

Part 573 Safety Recall Report**15V-433****Manufacturer Name :** Ferrari North America, Inc.**Submission Date :** AUG 18,2015**NHTSA Recall No. :** 15V-433**Manufacturer Recall No. :** 57**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 : 814

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2015-2015 Ferrari 458 Italia

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 MY Ferrari 458 Italia in the production date range

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari 458 Spider

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 MY Ferrari 458 Spider vehicles in the production date range

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari 458 Speciale

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 Ferrari 458 Speciale vehicles in the production date range

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari 458 Speciale A

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 MY Ferrari 458 Speciale A vehicles in the production date range.

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari FF

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 MY Ferrari FF vehicles in the production date range.

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari F12 berlinetta

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 MY Ferrari F12 berlinetta vehicles in the production date range.

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari LaFerrari

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : HYBRID ELECTRIC

Descriptive Information : All 2015 MY Ferrari LaFerrari vehicles in the production date range.

Production Dates : DEC 19, 2014 - APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Vehicle : 2015-2015 Ferrari California T

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

Descriptive Information : All 2015 MY Ferrari California T vehicles in the production date range.

Production Dates : DEC 19, 2014 -APR 29, 2015

VIN (Vehicle Identification Number) Range

Begin : NR

End : NR

☐ Not sequential VINs

Description of Defect :

Description of the Defect : The Driver's Side Air Bag could possibly deploy in a rotated orientation due to the improper assembly of the Driver's Side Air Bag Module by the supplier.

FMVSS 1 :NR

FMVSS 2 :NR

Description of the Safety Risk :This safety defect could increase the risk of occupant injuries or death in the event of front or rear collision.

Description of the Cause : A combination of insufficient gluing of the leather skin of the Driver's Air Bag module cover to the plastic base and improperly rotated orientation of the cushion during the manufacturing process.

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Takata

Address : NR

NR

Country : NR

Chronology :

On 06/16/2015 Takata informed Ferrari S.p.A. of the possibility of a defect in certain 2015 MY Driver's Side Airbag Modules. This defect is related to the relevant combination of insufficient gluing of the leather on the driver's side airbag cover and the possible rotated installation of the driver's airbag cushion in the airbag module.

The potential for a defect was first realized during out of position (OOP) tests with a 458 Italia model for validation of a new steering column. It was reported that in one test (5% f Dummy) the Nij values exceeded the limit of 100%. In this test it was observed that the leather skin of the Driver's Air Bag module cover was partially detached from the plastic base and that cushion deployed in a rotated orientation.

Subsequent root cause analysis found that the detached leather skin was caused by insufficient gluing of leather to the plastic base while the rotated orientation of cushion during deployment was caused by rotated orientation insert of the cushion into the folding machine. Both root causes could be proofed by test repetition with intentionally prepared parts. The effect of these 2 independent characteristics (folding orientation and leather gluing) was examined extensively and it was determined that only if both characteristics were present simultaneously could the result be seen in the 5% f Dummy Out of Position Test.

On 06/22/2015 Based on the above information and additional investigation, Ferrari S.p.A. determined that a recall was necessary.

Although the potential for rotated deployment is extremely limited, out of an abundance of caution Ferrari is moving swiftly to issue a stop sale order and implement a safety defect recall to remedy this potential safety defect on all potentially affected vehicles.

Description of Remedy :

Description of Remedy Program : FNA proposes to provide a notice to all customers that would inform them about this potential safety defect and that the Driver's Side Airbag Module needs to be replaced in order to eliminate the possibility of occupant injuries in the event of front or rear collision. FNA believes that the proposed notice would fully address the issue.

How Remedy Component Differs from Recalled Component : The remedied component has been produced with improved gluing methods as well as improved airbag assembly measures. These improved methods include additional position sensors to ensure proper installation angle of the folded airbag in the airbag module and a renovated gluing foam pad to ensure proper gluing of the perforated leather cover to the cover of the airbag module.

Identify How/When Recall Condition was Corrected in Production : Only the insert of the cushion in 45° orientation into the folding machine

allows for deployment in a rotated orientation. Insertion by 30° and by 15° shows no effect. Due to production check by sensors in the folding machine the orientation is controlled and it was very difficult to achieve a 45° orientation. To avoid such a condition in the future 2 additional sensors have been installed and were activated on June 10th, 2015 which allow only max 15° rotated orientation.

The insufficient gluing of leather skin to module covers was caused by a worn soft foam pad stamp. The soft foam pad was renovated on April 29th, 2015 and since then the gluing has been judged to OK.

Recall Schedule :

Description of Recall Schedule : NR

Planned Dealer Notification Date : AUG 10, 2015 - AUG 10, 2015

Planned Owner Notification Date : AUG 10, 2015 - AUG 10, 2015

* NR - Not Reported