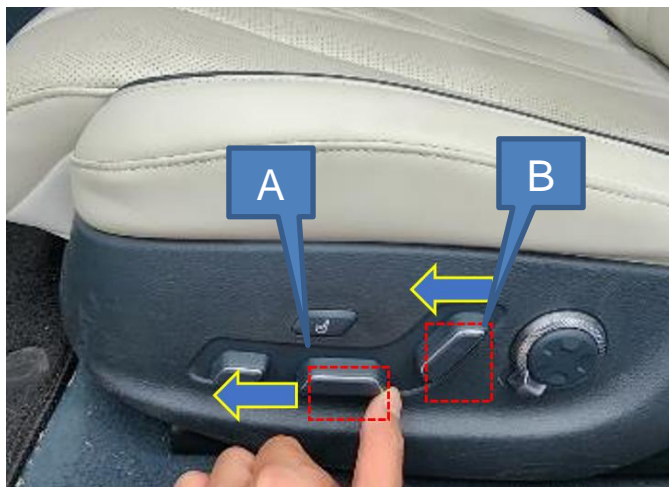
### ■ FRONT SEAT BELT PRETENSIONER PROTECTION CAP INSTALLATION

1. If applicable, record the customer's radio preset stations for AM / FM / SXM.

Move the front/rear switch (A) seat of the seat as far forward as possible.

Press the seat back switch (B) to move as far forward as possible.

Turn off the ignition key of the vehicle.



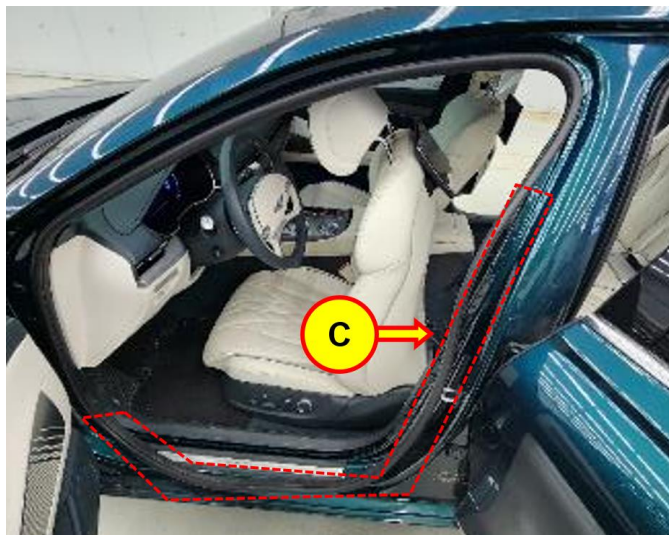
2. Disconnect the negative ( - ) battery terminal. Battery is located under luggage board.

#### **⚠ CAUTION**

**Negative Battery Terminal Tightening Torque:**  
**7.8 – 9.8 Nm (0.8 – 1.0 kgf.m, 5.8 – 7.2 lb-ft)**



- 3. Partially remove the front door body side weather strip (C).



- 4. Remove the front door scuff trim (D) using the trim tool.

**⚠ CAUTION**  
*Be careful not to damage trims and panels.*



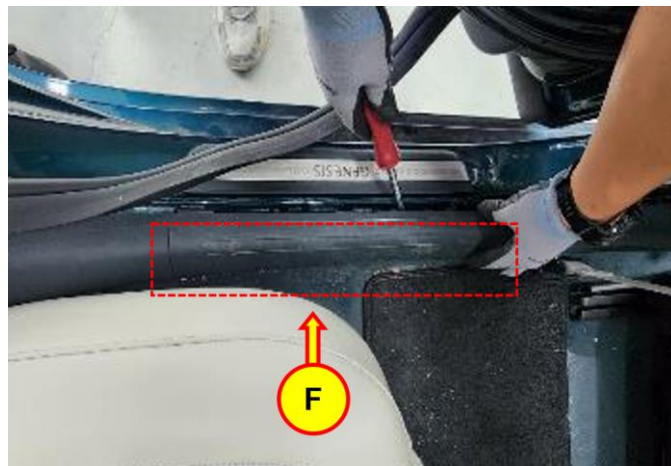
- 5. Partially remove the rear door body side weather strip (E).



