

# Part 573 Safety Recall Report

# 18V-347

**Manufacturer Name :** Maserati North America, Inc.**Submission Date :** MAY 25, 2018**NHTSA Recall No. :** 18V-347**Manufacturer Recall No. :** 369**Manufacturer Information :**

Manufacturer Name : Maserati North America, Inc.

Address : One Chrysler Drive

Auburn Hills MI 48326

Company phone : 877-969-2737

**Population :**

Number of potentially involved : 62

Estimated percentage with defect : 9 %

**Vehicle Information :**

Vehicle 1 : 2018-2018 Maserati Quattroporte

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

**Descriptive Information :** The vehicles involved have been calculated according to the traceability of defects parts from supplier and combined with the assembly chassis in Maserati Plant. Certain MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles may have incomplete welds in the front sub frame caused by the incorrect restart of the welding machine following an interruption of the welding process during production. The population affected includes MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles that have a sub frame that had an interruption in the welding process.

Similar MY 2018 Quattroporte, Ghibli, and Levante vehicles not included in the recall were built with sub frames outside the suspect period of incorrect restart of the welding machine after an interruption in the welding process or were produced during the suspect period without an interruption of the welding process. The weld is correct for the sub frames of these machines.

Production Dates : JUL 18, 2017 - OCT 19, 2017

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2018-2018 Maserati Ghibli

Vehicle Type :

Body Style : 4-DOOR

Power Train : NR

**Descriptive Information :** The vehicles involved have been calculated according to traceability of defect parts from supplier and combined with the assembly chassis in Maserati Plant. Certain MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles may have incomplete welds in the front sub frame caused by the incorrect restart of the welding machine following an interruption of the welding process during production . The population affected includes MY 2018 Maserati Quattroporte, Ghibli, and Levante

vehicles that have a sub frame that had an interruption in the welding process. Similar MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles not included in the recall were built with sub frames produced outside the suspect period of incorrect restart of the welding machine after an interruption in the welding process or were produced during the suspect period without an interruption of the welding process. The weld is correct for the web frames of these vehicles.

Production Dates : JUL 18, 2017 - OCT 19, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2018-2018 Maserati Levante

Vehicle Type :

Body Style : SUV

Power Train : NR

**Descriptive Information :** The vehicles involved have been calculated according to traceability of defect parts from supplier and combined with the assembly chassis in Maserati Plant. Certain MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles may have incomplete welds in the front sub frame caused by the incorrect restart of the welding machine following an interruption of the welding process during production . The population affected includes MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles that have a sub frame that had an interruption in the welding process. Similar MY 2018 Maserati Quattroporte, Ghibli, and Levante vehicles not included in the recall were built with sub frames produced outside the suspect period of incorrect restart of the welding machine after an interruption in the welding process or were produced during the suspect period without an interruption of the welding process. The weld is correct for the web frames of these vehicles.

Production Dates : JUL 18, 2017 - OCT 19, 2017

VIN Range 1 : Begin :

NR

End : NR

Not sequential

## Description of Defect :

**Description of the Defect :** The affected vehicles may have incomplete welds of the front sub frame. In certain circumstances, complete welds near the incomplete welds may break.

FMVSS 1 : NR

FMVSS 2 : NR

**Description of the Safety Risk :** If the incomplete welds cause broken welds, in some cases the operators' control of vehicles could be diminished. This condition can cause a vehicle crash without prior warning.

