



Technical Service Bulletin

GROUP

RECALL

NUMBER

23-01-047G

DATE

MAY 2023

MODEL(S)

G90 (RS4)

SUBJECT:

FRONT AND REAR SEAT BELT PRETENSIONER
PROTECTION CAP INSTALLATION (RECALL 013G)

★ 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 and rear seat belt pretensioners 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 and rear seat belt pretensioner anti-separation protection caps.

STUI



This TSB includes a STUI pictures as a requirement. Where indicated, please include the last 6 digits of the VIN and date of repair on a piece of paper. Ensure the VIN and date of repair are clearly visible. Finally, please ensure the captured pictures are completed according to the steps in this TSB and uploaded to STUI. All claims submitted that have illegible, incomplete, missing, or incorrect pictures are subject to debit.

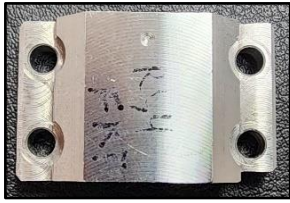
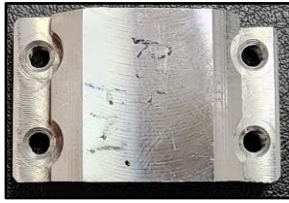


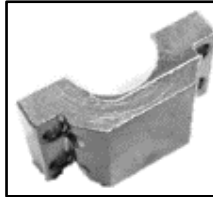

Applicable Vehicles: Certain 2023MY G90 (RS4) produced from 04/21/2022 – 02/21/2023

Circulate To: General Manager, Service Manager, Parts Manager, Warranty Manager, Service Advisors, Technicians, Body Shop Manager, Fleet Repair

SUBJECT:

**FRONT AND REAR SEAT BELT PRETENSIONER
CAP INSTALLATION (RECALL 013G)**

Parts Information:

Part Name	Part Number	Figure			Remarks
Front Seat Belt Pretensioner Protection Cap	88810-T4CAPQQH	 Cap A	 Cap B	 Bolt*	Cap A – 2 Cap B – 2 Bolt – 9
Rear Seat Belt Pretensioner Protection Cap	88820-AACAPQQH	 Cap A	 Cap B	 Bolt*	Cap A – 2 Cap B – 2 Bolt – 9

*One bolt will be extra.

Warranty Information:

Model	Op. Code	Operation	Op. Time	Causal Part	Nature Code	Cause Code
G90 (RS4)	31D018R2	Front And Rear Seat Belt Pretensioner Protection Cap Installation (FRT and RR)	1.8 M/H	88810-T4CAPQQH	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: Op times include taking pictures using STUI and uploading. The STUI photos 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 for both the front and rear. **If not included, claim will be subject to debit.**

Video Procedure:

Refer to the QR code or link below for guided video information:

[Genesis Service Learning - Recall 013G Service Procedure](#)

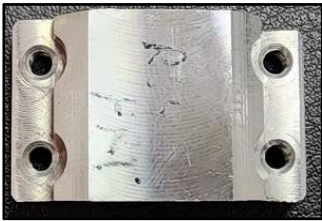




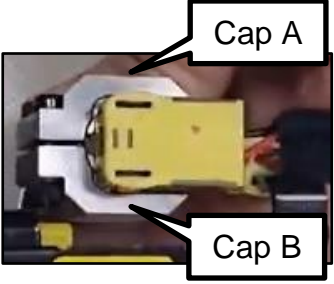
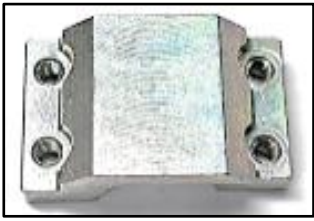


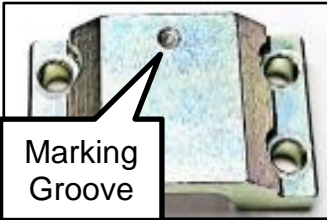

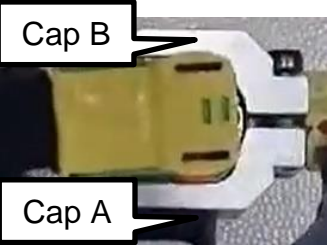
Service Procedure:

Front Seat Belt Pretensioner Protection Cap Installation: see pages [4 - 11](#)

Rear Seat Belt Pretensioner Protection Cap Installation: see pages [11-20](#)

i Information

This procedure is the same for the driver and passenger side.

PART NUMBER	PART NAME	IDENTIFICATION METHOD		REMARKS	
		BEFORE INSTALLATION	AFTER INSTALLATION		
88810-T4CAPQQH (Front Cap)	Cap B				Cap B does not have a marking groove.
	Cap A				
88820-AACAPQQH (Rear Cap)	Cap A				Cap A does not have a marking groove.
	CAP B				

**FRONT SEAT BELT PRETENSIONER PROTECTION CAP INSTALLATION
(SAME FOR DRIVER SIDE AS PASSENGER SIDE)**

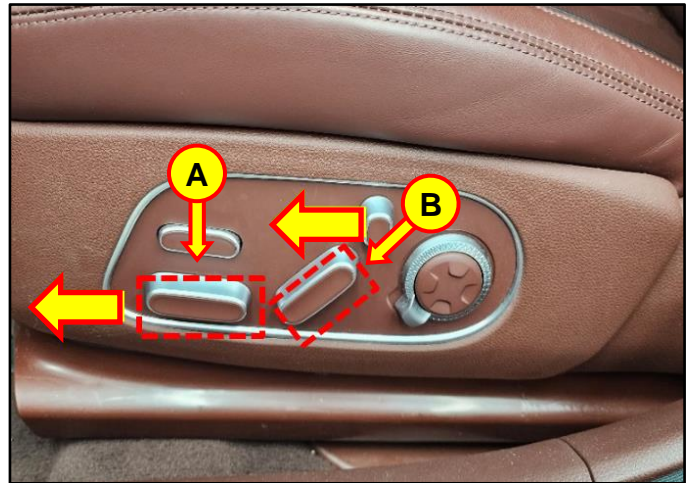
1. If applicable, record the customer's radio preset stations for AM / FM / SXM.

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.

Lower the rear sun shade.

Turn off the ignition of the vehicle.



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

Tightening Torque for the Negative Battery Terminal:

lb-ft	7
N.m	9



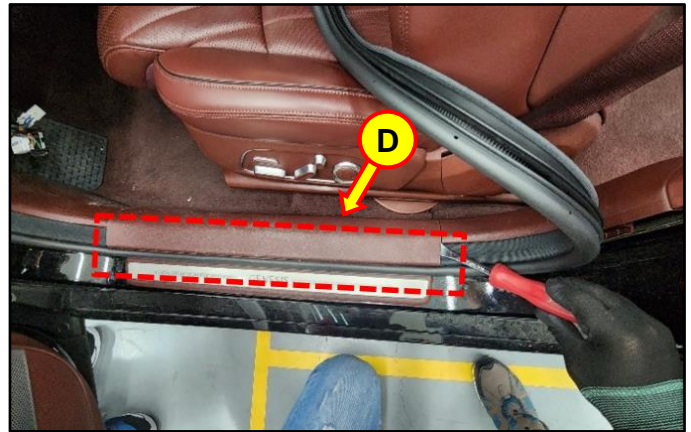
3. Partially remove the front door body side weather strip (C).



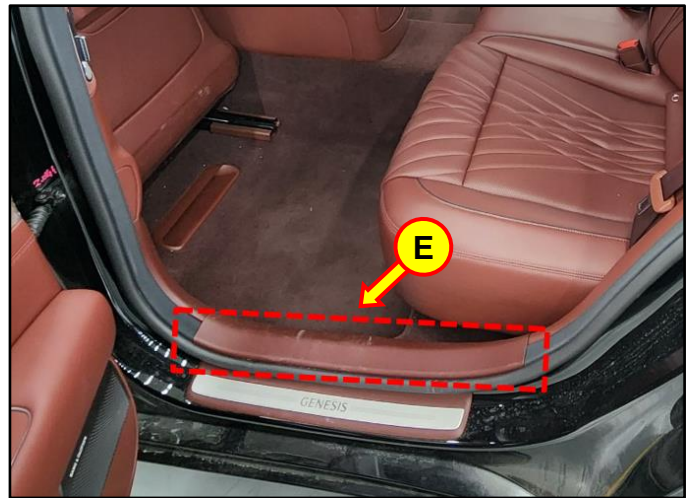
- Remove the front door scuff trim (D) using the trim tool.

NOTICE

Be careful not to damage trims and panels.



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



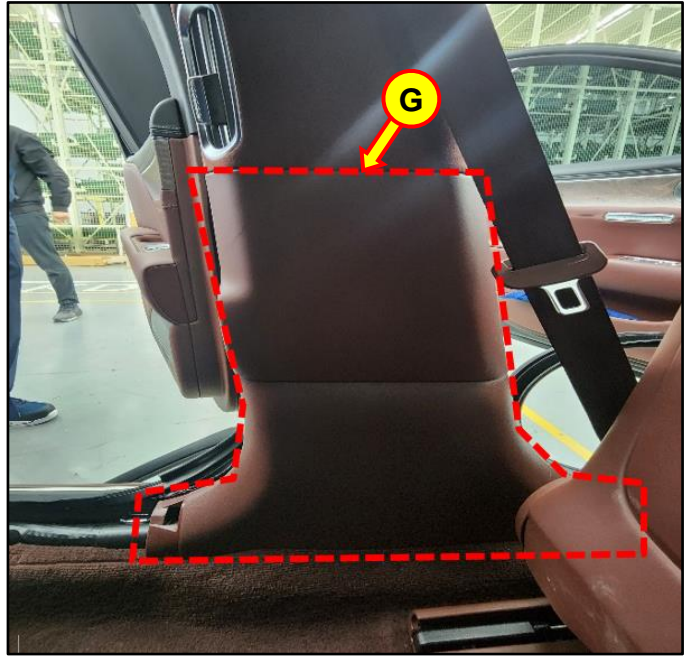
- Remove the rear door body side weather strip (F).

NOTICE

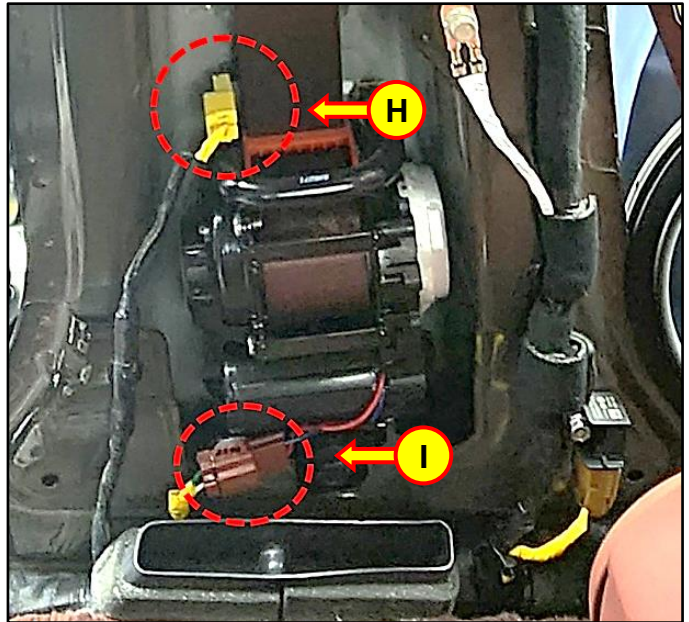
Take care not to damage the pretensioner when removing or installing the seat belt.



