

Part 573 Safety Recall Report

19E-043

Manufacturer Name : TRW Automotive Inc

Submission Date : AUG 02, 2019

NHTSA Recall No. : 19E-043

Manufacturer Recall No. : NR



Manufacturer Information :

Manufacturer Name : TRW Automotive Inc

Address : 12001 Tech Center Dr

Livonia MI 48150

Company phone : 999

Population :

Number of potentially involved : 36,971

Estimated percentage with defect : 1 %

Equipment Information :

Brand / Trade 1 : TRW

Model : Capacitors in airbag control units incorporated into vehicles recalled by Ferrari, Maserati, Porsche, and Volkswagen

Part No. : See attached

Size : NR

Function : NR

Descriptive Information : The vehicles recalled by Ferrari, Maserati, Porsche, and Volkswagen may contain an airbag control unit supplied by TRW with a capacitor out of specification for equivalent series resistance (ESR). The population identified here is the total number of potentially affected vehicles specified in the Ferrari, Maserati, Porsche, and Volkswagen NHTSA filings.

Production Dates : MAR 30, 2015 - SEP 30, 2017

Description of Defect :

Description of the Defect : TRW (now ZF) is submitting this report based on the filings of Ferrari, Maserati, Porsche, and Volkswagen recalling vehicles that incorporate certain airbag control units supplied by TRW containing a capacitor supplied by KEMET, which is potentially out of specification for ESR.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Based on the Ferrari, Maserati, Porsche, and Volkswagen filings, there may be inadvertent deployment of airbags or seat belt pretensioners or the deployment of airbags or seat belt pretensioners may be disabled in vehicles that experience this issue, thus increasing the risk of injury.

Description of the Cause : NR

Identification of Any Warning that can Occur : The airbag warning light may be illuminated in a vehicle with this issue.

Supplier Identification :

Component Manufacturer

Name : KEMET Plant Victoria
Address : Av las Americas 780
Sin Nombre de Col 35 Cd Victoria, Tamps FOREIGN STATES 87020
Country : Mexico

Chronology :

In early 2018, TRW (now ZF) became aware of an ESR above specification in capacitors supplied by KEMET, purportedly due to the manufacturing process at KEMET, linked to an inadvertent deployment in a vehicle in the field. ZF communicated and worked with customers and the sub-supplier to investigate root cause and analyze potentially related field returns. After further investigation, ZF identified other customers that may have received airbag control units containing potentially affected parts and informed those customers of the potential issue. On June 6, 2019, Ferrari filed a voluntary recall report with NHTSA. On June 14, 2019, Maserati filed a voluntary recall report with NHTSA. On July 17, 2019, Volkswagen and Porsche filed voluntary recall reports with NHTSA. ZF submits this report following communications with NHTSA, after becoming aware of and based on the recall filings of Ferrari, Maserati, Porsche, and Volkswagen. The root cause analysis is ongoing, and ZF is not aware of any injuries associated with this issue.

Description of Remedy :

Description of Remedy Program : The vehicle manufacturers have decided to voluntarily recall vehicles and will provide for the recall remedy, contact dealers and owners, and submit quarterly recall data reports to NHTSA.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : TRW was informed by KEMET in the course of the investigation that KEMET implemented process changes to address the out of specification issue in cw38 2015.

Recall Schedule :

Description of Recall Schedule : The vehicle manufacturers have decided to voluntarily recall vehicles and will provide for the recall remedy, contact dealers and owners, and submit quarterly recall data reports to NHTSA.

Planned Dealer Notification Date : NR - NR

Planned Owner Notification Date : NR - NR

Purchaser Information :

The following manufacturers purchased this defective/noncompliant equipment for possible use or installation in new motor vehicles or new items of motor vehicle equipment:

Name : Ferrari North America, Inc.

Address : 250 Sylvan Avenue
Englewood Cliffs NJ 07632

Country : US

Company Phone : NR

Name : Maserati North America, Inc.

Address : 1 Chrysler Drive
Auburn Hills MI 48326

Country : US

Company Phone : NR

Name : Porsche Cars North America, Inc.

Address : One Porsche Drive
Atlanta GA 30354

Country : US

Company Phone : NR

Name : Volkswagen Group of America, Inc.

Address : 3800 Hamlin Road
Auburn Hills MI 48326

Country : US

Company Phone : NR

* NR - Not Reported