

# Part 573 Safety Recall Report

# 18V-040

**Manufacturer Name :** Ferrari North America, Inc.

**Submission Date :** MAY 30, 2018

**NHTSA Recall No. :** 18V-040

**Manufacturer Recall No. :** 63



## Manufacturer Information :

**Manufacturer Name :** Ferrari North America, Inc.

**Address :** 250 Sylvan Avenue

Englewood Cliffs NJ 07632-2500

**Company phone :** 1800-999-9999

## Population :

**Number of potentially involved :** 1,899

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2013-2013 Ferrari California

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** All MY 2013 vehicles in the production range, nationwide. Note: All MY 2012 and older affected Ferrari vehicles were already included in Ferrari North America's prior 573 Safety Defect Information Reports dated January 10, 2017 and May 23, 2016, respectively, and are therefore not included in this filing

**Production Dates :** MAY 21, 2012 - APR 02, 2013

**VIN Range 1 : Begin :** ZFF65TJA7D0189063 **End :** ZFF65TJA2D0195708  Not sequential

**Vehicle 2 :** 2013-2013 Ferrari 458 Italia

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** All MY 2013 vehicles in the production range, nationwide. Note: All MY 2012 and older affected Ferrari vehicles were already included in Ferrari North America's prior 573 Safety Defect Information Reports dated January 10, 2017 and May 23, 2016, respectively, and are therefore not included in this filing.

**Production Dates :** MAY 18, 2012 - APR 17, 2013

**VIN Range 1 : Begin :** ZFF67NFA2D0189101 **End :** ZFF67NFA0D0196046  Not sequential

**Vehicle 3 :** 2013-2013 Ferrari F12 berlinetta

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** All MY 2013 vehicles in the production range located in Zone A ONLY (States: Alabama, California, Florida, Georgia, Hawaii, Louisiana, Mississippi, Texas, and South Carolina, Puerto Rico, and American Samoa). Note: All MY 2012 affected Ferrari

vehicles in Zone A, and MY 2011 and older affected Ferrari vehicles in Zones A, B, and C were already included in Ferrari North America's prior 573 Safety Defect Information Reports dated January 10, 2017 and May 23, 2016, respectively, and are therefore not included in this filing.

Production Dates : DEC 10, 2012 - APR 26, 2013

VIN Range 1 : Begin : ZFF74UFA0D0193090 End : ZFF74UFA2D0196279  Not sequential

Vehicle 4 : 2013-2013 Ferrari FF

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : All MY 2013 vehicles in the production range, nationwide. Note: All MY 2012 and older affected Ferrari vehicles were already included in Ferrari North America's prior 573 Safety Defect Information Reports dated January 10, 2017 and May 23, 2016, respectively, and are therefore not included in this filing.

Production Dates : MAY 30, 2012 - APR 22, 2013

VIN Range 1 : Begin : ZFF73SKA0D0189019 End : ZFF73SKA7D0195934  Not sequential

Vehicle 5 : 2013-2013 Ferrari 458 Spider

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All MY 2013 vehicles in the production range, nationwide. Note: All MY 2012 and older affected Ferrari vehicles were already included in Ferrari North America's prior 573 Safety Defect Information Reports dated January 10, 2017 and May 23, 2016, respectively, and are therefore not included in this filing

