



MASERATI

07V-550
(12 Pages)

Defect Information Report

Maserati North America, Inc. ("MNA") has determined that a defect that relates to motor vehicle safety exists in certain Model Year 2008 Maserati GranTurismo vehicles. MNA is providing this notification to your office in accordance with 49 C.F.R. Part 573.

MNA has determined that certain GranTurismo models, specifically, only the USA version with the Advanced Weight Sensor (AWS) vehicles starting with production number (VIN) ZAMGJ45A980033932 (Assembly Number: 34950) through production number (VIN) ZAMGJ45A880035557 (Assembly Number: 36008), were manufactured with Supplemental Restraint System (SRS) Electronic Control Unit (ECU) software that could malfunction. The SRS ECU software is designed in part to determine if and when the vehicle's passenger side airbag system and passenger side seatbelt pre-tensioners should deploy. In a vehicle containing improperly functioning SRS ECU software, the passenger side air bag and passenger seatbelt pre-tensioners may not deploy in an accident which would otherwise warrant such deployment. However, malfunctioning SRS ECU software will initiate illumination of the SRS Airbag warning lamp on the instrument cluster assembly and on the overhead passenger side seat warning light display unit. Thus, the operator of the vehicle would receive a warning of the potential malfunction. Note that this action applies to cars produced and delivered for sale in the United States.

This malfunction of the SRS ECU software can occur when the battery is not fully charged.

As noted below, only a small fraction of the vehicles manufactured with this defect ever left the custody and control of Maserati S.p.A. or Maserati North America, Inc. A total of 56 vehicles are in dealer inventory or the hands of customers, and thus this notification relates only to those vehicles.

The information – to the extent currently available to MNA – that is required by your regulation follows:

1. Manufacturer's Name and Address.

Maserati North America, Inc.
250 Sylvan Avenue
Englewood Cliffs, N.J. 07632

Continued on next page



MASERATI

2. Vehicle Involved in this Notification.

The affected vehicles consist of certain Model Year 2008 Maserati GranTurismo vehicles equipped with the advanced passenger seat air bag weight sensor (AWS) system. The VIN range into which the vehicles fall starts with VIN: ZAMGJ45A980033932 (Assembly Number 34950) and ends with VIN: ZAMGJ45A880035557 (Assembly Number 36008). Production dates of affected vehicles are between 09/05/07 & 10/16/07, respectively. However, as noted above, the vast majority of the affected vehicles never left MNA's or Maserati S.p.A.'s control.

3. Total Number of Vehicles.

The total population of Model Year 2008 Maserati GranTurismo vehicles in the affected VIN range is 56 (of these 5 are in customer hands, 51 are in dealer inventory).

4. Approximate percentage of vehicles Estimated to Contain the Defect.

Within the affected VIN range all units contain the defect.

5. Description of the Defect.

The defect involves the SRS system ECU software. The software malfunction can occur when the battery is not fully charged.

6. Chronology of Events leading to this Defect Determination.

Maserati S.p.A. and MNA recently received notification from the supplier of the SRS ECU regarding a possible error in the unit's software functionality of certain control units delivered to the factory. The supplier for this component is: TRW, Germany.

Continued on next page



MASERATI

7. Description of Proposed Remedy.

There are two remedies for the affected SRS electronic control units (ECUs). One, which agents of the supplier perform, involves “reflashing” the ECU (cars at the port and cars in dealer inventory). The other, which can be performed by dealers, involves the removal and replacement of the affected SRS ECUs on customer cars. In the latter case, the dealer will be provided with replacement SRS ECUs which has been approved by MNA for the purpose of this remedy campaign. The remedy for all other vehicles (including vehicles at the ports) is for the SRS ECU to be re-flashed prior to delivery to our dealers. SRS ECU replacement will be performed free of charge to the vehicle owner, and will require approximately 2 hours to complete.

MNA anticipates that an adequate inventory of replacement components and the required tool will be available in approximately 15 days. All customers for whom this remedy is required and our dealers will receive notification of the remedy campaign. Because of the low number of vehicles that have been delivered to customers, Maserati North America, Inc. intends to contact each owner of an affected vehicle by telephone to inform the customer of the problem and advise the customer to contact their local authorized Maserati Dealer to schedule an appointment to repair the affected vehicle.

Because all of the vehicles that potentially have the defect were manufactured between 09/05/07 & 10/16/07, 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 C.F.R. §§ 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 C.F.R. § 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 C.F.R. § 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 from the obligation of specifying a reimbursement program in this report, and of providing notification to owners concerning it, is consistent with the regulations governing reimbursement for pre-notification remedies

Continued on next page



MASERATI

8. Campaign Schedule and Draft Notices.

MNA expects to begin customer notification within 15 days as well as additional dealer materials including a draft copy of the recall campaign instruction and information bulletin in the attached Recall Campaign document. MNA has assigned this campaign an internal number: 170.