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



8. Disconnect the front seat belt pretensioner connector (H) and preactive seat belt (PSB) connector (I).



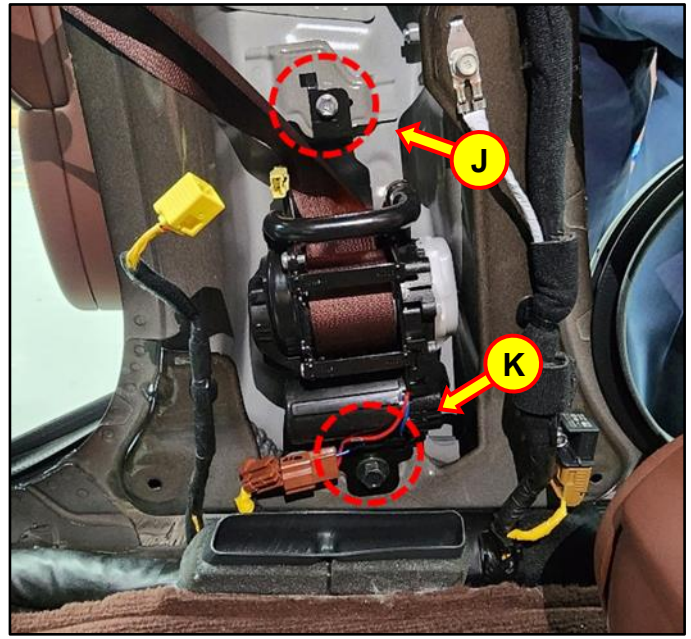
9. Loosen the mounting bolts (J & K) and remove the front seat belt pretensioner.

Tightening Torque – Bolt (J):

lb-ft	8
N.m	10

Tightening Torque – Bolt (K):

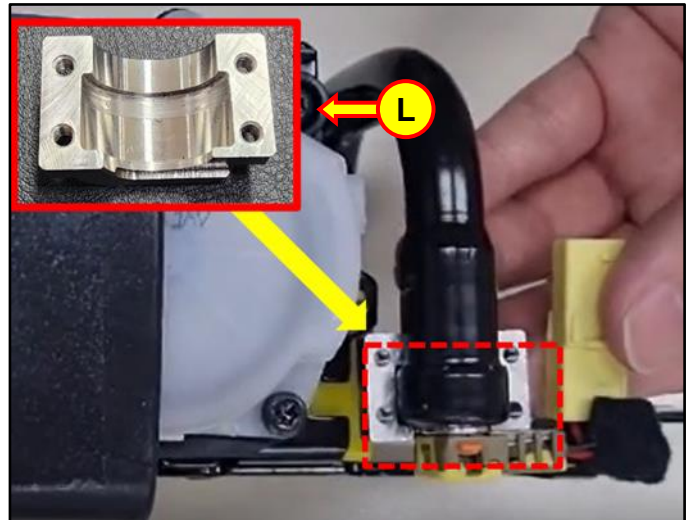
lb-ft	35
N.m	48



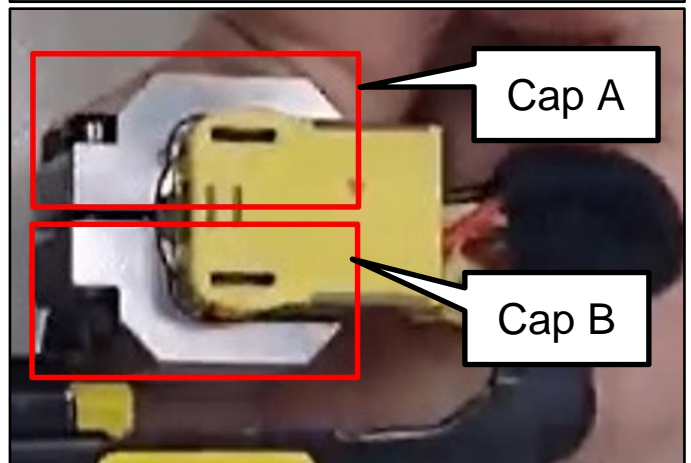
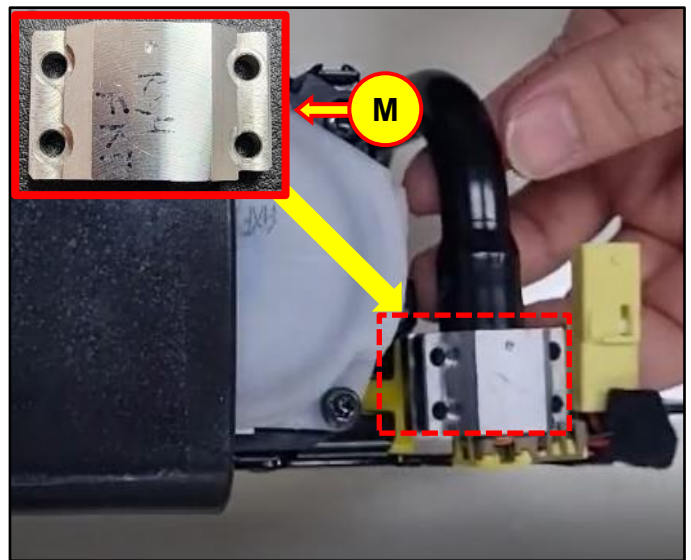
10. Install Cap B (L).