6. Remove the rear door scuff (F) using the trim tool.

**⚠ CAUTION**

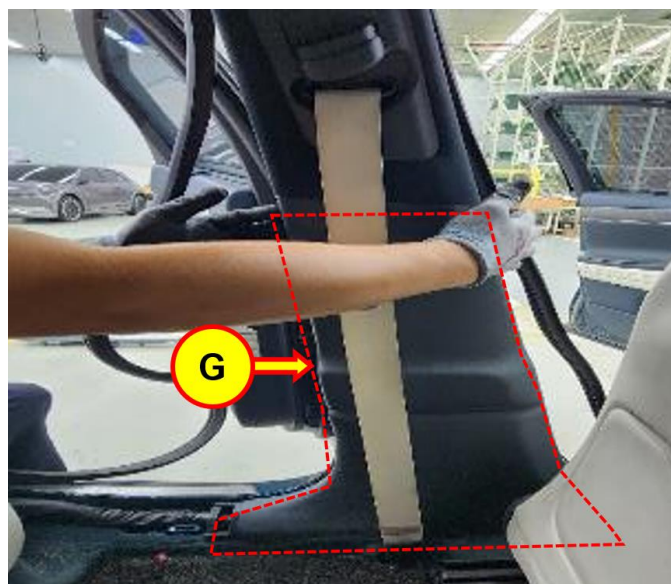
Take care not to damage the pretensioner when removing or installing the seat belt.



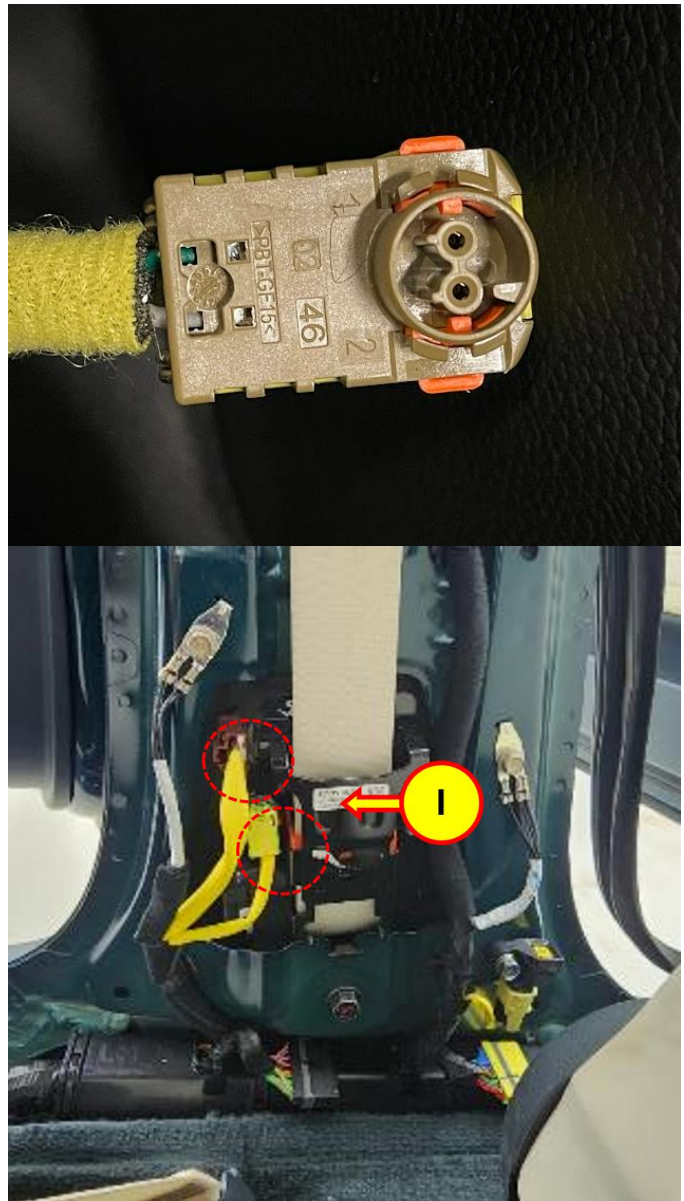
7. Remove the center pillar lower trim (G) with care to not damage the fasteners.

