HYUNDAI **Technical Service Bulletin**	GROUP **ENGINE**	NUMBER **23-EM-003H**
	DATE **AUGUST 2023**	MODEL(S) **PALISADE (LX2)**
SUBJECT:	RADIATOR COOLANT LEAK REPAIR	

Description: Certain 2020-2022MY Palisade (LX2) vehicles may exhibit a slight coolant leak at the radiator. Follow the procedure outlined in this bulletin to inspect and replace the radiator to correct the condition, if necessary.

Applicable Vehicles: 2020-2022MY Palisade (LX2) vehicles produced between 4/11/2019 - 5/9/2022.

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Palisade (LX2)	Radiator Assembly	25310-S8700FFF		Replace if leaking.
	Pink Coolant	00232-19098		Qty. 1 Gallon

Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Palisade (LX2)	25310F02	Radiator Coolant Leakage Inspection & Replacement	2.0 M/H	25310-S8700	E81	ZZ7

NOTE 1: Normal warranty applies.
NOTE 2: Submit claim on Claim Entry Screen as “Warranty” type.
NOTE 3: This TSB includes Repair validation photos. Op times including VIN, Mileage, and Repair validation photos as outlined in the Digital Documentation Policy.
NOTE 4: The incident parts are subject to callback through the normal Warranty Technical Center (WTC) parts return process. **Claim is subject to debit if the part is not returned.**
NOTE 5: If a part is found in need of replacement while performing this TSB and the affected part is still under warranty, submit a separate claim using the same repair order. If the affected part is out of warranty, submit a Prior Approval request for goodwill consideration prior to performing the work.

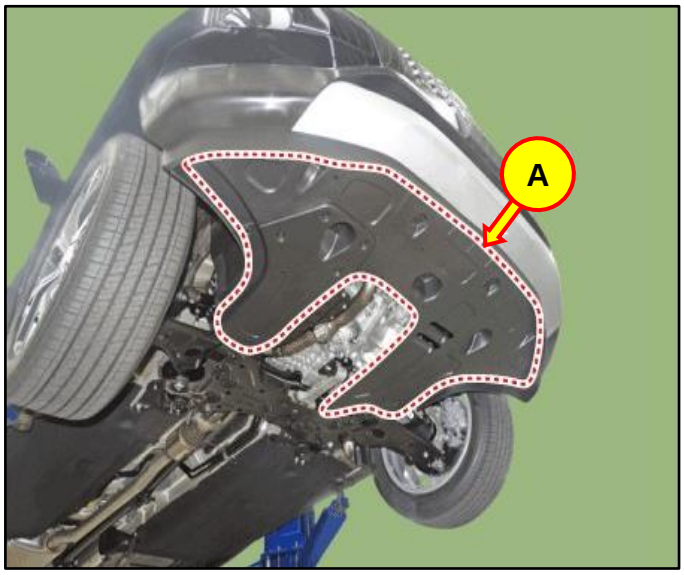
Service Procedure:

STUI

This TSB includes Repair validation photos.
Refer to the latest Digital Documentation Policy for requirements.

1. Refer to the shop manual:
   - **General Information > Lift and Support Points > General Information**

   Lift up the vehicle and remove the engine room undercover (A).



Tightening Torque:

lb-ft	7.3
lb-in	87
N.m	10

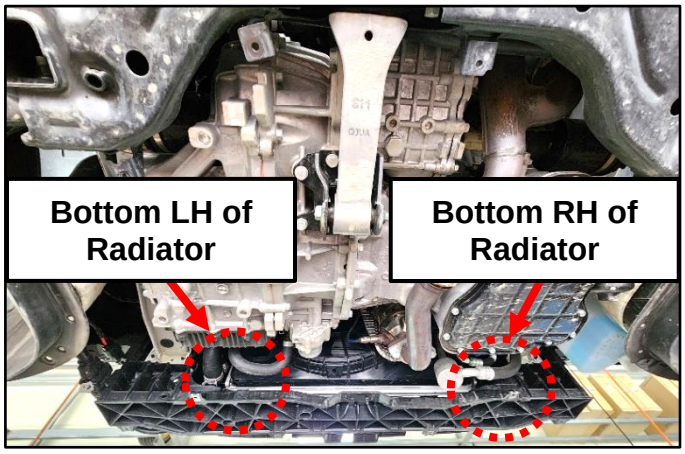
NOTICE

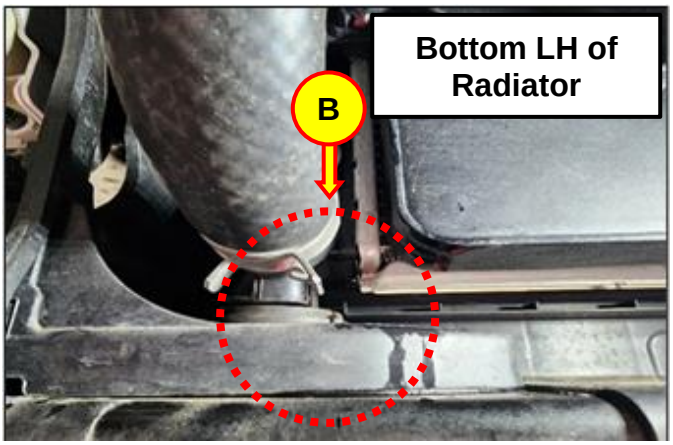
Ensure not to damage the parts (floor under cover, fuel filter, fuel tank, and canister) located under the vehicle.

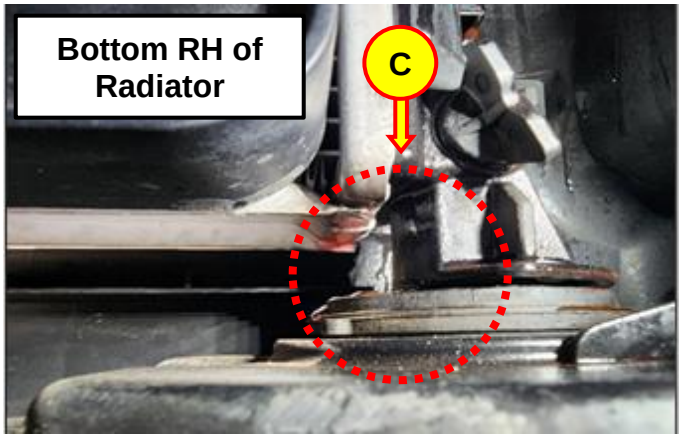
2. Check the bottom LH (B) and RH (C) of the radiator for a coolant leak.

Information

- If there is **NO** coolant leak, then **STOP**. Do not continue with this service procedure.
- If a coolant leaking condition is found at any of the indicated areas, then follow the next steps to take STUI photo(s) and complete the repair.





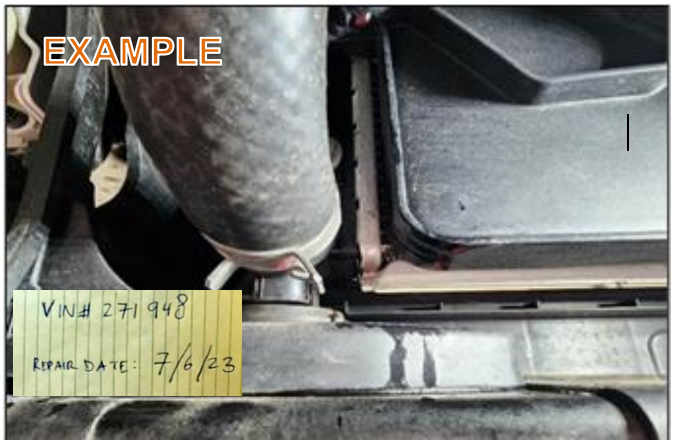


3. Document the coolant leaking condition at the radiator using STUI prior to radiator replacement.

STUI

Using STUI, take a photo of the leaking area(s) of the radiator with the last 6 digits of the VIN and the date of repair on a piece of paper.

Upload the photo to STUI.



