



# TECHNICAL SERVICE BULLETIN

25-2294

27 June 2025

## Various IPMA Related Driver Assistance Warning Messages Displayed In The IPC, Various Invalid Data/Lost Communication DTCs Stored In Multiple Modules

### Model:

<b>Ford</b> 2025 Explorer
<b>Lincoln</b> 2025 Aviator

**Markets:** North American markets only

**Issue:** Some of the vehicles listed in the Model statement above may exhibit driver assistance feature warning messages displayed in the IPC. Additionally, some modules may store invalid data/lost communication DTCs. This may be due to software in the IPMA.

**Action:** For vehicles that meet all of the criteria in the Issue and Model statements, follow the Service Procedure to recover and reprogram the IPMA.

**Warranty Status:** Eligible under provisions of New Vehicle Limited Warranty (NVLW)/Service Part Warranty (SPW)/Service Part New Vehicle (SPNV)/Extended Service Plan (ESP) coverage. Limits/policies/prior approvals are not altered by a TSB. NVLW/SPW/SPNV/ESP coverage limits are determined by the identified causal part and verified using the OASIS part coverage tool.

### Labor Times

Description	Operation No.	Time
2025 Explorer/Aviator: Retrieve DTCs Download And Run IPMA Recovery And Alignment Applications And Tron, Reprogram The IPMA Following The Service Procedure	252294A	1.6 Hrs.
Additional Time To Perform 360 Degree Camera Alignment (Can Be Claimed With Operation A)	252294B	0.4 Hrs.
Diagnose And Restore IPMA Communication (Can Be Claimed With Operation A)	AP252294C	Actual Time Up To 1.5 Hrs

### Repair/Claim Coding

Causal Part:	14G647
Condition Code:	04

### Service Procedure

- Using the latest version of the FDRS scan tool, download and run the "Self-Test" application and select "Run ALL CMDTCs". Observe the status of the IPMA and check for other modules setting a loss of communication DTC against the IPMA. Is an IPMA communication concern currently present?
  - Yes - proceed to Step 2.
  - No - proceed to Step 7.
- Using FDRS, download and run the "IPMA - Image Processing Module A (IPMA) Recovery" application.
- Using FDRS, download and run the "Trusted Real-Time Operation Network (TRON) Module Authentication" application and select "TRON Diagnosis and Repair".

4. Using FDRS, download and run the "IPMA - Image Processing Module A (IPMA) Alignment" application.
5. For vehicles equipped with a 360 degree camera, perform the "360 Degree View Camera Alignment" procedure in WSM, Section 413-13.
6. Using FDRS, clear all DTCs and confirm that all warning messages are cleared from the IPC. Has IPMA communication been restored?
  - (1). Yes - proceed to Step 7.
  - (2). No - to diagnose a communication concern, refer to WSM, Section 418-00A > Diagnosis and Testing. Once IPMA communication has been restored, continue to Step 7.
7. Connect a battery charger such as Rotunda GRX-3590 or DCA-8000 to the 12-volt battery.  
**NOTE: To prevent the battery saver mode from activating on the vehicle, make sure the negative cable of the charger is installed on a chassis or engine ground, and not the 12-volt battery negative terminal. Do not have the vehicle plugged into high voltage battery charger during programming. This can cause incorrect module programming. Make sure only the 12-volt battery charger is installed.**
8. Using FDRS, reprogram the IPMA.
9. Observe all messages displayed in the IPC. Is a "Resume Control" message displayed?
  - (1). Yes - proceed to Step 10.
  - (2). No - proceed to Step 11.
10. Turn the ignition off, close all doors, lock the vehicle, and wait 2 minutes.
11. Using FDRS, clear all DTCs.

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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.