**NOTICE**

Refer to the shop manual.  
- Interior trim > Center pillar trim



- 8. Press the lock pins (H) to disconnect the front seat belt pretensioner connector (I).

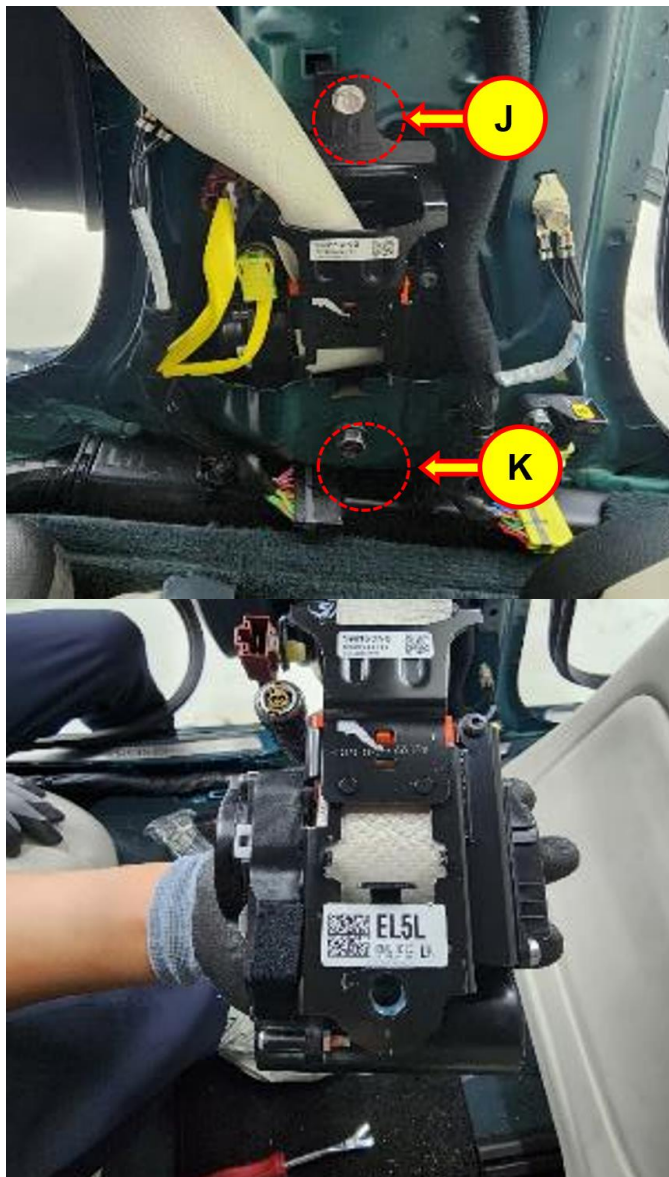


9. Loosen the mounting bolts (J & K) and remove the front seat belt pretensioner.

**CAUTION**

**Tightening Torque: bolt (J)**  
7.8 ~ 11.8 Nm (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)

