



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

Investigation:	DP 22-001	Date Closed:	07/28/2022
Prompted by:	Defect Petition	Reviewer:	Peter Kivett
Date Opened:	05/27/2022		
Investigator:	Donte Kirksey		
Approver:	Stephen Ridella		
Subject:	Loss of Motive Power		

MANUFACTURER & PRODUCT INFORMATION

Manufacturer:	Ford Motor Company
Products:	2021 Ford Bronco
Population:	25,538

Problem Description: Under normal driving conditions without warning the vehicle may experience a loss of motive power without restart due to catastrophic engine failure related to a faulty valve within 2.7 L Eco-Boost Engines

FAILURE REPORT SUMMARY

	ODI	Manufacturer	Total
Complaints:	26	0	26
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
Fatality Incidents:	0	0	0

ACTION / SUMMARY INFORMATION

Action: Defect Petition DP22-001 has been granted. Preliminary Evaluation (PE22-007) has been opened.

Summary:

The Office of Defects Investigation (ODI) received three petitions on March 17, March 18, and March 29, 2022, which requested a defect investigation into an alleged defect of the "valves" on model year (MY) 2021 Ford Bronco vehicles equipped with the 2.7L Eco-boost engines. The petitioners alleged that MY 2021 Ford Broncos vehicles are experiencing loss of motive power at highway speeds with no-restart due to catastrophic engine failures.

On May 27, 2022, ODI opened this Defect Petition to evaluate whether to grant or deny the petition. ODI has identified 26 Vehicle Owners Questionnaires (VOQs) that relate to the alleged defect in the subject vehicles. Based on ODI's review of the applicable materials, including VOQs, NHTSA has decided to grant the petition and open a Preliminary Evaluation (PE22-007) to assess the scope, frequency, and potential safety-related consequences of the alleged defect. Accordingly, this Defect Petition is closed.

The ODI complaints cited above can be reviewed at [NHTSA.gov](https://www.nhtsa.gov) under the following ODI numbers:

11448171, 11448461, 11450659, 11450702, 11450737, 11450788, 11450871, 11450879, 11451158, 11451503, 11451957, 11452074, 11452692, 11453669, 11453933, 11454098, 11455294, 11456219, 11456713, 11459262, 11460124, 11460125, 11461178, 11463199, 11463296, 11464516.