



GROUP	MODEL
CLI	2023MY EV6 (CV) Niro (SG2 P/HEV, SG2 EV)
NUMBER	DATE
054	September 2023

TECHNICAL SERVICE BULLETIN

AIR CONDITIONING REFRIGERANT COLLECTION AND RECHARGE (SA538)

SUBJECT:

This bulletin provides information to evacuate, vacuum, and recharge the air conditioning system on certain 2023MY EV6 (CV) vehicles produced from January 31, 2023 through June 02, 2023 and Niro P/HEV, EV (SG2 P/HEV, EV) vehicles produced from January 06, 2023 through June 02, 2023. During assembly, the affected vehicles may not have had the correct amount of R-1234yf refrigerant charged in the air conditioning system resulting in poor or inoperative air conditioning. Follow the procedure outlined in this publication to evacuate, vacuum, and recharge the air conditioning system on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.



NOTICE

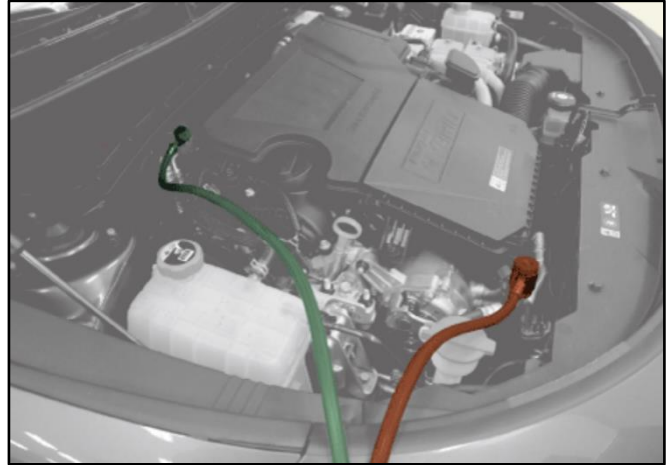
A Service Action is a repair program without customer notification that is performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

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 SA538.

Replacement Procedure:

1. Evacuate, Vacuum, and Recharge the Air Conditioning System by referring to "Heating, Ventilation And Air Conditioning → Air Conditioning System → Refrigerant Recovery/Recycling/Charging/Evacuation" in the applicable Shop Manual on KGIS.



2. Perform leak test of refrigerant.

NOTICE


If a leak is found, refer to KGIS for further diagnosis and proceed with normal warranty procedures.

3. Confirm normal vehicle operation.


SUBJECT: AIR CONDITIONING REFRIGERANT COLLECTION AND RECHARGE (SA538)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
EV6 (CV)	January 31, 2023 to June 02, 2023
Niro P/HEV	January 06, 2023 to June 02, 2023
Niro EV	January 06, 2023 to June 02, 2023

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
Mahle ACX 2299	ACX 2299		R-1234yf

REQUIRED PART:

Part Name	Part Number	Figure	Specification
R-1234yf Refrigerant	Locally Sourced		750g EV6 (CV)
			450g (SG2 HEV)
			750g (SG2 HEV) (Non-Heat Pump)
			480g (SG2 PHEV)
			850g (SG2 PHEV) (Non-Heat Pump)

*A Mahle A/C record is required to claim refrigerant. Dealer can only claim the missing refrigerant noted in the Mahle A/C report when the vehicle does not meet specifications listed above.

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	976W6 CV010	0	(SA538) Air Conditioning Collection & Recharge	230052R0	0.8 M/H	UM016 CH113W1 and/or UM016 CH113W3	Refer to Mahle A/C Report

Note: Part # UM016 CH113W1 and/or UM016 CH113W3 are used to populate AC Service Record which contains the refrigerant quantities, RO#, service date, etc. used during repair. Refer Warranty Bulletin 2023-27 for claim submission procedures.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference **SA539** when accessing the KDealer+ system.

