



GROUP	MODEL
ELE	2025MY EV6 (CVa)
NUMBER	DATE
410	January 2026

TECHNICAL SERVICE BULLETIN

SUBJECT:

3 WAY VALVE REPLACEMENT (CA2513)

This bulletin provides instructions for inspecting and replacing the High Voltage Battery Cooling System 3-Way Valve on certain 2025MY EV6 (CV1a) vehicles produced from August 21, 2024, through July 7, 2025, which may display an illuminated Malfunction Indicator Lamp (MIL) and Diagnostic Trouble Code (DTC) U112800 due to a voltage deviation within the 3-Way Valve. There are no drivability issues associated with this condition. To resolve this issue, follow the replacement procedure outlined in this bulletin. Before performing the repair, verify that the vehicle's VIN is included in the affected range.

Model	Production Date Range
EV6 (CV1a)	August 21, 2024, and July 7, 2025

DTC Description:

U1128000 - Lost Communication With Hybrid/EV Battery Electronic Coolant Valve "A"



NOTICE

A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.

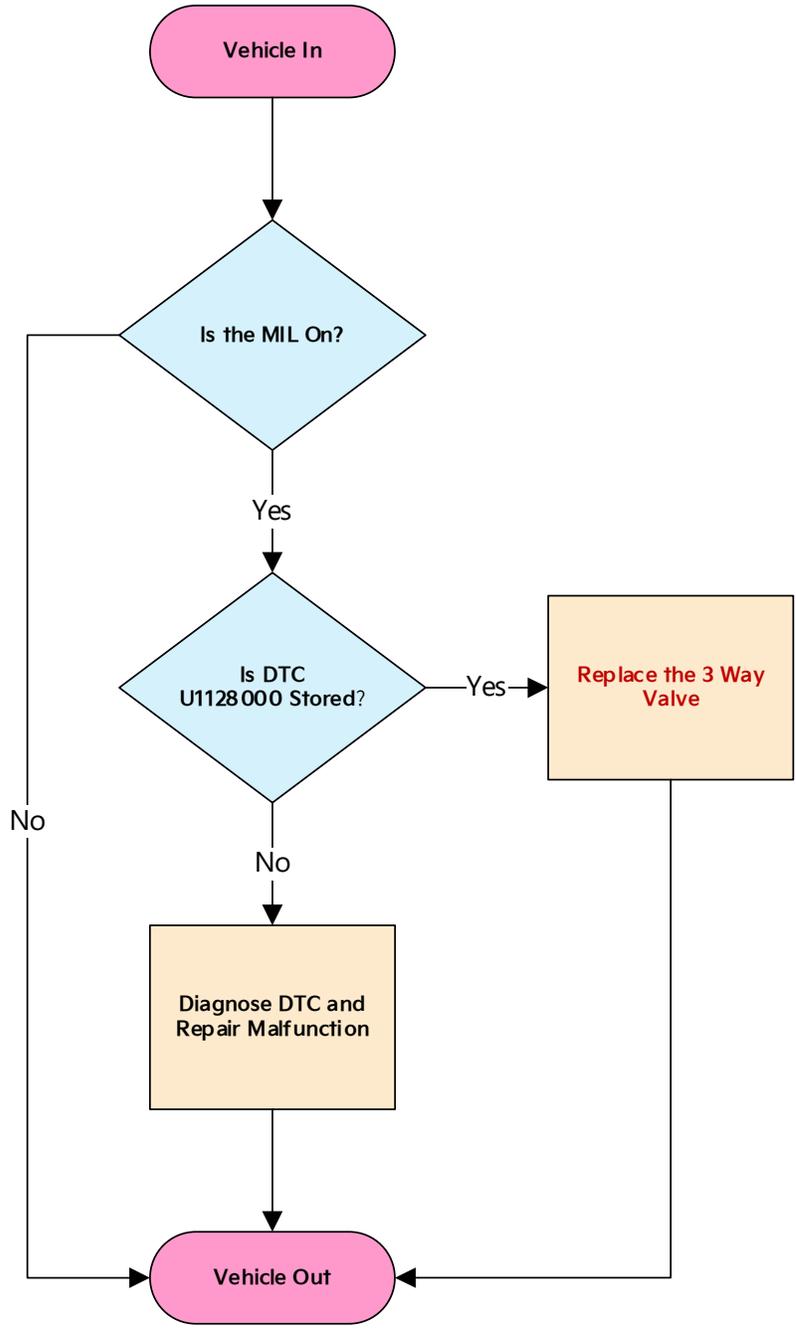
This bulletin should only be performed with valid customer of a Malfunction Indicator Lamp (MIL) 'ON' MUST be stated in the opening RO and Claim Notes with the related DTC's stored.

Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry). **If ENG410/CA2513 is complete, subsequent or follow-up concerns must be address according to normal Service/Warranty Guidelines.**

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Flowchart:

DTC	DTC Description
U1128000	Lost Communication With Hybrid/EV Battery Electronic Coolant Valve "A"



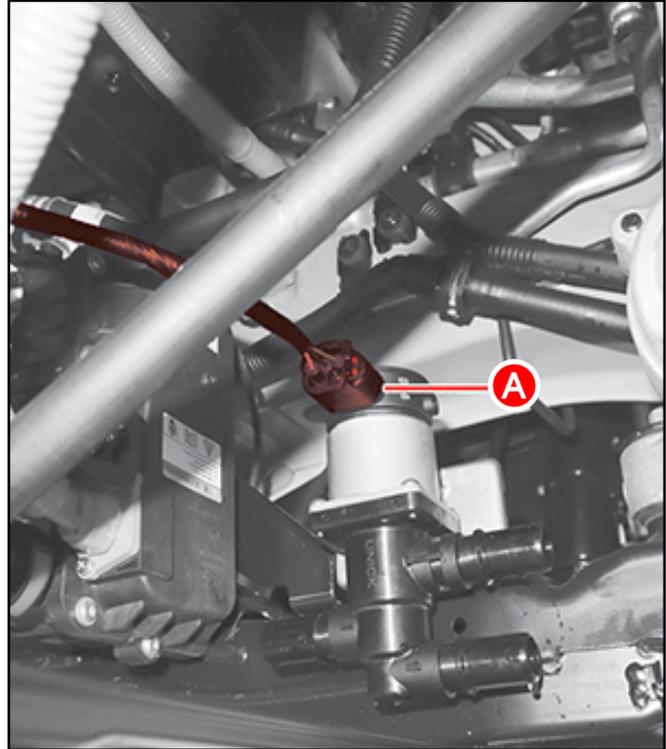
Note: A Vehicle Diagnosis Number (VDN) must be created for DTC U1128000 prior to ordering parts and performing necessary procedure(s), as outlined in this TSB. If a VDN is not created, Parts Ordering and Warranty claim submission issues WILL occur. Any claims for replacement parts are subject to Warranty review and chargeback.



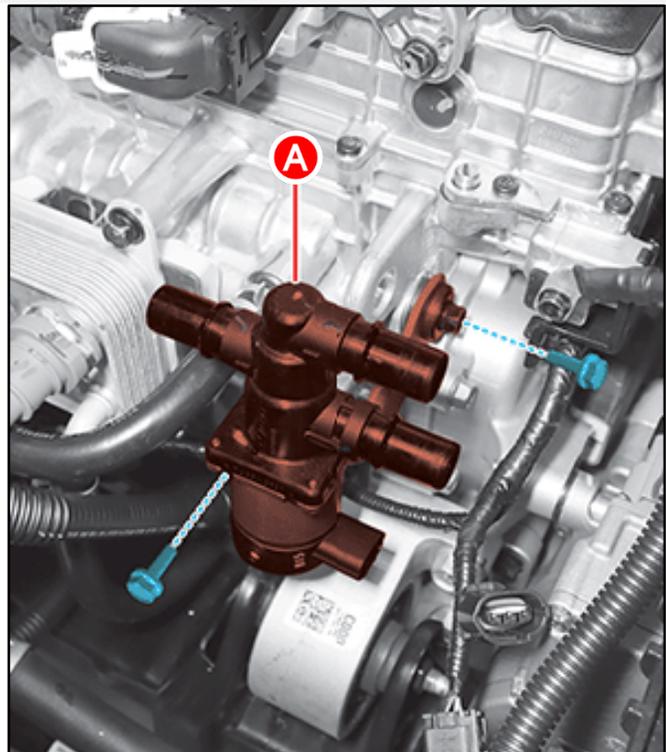
SUBJECT:

3 WAY VALVE REPLACEMENT (CA2513)**Repair Procedure 2WD:**

1. Replace the 3 Way Valve by referring to "EV6(CV1A) → 2025 → 160kW (2WD) / 70kW 160kW (AWD) → Cooling System → High Voltage Battery Cooling System → 3 Way Valve → Removal and Installation → 2WD" in the applicable Shop Manual on KGIS.

**Repair Procedure AWD:**

2. Replace the 3 Way Valve (A) by referring to "EV6(CV1A) → 2025 → 160kW (2WD) / 70kW 160kW (AWD) → Cooling System → High Voltage Battery Cooling System → 3 Way Valve → Removal and Installation → 4WD" in the applicable Shop Manual on KGIS.



SUBJECT:

3 WAY VALVE REPLACEMENT (CA2513)**AFFECTED VEHICLE RANGE:**

Model	Production Date Range
EV6 (CV1a)	August 21, 2024, and July 7, 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:

Model	Part Name	Part Number	Figure	Qty.
EV6 (CV1a) 2WD	3 Way Valve Assembly	25660 KL200QQK		1
EV6 (CV1a) AWD		25660 XG400QQK		
EV6 (CV1a) 2WD and AWD	CoolantAntifreeze	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 (CV1a) 2WD	V	375W3 KL200	0	3 Way Valve Replacement +	250A39R0	1.3 M/H	25660 KL200QQK	1
							UM020 CH263	5
EV6 (CV1a) AWD				Coolant Drain/Injection	250A39R1		25660 XG400QQK	1
								UM020 CH263

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

Note: [A Vehicle Diagnosis Number \(VDN\)](#) must be created for DTC U1128000 prior to ordering parts and performing necessary procedure(s), as outlined in this TSB. If a VDN is not created, Parts Ordering and Warranty claim submission issues **WILL** occur. Any claims for replacement parts are subject to Warranty review and chargeback.