i Information

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



11. Install Cap A (M).



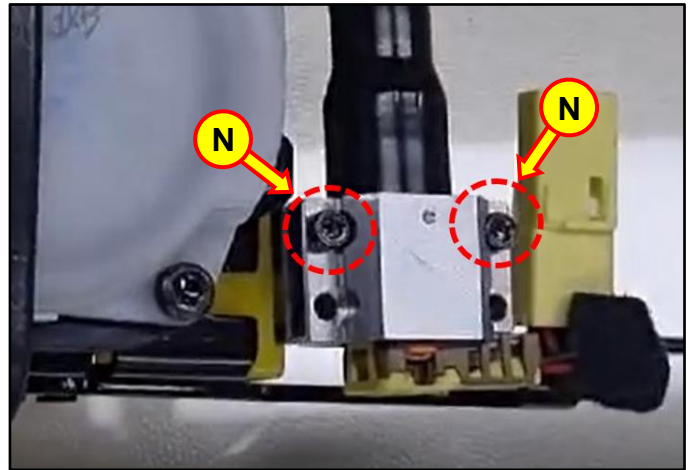
12. Tighten the cap top bolts (N).

Tightening Torque:

lb-ft	1.7
N.m	2.35

i Information

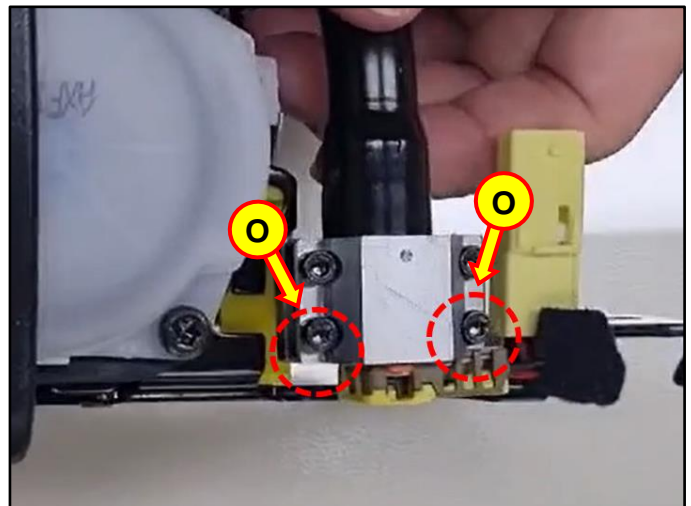
When tightening the bolts, hold the bottom of the cap securely by hand.



13. Tighten the cap bottom bolts (O).

Tightening Torque:

lb-ft	1.7
N.m	2.35



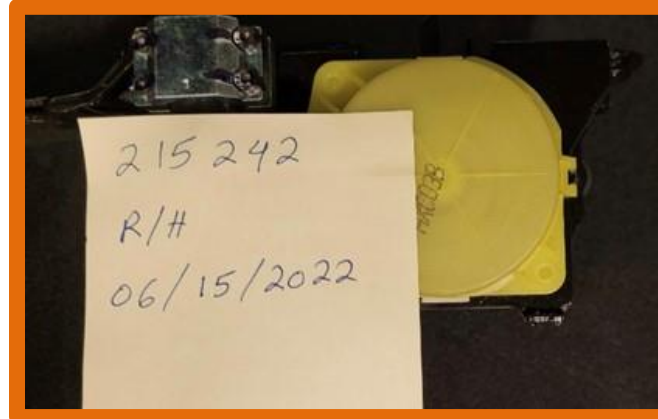
14. Mark all 4 bolts with paint after installing.

STUI



Using STUI, take a photo of the pretensioner with the last 6 digits of the VIN and the date of repair on a piece of paper of the front driver (LH) and passenger (RH) sides.

Upload the photos to STUI.



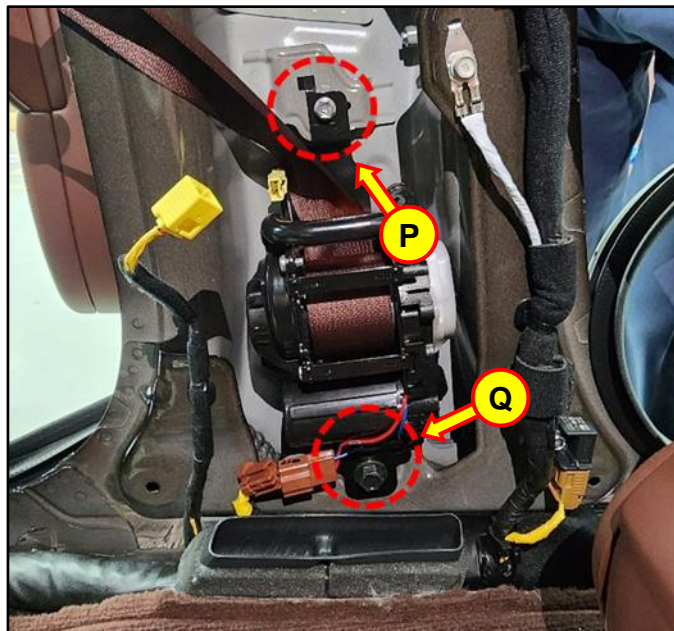
15. Torque the seat belt pretensioner mounting bolts (P & Q) to specifications.

