



GROUP	MODEL
ELE	2023-2024MY Niro EV (SG2 EV)
NUMBER	DATE
332	April 2024

## TECHNICAL SERVICE BULLETIN

SUBJECT:

## EWP COOLANT HOSE REPLACEMENT

This bulletin provides information to replace the Electric Water Pump (EWP) coolant hose on some 2023-2024MY Niro EV (SG2 EV) vehicles produced from July 11, 2022 through January 24, 2024, which may exhibit a coolant leak from under the bulkhead due to a loosened EWP coolant hose at the EWP connector. If the vehicle continues to be driven in this condition, a "Refill coolant" warning message may appear in the instrument cluster, followed by reduced heater performance. The retainer clip on the EWP coolant hose on the vehicle is positioned horizontally on the hose which may come loose after time. The improved coolant hose has the retainer clip rotated 90° to be positioned vertically. Follow the procedure outlined in this publication to replace the EWP coolant hose with a new and improved part on the applicable vehicle.



Existing Design EWP Connector



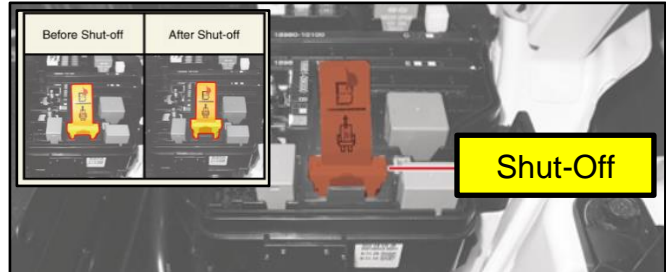
New Design EWP Connector

### NOTICE

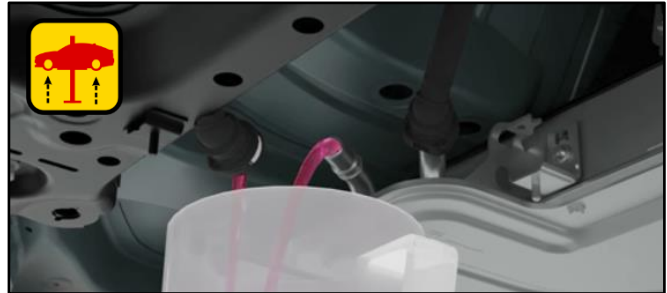
**A Technical Service Bulletin is a field fix repair program without customer notification that may be performed during the warranty period. Any dealer requesting to perform this repair outside the warranty period will require DPSM approval.**

**Replacement Procedure:**

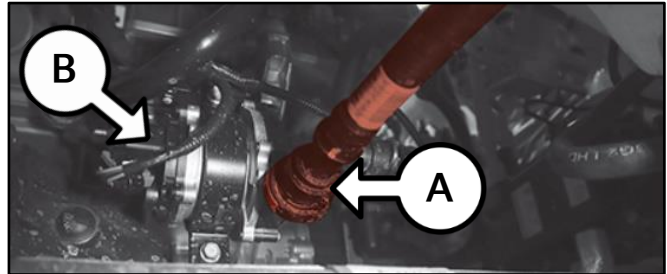
1. Perform the '**High Voltage Shut-Off Procedure**' by referring to "Body Electrical System → High Voltage Shut-Off Procedures → High Voltage Shut-Off Procedures (**Steps 1-4 Only**)" in the applicable Shop Manual on KGIS.



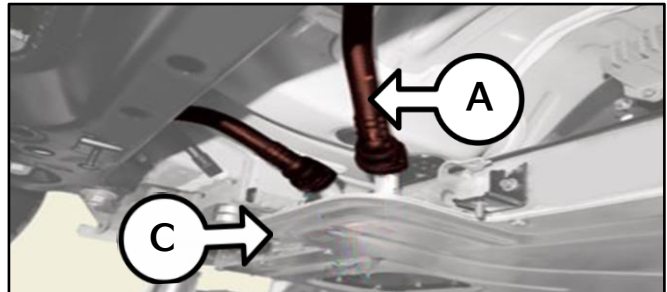
2. Drain the Coolant by referring to "Cooling System → Coolant → Coolant" in the applicable Shop Manual on KGIS.



3. Disconnect the EWP coolant hose connector (A) from the EWP (B).



4. Disconnect the EWP coolant hose connector (A) from the high voltage battery (HVB) (C).



5. Install the 'new' EWP coolant hose (A) in the reverse order of removal.



6. Perform Coolant Refilling and Air Bleeding by referring to "Cooling System → Coolant → Coolant" in the applicable Shop Manual on KGIS.

**Note:** Air Tightness Inspection for Coolant Line procedure outlined in KGIS does NOT need to be performed for this specific EWP hose replacement.


7. Reinstall all other removed parts in reverse order of removal.
8. Confirm normal vehicle operation.

SUBJECT:



**EWP COOLANT HOSE REPLACEMENT****AFFECTED VEHICLE RANGE:**

Model	Production Date Range
Niro EV (SG2 EV)	July 11, 2022 to January 24, 2024

**REQUIRED TOOL:**

Tool Name	Part Number	Figure	Comments
Coolant Refiller & Suction Tool	OK253 J2300		Located in O/H 2

**REQUIRED PART:**

Part Name	Part Number	Figure	Qty.
Electric Water Pump Hose	375Y3 AO031		1
Coolant	UM020 CH263		4 gallons

**WARRANTY INFORMATION:****N Code: B33 C Code: ZZ1**

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	375V5 AO000	0	EWP Coolant Hose Replacement	375Y3F00	1.3 M/H	375Y3 AO031	1
						UM020 CH263	4

