



GROUP	MODEL
Safety Recall Campaign	2022-2024MY EV6 (CV) and 2024MY EV9 (MV)
NUMBER	DATE
SC375	July 2026

SAFETY RECALL CAMPAIGN

SUBJECT:

HIGH VOLTAGE BATTERY REPLACEMENT (SC375)

This bulletin provides information to replace the Battery System Assembly (BSA) on certain 2022-2024MY EV6 (CV) and 2024MY EV9 (MV) vehicles as listed in the table below. Due to a quality deviation, certain battery cells within the high-voltage battery system assembly manufactured in limited production periods may have been produced with a misaligned electrode. Over time, a misaligned electrode may result in an internal short circuit in certain situations, thereby increasing the risk of fire. A fire increases risk of Injury. Follow the procedure outlined in this publication to replace the Battery System Assembly (BSA) on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

Model	VIN	Production Date	Replacement Battery Assembly Part Number
CV	KNDC3DLC5N5030848	December 30, 2021	37501 CV051
	KNDC34LAXP5602207	December 16, 2022	37501 CV051
	KNDC44LA3P5109997	December 19, 2022	37501 CV051
	KNDC5DLE3P5116657	January 18, 2023	37501 CV701
	KNDC4DLC9R5165513	July 27, 2023	37501 CV051
	KNDC3DLC5R5166032	July 28, 2023	37501 CV051
	KNDC3DLC7R5615372	September 14, 2023	37501 CV051
MV	KNDAEFS51R6020561	October 28, 2023	37501 DO050

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.

Repair status for a VIN is provided on KDealer+ (Service → Warranty → Warranty Coverage Inquiry). Not completed Campaign reports are available on KDealer+ (Service → Campaigns → Open Campaign Report), which includes a list of affected vehicles.

This issue number is SC375.

A printed copy is for reference only; publication information can be updated at any time. Always refer to KGIS for the latest information. After logging in kdealer.com, the newest technical publications are listed in 'Service Releases' and has the latest service information that has been released.

⚠ WARNING

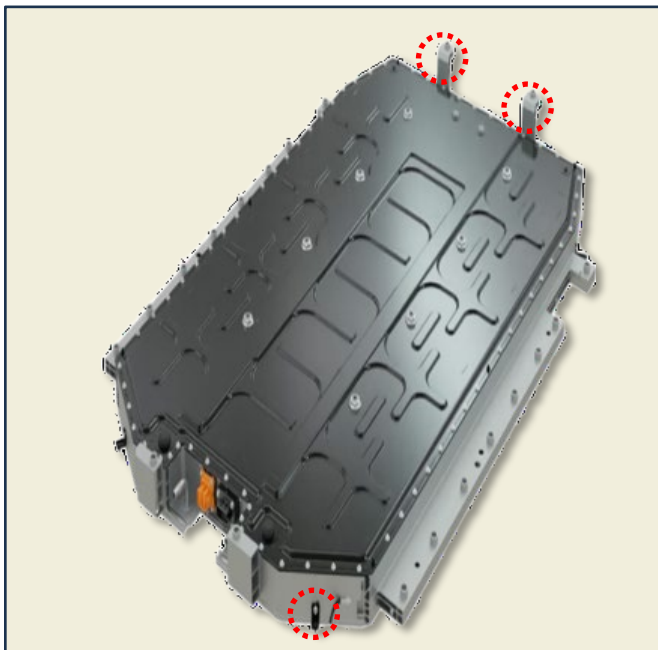
- Wear appropriate Personal Protective Equipment (PPE) before performing any work on high-voltage systems.
- Use insulated tools when servicing high-voltage systems.
- Follow all applicable shop manual procedures and instructions.

① IMPORTANT

The removed center BSA fasteners may be reused. Clean all sealant and foreign material from the seating surfaces and threads. Inspect the threads for damage or defects. Replace any fastener with damaged or defective threads.

