



GROUP	MODEL
ELE	2025MY EV6 (CVa) <u>and</u> 2026 EV9 (MVa)
NUMBER	DATE
409	December 2025

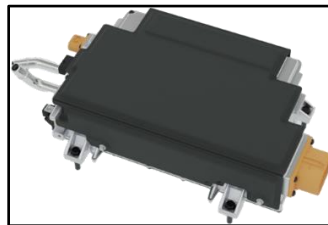
TECHNICAL SERVICE BULLETIN

SERVICE ACTION: INTEGRATED CHARGE CONTROLLER UNIT REPLACEMENT (SA639)

This bulletin provides instructions for replacing the Integrated Charge Controller Unit (ICCU) on certain 2025 model year EV6 (CVa) and 2026 EV9 (MVa) vehicles produced between February 21, 2025, and September 18, 2025. Affected vehicles may exhibit Diagnostic Trouble Code (DTC) P2E9092 related to the Battery Charger "A" Internal Power Supply, resulting in an inability to charge under Level 1 or Level 2 conditions. Follow the procedure in this bulletin to replace the ICCU on applicable vehicles. Before performing the repair, confirm that the vehicle is included in the affected VIN list.

Model	Production Date Range
EV6 (CVa)	February 21, 2025, and September 18, 2025
EV9 (MVa)	February 21, 2025, and September 18, 2025

DTC Description: Battery Charger "A" internal Power Supply: Performance or Incorrect Operation



NOTICE

A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

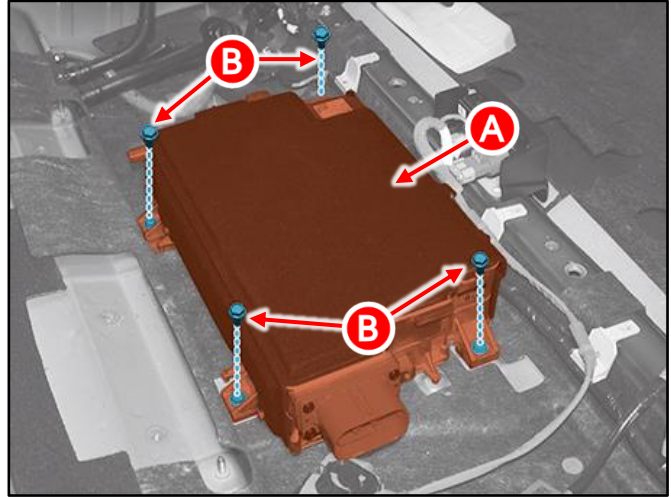
This issue number is SA639.

Repair Procedure For EV6 (CVa):

1. Replace the ICCU (A) by referring to "High Voltage Charging System → Integrated Control Unit (ICCU) → Removal and Installation Repair procedures" in the applicable Shop Manual on KGIS.



Tightening torque for ICCU Case to Body Bolts (B): 14.5 - 17.3 lb.ft (19.6 - 23.5 N.m)

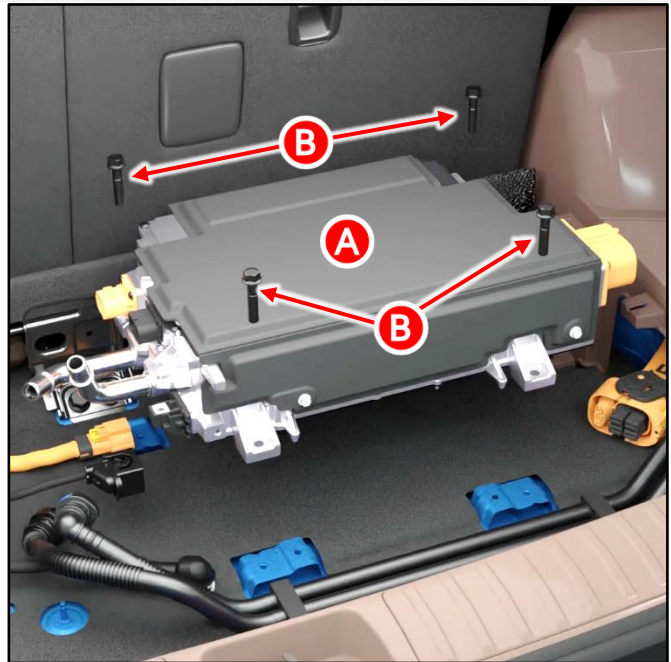


Repair Procedure For EV9 (MVa):

- Replace the ICCU (A) by referring to "High Voltage Charging System → Integrated Control Unit (ICCU) → Removal and Installation" in the applicable Shop Manual on KGIS.



Tightening torque for ICCU Case to Body (B): 14.5 - 17.3 lb.ft (19.6 - 23.5 N.m)






SUBJECT:



INTEGRATED CHARGE CONTROLLER UNIT (SA639)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
EV6 (CVa)	February 21, 2025, and September 18, 2025
EV9 (MVa)	February 21, 2025, and September 18, 2025

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Kia Diagnostic System (KDS)	N/A		KDS + VCI
Coolant Drain/Injection Equipment	OK253 J2300		Located at O/H 2
Cap Adapter	OK253 J2320		

REQUIRED PART:

Part Name	Part Number	Figure	Qty.
(EV9) ICCU ASSY	36400 1XHDO		1
(EV6) ICCU ASSY	36400 1XFD5		1
Coolant/Antifreeze	UM020 CH263		5 gallons

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.		
EV6 (CVa)	V	36400 1XFA5	0	(SA639) ICCU ASSY	250A54R1	2.0 M/H	36400 1XFD5	1		
				Part Replacement +				UM020 CH263	5	
EV9 (MVa)						Coolant Drain/Injection	250A54R0	1.9 M/H	36400 1XHDO	1
										UM020 CH263

Note: When substitute transportation is provided, manually enter sublet code X2 for rental expense reimbursement or one roundtrip rideshare expense. Make sure to submit any substitute transportation claim at the time of the warranty expense.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SA639** when accessing the KDealer+ system.