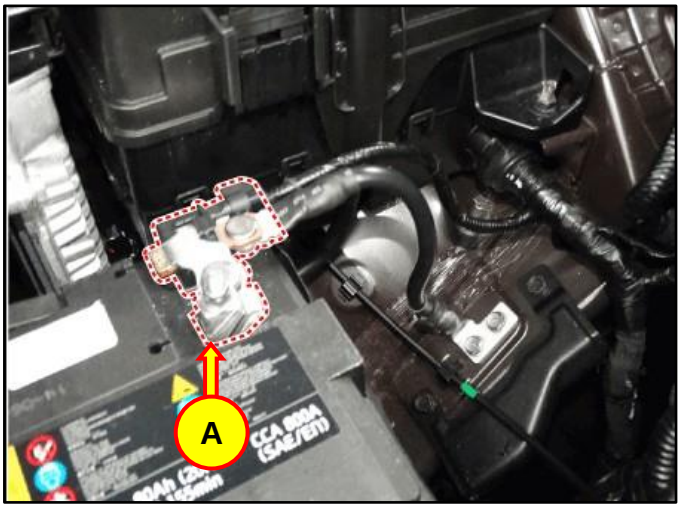
4. **Information**

Prior to disconnecting the battery, ensure to record the radio presets.

Remove the air duct and disconnect the negative (–) battery terminal (A).

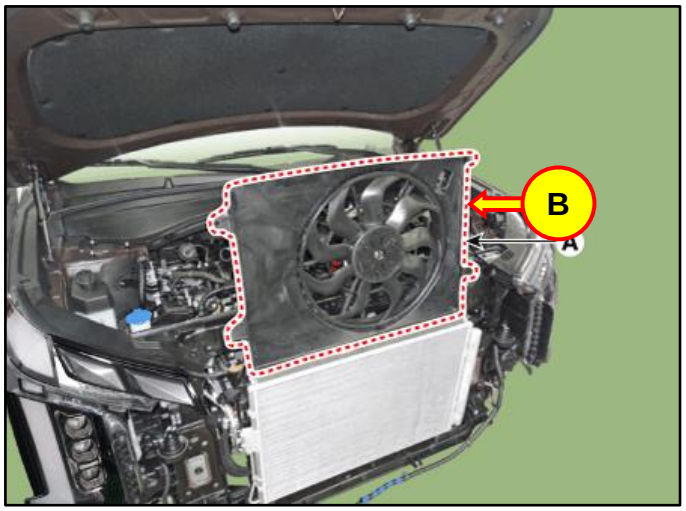
Tightening Torque:

lb-ft	6.5
lb-in	78
N.m	9



5. Drain the engine coolant.
Refer to the shop manual:
   - **Engine Mechanical System > Cooling System > Coolant > Repair procedure**

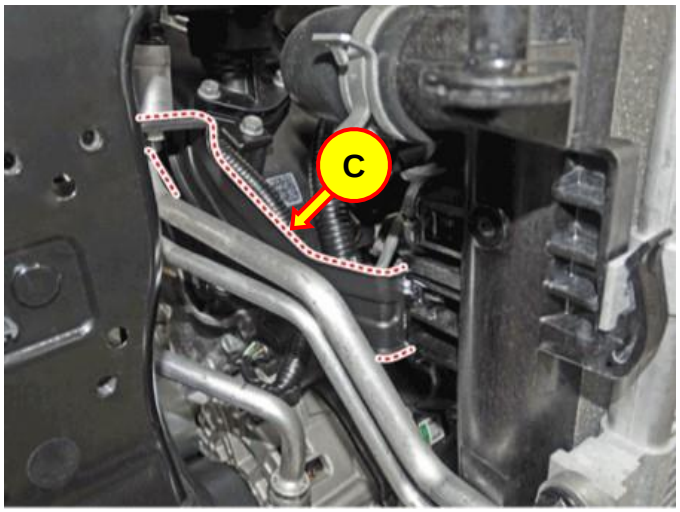
6. Remove the cooling fan (B) assembly.
Refer to the shop manual:
   - **Engine Mechanical System > Cooling System > Cooling Fan > Repair procedure**



