



TECHNICAL SERVICE BULLETIN

Turn Signal Flashing Fast In The IPC - Built On 01-Jan-2021 And Through 30-Apr-2021

21-2291

24 September
2021

Model:

Ford
2021 F-150

Issue: Some 2021 F-150 vehicles equipped with blind spot information system (BLIS) and rear lamp assemblies utilizing 2 incandescent bulbs and built on 01-Jan-2021 and through 30-Apr-2021 may experience a turn signal indicator flashing fast in the instrument panel cluster (IPC) with one or more of the rear lamp bulbs not flashing. This may be due to an incandescent rear lamp bulb not being completely inserted or has fallen out of the bulb socket. To correct the condition, follow the Service Procedure to inspect and replace the rear lamp wire harness.

Action: Follow the Service Procedure steps to correct the condition if the vehicle meets all of the following criteria:

- 2021 F-150
- Built on 01-Jan-2021 and through 30-Apr-2021
- Equipped with BLIS and rear lamp assemblies utilizing 2 incandescent bulbs
- Turn signal indicator flashing fast in the IPC with one or more of the rear lamp bulbs not flashing.

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. "If Needed" indicates the part is not mandatory.

Parts

Part Number	Description	Quantity
ML3Z-13410-B	Package Contains 1 Piece, 2 Pieces Required	Tail Lamp Harness 2
9T4Z-13466-A	-	3157 Bulb If 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
2021 F-150: Inspect And Replace Any Necessary Bulbs And Wire Harness In Both Rear Lamp Assemblies Following The Service Procedure (Do Not Use With Any Other Labor Operations)	212291A	0.4 Hrs.

Repair/Claim Coding

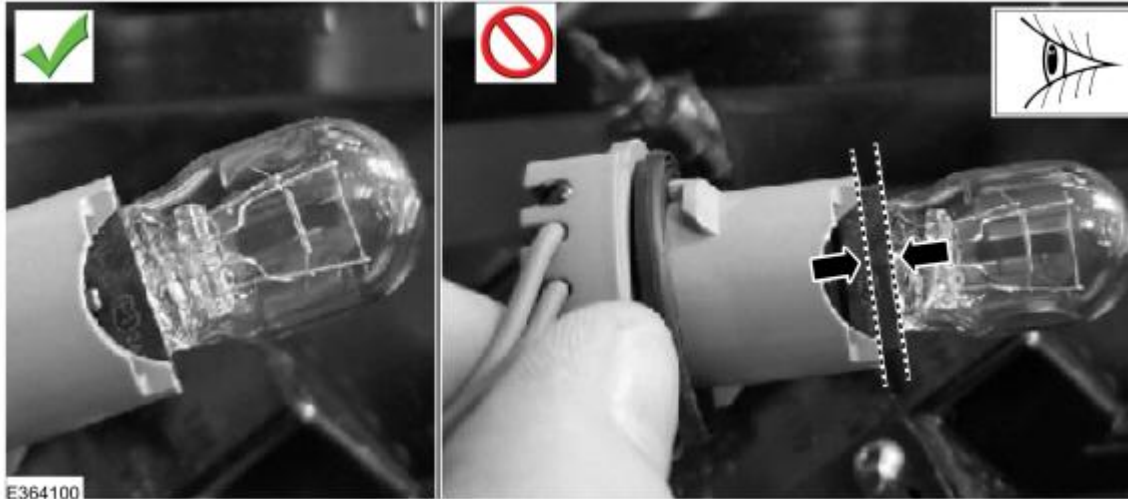
Causal Part:	13410
Condition Code:	D4

Service Procedure

1. Remove the rear lamp bulb socket on the affected side and location in the rear lamp assembly. Refer to Workshop Manual (WSM), Section 417-01, Removal and Installation, Rear lamp bulb, Steps 1 and 2 only.

2. Is the rear lamp bulb completely inserted into the bulb socket? A completely inserted bulb will have the top of the bulb connector flush with the top of the bulb socket. (Figure 1)

Figure 1



NOTE: If a bulb has fallen out of the bulb socket and is inside the rear lamp assembly, the loose bulb must be removed from inside the rear lamp assembly and discarded before reassembly.

- (1). Yes - proceed to Step 3.
 - (2). No - discard the affected bulb and obtain a replacement bulb for installation later in this procedure. Proceed to Step 4.
3. Inspect the affected rear lamp bulb filament for being burned out or open. Is the affected rear lamp bulb filament burned out or open?
 - (1). Yes - this article does not apply.
 - (2). No - proceed to Step 4.
 4. Remove the rear lamp assembly on the other side of the vehicle. Refer to WSM, Section 417-01. Proceed to Step 5.
 5. Remove and discard the rear lamp wire harness assemblies on both sides.
 - (1). Using pliers, remove the rear lamp wire harness fastener from the rear lamp housing near the upper bulb socket. The metal retainer from the rear lamp wire harness fastener may remain in the lamp housing. Needle nose pliers can be used to extract and discard the metal retainer. (Figure 2)

Figure 2



- (2). Using a tool, lift the metal tab on the connector mounting retainer to release the rear lamp wire harness connector from the rear lamp housing and lift upwards. (Figure 3)

Figure 3



- (3). Remove the upper and lower bulb sockets from the rear lamp assemblies.
 - (4). Remove all rear lamp bulbs from the rear lamp wire harnesses that were removed and transfer the bulbs to the replacement rear lamp wire harnesses. Any discarded bulbs in Step 2(2) will require replacement.
 - (5). Secure the rear lamp wire harness fastener to the rear lamp housing near the upper bulb socket. (Figure 2)
 - (6). Secure the connector mounting retainer for the rear lamp wire harness connector to the rear lamp housing. (Figure 3)
 - (7). Install the upper stop/turn/tail/sidemarkers and the lower stop/turn/tail bulb socket into the rear lamp assembly.
- 6.** Install the rear lamp assemblies. Refer to WSM, Section 417-01.

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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.