

	GROUP	MODEL
	Safety Recall Campaign	2021-2022MY Sorento HEV (MQ4 HEV) 2022MY Sorento PHEV (MQ4 PHEV)
	NUMBER	DATE
	SC241	July 2022

SAFETY RECALL CAMPAIGN

SUBJECT:

SEAT BELT PRETENSIONER MGG PROTECTION CAP INSTALLATION (SC241)

This bulletin provides information for the installation of Micro Gas Generator (MGG) protection caps on the front driver-side and passenger-side seat belt pretensioners on certain 2021-2022MY Sorento (P/HEV) (MQ4) vehicles described in the table below:

MY	Model	Production Date
2021-2022	Sorento HEV	09/02/2020 to 05/18/2022
2022	Sorento PHEV	06/29/2021 to 05/16/2022

The front driver-side and passenger-side seat belts in the subject vehicles contain pyrotechnic-type pretensioners that may deploy abnormally due to over-pressurization of the pretensioner pipe during certain crashes. An abnormal pretensioner deployment could cause metal fragments to enter the vehicle occupant compartment, increasing the risk of injury. Follow the procedure outlined in this publication to install the MGG protection caps on the seat belt pretensioners. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

BEST PRACTICES

When scheduling a customer repair with limited parts availability and parts ordering restriction requiring VIN entry to order the part, it is recommended that the part be ordered at the time the appointment is scheduled so that it can be available when the customer arrives at your dealer on the appointment date.

NOTICE

There is no charge to the vehicle owner for this repair. Under applicable law, you may not sell or otherwise deliver any affected vehicle until it has been repaired pursuant to the procedures set forth in this bulletin.

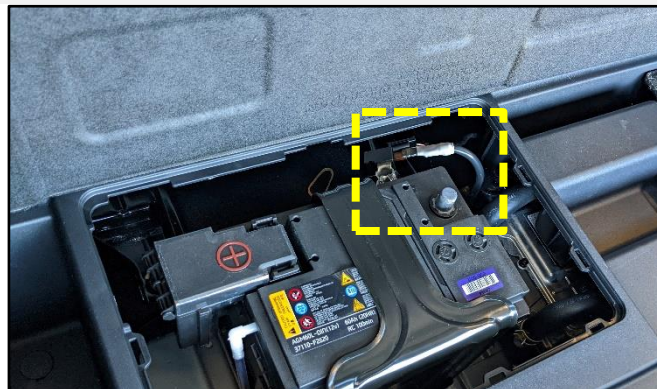
To assure complete customer satisfaction, always remember to refer to WebDCS Warranty Coverage (validation) Inquiry Screen (Service → Warranty Coverage → Warranty Coverage Inquiry) for a list of any additional campaigns that may need to be performed on the vehicle before returning it to the customer.

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Repair Procedure:

- 1a. Open the rear door.
- 1b. Open the tool box cover to access battery.
- 1c. Disconnect the negative (-) battery terminal.

⚠ CAUTION

Wait for at least 3 minutes before attempting to disconnect any electrical connections.



2. Partially detach the door rubber seal from both front and rear driver (left) doors, enough to clear the center pillar lower trim area.

❗ IMPORTANT

The repair outlined in this publication will be applied to both front driver (left) and passenger (right) side seat belt pretensioners.



3. Remove the bottom seat belt retaining bolt (A).



Tightening torque for bolt (A):
28.9 - 39.7 lb.ft (39.2 - 53.9 N.m)

📄 NOTICE

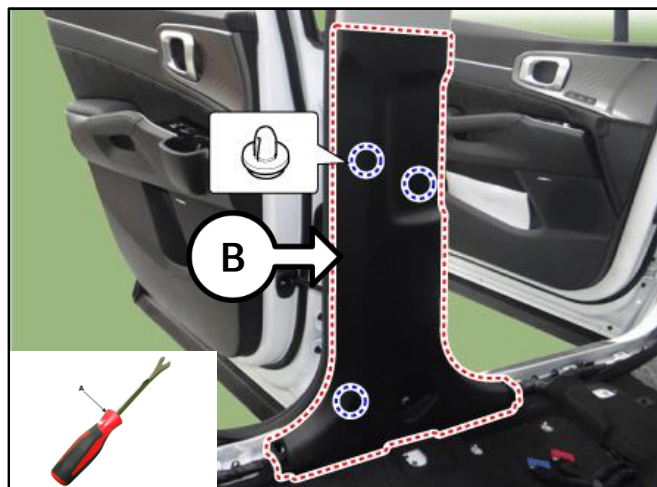
Use a non-marring trim removal tool (such as Snap-on® Part Number PBN5 or equivalent) to avoid damaging trim pieces.



4. Carefully detach and remove the center pillar lower trim (B).

📄 NOTICE

Replace any damaged fasteners during removal, P/N 82315 2P000.

