



# TECHNICAL SERVICE BULLETIN

## Ting, Pop Or Clicking Noise From The Front Or Rear Wheel Hub When Accelerating Or Applying Brakes (Torque Reversals)

**22-2395**

28 November  
2022

### Model:

<b>Ford</b> 2022-2023 F-150 Lightning
--

**Issue:** Some 2022-2023 F-150 Lightning vehicles may exhibit a ting, pop or clicking noise from the front or rear wheel hub when accelerating or applying brakes or when shifting between drive/reverse (torque reversals). This condition may be caused by stick/slip between the hub and halfshaft interface, during the torque reversals creating the ting/pop or clicking noise. To correct the condition, follow the Service Procedure to install the new anti-ting washer between the wheel hub and axle shaft.

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

- 2022-2023 F-150 Lightning
- Ting, pop or clicking noise from the front or rear wheel hub

### Parts

Service Part Number	Quantity	Description	Unit of Issue	Piece Quantity
W707772-S441	1	Wheel Hub Nut	4	2 Per Affected Axle
W706890-S439	2 Per Affected Axle	Wheel Hub Bolt	4	8 Per Affected Axle
AL1Z-7G273-A	2 Per Affected Axle	Anti-Ting Washer	1	2 Per Affected Axle

### Parts

#### Parts To Inspect And Replace Only If Necessary

Service Part Number	Quantity	Description	Unit of Issue	Piece Quantity
W719687-S439	1	Rear Caliper Bolt	4	4
W720613-S439	1	Front Caliper Bolt	4	4

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.

**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
2022-2023 F-150 Lightning: Install Anti-Ting Washer Onto Both (2) Front Halfshafts Following The Service Procedure (Do Not Use With Any Other Labor Operations)	222395A	1.9 Hrs.
2022-2023 F-150 Lightning: Install Anti-Ting Washer Onto Both (2) Rear Halfshafts Following The Service Procedure (Do Not Use With Any Other Labor Operations)	222395B	1.7 Hrs.
2022-2023 F-150 Lightning: Install Anti-Ting Washer Onto Both (2) Front And Both (2) Rear Halfshafts Following The Service Procedure (Do Not Use With Any Other Labor Operations)	222395C	3.1 Hrs.

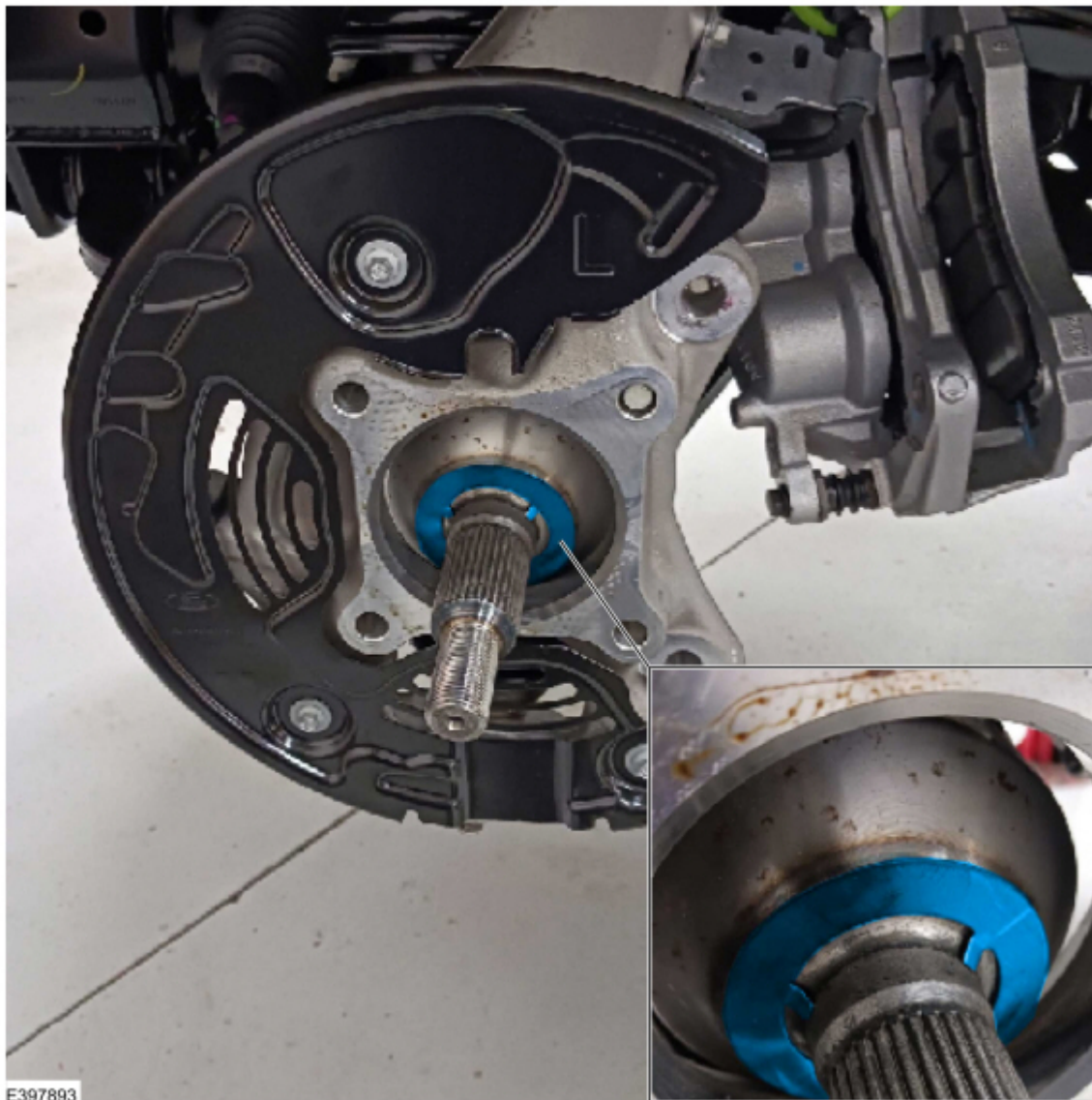
## Repair/Claim Coding

Causal Part:	7G273
Condition Code:	42

## Service Procedure

1. Drive the vehicle to verify the concern, accelerate/apply brakes or shift from forward to reverse (torque reversals).
2. Does the vehicle exhibit ting, pop or clicking noise from the front or rear?
  - (1). Yes - add the anti-ting washer to both left and right halfshaft to hub interface for front and/or rear of the vehicle that exhibits the noise. (Figure 1) Refer to the Workshop Manual (WSM) 204-02 Rear Suspension - Wheel Bearing and Wheel Hub > Electric Procedure or WSM 204-01B Front Wheel Bearing and Wheel Hub. Install the anti-ting washer between the wheel hub and axle shaft interface and reassemble.

Figure 1



- (2). No - this article does not apply. Refer to the WSM, for normal diagnostics.

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.