

Description of the Safety Risk : O-ring seal and hose damage may cause a fuel leak to occur which could increase the risk of an engine fire.
Description of the Cause : Root cause was lack of process control on the hose installation fixture at the Tier 2 fuel rail supplier.
Identification of Any Warning that can Occur : Vehicle owners may notice a fuel smell.

Supplier Identification :**Component Manufacturer**

Name : COOPER STANDARD AUTO FLUID SYS DIV

Address : 2110 EXECUTIVE HILLS CT
AUBURN HILLS 48326

Country : NR

Chronology :

On January 15, 2014, FCA received a warranty return fuel rail in which the dealer noted fuel smell and leak during pre-delivery inspection (vehicle built November 13, 2014, repaired November 24, 2014).

On January 27, 2015, the tier 1 supercharger supplier identified damage on a fuel rail crossover hose and notified FCA and their supplier who in turn, recreated the concern on their assembly fixture.

Subsequent suspect material x-ray analysis determined a 53% fall-out for rolled seals and/or damaged hoses indicating that the tier 2 supplier leak testing could not reliably detect failures.

Description of Remedy :

Description of Remedy Program : The recall remedy will be performed free of charge to owners (parts and labor). In addition, all affected vehicles are currently still covered by the manufacturer's warranty.

How Remedy Component Differs from Recalled Component : On January 29, 2015, the tier 2 supplier made several improvements to the insertion process to prevent damage.

Identify How/When Recall Condition was Corrected in Production : On January 30, 2015, FCA US engineering visited the tier 2 supplier and confirmed process improvements to the fixture and robustness of process via visual inspection, burst testing and teardown studies.

Recall Schedule :

Description of Recall Schedule : FCA US LLC notified dealers on April 23, 2015. The owner notification mailing began on April 23, 2015 and finished on April 23, 2015.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

* NR - Not Reported