OK**NG****📄 NOTICE**

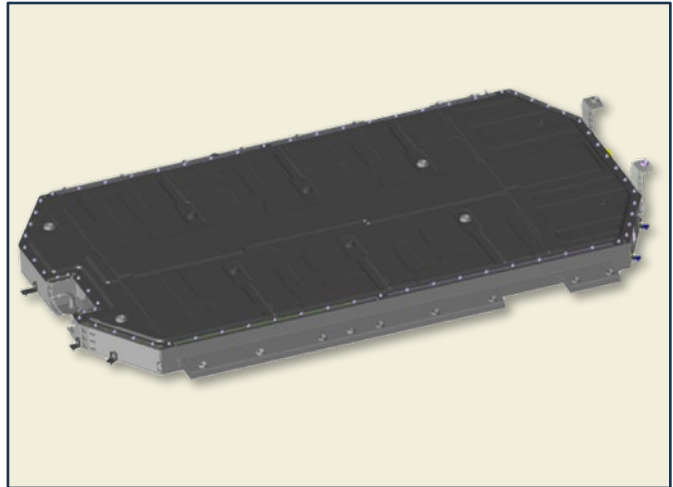
With the BSA removed, inspect the assembly and verify the presence of all brackets and other components that are not supplied pre-installed on the new unit.



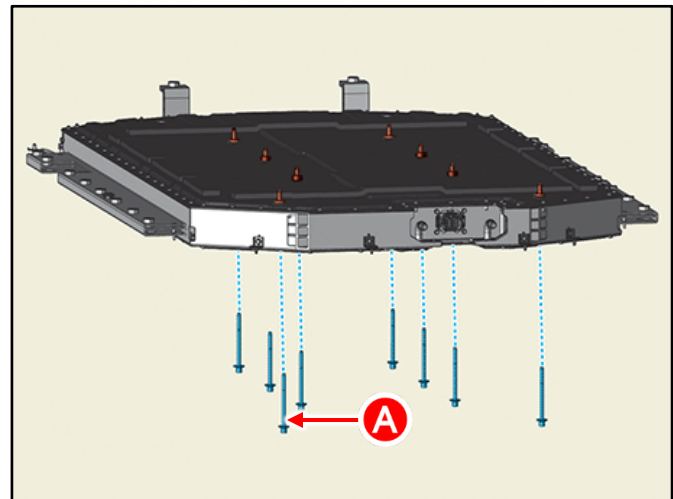
SUBJECT:

HIGH VOLTAGE BATTERY REPLACEMENT (SC375)**Replacement Procedure (EV6):**

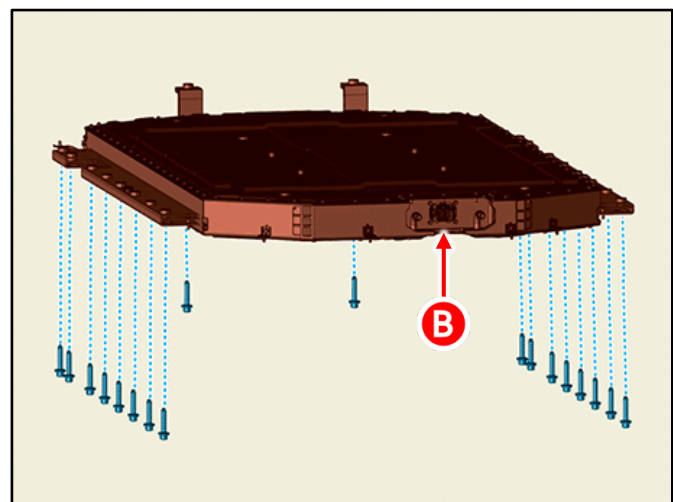
1. Replace the Battery System Assembly (BSA) by referring to "Battery Control System (Long Range) → High Voltage Battery System → Battery system Assembly (BSA) → Removal" in the applicable Shop Manual on KGIS.