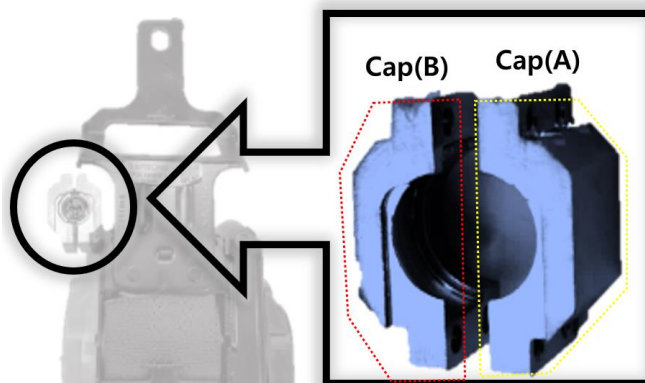
**Tightening Torque: bolt (K)**  
39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



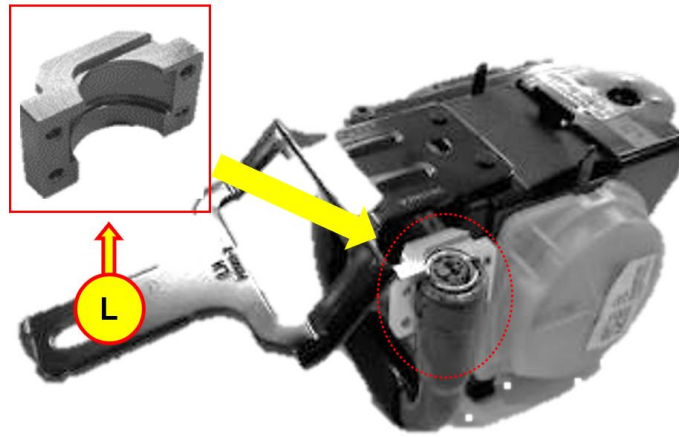
10. Install Cap A (L).

**CAUTION**

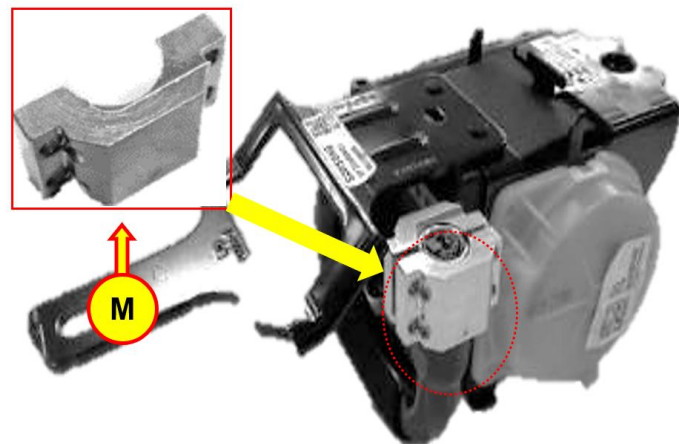
Check if the installation direction of the cap matches the figure.







