



TECHNICAL SERVICE BULLETIN

23-228031 August
2023

Illuminated Airbag Light With DTCs U3000:54 And/Or U3000:41 Stored In The OCSM And/Or B00A0:09, B00A0:63, B00A0:64 And/Or B00A0:68 In The RCM

Model:**Ford**
2021-2023 F-150

Issue: Some 2021-2023 F-150 vehicles may exhibit an illuminated airbag indicator light that may be accompanied by diagnostic trouble codes (DTCs) U3000:41 and/or U3000:54 in the occupant classification system module (OCSM) and/or B00A0:09, B00A0:63, B00A0:64 and/or B00A0:68 in the restraints control module (RCM). To correct this condition, follow the Service Procedure steps to perform the battery condition test and repair the vehicle as necessary.

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

- 2021-2023 F-150
- DTCs U3000:41 And/Or U3000:54 stored in the OCSM And/Or B00A0:09, B00A0:63, B00A0:64 And/Or B00A0:68 In The RCM

Parts

Service Part Number	Quantity	Description	Unit of Issue	Piece Quantity
99632A22	1	OCS (Occupant Classification System) Service Kit - Refer To The Parts Catalog For The VIN Specific Application	1	1
BAGM-94RH7-800	1	Battery (800 Amp) - Refer To The Parts Catalog For The VIN Specific Application	1	1
BAGM-48H6-760	1	Battery (760 Amp) - Refer To The Parts Catalog For The VIN Specific Application	1	1
BAGM-49H8	1	Battery (850 Amp) - Refer To The Parts Catalog For The VIN Specific Application	1	1
BHAGM-H3	1	Battery (380 Amp) - Refer To The Parts Catalog For The VIN Specific Application	1	1
W718633-S451	1	Front Seat Bolt	4	4
ML3Z-14D696-H	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-J	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-K	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-L	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-M	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-N	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-P	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1

ML3Z-14D696-Q	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1
ML3Z-14D696-R	1	Cushion Heater Mat - Refer to The Parts Catalog For The VIN Specific Application	1	1

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
2021-2023 F-150: Retrieve DTCs, Perform Battery Condition Test, Replace The OCSM (Can Be Claimed With Operation B) (Do Not Use With Any Other Labor Operations Outside Of This Article)	232280A	1.4 Hrs.
2021-2023 F-150 With Heated Seats: Additional Time To Replace Heated Seat Mat (Can Be Claimed With Operation A) (Do Not Use With Any Other Labor Operations Outside Of This Article)	232280B	0.3 Hrs.
Additional Time To Make Any Repairs Necessary From The Battery Condition Test (Can Be Claimed With Operation A And B)	MT232280	Actual Time

Repair/Claim Coding

Causal Part:	99632A22
Condition Code:	42

Service Procedure

- Perform a battery condition test and service the battery as necessary. Refer to Workshop Manual (WSM), Section 414-01 Battery, Mounting and Cables, Diagnosis and Testing.
- Clear and retest DTCs. Does the vehicle have DTC U3000:41 and/or U3000:54 stored in the OCSM?
 - Yes - replace the OCSM. Refer to WSM, Section 501-20 Supplemental Restraint System, Removal and Installation. Proceed to Step 3.
 - No - proceed to Step 3.
- Clear and retest DTCs. Did any DTCs return?
 - Yes - refer to WSM for additional diagnostics outside of this article.
 - No - repair is complete.

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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.