Tightening torque for nut/bolt (A):
50.6 - 65.1 lb.ft (68.6 - 88.3 N.m)



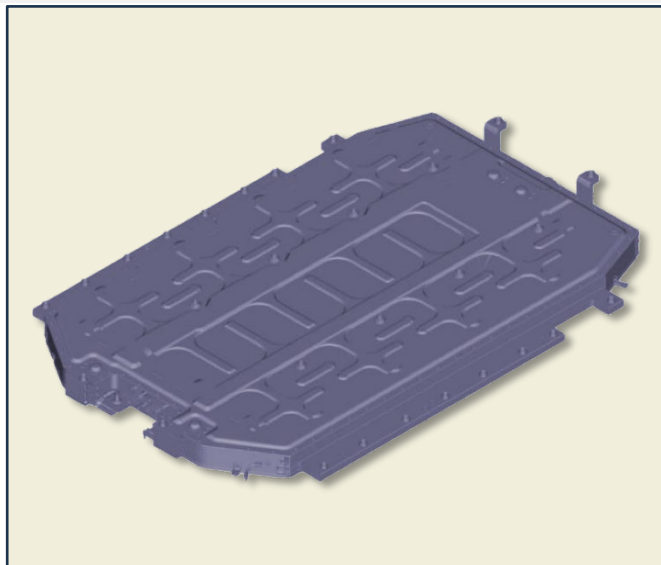
Tightening torque for nut/bolt (B):
86.8 - 101.3 lb.ft (117.7 - 137.3 N.m)



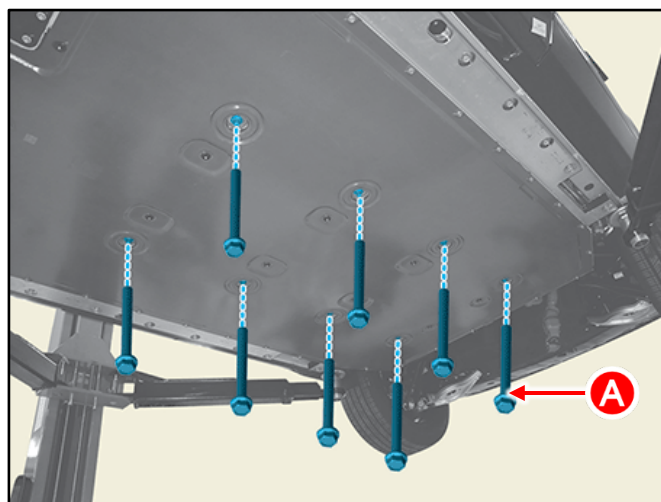
2. Reinstall all removed parts in the reverse order of disassembly.

Replacement Procedure (EV9):

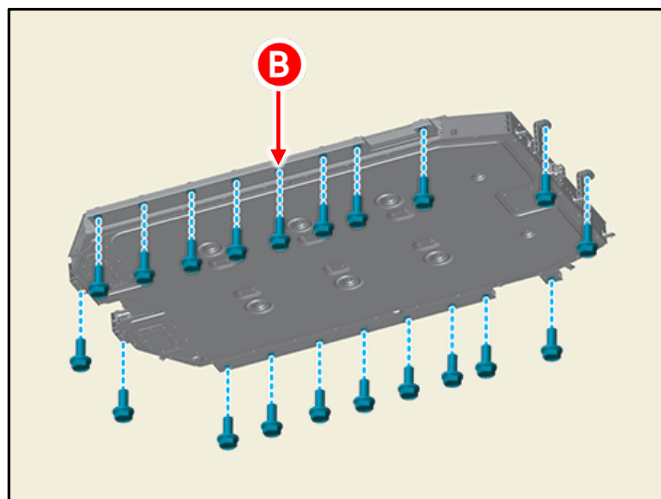
1. Replace the Battery System Assembly (BSA) by referring to "Battery ControlSystem → High Voltage Battery System → Battery system Assembly (BSA) → Removal and Installation" in the applicable Shop Manual on KGIS.