Tightening Torque – Bolt (P):

lb-ft	8
N.m	10

Tightening Torque – Bolt (Q):

lb-ft	35
N.m	48



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

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

NOTICE

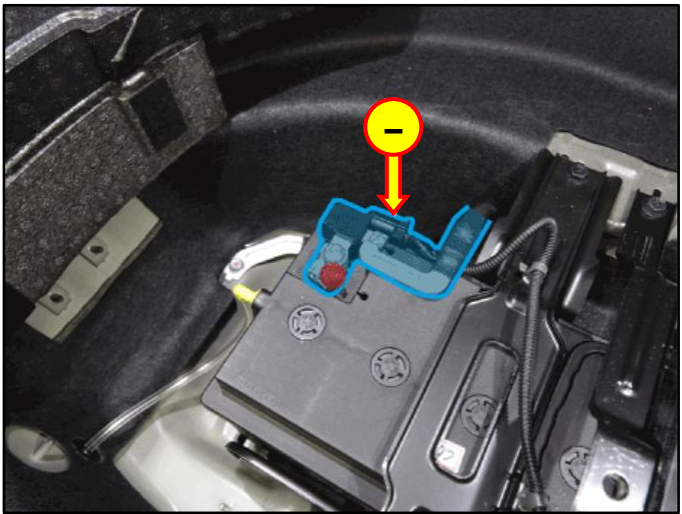
When the ignition switch is turned on after installing the pretensioners, check that the warning light is turned on and then off for about 6 seconds.
Install the connectors securely.

**REAR SEAT BELT PRETENSIONER PROTECTION CAP INSTALLATION
(SAME FOR DRIVER SIDE AS PASSENGER SIDE)**

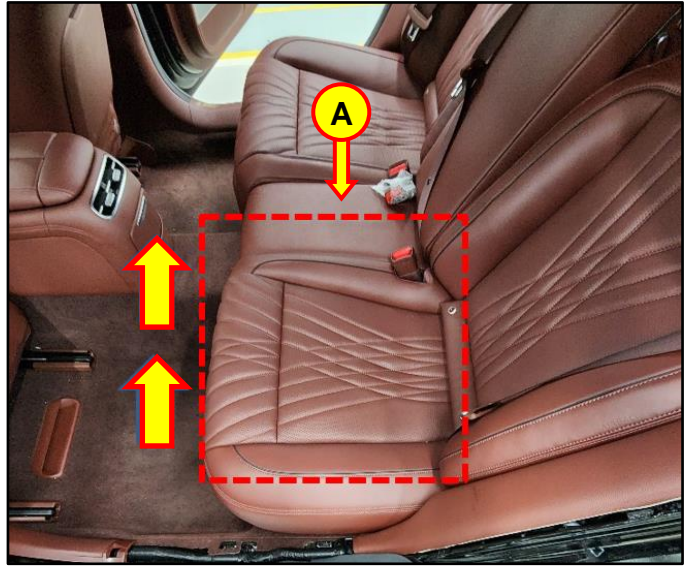
1. Disconnect the negative (-) battery terminal. Battery is located under luggage board.

Tightening Torque:

lb-ft	7
N.m	9



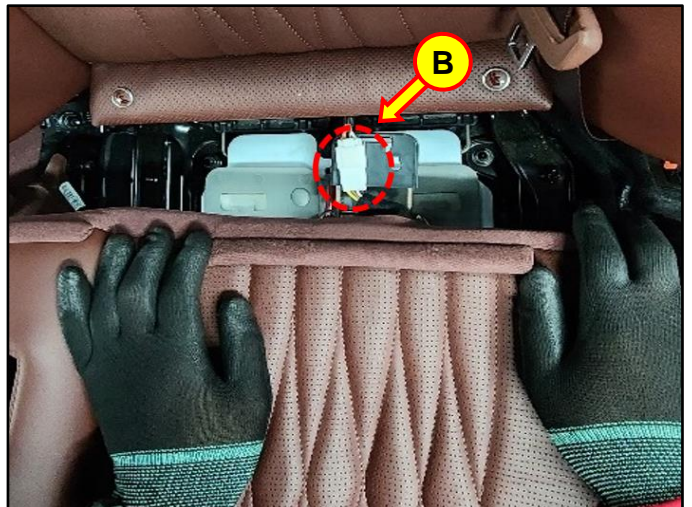
- Remove the rear seat cushion assembly (A) by lifting it upwards.



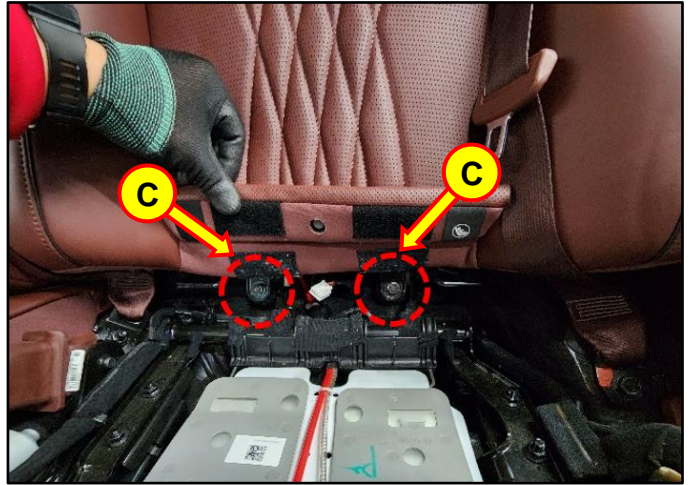
- Remove the rear seat heater connector (B).

