



TECHNICAL SERVICE BULLETIN

AWD - Various Warning Indicators - C0633 And/Or C00A6:07 - Built On Or Before 20-Mar-2020

21-227013 August
2021

This bulletin supersedes 20-2071. Reason for update: Add Production Fix Date

Model:

Ford 2020 Explorer
2020 Police Interceptor Utility
Lincoln 2020 Aviator

Summary

This article supersedes TSB 20-2071 to update the production fix date.

Issue: Some 2020 Explorer/Aviator/Police Interceptor Utility vehicles equipped with four-wheel drive (4WD) built on or before 20-Mar-2020 may exhibit various warning/fault messages with diagnostic trouble codes (DTCs) C0633 and/or C00A6:07 stored in the AWD module. This may be caused by an oil contaminated front halfshaft speed sensor. To correct the condition, follow the Service Procedure step to replace the front halfshaft speed sensor.

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

- 2020 Explorer/Aviator/Police Interceptor Utility
- Built on or before 20-Mar-2020
- 4WD
- Various warning/fault messages with DTCs C0633 and/or C00A6:07 stored in the AWD module

NOTE: Part quantity refers to the number of that service part number required, which may be different than the number of individual pieces. Service part numbers contain 1 piece unless otherwise stated. "As Needed" indicates the part is required but the number may vary or is not a whole number; parts can be billed out as non-whole numbers, including less than 1.

Parts

Part Number	Description	Quantity
L1MZ-4B409-A	Front Halfshaft Speed Sensor	1
XY-75W140-QL	Motorcraft® SAE 75W-140 Synthetic Rear Axle Lubricant	As Needed

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
2020 Explorer/Aviator/Police Interceptor Utility 4WD/AWD: Retrieve DTCs and Replace The Halfshaft Speed Sensor (Do Not Use With Any Other Labor Operations)	212270A	0.8 Hrs.

Repair/Claim Coding

Causal Part:	4B409
Condition Code:	42

Service Procedure

1. Replace the front halfshaft speed sensor. Refer to Workshop Manual (WSM), Section 205-03.

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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.