



U.S. Department of Transportation
National Highway Traffic Safety Administration

ODI RESUME

OFFICE OF DEFECTS INVESTIGATION



Investigation: PE24002
Prompted By: VOQs and Early Warning Reporting
Date Opened: 01/31/2024
Investigator: Joseph Teitelman **Reviewer:** Peter Kivett
Approver: Tanya Topka
Subject: Loss of Motive Power

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Ford Motor Company
Products: 2021 Ford Bronco Sport
Population: 95,305 (Estimated)

Problem Description: Loss of engine power accompanied by complete electrical system failure

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	31	0	0	0	31	CONF
Crashes/Fires:	0	0	0	0	0	0
Injury Incidents:	0	0	0	0	0	0
Number of Injuries:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0
Number of Fatalities:	0	0	0	0	0	0

ACTION/SUMMARY INFORMATION

Action: Open this Preliminary Evaluation (PE)

Summary:

The Office of Defects Investigation (ODI) has received 31 vehicle owner questionnaires (VOQs) and additional early warning reporting field reports alleging loss of motive power in model year 2021 Ford Bronco Sport vehicles. Consumers have described that loss of engine power accompanied by complete electrical system failure has occurred either while driving, or after coming to a stop at traffic light or stop sign. It is commonly alleged that there are no warnings which preceded the failure and that following the loss of power event, the vehicle is stuck in the travel lane without external lighting. Some consumers have reported that the event was diagnosed as an issue with the vehicle's 12V battery and that a battery replacement was the only required repair.

ODI has opened this Preliminary Evaluation (PE) to determine the scope, frequency, and potential safety-

related consequences of the alleged defect. To review the ODI reports cited in the Opening Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).



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OPENING RESUME ODI REPORT IDENTIFICATION NUMBERS

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List of 31 ODI Report reference numbers:

11432247, 11488542, 11502129, 11504039, 11506114, 11506164, 11513866, 11514767, 11522221, 11527510,
11528100, 11531141, 11532731, 11533264, 11534697, 11535578, 11538770, 11538977, 11540482, 11541061,
11542788, 11544129, 11544283, 11544366, 11546110, 11549110, 11549121, 11550252, 11551786, 11560316,
11563170