



TECHNICAL SERVICE BULLETIN

"Steering Assist Fault Service Required" Message In The IPC And Reduced Steering Assist With DTCs U3008:1B And/Or U3009:1B Stored In The PSCM

26-2150

08 April 2026

This bulletin supersedes 26-2035. Reason for update: update the Service Procedure to add figures 1, 2, 5 and 6 to clarify the ground location, update Steps (13-15, 21-22), and update the Parts list according to the type of vehicle variant and repair.

Model:

Ford 2025-2026 Explorer	
2025-2026 Police Interceptor	
Lincoln 2025-2026 Aviator	Built on or before 21-Dec-2025

Markets: North American markets only

Issue: Some of the vehicles listed in the Model statement above may exhibit all of the following conditions:

- "Steering Assist Fault Service Required" message displayed in the IPC
- Reduced steering assist
- DTCs U3008:1B and/or U3009:1B stored in the PSCM

This may be due to the PSCM ground connections.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to repair ground G104 (Explorer)/G116 (Aviator) on the passenger side frame rail for DTC U3008:1B and/or repair ground G103 (Explorer)/G119 (Aviator) on the passenger side shock tower for DTC U3009:1B.

Parts - Required Parts - Non Hybrid Vehicles With DTC U3008:1B

Service Part Number	Claim Quantity	Description
W505261-S450L	1	Self-Tapping M8 Bolt

Parts - Required Parts - Hybrid Vehicles With DTC U3008:1B

Service Part Number	Claim Quantity	Description	Note
W505261-S450L	1	Self-Tapping M8 Bolt	
W720930-S300	6	Blind Rivet	
VC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant	All Markets Except Canada
CVC-13-G	As Needed	Motorcraft® Yellow Concentrated Antifreeze/Coolant	Canada Only
VC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant	All Markets Except Canada
CVC-13DL-G	As Needed	Motorcraft® Yellow Prediluted Antifreeze/Coolant	Canada Only

Parts - Required Parts - Aviator Vehicles With DTC U3009:1B - Shock Tower Ground Repair

Service Part Number	Claim Quantity	Description
W520412-S450	1	M6 Nut
W711897-S450L	1	M6 Stud Bolt

Parts - Required Parts - Explorer/Police Interceptor Vehicles With DTC U3009:1B - Shock Tower Ground Repair

Service Part Number	Claim Quantity	Description
W520412-S450	1	M6 Nut

Claim Quantity refers to the total number of individual pieces required to repair the vehicle. This may differ from the number of service part number packages due to the unit of issue (UOI).

As Needed indicates the part is necessary but 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.

Only If Necessary indicates the part is not mandatory. Refer to the Service Procedure to determine the inspection/inclusion criteria.

Warranty Status: Warranty coverage limits and policies are not altered by a TSB. Warranty coverage limits are determined by the identified causal part.

Labor Times

Description	Operation No.	Time
2025-2026 Explorer/Aviator: Retrieve DTCs; Remove Ground G104 Or G116, Modify Sheet Metal, And Reinstall Ground Retainer. Includes Time To Verify Repair (Can Be Claimed With MTD)	262150A	0.8 Hrs
2025-2026 Explorer/Aviator: Retrieve DTCs, Replace The Nut On Ground G103 Or G119. Includes Time To Replace G119 Stud. Includes Time To Verify Repair (Can Not Be Claimed With MTD)	262150B	0.6 Hrs
2025-2026 Explorer/Aviator: Retrieve DTCs, Remove Ground G104 Or G116 Modify Sheet Metal And Reinstall Ground Retainer Retrieve DTCs Replace The Nut On Ground G103 Or G119 Includes Time To Replace G119 Stud Includes Includes Time To Verify Repair (Can Be Claimed With MTD)	262150C	1.0 Hrs
2025-2026 Explorer Hybrid 3.3L: Extra Time to R&I Cooling Module And Position Aside Hoses/Wires As Needed To Clear Path For Repair. (Can Be Claimed With A or C)	MT262150D	Actual Time Up To 5.1 Hours

