



TECHNICAL SERVICE BULLETIN

Illuminated MIL With A P144F Stored In The PCM

25-2176

30 April 2025

Model:

Ford 2024-2025 Bronco Sport	Built On 08-Jul-2024 And Through 14-Aug-2024
2024-2025 Escape	Built On 15-Jul-2024 And Through 05-Sep-2024
Lincoln 2024-2025 Corsair	Built On 24-Jul-2024 And Through 23-Aug-2024

Issue: Some of the vehicles listed in the Model statement above may exhibit an illuminated MIL with DTC P144F stored in the PCM. This may be due a concern with the fuel pump and sender unit.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to inspect and replace the fuel pump and sender unit.

Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
W720526-S450B	12 Required for 2.0L 4 Required For	3	4	Fuel Tank Bolts
4L3Z-9276-AA	1	1	1	Fuel Tank Sender To Tank Seal (All Vehicles Except Hybrid Escape)
LX6Z-5A215-D	1	1	1	Exhaust Clamp (Bronco Sport Only)
LX6Z-4B496-A	6	2	3	Driveshaft Bolts (AWD/4WD Only)
CV6Z-9450-E	1	1	1	Exhaust Gasket (Escape/Corsair Only)
W714265-S442	2	1	4	Exhaust Nut (Escape/Corsair Only)
LU5Z-9276-A	1	1	1	Fuel Tank Sender To Tank Seal (Hybrid Escape Only)
9H307	1	1	1	Fuel Pump and Sender Unit - Refer To The Parts Catalog For The VIN Specific Application
VC-13-G	As Needed	As Needed		Motorcraft® Yellow Concentrated Antifreeze/Coolant
CVC-13-G	As Needed	As Needed		Motorcraft® Yellow Concentrated Antifreeze/Coolant (Canada Only)

Warranty Status: Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Emissions Warranty/Service Part Warranty (SPW)/Service Part New Vehicle (SPNV)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/Emissions Warranty/SPW/SPNV/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

Labor Times

Description	Operation No.	Time

2024-2025 Bronco Sport 1.5L EcoBoost: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176A	3.5 Hrs.
2024-2025 Bronco Sport 2.0L EcoBoost: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176B	3.9 Hrs.
2024-2025 Escape/Corsair AWD 1.5L/2.0L EcoBoost: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176C	3.2 Hrs.
2024-2025 Escape/Corsair FWD 1.5L/2.0L EcoBoost: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176D	2.3 Hrs.
2024-2025 Corsair AWD 2.5L Hybrid: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176E	3.2 Hrs.
2024-2025 Escape AWD 2.5L Hybrid: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176F	3.2 Hrs.
2024-2025 Escape FWD 2.5L Hybrid: Retrieve DTCs And Replace The Fuel Pump And Sender Following The Service Procedure (Do Not Use With Any Other Labor Operations)	252176G	2.4 Hrs.

Repair/Claim Coding

Causal Part:	9H307
Condition Code:	42

Service Procedure

1. Replace the fuel pump and sender unit. Refer to WSM, Section 310-01.

NOTE: During installation of the fuel pump and sender unit into the fuel tank, make sure that the crossover tube is secured in the internal bracket. The crossover tube and fuel level sensor wire harness should be routed away from the sender unit float arm so it is free to move.

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