



TECHNICAL SERVICE BULLETIN

23-2274

2022-2023 Bronco Sport/Escape 1.5L, 2022-2023 Corsair 2.5L Hybrid - Oil In Coolant And/Or Coolant In Oil - Built On 01-Sep-2022 And Through 06-Apr-2023

29 August
2023

Model:

Ford 2022-2023 Bronco Sport	Built on 01-Sep-2022 and through 06-Apr-2023 Engine: 1.5L EcoBoost
2023 Escape	Built on 01-Sep-2022 and through 06-Apr-2023 Engine: 1.5L EcoBoost
2022 Escape	Built on 01-Sep-2022 and through 06-Apr-2023 Engine: 1.5L EcoBoost
Lincoln 2022-2023 Corsair	Built on 01-Sep-2022 and through 06-Apr-2023 Engine: 2.5L Hybrid Electric Vehicle (HEV)

Issue: Some 2022-2023 Bronco Sport/Escape vehicles equipped with a 1.5L engine and 2022-2023 Corsair vehicles equipped with a 2.5L engine, built on 01-Sep-2022 and through 06-Apr-2023, may exhibit a low coolant level with engine oil in the coolant and/or coolant in the engine oil. This may be caused by an internal oil cooler leak. To correct this condition, follow the Service Procedure to test and replace the oil cooler.

Action: Follow the Service Procedure to correct the condition on vehicles that meet all of the following criteria:

- One of the following vehicles:
 - 2022-2023 Bronco Sport/Escape with 1.5L EcoBoost engine
 - 2022-2023 Corsair with 2.5L Hybrid engine
- Built on 01-Sep-2022 and through 06-Apr-2023
- Equipped with an engine oil cooler
- Low coolant level
- Oil in the coolant and/or coolant in the oil

Parts

Service Part Number	Quantity	Description	Unit of Issue	Piece Quantity
BE8Z-6731-AB	1	Oil Filter	1	1
XO-0W20-QFS	As Needed	Motorcraft® SAE 0W-20 Motor Oil		
VC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant VC-13		

Parts

Parts To Inspect And Replace As Necessary

Service Part Number	Quantity	Description	Unit of Issue	Piece Quantity
KS7Z-6B856-A	If Needed	Oil Cooler (2.5L HEV)	1	If Needed
HX7Z-6B856-A	If Needed	Oil Cooler (1.5L EcoBoost)	1	If Needed

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not

altered by a TSB. NVLW/SPW/SSP/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time
2022-2023 Bronco Sport/Escape 1.5L: Remove/Install Oil Cooler And Diagnose Replace Or Reinstall Oil Cooler Includes Time To Drain And Blow Out Cooler If Reinstalling Existing Cooler (Do Not Use With Any Other Labor Operations)	232274A	0.8 Hrs.
2022-2023 Corsair 2.5L: Remove/Install Oil Cooler And Diagnose Replace Or Reinstall Oil Cooler Includes Time To Drain And Blow Out Cooler If Reinstalling Existing Cooler (Do Not Use With Any Other Labor Operations)	232274B	0.7 Hrs.

Repair/Claim Coding

Causal Part:	6B856
Condition Code:	01

Service Procedure

1. Remove the oil cooler. Refer to Workshop Manual (WSM), Section 303-01.
2. Drain the oil and coolant from the oil cooler.
3. Cap one coolant port of the oil cooler using an appropriate cap or plug.
4. Connect a rubber tipped blow gun to shop air regulated to 103 kPa (15 psi), and insert the tip into the other coolant port of the oil cooler.
5. Completely submerge the oil cooler into a suitable container of water and apply regulated shop air to the cooler for 10 seconds.
6. Do air bubbles continually escape from the oil passages around the oil filter or cylinder block mating areas?
 - (1). Yes - the oil cooler has failed internally. Replace the oil cooler. Refer to WSM Section 303-01. Determine engine condition and repair as necessary outside of this article.
 - (2). No - drain and blow out the water from the coolant and oil passages and reinstall the oil cooler. Refer to WSM Section 303-00. Perform normal WSM diagnostics for the vehicle symptom outside of this article.

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NOTE: The information in Technical Service Bulletins is intended for use by trained, professional technicians with the knowledge, tools, and equipment to do the job properly and safely. It informs these technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by "do-it-yourselfers". Do not assume that a condition described affects your car or truck. Contact a Ford or Lincoln dealership to determine whether the Bulletin applies to your vehicle. Warranty Policy and Extended Service Plan documentation determine Warranty and/or Extended Service Plan coverage unless stated otherwise in the TSB article. The information in this Technical Service Bulletin (TSB) was current at the time of printing. Ford Motor Company reserves the right to supersede this information with updates. The most recent information is available through Ford Motor Company's on-line technical resources.