



Delphi Knowledge Article Series

FG1978 Fuel Module

Contamination Issue

Effected Vehicles:

- 2014-2019 (DS) RAM 1500 Pickup w 3.0 EcoDiesel Engine

The High-Pressure Fuel Pump (“HPFP”) involving the above vehicle may fail prematurely. As per NHTSA Reference: Z46 / NHTSA 22V-406, **a HPFP failure may introduce internally failed component debris into the fuel system potentially causing fuel starvation.** This debris is contaminating the fuel supply system causing the in-tank fuel module to stop working and supplying fuel to the HPFP. Simply replacing the in-tank fuel module FG1978 will not solve the problem, and the **fuel module will fail prematurely due to the debris contamination.**



These above metal shavings are found in the pump reservoir and filter assembly. Ingestion of metal shavings produced by a failing HPFP is not the fault of the in-tank module FG1978.

Debris in the fuel system causes the pump to fail.

Stellantis has released a Safety Recall notice on this matter – Recall 01A, Z46 or Z96 Engine High-Pressure Fuel Pump Repair. It is necessary to replace the HPFP, and inspect and replace, if necessary, additional contaminated fuel system components.

[View Safety Recall Notice](#)

From diesel, gasoline, and EV to light, commercial, heavy-duty, and off-highway applications, we keep vehicles running with a comprehensive portfolio of aftermarket solutions.



Scan QR Code
Garage 360

