Manufacturer Name: Ferrari North America, Inc.
Submission Date: OCT 29, 2021
NHTSA Recall No.: 21V-833
Manufacturer Recall No.: 78

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: 9,985
Estimated percentage with defect: NR

Vehicle Information:

Vehicle 1: 2016-2019 Ferrari 488
Vehicle Type: LIGHT VEHICLES
Body Style: 2-DOOR
Power Train: GAS
Descriptive Information: Ferrari has determined that a defect related to motor vehicle safety may arise in some MY 2016 - 2019 Ferrari 488 vehicles. These vehicles are equipped with a braking system that could potentially leak brake fluid, which may lead to partial or total loss of braking capability. Affected vehicles:
MY 2016 – 2019 Ferrari 488 GTB
MY 2016 – 2019 Ferrari 488 Spider
Production Dates: JUL 22, 2015 - AUG 28, 2019
VIN Range 1: Begin: ZFF79ALA1G0213176 End: ZFF79ALA2K0246793 Not sequential

Vehicle 2: 2010-2015 Ferrari 458
Vehicle Type: LIGHT VEHICLES
Body Style: 2-DOOR
Power Train: GAS
Descriptive Information: Ferrari has determined that a defect related to motor vehicle safety may arise in some MY 2016 - 2019 Ferrari 488 vehicles. These vehicles are equipped with a braking system that could potentially leak brake fluid, which may lead to partial or total loss of braking capability. Affected vehicles:
MY 2010 – 2015 Ferrari 458 Italia
MY 2012 – 2015 Ferrari 458 Spider
MY 2014 – 2015 Ferrari 458 Speciale
MY 2015 Ferrari 458 Speciale Aperta
Production Dates: SEP 26, 2009 - DEC 02, 2015
VIN Range 1: Begin: ZFF67NHB000170100 End: ZFF75VFA4F0213136 Not sequential

The information contained in this report was submitted pursuant to 49 CFR §573
Part 573 Safety Recall Report 21V-833

Description of Defect:

Description of the Defect: Ferrari has determined that a defect related to motor vehicle safety may arise in some MY 2010 - 2015 Ferrari 458 vehicles and some MY 2016 - 2019 Ferrari 488 vehicles. These vehicles are equipped with a braking system that could potentially leak brake fluid, which may lead to partial or total loss of braking capability.

FMVSS 1: NR
FMVSS 2: NR

Description of the Safety Risk: Upon total loss of brake fluid, the vehicle would lose braking capability, which may result in injury or death to vehicle occupants.

Description of the Cause: Unknown at this time. Ferrari and the supplier of the brake booster/pump assembly, Bosch, are continuing to investigate this issue.

Identification of Any Warning that can Occur: When the quantity of brake fluid in the relevant reservoir decreases by 52% of the maximum reservoir level (so that a percentage equal to 48% is still in such reservoir) a message will appear on the vehicle’s dashboard that reads as follows: “Brake fluid level low, Go to dealer slowly”. Additionally, a warning light will also appear on the dashboard and an acoustic buzzer will sound.

Involved Components:

Component Name 1: master cylinder/brake booster assembly
Component Description: master cylinder/brake booster assembly
Component Part Number: 000244010

Supplier Identification:

Component Manufacturer
Name: Robert Bosch GmbH
Address: Postfach 13 55
Heilbronn Foreign States 74003
Country: Germany

Chronology:
See attached chronology.

The information contained in this report was submitted pursuant to 49 CFR §573
### Description of Remedy:

<table>
<thead>
<tr>
<th>Description of Remedy Program</th>
<th>Ferrari is not yet aware of the root cause of this problem, nor the number of vehicles actually affected by it. Ferrari intends to send an interim notice letter to all 458 and 488 vehicle owners to warn them of this issue, and instruct them that if the “low Brake Fluid” warning message appears on the vehicle dashboard, the driver should pull off the road as soon as it is safe to do so, and then contact Ferrari Roadside Assistance and get towed to the nearest authorized Ferrari dealer.</th>
</tr>
</thead>
<tbody>
<tr>
<td>How Remedy Component Differs from Recalled Component</td>
<td>Unknown at this time.</td>
</tr>
<tr>
<td>Identify How/When Recall Condition was Corrected in Production</td>
<td>The Ferrari 458 and 488 model vehicles are no longer in production, and subsequent Ferrari models do not use the same brake master cylinder/brake booster component.</td>
</tr>
</tbody>
</table>

### Recall Schedule:

<table>
<thead>
<tr>
<th>Description of Recall Schedule</th>
<th>To be determined. Ferrari is not yet aware of the root cause of this problem, nor the number of vehicles actually affected by it.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planned Dealer Notification Date</td>
<td>DEC 21, 2021 - NR</td>
</tr>
<tr>
<td>Planned Owner Notification Date</td>
<td>DEC 21, 2021 - NR</td>
</tr>
</tbody>
</table>

* NR - Not Reported