



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

# ODI RESUME

OFFICE OF DEFECTS INVESTIGATION



**Investigation:** PE24003  
**Prompted By:** VOQ and EWR Field Report Review  
**Date Opened:** 01/08/2024  
**Investigator:** Arnaldo Torres Diaz      **Reviewer:** Bruce York-B  
**Approver:** Tanya Topka  
**Subject:** Low Pressure Fuel Pump Assembly Failure

## MANUFACTURER & PRODUCT INFORMATION

**Manufacturer:** Chrysler (FCA US, LLC)  
**Products:** 2017-2018 Alfa Romeo GIULIA  
**Population:** 22,000 (Estimated)

**Problem Description:** Low pressure fuel pump assembly failure leading to stall/loss of motive power.

## FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
<b>All Incidents:</b>	12	0	0	0	12	CONF
<b>Crashes/Fires:</b>	1	0	0	0	1	0
<b>Injury Incidents:</b>	0	0	0	0	0	0
<b>Number of Injuries:</b>	0	0	0	0	0	0
<b>Fatality Incidents:</b>	0	0	0	0	0	0
<b>Number of Fatalities:</b>	0	0	0	0	0	0

**Description of Other:** EWR Field Reports

## ACTION/SUMMARY INFORMATION

**Action:** A Preliminary Evaluation has been opened.

**Summary:**

The Office of Defects Investigation (ODI) has received 12 complaints and multiple field reports alleging incidents of stall/loss of motive power as a result of low-pressure fuel pump failures in certain 2017-2018 model year (MY) Alfa Romeo Giulia equipped with 4 cylinder 2.0L and 6 cylinder 2.9L turbocharged engines.

Based on an analysis of the complaints and field reports, ODI has found that most of the reported loss of motive power incident allegations occurred at speeds above 25 MPH and resulted in permanent disablement of the vehicle. One (1) complaint reported a minor crash incident attributed to the loss of motive power due to fuel pump failure. Other complaints reported the fuel pump failed, was repaired and the fuel pump failed a

second time. During discussions with the manufacturer, ODI learned that in January 2018, they released a Technical Service Bulletin (TSB) #18-001-18 announcing to its service dealers a remedy for vehicles who experiences a diagnostic trouble code (DTC) P008A-Low Pressure Fuel System Pressure- Too Low. The remedy includes inspection of the fuel pump module and replacement, if necessary.

A Preliminary Evaluation has been opened to assess the scope, frequency, root cause(s) and consequences of these loss/stall of motive power incidents. Additionally, ODI may expand the scope of the subject population during the investigation, if needed. To review the ODI reports cited in the Opening Resume ODI Report Identification Number document, go to [NHTSA.gov](http://NHTSA.gov).