



TECHNICAL SERVICE BULLETIN

Wireless Accessory Charger Inoperative/Poor Performance With Magsafe Charging iPhones

22-2485

12 December
2022

Model:

Ford
2021-2022 Bronco
2021-2022 Bronco Sport
2021-2022 Escape
2020-2021 Expedition
2020-2022 Explorer
2021-2022 F-150
2020-2022 F-Super Duty
2022 Maverick
Lincoln
2021-2022 Corsair
2020-2021 Navigator

Issue: Some 2020-2021 Expedition/Navigator, 2020-2022 F Super Duty/Explorer, 2021-2022 Bronco/Corsair/Escape/Bronco Sport, 2022 Maverick vehicles may exhibit the wireless charger inoperative or poor performance when using some Apple™ iPhone models that use MagSafe wireless charging including iPhone 12 and 13. This may be due to limited compatibility with the wireless accessory charging module (WACM). To correct the condition, follow the Service Procedure to update the WACM.

NOTE: The WACM software is designed to improve the compatibility between some Apple™ MagSafe charging iPhones, including iPhone 12 and 13 models, and the Ford Qi wireless charging module.

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

- One of the following vehicles:
 - 2021-2022 Bronco
 - 2021-2022 Bronco Sport
 - 2021-2022 Corsair
 - 2021-2022 Escape
 - 2020-2021 Expedition
 - 2020-2022 Explorer
 - 2021-2022 F-150
 - 2020-2022 F-Super Duty
 - 2022 Maverick
 - 2020-2021 Navigator
- Wireless accessory charger inoperative or poor performance with Apple™ Magsafe charging iPhones including iPhone 12 and 13 models

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
Reprogram The WACM (Do Not Use With Any Other Labor Operations)	222485A	0.3 Hrs.

Repair/Claim Coding

Causal Part:	19J235
Condition Code:	04

Service Procedure

1. Connect a battery charger 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 the high voltage battery charger during programming. This can cause incorrect module programming. Make sure only the 12-volt battery charger is installed.

2. Reprogram the WACM using the latest software level of the Ford Diagnostic and Repair System (FDRS).

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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.