Production Dates : MAY 22, 2012 - APR 23, 2013

VIN Range 1 : Begin : ZFF68NHA1D0189231 End : ZFF68NHA2D0196124  Not sequential

**Description of Defect :**

Description of the Defect : On January 2, 2018, Takata submitted a 573 Safety Defect Information Report to NHTSA, stating as follows: "Takata has determined that a defect related to motor vehicle safety may arise in some of the subject non-desiccated PSAN inflators due to propellant degradation occurring after prolonged exposure to high absolute humidity, high temperatures and high temperature cycling. Testing and analyses conducted by Takata and by independent entities have found that there are wide differences in the time periods in which propellant degradation takes place. The propellant degradation varies in different climate zones, in different vehicle makes and models, and in different inflator and propellant configurations. Takata believes that the subject inflators perform as originally designed and manufactured and do not pose an unreasonable risk to safety until they reach a certain level of propellant degradation." Per the Defect Information Report filed by Takata with NHTSA on January 2, 2018, Takata stated not to be aware of any test ruptures in ballistic testing of returned inflators or confirmed field incidents of the designated categories and model years of the subject non-desiccated PSAN inflators other than those already under recall as detailed in prior Takata Defect Information Reports (DIR). Defect Information Reports of Takata prior to the Defect Information Report of Takata dated May 16, 2016 did not involve Ferrari vehicles. Ferrari is not aware of any confirmed field incidents, warranty claims or consumer complaints involving the subject Takata passenger air bag non-desiccated ammonium nitrate inflators mounted on its vehicles. Ferrari is filing this report in compliance with 49 CFR 573.3.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Per the Defect Information report filed with NHTSA by Takata on January 2, 2018, "Activation of a non-desiccated PSAN inflator with degraded propellant may result in an inflator rupture. An inflator rupture may cause metal fragments to pass through the air bag and into the vehicle interior at high speed, which may result in injury or death to vehicle occupants."

Description of the Cause : Per the Defect Information report filed with NHTSA by Takata on January 2, 2018, "the propellant wafers in some of the subject inflators may degrade over time, which could lead to over-aggressive combustion in the event the air bag is activated. Overly aggressive combustion creates excessive internal pressure when the inflator is activated, which may cause the inflator body to rupture. Based upon Takata's investigation to date, the potential for such ruptures occurs in some of the subject inflators after several years of exposure to persistent conditions of high absolute humidity, high temperatures, and high temperature cycling. The potential for rupture may also be influenced by other factors, including the specific vehicle environment, the inflator and propellant configuration, and manufacturing variability."

Identification of Any Warning that can Occur : None.

**Supplier Identification :****Component Manufacturer**

Name : TK Global LLC  
Address : 111 Peyerk Court  
Romeo MICHIGAN 48065  
Country : United States

**Chronology :**

Takata filed a Defect Information Report with NHTSA on January 2, 2018 and Ferrari is filing this Defect Information Report in compliance with 49 CFR 573.3. With regard to remedy launch, Ferrari will comply with the schedule outlined in the Third Amendment to the Coordinated Remedy Order dated December 9, 2016 ("CRO3") issued by NHTSA.

In May, 2018 Ferrari expanded this campaign from Zone A only, to include all MY 2013 vehicles, nationwide.

**Description of Remedy :**

**Description of Remedy Program :** Ferrari will conduct a voluntary safety recall on all affected vehicles to replace the front passenger airbag assembly subject to the availability of replacement assemblies in accordance with prioritization of risk, determined by the age of the inflator and exposure to high humidity and fluctuating high temperatures, and in accordance with the Coordinated Remedy Program. Customers may be eligible to receive reimbursement for the cost associated with this defect provided that the customer sends the original receipt and/or other adequate proof of payment to the company for confirmation of the expenses incurred by the customers. As stated in Annex A of CRO3, the vehicles involved in this filing have been assigned by NHTSA to Priority Groups # 9 and 10, with June 30, 2018 and March 31, 2019, as remedy launch deadlines for starting the implementation of the recall.

**How Remedy Component Differs from Recalled Component :** Ferrari will replace the current front passenger airbag assembly which includes a PSPI-2 inflator, with an airbag assembly including a new non-ammonium nitrate inflator ("new PAB").

**Identify How/When Recall Condition was Corrected in Production :** Ferrari began installing 'Final' non-ammonium nitrate airbag inflators ("new PAB") in new production vehicles, beginning in MY 2018.

**Recall Schedule :**

**Description of Recall Schedule :** Ferrari will conduct a voluntary safety recall on all affected vehicles to replace the front passenger airbag assembly subject to the availability of

replacement assemblies in accordance with prioritization of risk, determined by the age of the inflator and exposure to high humidity and fluctuating high temperatures, and in accordance with the Coordinated Remedy Program.

Planned Dealer Notification Date : JUN 08, 2018 - NR

Planned Owner Notification Date : JUN 22, 2018 - NR

\* NR - Not Reported