



## TECHNICAL SERVICE BULLETIN

### 1.5L EcoBoost And 8F35 Transmission - Illuminated MIL And A P0420 Stored In The PCM - Built On Or Before 28-Sept-2022

**23-2259**

15 August 2023

#### Model:

|                          |                                                                               |
|--------------------------|-------------------------------------------------------------------------------|
| Ford<br>2020-2022 Escape | Built On Or Before 28-Sep-2022<br>Engine: 1.5L EcoBoost<br>Transmission: 8F35 |
| 2021-2023 Bronco Sport   | Built On Or Before 28-Sep-2022<br>Engine: 1.5L EcoBoost<br>Transmission: 8F35 |

**Issue:** Some 2020-2022 Escape and 2021-2023 Bronco Sport vehicles, built on or before 28-Sep-2022, equipped with a 1.5L Ecoboost engine and a 8F35 transmission may exhibit an illuminated malfunction indicator lamp (MIL) with diagnostic trouble code (DTC) P0420 stored in the powertrain control module (PCM). This may be due to the catalytic converter. To correct this condition, follow the Service Procedure to replace the catalytic converter.

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

- One of the following vehicles:
  - 2020-2022 Escape
  - 2021-2023 Bronco Sport
- Built or before 28-Sep-2022
- 1.5L EcoBoost engine
- 8F35 transmission
- Illuminated MIL with DTC P0420 stored in the powertrain control module PCM

#### Parts

| Service Part Number | Quantity | Description                                      | Unit of Issue | Piece Quantity |
|---------------------|----------|--------------------------------------------------|---------------|----------------|
| LX6Z-5E212-KZ       | 1        | Catalytic Converter Assembly                     | 1             | 1              |
| JX6Z-5A215-C        | 1        | Front Exhaust Clamp                              | 1             | 1              |
| W520103-S442        | 1        | Catalytic Converter Mount Nut                    | 4             | 1              |
| W500233-S442        | 1        | Catalytic Converter Mounting Bolt (Escape)       | 4             | 1              |
| LX6Z-5A215-A        | 1        | Rear Exhaust Clamp                               | 1             | 1              |
| W709601-S442        | 1        | Catalytic Converter Mounting Bolt (Bronco Sport) | 1             | 1              |

**Warranty Status:** Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Emissions Warranty/Service Part Warranty (SPW)/Special Service Part (SSP)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/Emissions Warranty/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     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|
| 2020-2022 Escape 1.5L, 2021-2023 Bronco Sport 1.5L: Retrieve DTCs And Replace The Catalytic Convertor (Do Not Use With Any Other Labor Operations) | 232259A       | 2.8 Hrs. |

**Repair/Claim Coding**

|                 |       |
|-----------------|-------|
| Causal Part:    | 5E212 |
| Condition Code: | 42    |

**Service Procedure**

1. Replace the catalytic converter. Refer to Workshop Manual, Section 309-00A.

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