



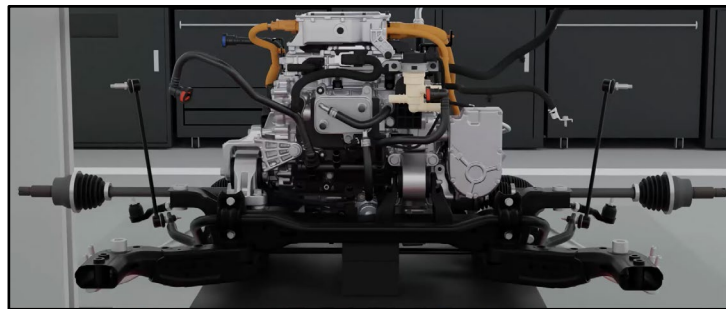
GROUP	MODEL
ELE	2025MY EV9 (MV1a)
NUMBER	DATE
393	August 2025

TECHNICAL SERVICE BULLETIN

SUBJECT: SERVICE ACTION: FRONT MOTOR AND REDUCTION GEAR (GDU) ASSEMBLY REPLACEMENT (SA622)

This bulletin provides information to replace the Front Motor Reduction Gear Assembly (GDU) on certain 2025MY EV9 (MV1a) vehicles produced from November 25, 2024 through December 06, 2025 that were assembled at the Kia assembly plant in the US. The affected vehicles may experience abnormal noise coming from the front GDU which is caused by a missing wave washer from the motor inside the front GDU. Follow the procedure outlined in this publication to replace the front GDU on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

Affected VINs	
5XYAFFS58SG003725	5XYAFFS52SG003445
5XYAEFS58SG003498	5XYAFFS57SG003330



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.

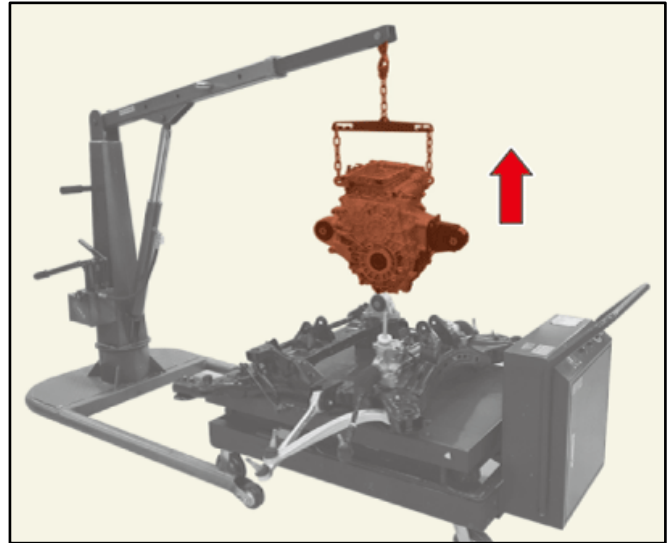
Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected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

This issue number is **SA622**.

Replacement Procedure:** DANGER**

When performing this procedure, follow all EV battery safety precaution procedures found in the “General Information → General Safety Information and Caution” chapter in the Shop Manual on KGIS and wear all required Personal Protection Equipment (PPE). Failure to follow the safety instructions may result in serious electrical injuries.

1. **Replace** the Front Motor and Reduction Gear Assembly (A) by referring to “Motor and Reduction Gear System → Front Motor and Reduction Gear Assembly → Removal → Installation” in the applicable Shop Manual on KGIS.



2. Reinstall all removed parts in reverse order of removal.
3. Confirm normal operation.

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AFFECTED VEHICLE RANGE:

Model	Production Date Range
EV9 (MV1a)	November 25, 2024 to December 06, 2025

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Engine Support Fixture (adapter)	09200 4X000		N/A
CV Joint Puller	09517 4E000		Located in Toolbox 1 Drawer 11
EV Coolant Fill and Drain	OK253 J2310		Located O/H 2
Cap Adapter D	OK253 J2350		Included in Coolant Drain and Injector OK253 J2300

REQUIRED PART:

Part Name	Part Number	Figure	Qty.	Comments
Front Motor Gear Drive Unit	44000 18JA5	N/A	1	N/A
Inverter Gasket	366G9 1XAA0	N/A	1	N/A
Castle Nut	49551 4T000	N/A	2	N/A
Clip	49557 DO000	N/A	2	N/A
Inverter Input Cover Assembly	366A7 1XAA0	N/A	1	N/A
KIA ATF SP4M-1	UM022 CH269	N/A	5	N/A
Coolant	UM020 CH263	N/A	2	Concentrate

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.
V	44000 18JA5	1	(SA622) Front Motor Gear Drive Unit Replacement	250A31R0	6.0 M/H	366G9 1XAA0	1
						49551 4T000	2
						49557 DO000	2
						366A7 1XAA0	1
						UM022 CH269	5
						UM020 CH263	2

Note: 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 SA622 when accessing the KDealer+ system.

