



Technical Service Bulletin

GROUP	NUMBER
ENGINE	24-EM-005H
DATE	MODEL(S)
AUGUST 2024	KONA (OS)

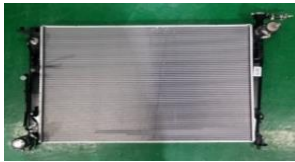

SUBJECT: RADIATOR COOLANT LEAK INSPECTION AND REPLACEMENT

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

Applicable Vehicles:

- 2022MY Kona (OS) equipped with 2.0L MPI engine produced from 3/2/2021 - 4/15/2022.

Parts Information:

Model	Part Name	Part Number	Figure	Remarks
Kona (OS)	Radiator Assembly	25310-J9910FFF		Replace if leaking.
	Pink Coolant	00232-19098		QTY: 1

Warranty Information:

Model	Op. Code	Operation	Op. Time	Casual Part	Nature Code	Cause Code
Kona (OS)	25310F04	Radiator Coolant Leakage Inspection & Replacement	1.7 M/H	25310-J9910	L31	ZZ1

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.

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

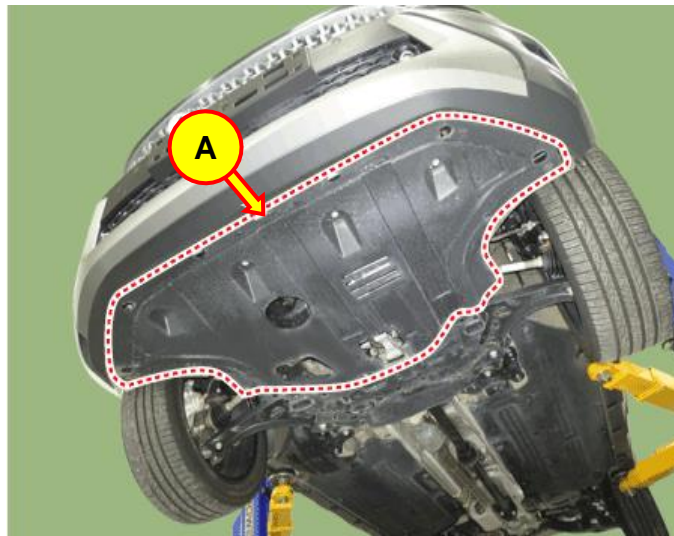
Lift the vehicle and remove the engine room undercover (A).

Tightening Torque:

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

NOTICE

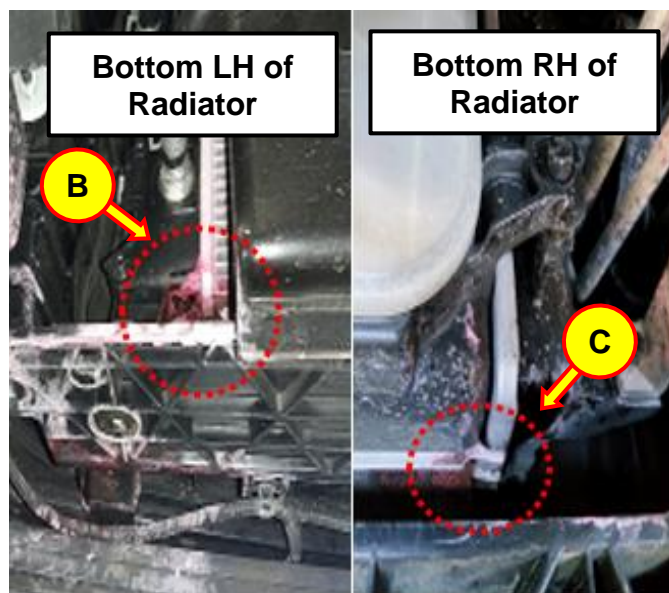
Ensure not to damage the parts (floor under cover, fuel filter, fuel tank, and canister) located under the vehicle.



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

i Information

- If there is **NO coolant leak**, then **STOP**. Do not continue with this service procedure in this TSB. Follow standard diagnosis.
- 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.



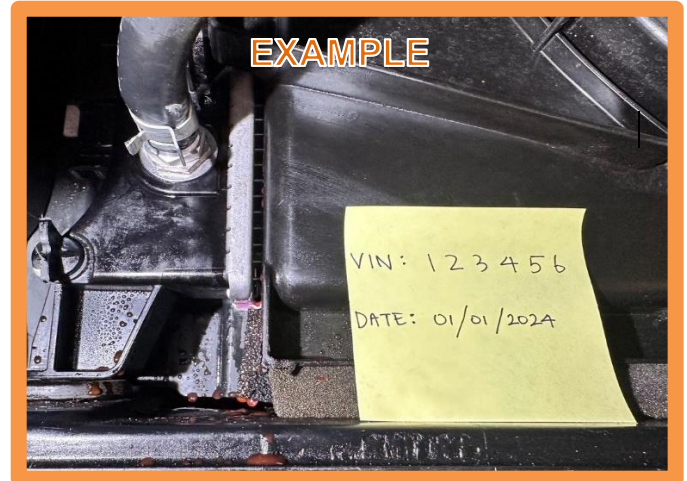
- Document the coolant leaking condition at the radiator using STUI prior to radiator replacement.