Tightening torque for nut/bolt (A):
50.6 - 65.1 lb.ft (68.6 - 88.3 N.m)



Tightening torque for nut/bolt (B):
86.8 - 101.3 lb.ft (117.7 - 137.3 N.m)



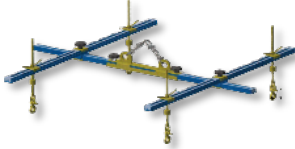
SUBJECT:

HIGH VOLTAGE BATTERY REPLACEMENT (SC375)

AFFECTED VEHICLE RANGE:

Model	VIN	Production Date	Replacement Battery Assembly Part Number
CV	KNDC3DLC5N5030848	December 30, 2021	37501 CV051
	KNDC34LAXP5602207	December 16, 2022	37501 CV051
	KNDC44LA3P5109997	December 19, 2022	37501 CV051
	KNDC5DLE3P5116657	January 18, 2023	37501 CV701
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	KNDC3DLC5R5166032	July 28, 2023	37501 CV051
	KNDC3DLC7R5615372	September 14, 2023	37501 CV051
MV	KNDAEFS51R6020561	October 28, 2023	37501 DO050

REQUIRED TOOL:

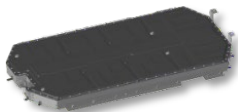
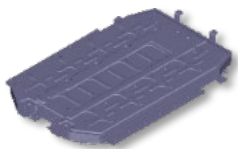
Tool Name	Part Number	Figure	Location
Coolant Injection/Drain Equipment	OK253 J2300		O/H 2
BSA Transport Hanger	09375 K4100		Shop
BSA Guide Pins	09375 BF000		Drawer 8



SUBJECT:

HIGH VOLTAGE BATTERY REPLACEMENT (SC375)

REQUIRED PART:

Model	Part Name	Part Number	Figure	Qty.	Comments
CV	Battery System Assembly (BSA)	37501 CV051		1	Refer to TSB ELE044 for ordering and return procedures. *TLPWA not required.
		37501 CV701*			*For VIN KNDC5DLE3P5116657
	Coolant	UM020 CH263		6	Gallons
	Center Bolt and Washer Assembly	37535 GI050	N/A	8	As Needed
	Outer Bolt and Washer Assembly	37535 CV500		18	
MV	Battery System Assembly (BSA)	37501 DO050		1	Refer to TSB ELE044 for ordering and return procedures. *TLPWA not required
	Coolant	UM020 CH263		6	Gallons
	Center Bolt and Washer Assembly	37535 DO050	N/A	8	As Needed
	Front Bolt and Washer Assembly	37535 DO000		2	
	Outer Bolt and Washer Assembly	37535 DO500		18	

Note: The replacement part numbers will require a VIN entry for parts ordering. DO NOT order these parts for stocking purposes, related to this Campaign. Supply is very limited. Until supply stabilizes, please confirm part availability before scheduling customers. Please be sure to expedite warranty claim filing.

SUBJECT:

HIGH VOLTAGE BATTERY REPLACEMENT (SC375)**WARRANTY INFORMATION:****N Code: N99 C Code: C99**

Model	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
CV	R	37501 CV050	0	(SC375) BSA Replacement	261322R0	2.4 M/H	37501 CV051 or 37501 CV701	1
							UM020 CH263	6 gallons
							37535 GI050	8 Qty. (As Needed)
							37535 CV500	18 Qty. (As Needed)
MV		37501 DO050	1		261322R1		UM020 CH263	6 gallons
							37535 DO050	8 Qty. (As Needed)
							37535 DO000	2 Qty. (As Needed)
							37535 DO500	18 Qty. (As Needed)

Note: Refer to [Warranty Bulletin 2026-24](#) for claim submission procedures. When substitute transportation is provided, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SC375** when accessing the KDealer+ system.