Tightening Torque:

lb-ft	20
N.m	27



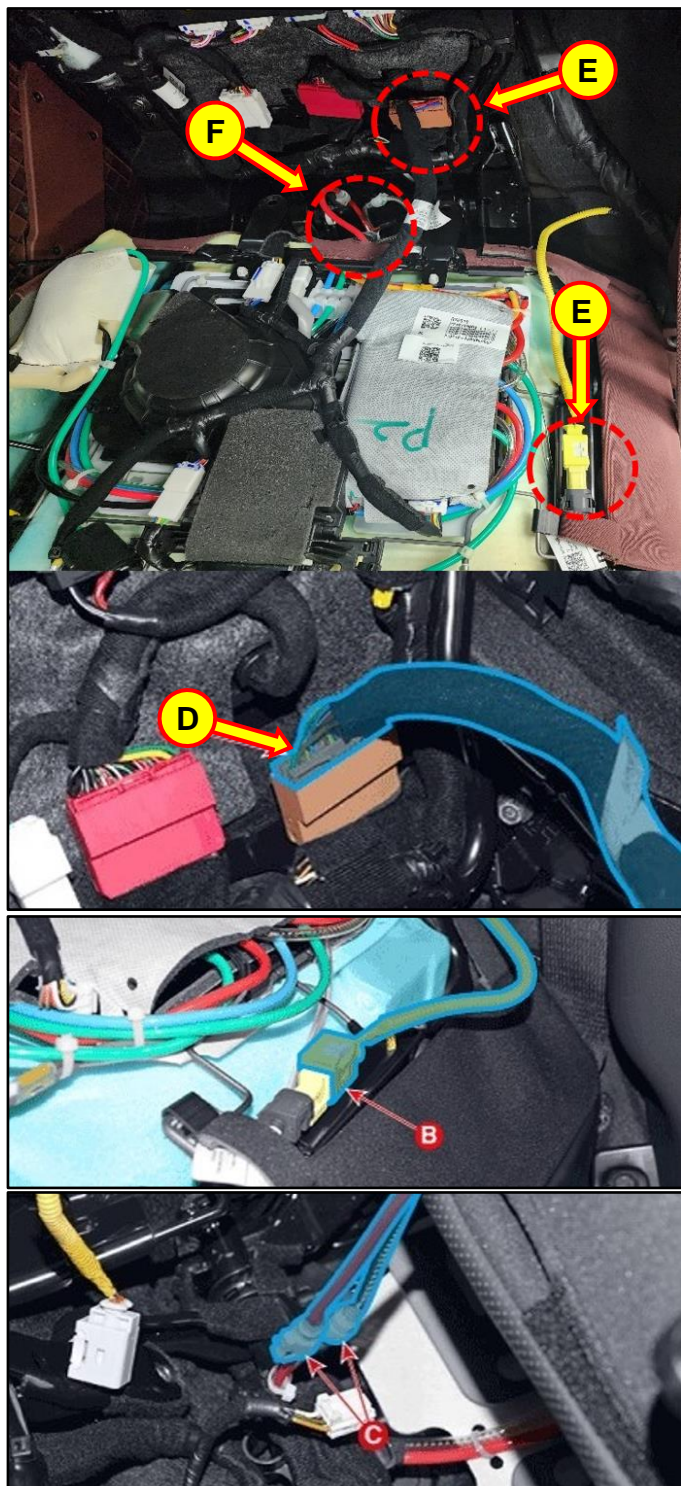
4. After removing the bolts (C), remove the rear seat back assembly by pulling it upward.



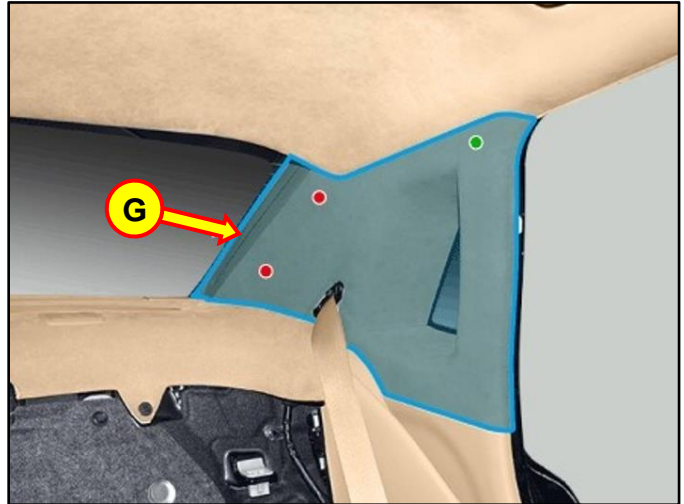
5. Disconnect the rear seat back connector (D),
airbag connector (E), and
lumbar support tube (F).

NOTICE

Be careful not to damage pretensioner
when removing or installing the seat belt.



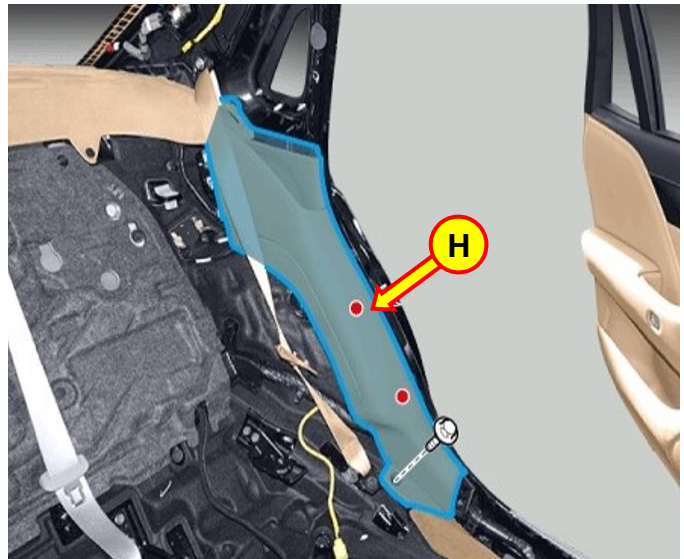
6. Remove the rear pillar trim (G) with care to not damage the fasteners.



