



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

ODI RESUME

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

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:	32	0	32
Crashes/Fires:	0	0	0
Injury Incidents:	0	0	0
Fatality Incidents:	0	0	0

ACTION / SUMMARY INFORMATION

Action: Further evaluation of Defect Petition for a grant or deny decision

Summary:

The Office of Defects Investigation (ODI) received three petitions on March 17, 2022, March 18, 2022, and March 29, 2022, requesting a defect investigation into an alleged defect of the "valves" on 2021 MY Ford Bronco vehicles equipped with the 2.7L Eco-boost engine. The petitions can be reviewed at [NHTSA.gov](https://www.nhtsa.gov) under ODI numbers 11461178, 11460125, and 11460124.

The petitioners alleged that 2021 MY Ford Broncos vehicles are experiencing loss of motive power at highway speeds with no-restart due to catastrophic engine failures.

This defect petition has been opened to evaluate the issue and determine whether to grant or deny the petitions.

The petitioners identified a number of complaints received by NHTSA alleging complete engine failure. The ODI complaints cited above can be reviewed at [NHTSA.gov](https://www.nhtsa.gov) under the following ODI numbers: 11459262, 11457360, 11456713, 11456219, 11455294, 11454100, 11454098, 11453933, 11453669, 11452692, 11452595, 11452074, 11451957, 11451503, 11451158, 11450879, 11450871, 11450788, 11450737, 11450702, 11450659, 11448737, 11448461, 11448393, 11448171, 11441831, 11414378, 11414295, 11406545.