9. Representative Copies of Notifications that Relate to the Defect and Have Been Sent to More than One Manufacturer, Distributor, Dealer, or Purchaser.

There are no notices, bulletins or other communications that relate directly to the defect and have been sent by MNA to more than one manufacturer, distributor, dealer, or purchaser.

Should you have questions concerning this submission, please contact me at your earliest convenience at 201-816-2638.

Sincerely,

Daniel Doku
Certification & Compliance
Maserati North America, Inc.
250 Sylvan Avenue
Englewood Cliffs, N.J. 07632
Tel: 201-816-2638
Fax: 201-816-0359
Email: ddoku@maseratiusa.com

enclosures



**MASERATI NORTH AMERICA, INC.
TECHNICAL SERVICE DEPARTMENT**



Section	Section serial n°	Bulletin n°	Date	Pages
Compliance		Recall Campaign 170	3, December 2007	6

MODEL: MY2008 Granturismo – USA Version with Advanced Weight Sensor (AWS)

SUBJECT: Recall 170, Supplemental Restraint System (SRS) ECU Software (NAB)

On certain 2008 model year Maserati **Granturismo's** equipped with the AWS system, starting with production numbers VIN ZAMGJ45A980033932 (Assembly Number 34950) and through production numbers VIN ZAMGJ45A880035557 (Assembly Number 36008) are involved in a **safety recall campaign** regarding the SRS Electronic Control Unit (ECU) (see VIN and Assembly Number List). The defect involves the SRS Electronic Control Units internal software.

In a vehicle containing improperly functioning SRS ECU software, the passenger side air bag and passenger seatbelt pre-tensioner may not deploy in an accident which would otherwise warrant such deployment. However, malfunctioning SRS ECU software will initiate illumination of the Airbag warning light on the instrument cluster assembly and Passenger Side Airbag warning light on the overhead display unit. Note that this recall campaign applies to U.S. specification vehicles **only**.

This malfunction can occur when the **battery is not fully charged or has dropped below acceptable voltage levels.**



NOTE: This malfunction condition specifically relates to the SRS ECU and the vehicle's battery voltage level. This action has been taken by Maserati as a result of a system nonconformity. Therefore once you have scheduled the appointment with the customer, promptly perform the repair. This recall campaign operation is free of charge to the customer and will take approximately 2 hours to complete. In accordance with Maserati procedures, we remind you to retain all documents relating to this recall campaign for a **minimum of 10 years**.

Note the following repair procedure:

1. Carefully read this document to determine the repair procedure.
2. Make reference to the technical documentation in order to properly perform the repair procedure.
3. Check via MODIS that the vehicle is included in the campaign and has not undergone a previous corrective action (**refer to the VIN & Assembly List provided at the end of the bulletin as well. Make no repairs to the vehicle until the vehicle's SRS ECU software level has been validated as described in step 4 below**).
4. Using the SD3, check and validate the SRS ECU software level. If the SRS ECU software level as indicated by SD3 is version x5.0a_0206 (see *Figure 1*), no further action is required for the vehicle. If any other software version is found, proceed as follows:
 - Properly protect areas that could be exposed to damages during the repair procedure.
 - Replace the SRS ECU with SRS ECU Part No. 215 341 which must be ordered as a critical VOR for this recall campaign (refer to the appropriate replacement procedure).



DATE : 00/00/2007-17:19:52
REGISTRATION NUMBER : 3XXXXX

MASERATI M145 NAB AIRBAG TRW

DIAGNOSIS SW VER. 10.20.00 DTD 00/00/07 _____
ISO CODE: AB8692041C _____
FIAT DRAW: 215341 _____
YEAR OF PRODUCTION: 2007 _____
MONTH OF PRODUCTION: 08 _____
DAY OF PRODUCTION: 06 _____
TRW HW N.: 33432812 _____
TRW HW VER.: 21 _____
TRW SW N.: x50a_0206 _____
TRW SW VER.: 0500 _____

Figure 1, Example of SD3 Screen Indicating Correct Software Level, x50a_0206



5. The operation has now been completed.
6. All replaced ECU's must be returned to the MNA Warranty Department.

Note the following Part that is included in this recall campaign:

- | | |
|------------------------|---------|
| • SRS ECU Part Number: | 215 341 |
|------------------------|---------|

Note the following Warranty Claims information to be submitted for this recall campaign and are as follows:

