

Part 573 Safety Recall Report

16V-649

Manufacturer Name : Maserati North America, Inc.

Submission Date : SEP 14, 2016

NHTSA Recall No. : 16V-649

Manufacturer Recall No. : 310



Manufacturer Information :

Population :

Manufacturer Name : Maserati North America, Inc.

Number of potentially involved : 7

Address : 270 Sylvan Avenue

Estimated percentage with defect : 100 %

Englewood Cliffs NJ 07632

Company phone : 201-816-2638

Vehicle Information :

Vehicle 1 : 2015-2015 Maserati GHIBLI

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : Maserati S.p.A. and MNA have determined that the above described vehicles were manufactured with a front wheel bearing that was insufficiently hardened. An insufficiently hardened front wheel bearing will not be able to withstand high heat transfers which is normally experienced in certain driving conditions, especially if the vehicle is carrying heavier loads, and can potential fail, increasing the risk of a crash.

Production Dates : MAR 11, 2015 - MAY 14, 2015

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Defect :

Description of the Defect : Maserati S.p.A. and MNA have determined that the above described vehicles were manufactured with a front wheel bearing that was insufficiently hardened. An insufficiently hardened front wheel bearing will not be able to withstand high heat transfers which is normally experienced in certain driving conditions, especially if the vehicle is carrying heavier loads, and can potential fail, increasing the risk of a crash.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : An insufficiently hardened front wheel bearing will not be able to withstand high heat transfers which is normally experienced in certain driving conditions, especially if the vehicle is carrying heavier loads, and can potential fail, increasing the risk of a crash.

Description of the Cause : Front wheel bearing that was insufficiently hardened

Identification of Any Warning Noise
that can Occur :

Supplier Identification :

Component Manufacturer

Name : SKF Industrie S.p.A.
Address : via Pinerolo
Airasca TO FOREIGN STATES 42-10040
Country : Italy

Chronology :

Please note the following chronology of events:

- a. On April 11th 2016 Maserati opened an investigation as a result of 1 (one) claim from the China market regarding noise and vibration issues experienced by the customer during normal driving conditions.
- b. The vehicle was subsequently inspected by dealer and showed wheel bearing failure with scratches on the internal surface side of the bearing.
- c. The part was delivered for technical material analysis to Maserati SpA on May 30th, 2016.
- d. The first analysis performed confirmed the failure stated by the dealer, and the part was then sent to the supplier for further diagnosis.
- e. The supplier completed its diagnosis on June 17th, 2016, addressing as the root cause for bearing failure, a defective hardening process which occurred in its production line on April 30th, 2015 which affected batch of 158 parts.
- f. Maserati conducted an extensive internal investigation on July 4th which continued through August, 2016 (to ensure the issue was contained and validated for accuracy), and following this information (within the component traceability data available in the Maserati manufacturing process database), 99 vehicles were identified as potentially equipped with the defective part.
- g. On the 1st September 2016 Maserati decided to issue a vehicle safety recall.

NOTE: As of September 1, 2016, Maserati is unaware of any accidents or injuries potentially related to this issue.

Description of Remedy :

Description of Remedy Program : The proposed remedy is the inspection of the right and left-hand side front wheel bearings, and based on the inspection, one side or both the right and left-hand side front wheel bearings on the affected vehicles will be replaced. The remedy will be performed free of charge to the vehicle owner.

How Remedy Component Differs from Recalled Component : New Part Number

Identify How/When Recall Condition was Corrected in Production :

e. The supplier completed its diagnosis on June 17th, 2016, addressing as the root cause for bearing failure, a defective hardening process which occurred in its production line on April 30th, 2015 which affected batch of 158 parts.

f. Maserati conducted an extensive internal investigation on July 4th which continued through August, 2016 (to ensure the issue was contained and validated for accuracy), and following this information (within the component traceability data available in the Maserati manufacturing process database), 99 vehicles (world-wide) were identified as potentially equipped with the defective part.

Recall Schedule :

Description of Recall Schedule : Within 30 days of this notice.

Planned Dealer Notification Date : SEP 30, 2016 - SEP 30, 2016

Planned Owner Notification Date : SEP 30, 2016 - SEP 30, 2016

* NR - Not Reported