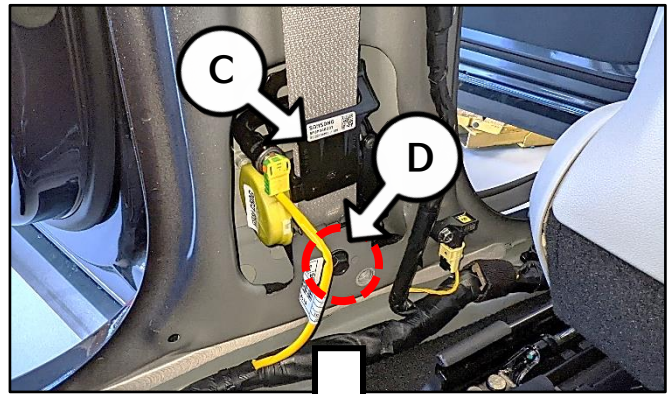


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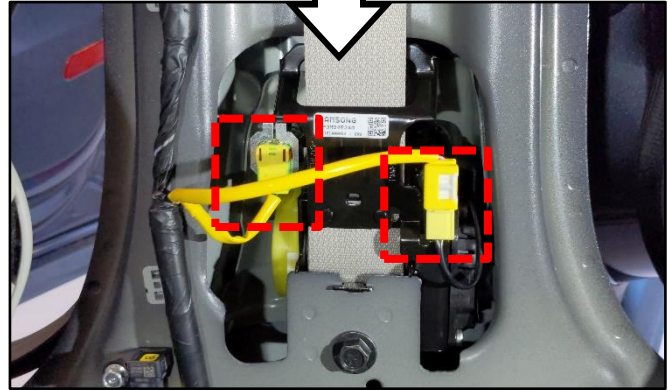
- 5a. Remove the seat belt pretensioner (C) retaining bolt (D).



Tightening torque for bolt (D):
28.9 - 39.7 lb.ft (39.2 - 53.9 N.m)



- 5b. Disconnect the two (2) connectors.



Click

For additional tips, information, click the icon or scan the QR code to watch MGG Cap Kit Installation video (Steps 6-7).

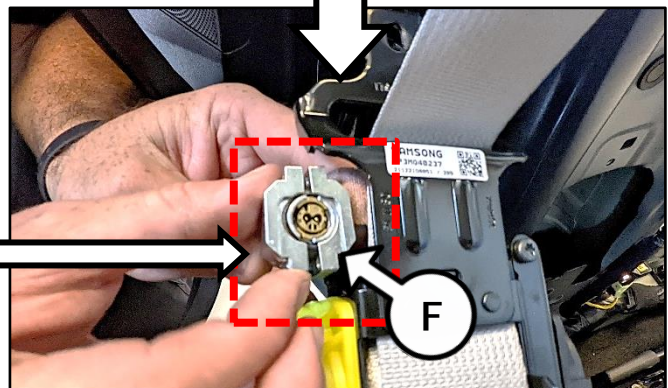
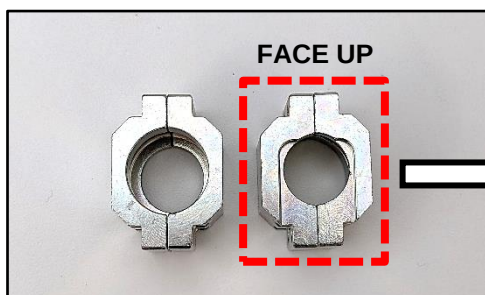
Scan



- 5c. Place the pretensioner down on the floor and locate the Micro Gas Generator (MGG) (E) installation area.



6. Install the MGG cap (F) in the direction shown.



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7. Install the four (4) MGG cap (F) retaining screws.



Tightening torque for screws:
18 - 22 lb.in (2.1 - 2.6 N.m)



Note: Dimple dot marking on the surface of the outside (left) MGG cap.

CAUTION

Ensure to evenly space the gap between the opposite cap ends as screws are tightened. Uneven tightening of the cap screws can cause the cap end(s) to crack. DO NOT exceed the recommended torque specification.



8. Reinstall all removed parts in the reverse order of removal.

Note: Replace any damaged clips during removal.

9. Repeat steps 2-8 for the opposite side, front seat belt pretensioner.
10. Reconnect the negative battery terminal. Turn ignition 'ON' and the SRS indicator lamp should be turned 'ON' for 6 seconds and then turn 'OFF'.
11. Confirm normal vehicle operation and that all warning lights are OFF.

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AFFECTED VEHICLE RANGE:

Model	Production Date Range
Sorento HEV (MQ4 HEV)	September 2, 2020 to May 18, 2022
Sorento PHEV (MQ4 PHEV)	June 29, 2021 to May 16, 2022

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
Seat Belt Pretensioner MGG Cap Kit	88820 AACAPQQK		1
Fastener*	82315 2P000		3 per side (if needed)

*Replace only if damaged.

WARRANTY INFORMATION:

N Code: N99 C Code: C99

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	898PO S1000	0	(SC241) Seat Belt Pretensioner MGG Protection Cap Installation	221079R0	0.7 M/H	88820 AACAPQQK and 82315 2P000 (up to 6)	1

Refer to Warranty Bulletin 2022-27 for claim submission procedures.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC241 when accessing the WebDCS system.