### Manufacturer Information:

- **Manufacturer Name:** Ford Motor Company
- **Address:** 330 Town Center Drive
  Suite 500 Dearborn MI 48126-2738
- **Company phone:** 1-866-436-7332

### Population:

- **Number of potentially involved:** 42,652
- **Estimated percentage with defect:** 1%

### Vehicle Information:

- **Vehicle 1:** 2022-2023 Ford Bronco Sport
- **Vehicle Type:** LIGHT VEHICLES
- **Body Style:** ALL
- **Power Train:** GAS

**Descriptive Information:**

The combination of fuel injector design and engine software was introduced into production on 10/17/2022 and was taken out of production on 1/13/2023. Affected vehicles are equipped with 1.5L engines.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford’s toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

22,270 Bronco Sport vehicles are affected.

**Production Dates:** OCT 17, 2022 - JAN 13, 2023

**VIN Range 1:**
- Begin: NR
- End: NR

[Not sequential]
Part 573 Safety Recall Report

Vehicle 2: 2022-2022 Ford Escape
Vehicle Type: LIGHT VEHICLES
Body Style: ALL
Power Train: GAS

Descriptive Information: The combination of fuel injector design and engine control software was introduced into production on 10/17/2022 and was taken out of production on 12/15/2022. Affected vehicles are equipped with 1.5L engines.

These vehicles are not produced in VIN order. Information as to the applicability of this action to specific vehicles can best be obtained by either calling Ford’s toll-free line (1-866-436-7332) or by contacting a local Ford or Lincoln dealer who can obtain specific information regarding the vehicles from the Ford On-line Automotive Service Information System (OASIS) database.

20,382 Escape vehicles are affected.

Production Dates: OCT 17, 2022 - DEC 15, 2022
VIN Range 1: Begin: NR End: NR

Description of Defect:

Description of the Defect: A fuel injector may crack, resulting in fuel or vapor migrating to and accumulating near ignition sources, resulting in potential underhood fire.

FMVSS 1: NR
FMVSS 2: NR

Description of the Safety Risk: Liquid fuel and/or fuel vapor that accumulates near a sufficiently hot surface, below the combustion initiation flame speed, may ignite resulting in an underhood fire, and increasing the risk of injury.

Description of the Cause: A cracked fuel injector in the engine allows for fuel to leak at a high rate (19L/hour) into the cylinder head, which can travel out via a drain hole and down onto hot surfaces on the exhaust/turbo system.

Identification of Any Warning that can Occur: A fuel leak may result in fuel odor both outside and inside the vehicle. If there is a fire, the customer may notice smoke or flames emanating from the engine compartment or underbody, or instrument cluster warnings.

Involved Components:

Component Name 1: XL3 Injector
Component Description: High Pressure Fuel Injector
Component Part Number: HX7G-9F597-BC
Supplier Identification:

Component Manufacturer:
- **Name**: Vitesco Technologies
- **Address**: SS 206, KM 28 Fauglia, Pisa Foreign States 56043
- **Country**: Italy

Chronology:
Chronology is provided as an attachment.

Description of Remedy:

**Description of Remedy Program**: Owners will be notified by mail and instructed to take their vehicle to a Ford or Lincoln dealer to have the engine control software updated to include fuel injector leak detection and a drain tube installed. There will be no charge for this service.

Ford provided the general reimbursement plan for the cost of remedies paid for by vehicle owners prior to notification of a safety recall in May 2023. The ending date for reimbursement eligibility is estimated to be April 19, 2024.

**How Remedy Component Differs from Recalled Component**:

**Component Name**: Engine Control Software  
**Component Description**: An updated engine control software will be installed to detect a pressure drop in the fuel rail, provide instrument cluster messaging to the customer to seek service, invoke a strategy to disable the high-pressure fuel pump, derate engine power output and reduce temperatures of possible ignition sources in the engine compartment.  
**Component Part Number**:  
- 2022MY Escape; PNX6A-12A650-AFE, -AGE, -AHE, -AJE  
- 2023MY Bronco Sport; PP1PA-12A650-AE, -CE, -DE  
- 2022MY Bronco Sport; N1PA-12A650-AD, -BD, -CD, -DD

**Component Name**: Drain Tube  
**Component Description**: A drain tube will also be installed to allow fuel to drain from the cylinder head drain hole, away from surfaces which may initiate combustion, to the ground below the vehicle.  
**Component Part Number**: NX6E-8A507-AA
Identify How/When Recall Condition was Corrected in Production: NR

<table>
<thead>
<tr>
<th>Recall Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description of Recall Schedule:</strong></td>
</tr>
<tr>
<td>Planned Dealer Notification Date:</td>
</tr>
<tr>
<td>Planned Owner Notification Date:</td>
</tr>
</tbody>
</table>

* NR - Not Reported