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## TECHNICAL SERVICE BULLETIN

### Reverse Brake Assistance Not Available Message And DTC B1578:78 Stored In The IPMA Cannot Be Cleared - Built On Or Before 28-Oct-2022

**23-2021**

 24 January  
2023

**Model:**

<b>Ford</b> 2021-2022 Mustang Mach-E	Built on or before 28-Oct-2022
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**Markets:** Canada, USA

**Issue:** Some 2021-2022 Mustang Mach-E vehicles equipped with the rear view camera system only may exhibit the Reverse Brake Assistance Not Available message and diagnostic trouble code (DTC) B1578:78 stored in the image processing module A (IPMA) that cannot be cleared. This may be due to the IPMA software. To correct this condition, follow the Service Procedure to reprogram the IPMA to the latest level.

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

- 2021-2022 Mustang Mach-E
- Built on or before 28-Oct-2022
- Vehicles equipped with the rear view camera system only
- Rear Brake Assistance Not Available message and DTC B1578:78 stored in the IPMA that cannot be cleared

**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
2021-2022 Mustang Mach-E: Reprogram The IPMA Following The Service Procedure (Do Not Use With Any Other Labor Operations)	MT232021	Actual Time

**Repair/Claim Coding**

Causal Part:	14G647
Condition Code:	04

## Service Procedure

**NOTE:** When performing the IPMA software update additional modules will receive software updates. Depending on vehicle features, the coordinated software update includes the IPMA, power steering control module (PSCM), cruise control module (CCM) and/or camera module - rear (CMR).

1. Download and run the IPMA - Reset the Image Processing Module A (IPMA) Learned Values application in Ford Diagnosis and Repair System (FDRS).
2. Reprogram the IPMA using the latest FDRS software level. Follow all on-screen instructions carefully to complete all coordinated module software updates.
3. Perform the FDRS Rear Parking Aid Camera alignment procedure.
4. Perform the FDRS Image Processing Module A (IPMA) alignment procedure.
5. Run the IPC-Instrument Panel Cluster (IPC) Configuration application in FDRS.

**6. Clear DTCs and check if DTC B1578:78 is not present in the IPMA.**

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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.