



# TECHNICAL SERVICE BULLETIN

## Click Or Ting Noise During Acceleration From A Stop

24-2139

13 May 2024

### Model:

<b>Ford</b> 2020-2024 Escape
<b>Lincoln</b> 2020-2024 Corsair

**Markets:** North American markets only

**Issue:** Some 2020-2024 Escape and Corsair Vehicle equipped with the 8F35 or the HF45 transmission may exhibit a click or ting noise during acceleration from a stop, or in some cases during the end of a stop event. This may be due to the front halfshaft sticking to the wheel bearing surface. To correct this condition, perform the Service Procedure below to lubricate the halfshaft and wheel bearing hub assembly mating surface.

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

- 2020-2024 Escape/Corsair equipped with 8F35/HF45 transmission
- At least one of the following:
  - Click or ting noise during acceleration from a stop
  - Click or ting during the end of a stop event

### Parts

Service Part Number	Claim Quantity	Package Order Quantity	Number in Package	Description
CCPZ- 3B477-G	As Needed (Up To 2)	As Needed (Up To 2)	1	Wheel Hub Nut - Escape
CCPZ-3B477-B	As Needed (Up To 2)	As Needed (Up To 2)	1	Wheel Hub Nut - Corsair
5L3Z-19A506-A	As Needed (Up To 1)	As Needed (Up To 1)	1	Chassis Lubrication Grease

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

**Package Order Quantity** refers to the amount of the service part number package(s) required to repair the vehicle.

**Number In Package** refers to the number of individual pieces included in a service part number package.

**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.

### Special Tool(s)

Front Wheel Hub Remover 205-D070
Halfshaft Fastener Installer 204-161

**Warranty Status:** Eligible under provisions of New Vehicle Limited Warranty (NVLW)/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/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
2020-2024 Escape/Corsair 8F35/HF45 Transmission: Lubricate The Halfshaft And Wheel Bearing Hub Assembly One (1) Side Following The Service Procedure (Do Not Use With Any Other Labor Operations)	242139A	0.8 Hrs.
2020-2024 Escape/Corsair 8F35/HF45 Transmission: Lubricate The Halfshaft And Wheel Bearing Hub Assembly Both (2) Sides Following The Service Procedure (Do Not Use With Any Other Labor Operations)	242139B	1.0 Hrs.

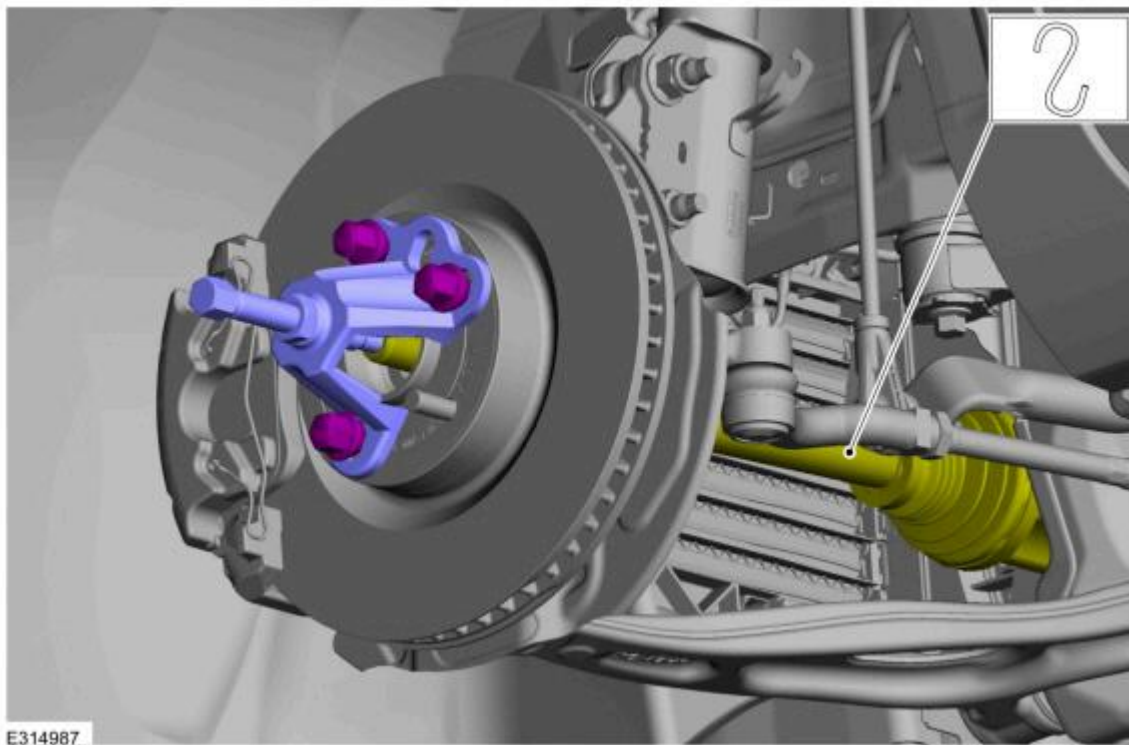
## Repair/Claim Coding

Causal Part:	3B478
Condition Code:	69

## Service Procedure

1. Remove the wheel from the affected side exhibiting the noise. Refer to WSM, Section 204-04A Wheels and Tires, Removal and Installation.
2. Remove and discard the wheel hub nut.
3. Using the special tool, press the halfshaft from the wheel bearing and hub assembly, leaving the tool installed to gain access to the halfshaft mating surface to apply Chassis Lubrication Grease. (Figure 1)

Figure 1



(1). Use Special Service Tool: 205-D070 Front Wheel Hub Remover.

4. Coat the surface with Chassis Lubrication Grease. (Figures 2-3)

Figure 2

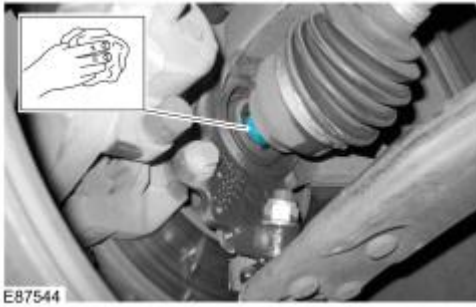


Figure 3



5. Remove the special service tool 205-D070.
6. Pull the halfshaft into the front wheel bearing and wheel hub.
  - (1). Use Special Service Tool: 204-161 Halfshaft Fastener Installer.
7. While an assistant applies the brake, install the new wheel hub nut and tighten as follows:
  - (1). Stage 1: 74 lb-ft (100 Nm)
  - (2). Stage 2: 60°
8. Reinstall the wheel. Refer to WSM, Section 204-04A Wheels and Tires, Removal and Installation.

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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.