



## TECHNICAL SERVICE BULLETIN

### 3.3L FHEV - Coolant Leak At High Voltage Battery Coolant Cooler Outlet Hose - Built On 12-Jul-2022 And Through 31-Oct-2022

**23-2187**

17 July 2023

**Model:**

<b>Ford</b> 2022 Explorer	Engine: 3.3L FHEV Built on 12-Jul-2022 and through 31-Oct-2022
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**Issue:** Some 2022 Explorer vehicles built on 12-Jul-2022 and through 31-Oct-2022 and equipped with a 3.3L full hybrid electric vehicle (FHEV) engine may exhibit a coolant leak at the high voltage (HV) battery coolant cooler outlet hose. This may be due to the HV battery coolant cooler outlet hose contacting the bottom pulley of the accessory drive belt tensioner. To correct the condition, follow the Service Procedure to replace the damaged hose and install a cable tie.

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

- 2022 Explorer
- Built on 12-Jul-2022 and through 31-Oct-2022
- 3.3L FHEV engine
- Coolant leak from the HV battery coolant cooler outlet hose

**Parts**

Service Part Number	Quantity	Description	Unit of Issue	Piece Quantity
WA-14-SBA	1	Cable Tie	50	1
P1MZ- 8286-B	1	High Voltage Battery Coolant Cooler Outlet Hose	1	1
HL3Z-19B596-A	1	A/C O-ring Kit	1	1
DS7Z-19B596-A	1	A/C O-ring Kit	1	1
VC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant (All Markets Except Canada)		
CVC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant (Canada Only)		

Quantity refers to the amount of the service part number required to repair the vehicle.

Unit of Issue refers to the number of individual pieces included in a service part number package.

Piece Quantity refers to the total number of individual pieces required to repair the vehicle.

As Needed indicates the amount of the part may vary and/or is not a whole number. Parts can be billed out as non-whole numbers, including less than 1.

**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 Explorer 3.3L FHEV: Replace The HV Battery Coolant Cooler Outlet Hose Following The Service Procedure (Can Be Claimed With Operations B And/Or C) (Do Not Use With Any Other Labor Operations Outside Of This Article)	232187A	4.5 Hrs.

Additional Time For 360 Camera Alignment If Equipped (Can Be Claimed With Operation A)	232187B	0.5 Hrs.
Additional Time For Cruise Control Radar Alignment Procedure If Equipped (Can Be Claimed With Operation A)	232187C	0.4 Hrs.

### Repair/Claim Coding

Causal Part:	8286
Condition Code:	30

### Service Procedure

1. Remove the cooling module. Refer to Workshop Manual (WSM), Section 303-03D.
2. Replace the HV battery coolant cooler outlet hose.
3. Secure the HV battery coolant cooler outlet hose to the HV battery coolant pump outlet hose using a cable tie to keep hose away from the bottom pulley of the accessory drive belt tensioner. (Figures 1-2)

Figure 1

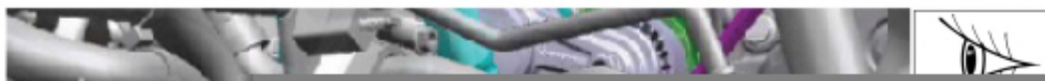


Figure 2



4. Reassemble the vehicle.
5. Fill and bleed the cooling system. Refer to WSM, Section 303-03D.

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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.