**Description of the Cause :** NR

**Identification of Any Warning that can Occur :** Possibly abnormal noise from sub frame during vehicle usage.

## Supplier Identification :

**Component Manufacturer**

Name : Officine Meccaniche Rezzatesi  
Address : Localita Produttive Rezzatesi No. 18  
Rezzato FOREIGN STATES 25086  
Country : Italy

**Chronology :**

- 18 Oct 2017, Maserati Grugliasco (MG) plant found a front sub frame of Ghibli (M157) with a welding cord missing during an incoming quality check, and the supplier was immediately notified.
- 19 Oct 2017, the supplier checked all of its stock and all the parts in the MG plant. The supplier also implemented a containment in its process, with the introduction of a 100% compliance check. All Ghibli and Quattroporte (M156) were produced with verified parts on this date (clean point). The supplier started the root cause investigation.
- 7 Dec 2017, Japan presale underbody inspection found the issue on a Levante (M161). The supplier was immediately notified that M161 was also involved in the issue (the sub frame of the M161 was produced on 18 Sep 2017).
- 12 Dec 2017, the supplier implemented a 100% parts compliance check for production and check all plant stocks. The MM Plant produced with verified parts on this date (clean point).
- 12 Feb 2018, supplier identified root cause was the interruption of the welding process and the incorrect restart of the welding machine. The supplier identified the traceability codes of the suspect sub frames. Maserati set up a CAE study to evaluate the risks of the total lack of a welding cord (worst case), for all the models involved.
- 10 May 2018, the CAE analysis was completed with relative risk assessment.
- 17 May 2018, Maserati Vehicle Regulation Committee determined that a safety defect that affects motor vehicle safety existed and authorized a voluntary safety recall action.
- As of 25 May 2018, Maserati North America Inc. (MNA), has not identified any customer call reports, VOQs or field reports potentially related to this issue.
- As of 25 May 2018, MNA's total warranty is zero.
- As of 25 May 2018, MNA is not aware of any accidents or injuries potentially related to this issue.

## Description of Remedy :

Description of Remedy Program : Underbody inspection to verify the sub frame welds are complete. If an incomplete weld is found, replacement of the sub frame. Maserati plans to notify dealers and customers on or before 8 July 2018. All customers for whom this remedy is required, and our dealers, will receive notification of the remedy campaign. MNA intends to send customer notification letters to each owner of an affected vehicle by first-class mail to inform the customer of the problem, and advise customer to contact their local Authorized Maserati Dealer to schedule an appointment to repair the affected vehicle. We will also be posting it on the Maserati USA website under "Recalls by VIN" by VIN. Because all of the vehicles that potentially have this defect are MY 2018 vehicles, all of the affected vehicles are currently under warranty, and no customers would have incurred any costs to obtain a pre-notification remedy of this defect. Accordingly, MNA requests that it be excused from the requirements of 49 CFR 573.6(c)(8), 573.13, and 577.11 to provide notification to owners that they may be eligible for reimbursement of the costs of obtaining a pre-notification remedy of this defect. 49 CFR 573.13(d) permits manufacturers to "exclude reimbursement for costs incurred within the period during which the manufacturer's original or extended warranty would have provided for a free repair of the problem addressed by the recall, without any payment by the consumer." In addition, 49 CFR 577.11 (e) contemplates that, upon written request by the manufacturer, NHTSA may determine that the manufacturer is not required to provide notification concerning reimbursement for pre-notification remedies because all covered vehicles are under warranty. Thus, MNA;s request to be excused form the obligation of specifying a reimbursement program in this report, and of providing notification to owners concerning it, is consistent with the regulation governing reimbursement for pre-notification remedy.

How Remedy Component Differs from Recalled Component : Front sub frame  
Part Nos.  
670039024 Quattroporte  
670039232 Ghibli  
670104787 Levante

Identify How/When Recall Condition was Corrected in Production : Defect remedied in Maserati production line from 19 October '17 for Grugliasco (Ghibli and Quattroporte) and 12 December '17 for Mirafiori (Levante) with 100% inspection of all supplier parts received.

## Recall Schedule :

Description of Recall Schedule : Maserati North America, Inc, will notify dealers and begin notifying owners on or about 07/08/2018.  
Planned Dealer Notification Date : JUL 08, 2018 - JUL 08, 2018  
Planned Owner Notification Date : JUL 08, 2018 - JUL 08, 2018

\* NR - Not Reported