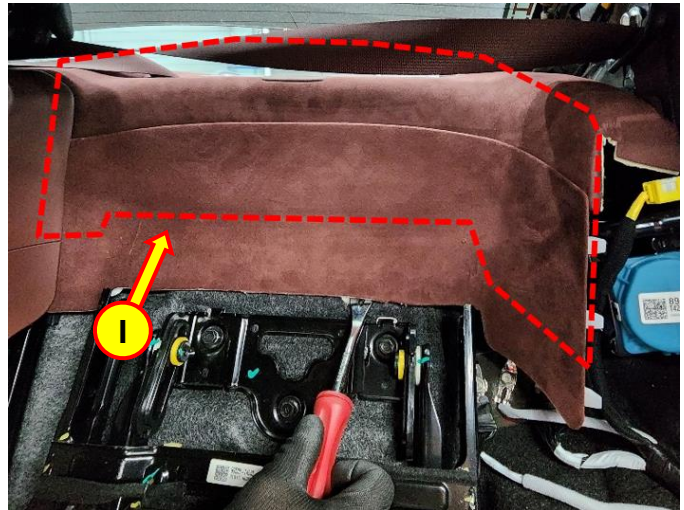
7. After removing the bolts, remove the rear wheel house trim (H).

Tightening Torque:

lb-ft	8
N.m	10



8. Remove the rear package tray lower trim (I) using the trim tool.



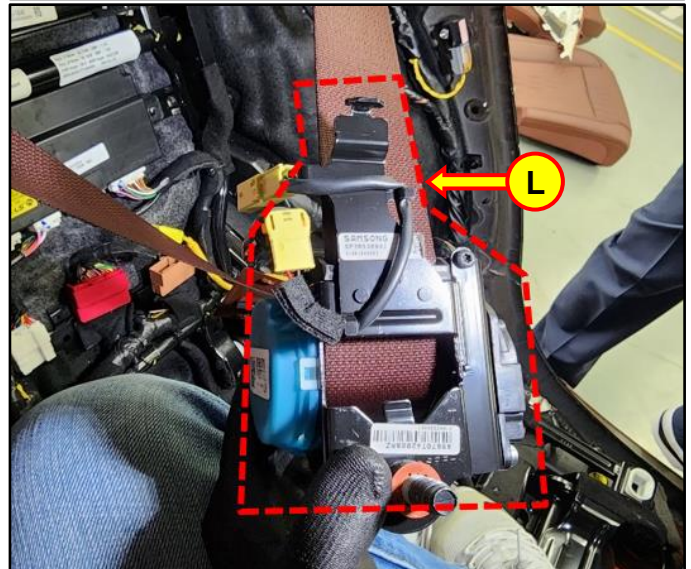
- Disconnect the rear seat belt pretensioner connector (J).



- After removing the bolt (K), remove the rear seat belt pretensioner (L).

Tightening Torque – Bolt (K):

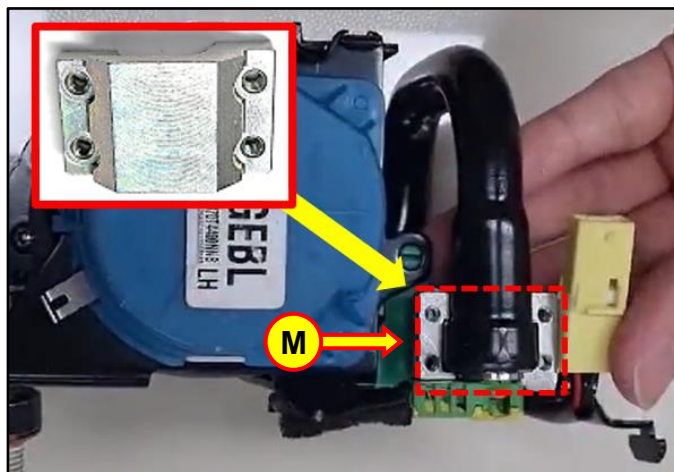
lb-ft	35
N.m	48



11. Install Cap A (M).

i Information

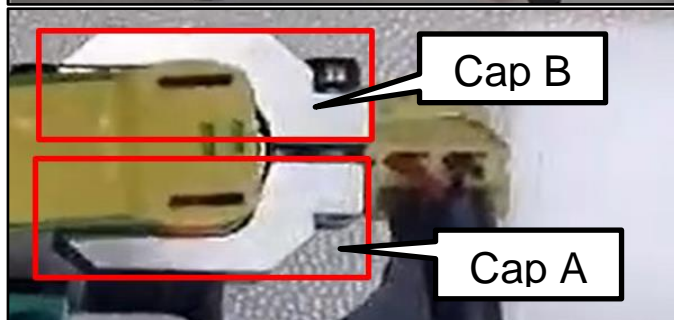
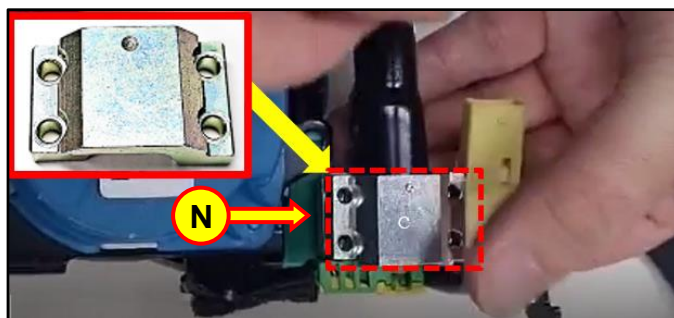
Check if the installation direction of the cap matches the figure.