Tightening Torque:

lb-ft	4.7
lb-in	57
N.m	7

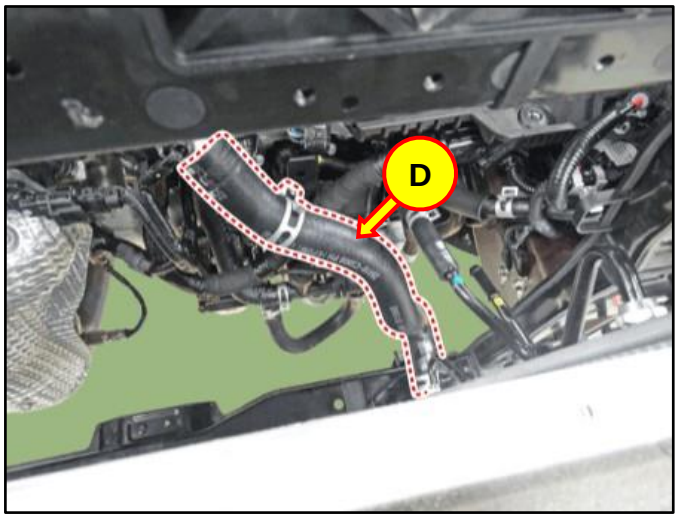
7. Remove the A/C condenser bracket (C).



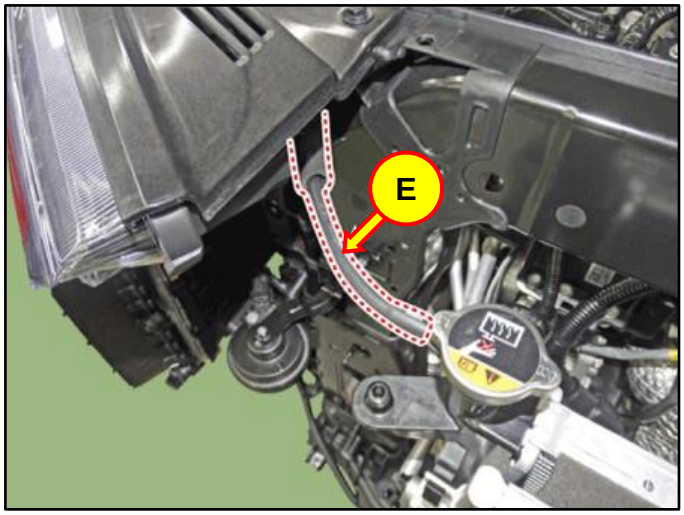
Tightening Torque:

lb-ft	7.3
lb-in	87
N.m	10

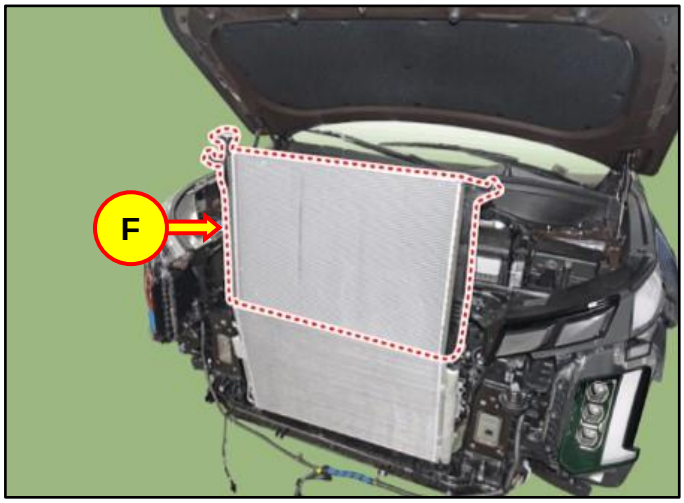
8. Disconnect the radiator lower hose (D).



9. Disconnect the overflow hose (E).



10. Separate the A/C condenser from the radiator assembly and remove the radiator assembly (F).



11. Install the new radiator in the reverse order of the removal along with the other components that were removed.

12. Fill the radiator with coolant.
Refer to the shop manual:
    - **Engine Mechanical System > Cooling System > Coolant > Repair procedure**

13. Start the engine and then check the radiator and hose connection for any leaks.

14. Adjust the coolant level as necessary to the FULL line.

15. Service procedure is now completed.