



TECHNICAL SERVICE BULLETIN

Pro Power Onboard Unavailable Message In Center Display Screen With DTC B15DA:09 Stored In The BCM

25-2355

29 August
2025

This bulletin supersedes 23-2407. Reason for update: update the Service Procedure and labor operations from M-time to AP-time and add a limit.

Model:

Ford 2021-2022 F-150	Non-Lightning DCA Inverter (Minor Feature Code HUKAK)
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Markets: North American markets only

Issue: Some of the vehicles listed in the Model Statement above, may exhibit a "Pro Power Onboard Unavailable" message in the vehicle's center display screen with DTC B15DA:09 in the BCM. This may be due to the software level of the BCM and PCM. To confirm a vehicle is built with a certain minor feature code, review the build information by double-clicking the VIN in the upper left corner in the PTS.

Action: For vehicles that meet all of the criteria in the Issue and Model statements, follow the service procedure to update the software in the PCM then the BCM.

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 F-150: Retrieve DTCs And Reprogram The PCM And BCM	252355A	0.5 Hrs.
2021-2022 F-150 3.5L PowerBoost: Retrieve DTCs And Reprogram The Appropriate Modules Following The Procedure	AP252355B	Actual Time Up To 0.6 Hrs.

Repair/Claim Coding

Causal Part:	19G317
Condition Code:	04

Service Procedure

1. 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.

2. Is the vehicle equipped with a 3.5L PowerBoost engine?

(1). Yes - proceed to Step 3.

(2). No - reprogram the PCM using the latest software level of the FDRS scan tool. Proceed to Step 4.

3. Reprogram the PCM using the latest software level of the FDRS scan tool. Follow all on screen instructions carefully to complete all coordinated module software updates including:

- SOBDMC
- ABS module

- BECM

NOTE: Advise the customer this vehicle is equipped with an adaptive transmission shift strategy which allows the vehicle's computer to learn the transmission's unique parameters and improve shift quality. When the adaptive strategy is reset, the computer will begin a relearning process. This relearning process may result in firmer than normal upshifts and downshifts for several days.

4. Reprogram the BCM using the latest software level of the FDRS scan tool.

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