Repair/Claim Coding

Causal Part:	14300
Condition Code:	x1

Service Procedure

1. Using the latest version of the FDRS scan tool, download and run the "Self-Test" application and select "Run ALL CMDTCs". Is DTC U3008:1B present in the PSCM?
 1. Yes - proceed to Step 2.
 2. No - proceed to Step 11.
2. Is the vehicle a 2026 Aviator?
 1. Yes - proceed to Step 3.
 2. No - proceed to Step 4.
3. Does the vehicle exhibit DTC U3009:1B?
 1. Yes - proceed to Step 12.
 2. No - this article does not apply. The ground connection for U3008:1B has been relocated on 2026 Aviator only. Refer to the WSM, Section 211-02 for normal diagnostics.
4. For hybrid vehicles only, remove the cooling module. Refer to WSM Section 303-03 > Removal and Installation > Cooling Module.
5. For non-hybrid vehicles only, remove the engine front undershield. Refer to WSM, Section 501-02 > Removal and Installation > Engine Front Undershield.
6. Remove and discard the M6 fastener from ground G104 (Explorer/Police Interceptor) or G116 (Aviator) on the passenger side frame rail. Refer to Wiring Diagram Cell 151 for connection locations. (Figures 1-2)

Figure 1 - Vehicles equipped with 2.3L engine

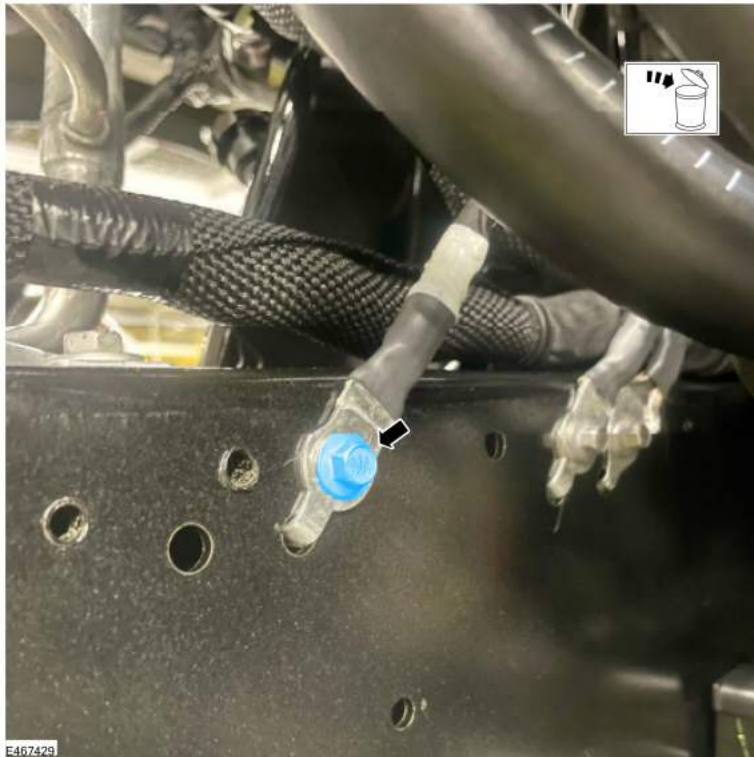
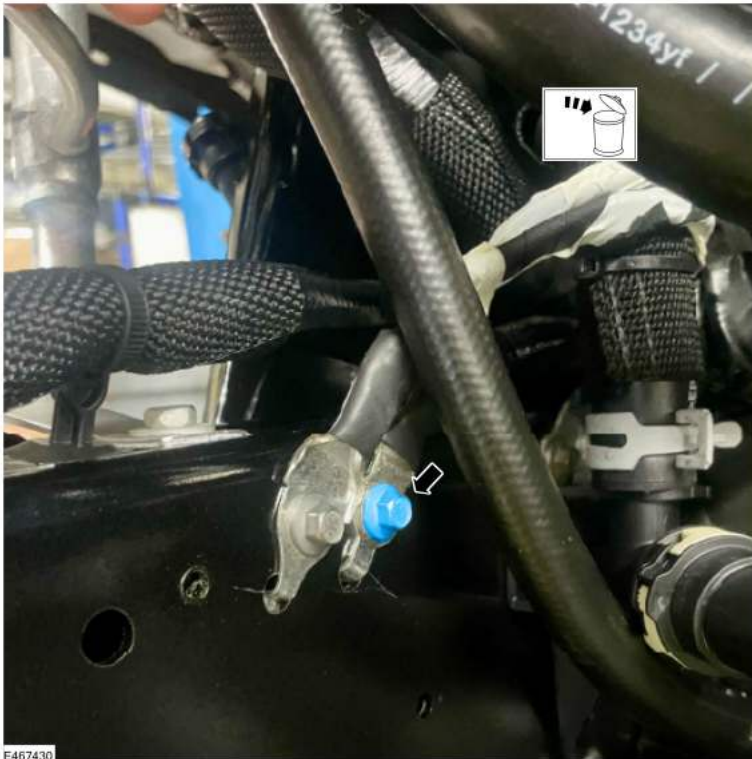


Figure 2 - Vehicles equipped with 3.0L and 3.3L engine

NOTE: The position of the ground eyelets shown may vary. The suspect ground is the smaller of the 2 eyelets.



