

# Part 573 Safety Recall Report

# 18V-381

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

**Submission Date :** JUN 07, 2018

**NHTSA Recall No. :** 18V-381

**Manufacturer Recall No. :** 61



## 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 :** 1,507

**Estimated percentage with defect :** 100 %

## Vehicle Information :

**Vehicle 1 :** 2012-2012 Ferrari California

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** All MY 2012 vehicles in the production range, nationwide. Note: All MY 2011 and older affected Ferrari vehicles for all Zones were already included in Ferrari North America's prior 573 Safety Defect Information Report dated May 23, 2016 and therefore are not included in this filing.

**Production Dates :** AUG 30, 2011 - MAY 17, 2012

**VIN Range 1 : Begin :** ZFF65LHA2C0182364 **End :** ZFF65LJA0C0189050  Not sequential

**Vehicle 2 :** 2012-2012 Ferrari 458 Italia

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** All MY 2012 vehicles in the production range, nationwide. Note: All MY 2011 and older affected Ferrari vehicles for all Zones were already included in Ferrari North America's prior 573 Safety Defect Information Report dated May 23, 2016 and therefore are not included in this filing.

**Production Dates :** JUL 14, 2011 - MAY 18, 2012

**VIN Range 1 : Begin :** ZFF67NFA4C0182682 **End :** ZFF67NFA2C0188996  Not sequential

**Vehicle 3 :** 2012-2012 Ferrari 458 Spider

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** All MY 2012 vehicles in the production range, nationwide. Note: All MY 2011 and older affected Ferrari vehicles for all Zones were already included in Ferrari North America's prior 573 Safety Defect Information Report dated May 23, 2016 and

therefore are not included in this filing.

Production Dates : FEB 12, 2012 - MAY 18, 2012

VIN Range 1 : Begin : ZFF68NHA4C0186290 End : ZFF68NHA0C0189221  Not sequential

Vehicle 4 : 2012-2012 Ferrari FF

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All MY 2012 vehicles in the production range, nationwide. Note: All MY 2011 and older affected Ferrari vehicles for all Zones were already included in Ferrari North America's prior 573 Safety Defect Information Report dated May 23, 2016 and therefore are not included in this filing.

Production Dates : SEP 01, 2011 - JUN 25, 2012

VIN Range 1 : Begin : ZFF73SKA6C0182509 End : ZFF73SKA6C0188892  Not sequential

## Description of Defect :

Description of the Defect : On January 3, 2017, 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 ammonium nitrate 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 3, 2017, Takata stated not to be aware of any test ruptures in ballistic testing of returned inflators in the designated categories and model years or confirmed field incidents of the subject non-desiccated ammonium nitrate inflators other than those already under recall as detailed in prior Takata Defect Information Reports. 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.

This Defect Information Report filing supersedes recall 17V-018 for Zone A 2012 model years, and also expands it to include all 2012 model year vehicles nationwide. The entire population of vehicles from 17V-018 has been moved to this campaign.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** Per the Defect Information report filed with NHTSA by Takata on January 3, 2017, "Activation of a non-desiccated ammonium nitrate 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 3, 2017, "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 : Takata Corporation

Address : 2500 Takata Drive  
Auburn Hills MICHIGAN 48326

Country : United States

## Chronology :

Takata filed a Defect Information Report with NHTSA on January 3, 2017 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 2012 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 # 7 and 10, with December 31, 2017 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 notify customers within the next few weeks.

**Planned Dealer Notification Date :** JUN 15, 2018 - NR

**Planned Owner Notification Date :** JUN 22, 2018 - NR

\* NR - Not Reported