12. Install Cap B (N).

i Information

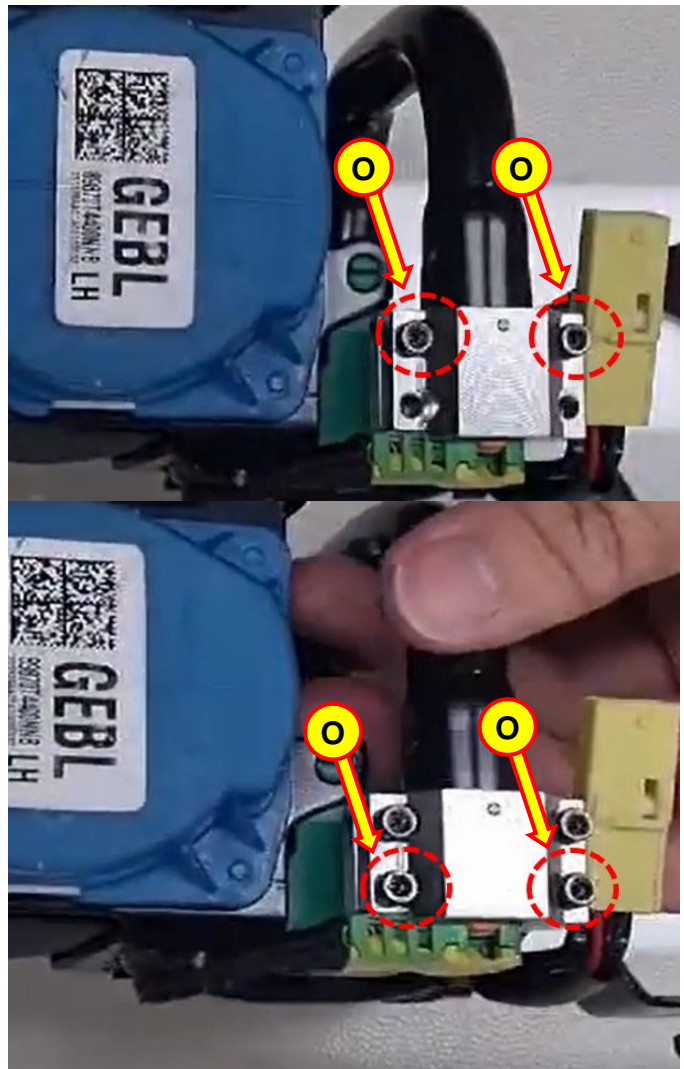
Check if the installation direction of the cap matches the figure.



13. Tighten the cap bolts (O).

Tightening Torque:

lb-ft	1.7
N.m	2.35



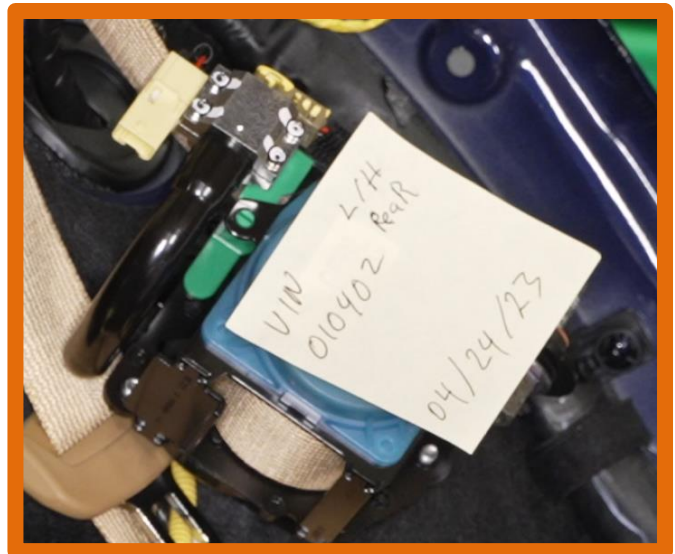
14. After installing, mark all 4 bolts with paint.

STUI



Using STUI, take a photo of the pretensioner with the last 6 digits of the VIN and the date of repair on a piece of paper of the driver (LH Rear) and passenger (RH Rear) sides.

Upload the photos to STUI.



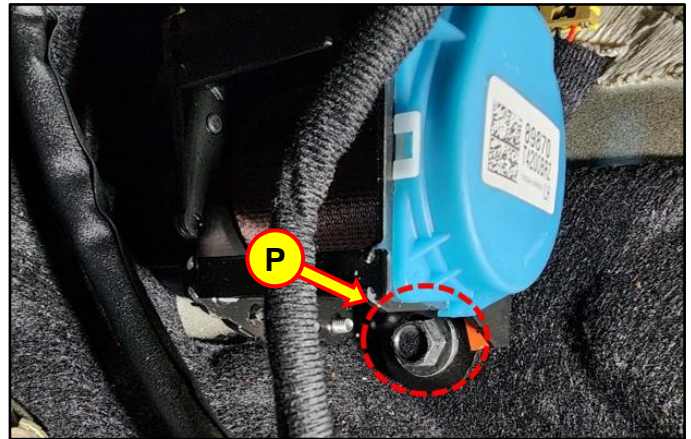
15. Torque the rear seat belt pretensioner mounting bolt (P) to specifications.

Tightening Torque – Bolt (P):

lb-ft	8
N.m	10

***i* Information**

When installing, be careful not to twist the seat belt.



16. Install rear seat belt pretensioner in the reverse order of removal.
17. Repeat procedure steps 2-16 on the passenger's side.

Reprogram the customer's preset radio stations if needed.

***i* Information**

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.