11. Install Cap B (M).

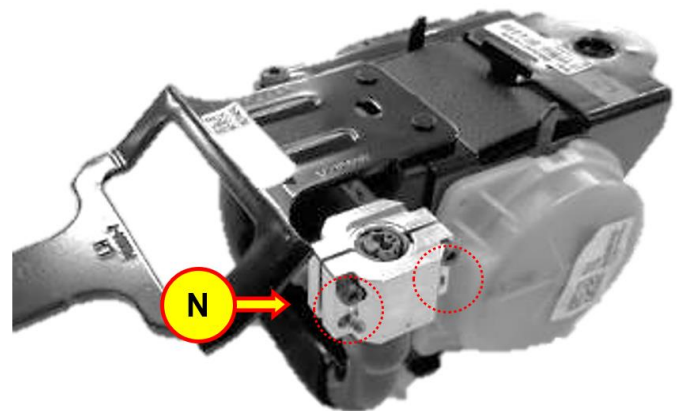


12. Tighten the cap top bolts (N).

**NOTICE**

**Tightening Torque:**  
2.1 ~ 2.6 Nm (0.2 ~ 0.3 kgf.m, 1.5 ~ 1.9 lb-ft)

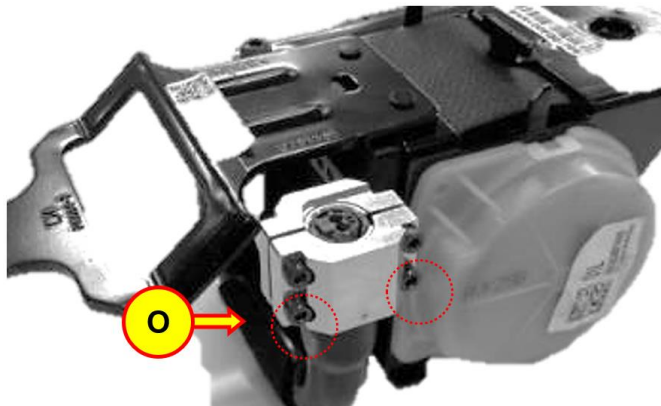
*When mounting the bolts, hold the bottom of the cap by hand and secure it.*



13. Tighten the cap bottom bolts (O).

**NOTICE**

**Tightening Torque:**  
2.1 ~ 2.6 Nm (0.2 ~ 0.3 kgf.m, 1.5 ~ 1.9 lb-ft)



14. Mark all 4 bolts with paint after installing.

**STUI**



Using STUI, please take photos of the completed pretensioner assembly with the caps installed. Within the picture, include a piece of paper with the last 6 digits of the VIN, date of the repair, and Driver (LH) side or Passenger (RH) side.

Upload the photos to STUI with the caps installed.

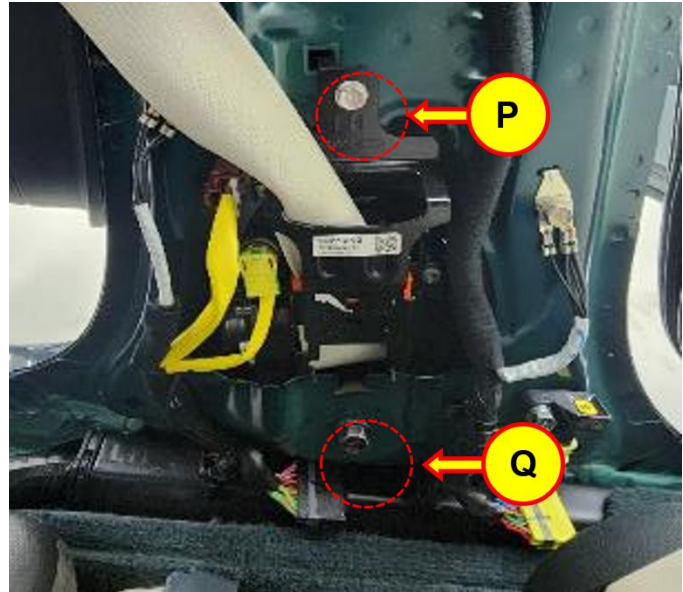


15. Torque the seat belt pretensioner mounting bolts (P & Q) to specifications.

**CAUTION**

**Tightening Torque: bolt (P)**  
7.8 ~ 11.8 Nm (0.8 ~ 1.2 kgf.m, 5.8 ~ 8.7 lb-ft)

**Tightening Torque: bolt (Q)**  
39.2 ~ 53.9 Nm (4.0 ~ 5.5 kgf.m, 28.9 ~ 39.8 lb-ft)



16. Install seat belt pretensioner in the reverse order of removal.
17. Repeat procedure steps 3-16 on the passenger's side.

Reprogram the customer's preset radio stations if needed.

**NOTICE**

- When the ignition switch is turned on after installing the pretensioners, check that the warning light is turned on and then off for about 6 seconds.
- Install the connectors securely.