- | | |
|-------------------------|----------------------|
| • Campaign number | 170 |
| • Warranty (Cost) Code | 24 |
| • Defect (Problem) Code | 01 |
| • Component Code | 7.00.003 |
| • Operation Code | 7.00.003.1 (2.1 hrs) |



FULL VIN	ASSEMBLY NO.
ZAMGJ45A980033932	34950
ZAMGJ45A580033930	34956
ZAMGJ45A280033934	34973
ZAMGJ45A780033931	34996
ZAMGJ45A580034043	35046
ZAMGJ45A180034038	35090
ZAMGJ45A680034374	35103
ZAMGJ45A080034046	35108
ZAMGJ45A780034383	35110
ZAMGJ45A380034042	35122
ZAMGJ45A480034373	35125
ZAMGJ45A880034053	35153
ZAMGJ45A680034052	35154
ZAMGJ45A380034378	35164
ZAMGJ45AX80034054	35170
ZAMGJ45AX80034393	35174
ZAMGJ45AX80034040	35176
ZAMGJ45A780034044	35181
ZAMGJ45A680034388	35200
ZAMGJ45A480034437	35203
ZAMGJ45A880034439	35205
ZAMGJ45A880034389	35211
ZAMGJ45A380034381	35213
ZAMGJ45A480034390	35216
ZAMGJ45A280034047	35229
ZAMGJ45A480033935	35235
ZAMGJ45A680034391	35241
ZAMGJ45A680034049	35269
ZAMGJ45A180034394	35287
ZAMGJ45A380034039	35313
ZAMGJ45A080034385	35390



FULL VIN	ASSEMBLY NO.
ZAMGJ45A680034438	35395
ZAMGJ45A580033927	35414
ZAMGJ45AX80034037	35420
ZAMGJ45A180034671	35432
ZAMGJ45A580034687	35437
ZAMGJ45A480034048	35453
ZAMGJ45A880034392	35462
ZAMGJ45AX80034684	35463
ZAMGJ45A280034677	35484
ZAMGJ45A280034694	35487
ZAMGJ45A580034382	35491
ZAMGJ45AX80034670	35494
ZAMGJ45A380034879	35498
ZAMGJ45A980034384	35501
ZAMGJ45A680034844	35531
ZAMGJ45A180034864	35563
ZAMGJ45A780034674	35567
ZAMGJ45A880034683	35598
ZAMGJ45A380034686	35622
ZAMGJ45A480034857	35640
ZAMGJ45A980034675	35646
ZAMGJ45A880034876	35662
ZAMGJ45A680035167	35760
ZAMGJ45A880035557	36008

Ensure your staff is properly informed regarding this information.



December XX, 2007

Dear Maserati Dealer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Maserati S.p.A., the manufacturer of Maserati automobiles and Maserati North America, Inc., have determined that a defect, which relates to motor vehicle safety, exists in certain Model Year 2008 Maserati Granturismo's. Note that this action applies to cars produced and delivered for sale in the United States.

The defect involves the SRS System Electronic Control Units internal software. In a vehicle containing improperly functioning SRS ECU software, the passenger side air bag and passenger seatbelt pre-tensioners may not deploy in an accident which would otherwise warrant such deployment. However, SRS ECU software will initiate illumination of the airbag warning light on the instrument cluster assembly and the passenger side airbag light on the overhead display unit.

The vehicles possibly affected are as follows:

- Model Year 2008 Maserati Granturismo with Vehicle identification Numbers from ZAMGJ45A980033932 to ZAMGJ45A880035557 which have an Assembly Number from 34950 to 36008.

The affected SRS system electronic control unit installed in the vehicles mentioned above as per the instructions outlined in the recall bulletin.

The corrective action for the above listed repair, will be performed free of charge to the vehicle owner, and will require up to approximately 2 hours to complete. We have accordingly notified all owners of the affected vehicles, advising the owner of this problem and requesting that he or she contact any Authorized Maserati Dealer for the repair.

Continued on next page



MASERATI

Vehicles requiring a replacement SRS ECUs must be ordered as a critical VOR. Upon transmittal of the repair under the normal warranty system, we will of course reimburse you for the parts and the labor necessary to carry out this recall campaign.

Obviously, if you have any of the affected vehicles in your stock, you must not sell them until you have checked and validated the vehicle's SRS ECU software level (as per the enclosed recall bulletin instructions) and then performed the necessary SRS ECU replacement procedure.

If you have already sold any of the vehicles with the chassis numbers specified (VIN and Assembly numbers) in the enclosed instructions and have not yet sent in the new owner information to MNA, please do so at once so we may notify these owners.

Thank you for your cooperation.

Sincerely,

Massimo Guaraldi
Director, Aftersales Operations