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.



i Information

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

Remove the air duct and disconnect the negative (-) battery terminal (D).

Tightening Torque:

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

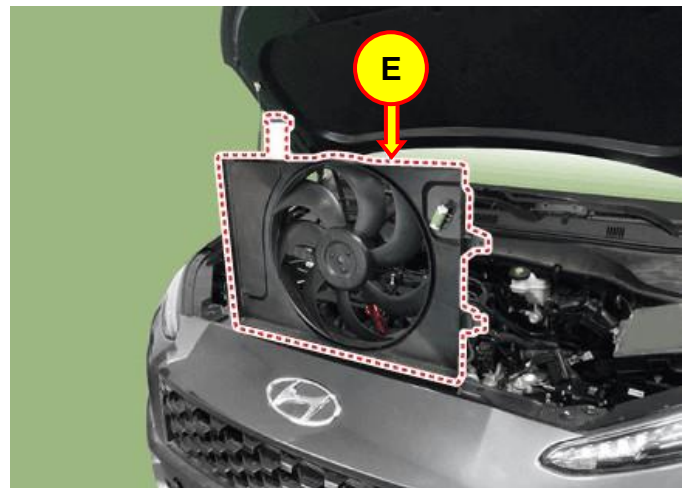


- Drain the engine coolant. Refer to the shop manual:
 - Engine Mechanical System > Cooling System > Coolant > Repair procedure**

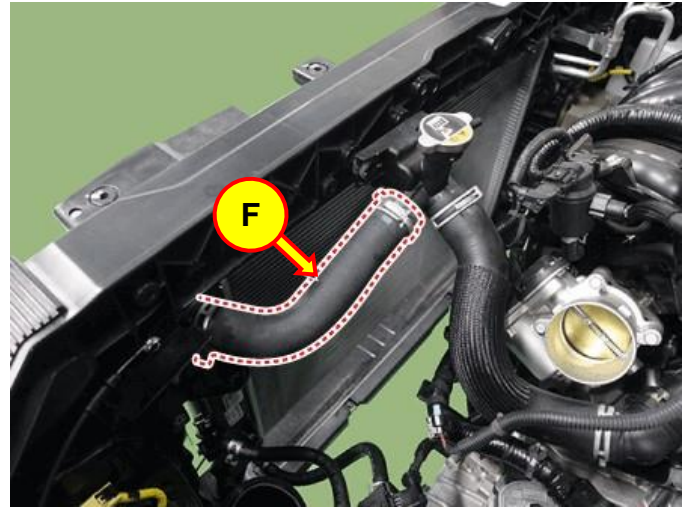
- Remove the cooling fan (E) assembly. Refer to the shop manual:
 - Engine Mechanical System > Cooling System > Cooling Fan > Repair procedure**

Tightening Torque:

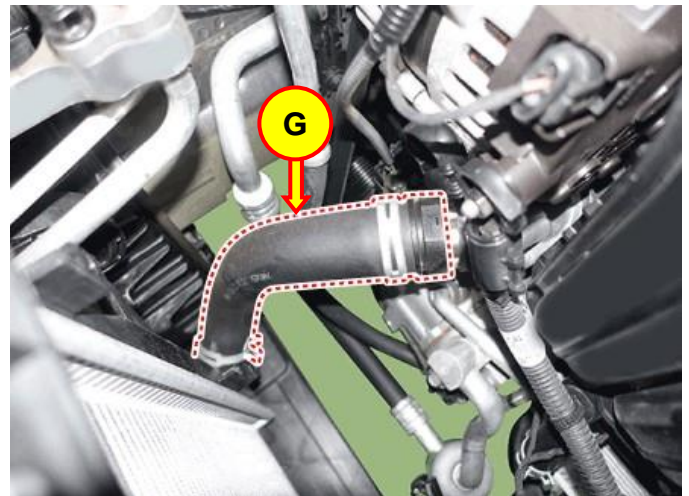
lb-ft	4.7
lb-in	57
N.m	7



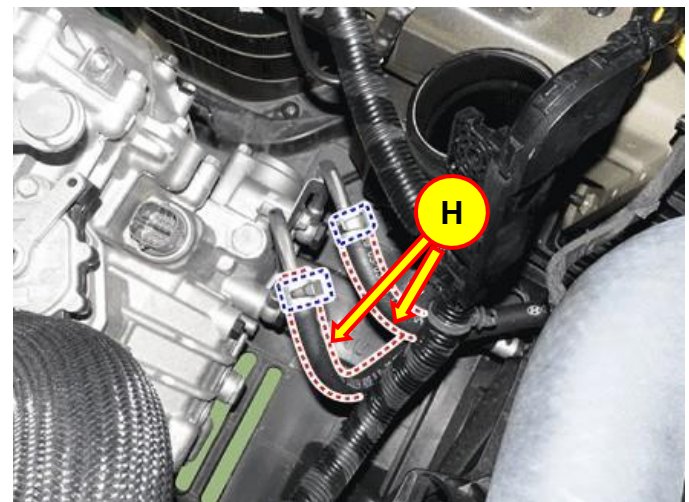
7. Remove the upper radiator hose (F).



8. Remove the lower radiator hose (G).

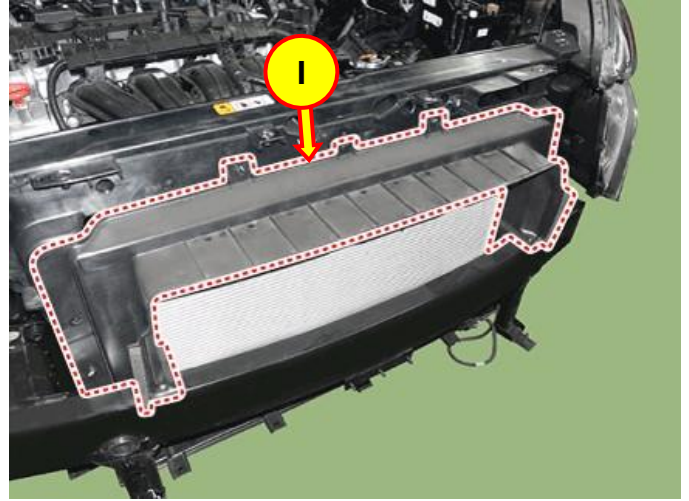


9. Disconnect the ATF cooler hoses (H).



10. Remove the front bumper cover.
Refer to the shop manual:
- **Body (Interior and Exterior) > Front Bumper > Front Bumper Assembly > Repair procedure**

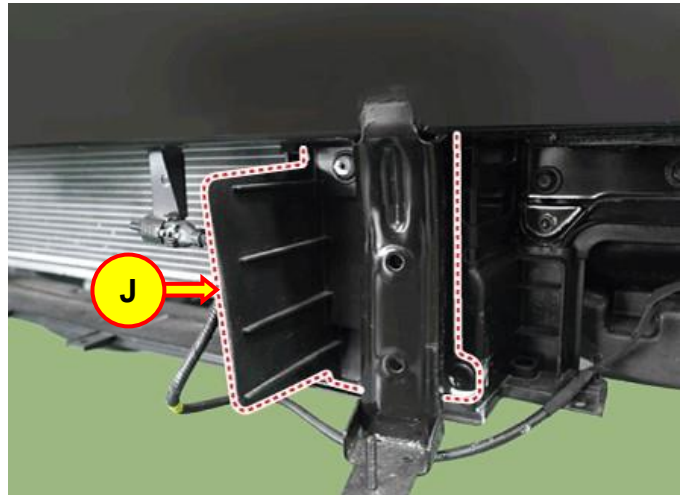
11. Remove the radiator upper air guard (I).



12. Remove the radiator lower LH air guard (J).

Tightening Torque:

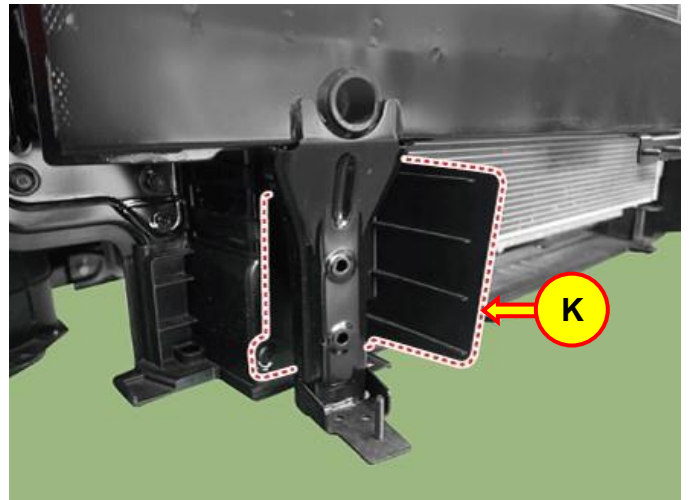
lb-ft	7.3
lb-in	86.8
N.m	9.8



13. Remove the radiator lower RH air guard (K).

Tightening Torque:

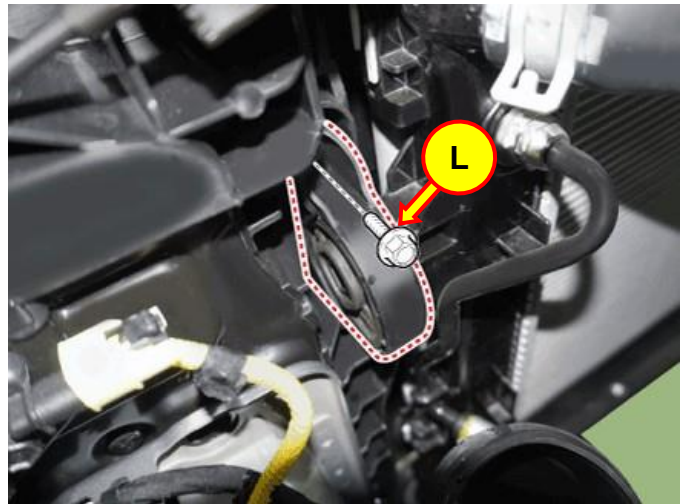
lb-ft	7.3
lb-in	86.8
N.m	9.8



14. Remove the upper radiator LH mounting bracket (L).

Tightening Torque:

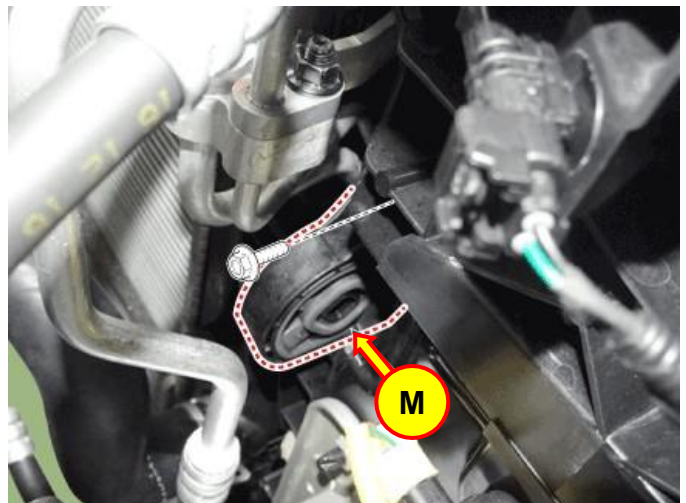
lb-ft	7.3
lb-in	86.8
N.m	9.8



15. Remove the upper radiator RH mounting bracket (M).

Tightening Torque:

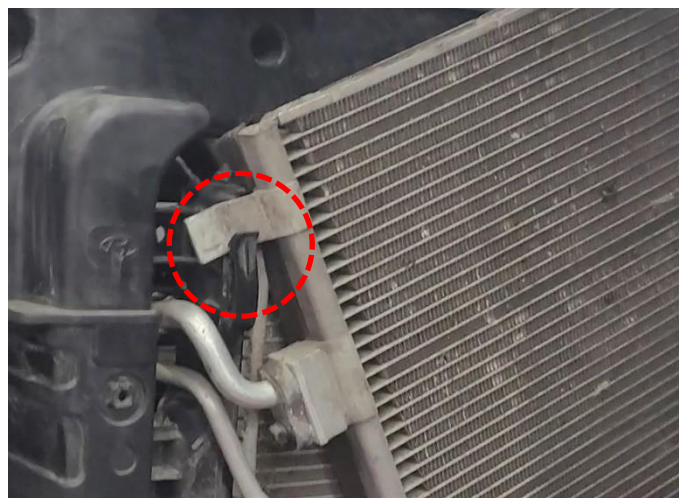
lb-ft	7.3
lb-in	86.8
N.m	9.8



16. Separate the A/C condenser and condenser bracket from the radiator assembly.

***i* Information**

Push the A/C condenser up from the driver side to remove it from the integrated L-clips and to the left to release it from the A/C condenser bracket.



17. Remove the radiator assembly (N) from the vehicle.



18. Install the new radiator in the reverse order of removal along with other disconnected or removed components.

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

NOTICE

Be sure to follow the Integrated Thermal Module Coolant Filling Mode procedure. Failure to do so may result in air pockets and overheating of engine.



20. Start the engine and then check the radiator and hose connection for any leaks.
21. Adjust the coolant level as necessary to the FULL line and program the recorded radio presets.
22. Service procedure is now completed.