

Part 573 Safety Recall Report**15V-178****Manufacturer Name :** Chrysler (FCA US LLC)**Submission Date :** MAY 22,2015**NHTSA Recall No. :** 15V-178**Manufacturer Recall No. :** R14**Manufacturer Information :**

Manufacturer Name : Chrysler (FCA US LLC)

Address : 800 Chrysler Drive

CIMS 482-00-91 Auburn Hills MI 48326-2757

Company phone : 1-800-853-1403

Population :

Number of potentially involved : 1,451

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2013-2014 Dodge Viper

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : 2013-2014 Dodge Viper ("ZD") may experience an unexpected door opening if there is moisture in the door switch.

Production Dates : OCT 01, 2012 - FEB 06, 2014

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs**Description of Defect :**

Description of the Defect : Some Viper (ZD) vehicles may experience an unexpected door opening, at low speed, if there is moisture in the door switch. This could lead to an unsafe condition for the driver or passenger if the door should open unexpectedly while the vehicle is in motion.

Description of the Safety Risk : A driver or passenger door that opens unexpectedly while the vehicle is in motion (even at low speeds), could increase the possibility of a crash and risk of injury.

Description of the Cause : Investigation revealed the root cause to be a short in the door switch caused by moisture seeping past the switches' potting material. It was found that the suspect switches were potted with a hot melt adhesive, instead of the two part epoxy specified on the drawings.

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : Key Plastics

Address : 1301 McPherson Park Drive
Howell MICHIGAN 48843

Country : United States

Chronology :

- On February 13, 2014, Chrysler Engineering informed the Vehicle Safety Office (VSO) of a supplier issue with the wrong potting material being used on certain Viper door switches.
- At the time, the investigation determined there were 3 warranty complaints of vehicles that displayed an unexpected door opening or failure to close event on the door.
- Root cause was traced to a short in the door switch caused by moisture seeping past the switches' potting material. The short caused the electronic latch to release the door latch.
- The Tier 1 supplier of the door handle assembly is Key Plastics. The Tier 2 supplier of the door switch changed prior to 2013 MY production, however the door handle assembly was considered a carryover part. Thus, surrogate data was used for the Production Validation Testing.
- FCA US' investigation found that the new Tier 2 supplier was potting the switches with a hot melt adhesive, instead of the two part epoxy that was specified on the drawings.
- As of March 6, 2015, FCA US' has identified approximately 3 CAIRs, 0 VOQs and 0 field reports related to this issue.
- As of March 6, 2015, FCA US' is unaware of any accidents or injuries potentially related to this issue.
- On March 17, 2015, the FCA US LLC Vehicle Regulatory Committee approved a voluntary safety recall to replace the door handle assemblies and top covers.

Description of Remedy :

Description of Remedy Program : Chrysler will replace the door handle assemblies and top covers, free of charge. Chrysler has a longstanding policy and practice of reimbursing owners who have incurred the cost of repairing a problem that subsequently becomes the subject of a field action. To ensure consistency, Chrysler, as part of the owner letter, will request that customers send the original receipt and/or other adequate proof of payment to the company for confirmation of the expense.

How Remedy Component Differs from Recalled Component : The door switch potting material was replaced with a two-part epoxy, as originally specified on the drawing.

Identify How/When Recall Condition was Corrected in Production : The switch potting issue was corrected at Connor Assembly on February 6, 2014 (Vehicle VIN EV100564).

Recall Schedule :

Description of Recall Schedule : The original defect notification date was 5/11/2015 and the original owner notification begin date was 5/18/2015, while the original owner notification end date was 5/22/2015.

The interim dealer notification date was 5/20/2015 while the interim owner letter mail begin/finish date was 5/21/2015.

The final dealer notification estimate date is 6/29/2015 (parts available) and the final owner notification begin/finish date is 7/7/2015.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported