

FCA US LLC Chronology
2011-2013 Dodge Durango and Jeep Grand Cherokee Fuel Pump Relay
Submitted on November 14, 2019

- In November 2018, FCA US LLC ("FCA US") Vehicle Safety Regulatory Compliance ("VSRC") Product Investigation team was notified by the FCA US Recall Administration team of dealers requesting NHTSA Recall 14V-150 or 15V-115 parts due to the original campaign parts failing. FCA US VSRC Product Investigation team requested six dealers to return a failed relay and relay harness to FCA US for analysis.
- In December 2018, FCA US VSRC sent six relays to FCA US Electrical Engineering for testing and analysis. Initial test results indicated that the relay coil was capable of closing and opening the relay contacts and appeared to be operational.
- Between December 2018 and January 2019, FCA US sent the same six relays and harness kits to the relay supplier for additional intrusive testing.
- Between January 2019 and February 2019, FCA US VSRC, FCA US engineering, and the relay supplier held meetings to discuss test results. The relay supplier test results indicated relay contacts had silicon present on the contact surfaces, preventing current flow through contacts. Additional testing was performed on the relay weather protection seals. Both seals were found to be made of silicone.
- Between March 2019 and June 2019, meetings were conducted between FCA US VSRC and FCA US engineering to review the issue and understand customer consequence and scope of the issue.
- Between June 2019 and November 2019, additional failed fuel pump relays were returned to FCA US for testing. FCA US materials engineering performed intrusive testing on faulty relays returned from the field, and two new relays that had never been installed on a vehicle. Meetings were conducted between FCA US VSRC and FCA US engineering to review the test results.
- As of October 31, 2019, FCA US has identified 170 CAIRs reported related to this issue.
- As of October 31, 2019, FCA US has identified 49 c/1000 warranty related to this issue.
- As of October 31, 2019, FCA US is not aware of any accidents or injuries potentially related to the issue.
- On November 7, 2019, FCA US determined, through the Vehicle Regulations Committee, to conduct a voluntary safety recall of the affected vehicles.