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NOTE: Do not remove any paint from the body as the ground path conduction is through the bolt threads.

7. Carefully enlarge the existing holes in the frame rail sheet metal and the harness eyelet by drilling with a 7 mm (9/32 in) drill bit.
8. Reinstall ground G104 (Explorer/Police Interceptor) or G116 (Aviator) using the new self-tapping M8 fastener. Make sure the ground eyelet locating tab is properly aligned with the alignment hole in the frame. Tighten to 71 lb.in (8.0 Nm).
9. For non-hybrid vehicles only, install the engine front undershield. Refer to WSM, Section 501-02 > Removal and Installation > Engine Front Undershield.
10. For hybrid vehicles only, install the cooling module. Refer to WSM, Section 303-03 > Removal and Installation > Cooling Module.
11. Using EDRS, download and run the "Self-Test" application and select "Run ALL CMDTCs". Is DTC U3009:1B present in the PSCM?
 1. Yes - proceed to Step 12.
 2. No - repair is complete. If further diagnosis is necessary, refer to WSM, Section 211-02 > Diagnosis and Testing.

12. On Aviator vehicles, remove the wiring harness retainer from the ground G119 stud bolt on the passenger side shock tower. (Figure 3)

Figure 3



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13. On Aviator vehicles, remove and discard the ground G119 stud bolt. (Figure 4)

Figure 4



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NOTE: Do not remove any paint from the body as the ground path conduction is through the bolt threads.

- 14. On Aviator vehicles, install the new M6 stud bolt on ground G119. Tighten to 154 lb-in (17.5 Nm).
- 15. On Explorer/Police Interceptor vehicles, tighten the existing M6 bolt on ground G103 on the passenger side shock tower to 154 lb-in (17.5 Nm). (Figure 5)

Figure 5

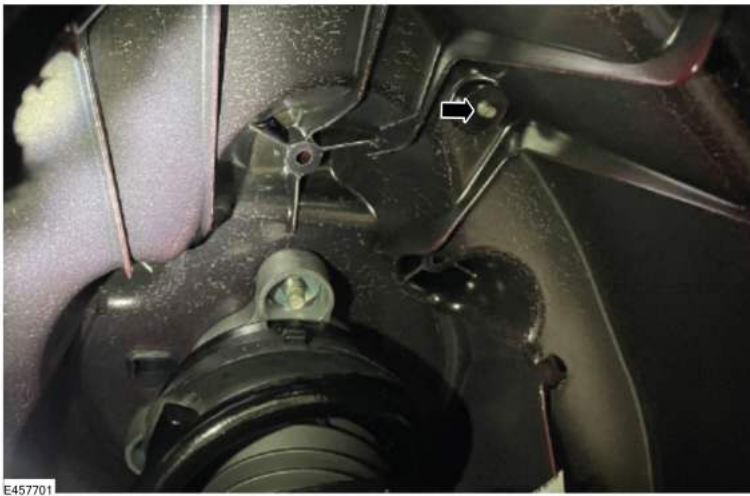


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- 16. Remove the right front wheel and tire. Refer to the WSM, Section 204-04A > Removal and Installation > Wheel and Tire.
- 17. Install the new M6 nut on the bottom of the ground G103 bolt (Explorer/Police Interceptor) or G119 stud bolt (Aviator) on the passenger side shock tower. Tighten to 106 lb-in (12.0 Nm). (Figure 6)

Figure 6

NOTE: Do not remove any paint from the body as the ground path conduction is through the bolt threads.



18. Install the right front wheel and tire. Refer to the [WSM](#), Section 204-04A > Removal and Installation > Wheel and Tire.

19. On Aviator vehicles, install the wiring harness retainer on the ground G119 stud bolt.

20. Using [FDRS](#) scan tool, clear all [DTCs](#).

21. To verify the repair, on dry pavement, turn the steering wheel left to right lock to lock within 2 seconds as shown in the video below. If the condition returns, refer to the [WSM](#), Section 211-02 for normal diagnostics. Repair as necessary outside of this article.

Verification Procedure



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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.