

Ferrari

Ferrari North America, Inc.

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2003 APR -7 A 10 11

OFFICE OF
DEFECTS INVESTIGATION

April 3, 2003

Ms. Kathleen C. DeMeter, Director
Office of Defects Investigation
National Highway Traffic Safety Administration
400 Seventh Street, SW - NSA 01 - Room 5321
Washington, D.C. 20590

03V-142 ① of ②



Dear Ms. DeMeter:

Enclosed please find the Vehicle Safety Defect Initial Information Report, regarding the Recall Campaign Number 37, which we are initiating in order to correct the following:

On certain Ferrari vehicles, the Passive Restraint System may not function correctly. The vehicles possibly affected are as follows:

- Model year 1987 through 1992 Testarossa, with Vehicle Identification Numbers from ZFFSG17A5H0067487 to ZFFLG40A2N0092147, which have a Vehicle Assembly Number from 0001 to 9332.
- Model year 1991 through 1995, 512TR, with Vehicle Identification Numbers from ZFFLG40AXM0087440 to ZFFVG40A2S0100154, which have a Vehicle Assembly Number from 0001 to 17474.
- Model year 1995, 512M, with Vehicle Identification Numbers from ZFFVG40A9S0100202 to ZFFVG40A1S0104065, which have a Vehicle Assembly Number from 17498 to 21123.

Description of Defect: We have experienced inconsistent electrical operation of the automatic track assembly on the Passive Restraint System fitted in these models. Over the years, we have also had the need to change vendors several times. As a result, the replacement parts have become difficult to obtain and some parts may not be interchangeable due to varying suppliers.



An electrical or mechanical failure would compromise the ability of the Passive Restraint System to perform as designed or intended. In the event of an electrical or mechanical failure, however, the occupants can still manually lock and secure the system, in which case the integrity of the system would not be compromised in the event of a crash.

Please be advised that we are unaware of any injuries or property damage resulting from a potential failure of this system.

Chronology of events which led to determination of a safety defect:

The Ferrari factory informed Ferrari North America, Inc. that, as a result of the above mentioned information, they have decided to initiate a voluntary recall campaign to replace the entire Passive Seat Belt System on all Ferrari vehicles originally fitted with this system.

Measures to be taken to repair the vehicle:

The remedy consists of replacing all the main components of the Passive Seat Belt System. This includes the electronic control units, the retractor mechanism, and both the right and left motor driven track assemblies. This operation will be performed free of charge to the vehicle owner, and will require up to approximately 6.5 hours to complete.

Estimated initiation of corrective action:

April, 2003

Pre-remedy Reimbursement Plan:

Pursuant to 49 C.F.R. § 577.11(c)(1) and (d), the owner notification letter will inform owners that they may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of a problem associated with a defect consistent with this reimbursement plan. The Part 577 letter will provide an enclosure, pursuant to 49 C.F.R. § 577.11(c)(1), that provides the information required under 49 C.F.R. § 577.11(d). Specifically, the owners will be notified that they are entitled to reimbursement for any out-of-pocket costs that they incurred for the repair or replacement of the Passive Seat Belt System during the following period: *from any time before the date of this notification to NHTSA pursuant to 49 C.F.R. § 573.6, to up to ten days after the date on which the last of the owner notifications pursuant to 49 C.F.R. Part 577 is mailed.*



In addition, owners will be instructed to submit to Ferrari North America, Inc. at 250 Sylvan Avenue, Englewood Cliffs, New Jersey Attn: Service Department documentation that provides (a) the name and address of the claimant; (b) identification of their vehicle's make, model, model year, and vehicle identification number; (c) identification of the recall by reference to NHTSA's recall number or the recall number assigned by Ferrari; (d) identification of the owner or purchaser of the vehicle at the time that the pre-notification remedy was obtained; (e) a receipt, which may be an original or copy, for the pre-notification remedy, identifying the equipment replaced; and (f), if the pre-notification remedy was obtained at a time when the vehicle was covered under the original warranty program, documentation indicating that the manufacturer's dealer or authorized facility either refused to remedy the problem addressed by the recall under the warranty or that the warranty repair did not correct the problem addressed by the recall.

Under the reimbursement plan, reimbursement shall not be provided for repairs made within the period during which the original warranty would have provided for a free repair of the problem addressed by this recall, unless (i) a franchised dealer or authorized representative of Ferrari denied warranty coverage or (ii) the repair made under the warranty did not remedy the problem. Reimbursement also will not be provided if the pre-notification remedy was not of the same type as the recall remedy provided herein, did not address the defect that led to this recall, or was not reasonably necessary to correct the defect.

Also enclosed please find the letter that Ferrari North America, Inc. will send to all of the affected owners and to the Authorized Ferrari Dealers, as well as a draft of the technical instructions.

Best regards,

Enzo Francesconi
Vice President Technical Services

Enclosures

**VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT
TESTAROSSA, 512TR, 512M
"PASSIVE SEAT BELT SYSTEM"**

**FERRARI NORTH AMERICA, INC.
250 SYLVAN AVENUE
ENGLEWOOD CLIFFS, N.J. 07632
April, 2003**

Date Submitted:	April, 2003	Date Received:	April, 2003
Campaign Number:	37	Campaign Date:	April, 2003
Manufacturer:	Ferrari S.p.A.		
Model:	Testarossa, 512TR, 512M		
Supplier:	KLIPPAN ITALIA 20 Via Bruno Buozzi Moncalieri Torino Italy 10024	AUTOLIV KLIPPAN 3 Via Vittime di Bologna Moncalieri Torino Italy 10024	
	COMPAGNIA COSTRUZIONE CINTURE S.P.A. Via Vittime di Bologna Moncalieri Torino Italy 10024	ALLIED SIGNAL S.P.A. Via Vittime di Bologna Moncalieri Torino Italy 10024	
Model Year:	Testarossa 1987 Through 1991 512TR 1991 Through 1995 512M 1995		
Number of Affected Vehicles:	Total Affected U.S. Vehicles =	Testarossa 1700 512TR 241 512M 67	
Inclusive Manufacturing Dates:	Testarossa 512TR 512M	From: October 1986 Through: November 1991 From: January 1991 Through: September 1994 From: October 1994 Through: December 1995	
Other Vehicle Identification:	Testarossa 512TR 512M	Assembly Numbers from 0001 to 9332. VIN's from 0067487 to 0092147 Assembly Numbers from 0001 to 17474 VIN's from 0087440 to 0100154 Assembly Numbers from 17498 to 21123 VIN's from 100202 to 0104065	

Description of Defect:

We have experienced inconsistent electrical operation of the automatic track assembly on the Passive Restraint System fitted in these models. Over the years we have also had the need to change vendors several times. As a result, the replacement parts have become difficult to obtain and some parts may not be interchangeable due to varying suppliers.

In the event of an electrical or mechanical failure, the occupants can still manually lock and secure the system therefore the integrity of the system would not be compromised in the event of a crash.

Please be advised that we are unaware of any injuries or property damage resulting from a potential failure of this system.

Chronology of events which led to determination of a safety defect:

The Ferrari factory informed Ferrari North America, Inc. that, as a result of the above mentioned information, they have decided to initiate a voluntary recall campaign to replace the entire Passive Seat Belt System on all Ferrari vehicles originally fitted with this system.

Measures to be taken to repair the vehicle:

The remedy consists of replacing all the main components of the Passive Seat Belt System. This includes the electronic control units, the retractor mechanism, and both the right and left motor driven track assemblies.

This operation will be performed free of charge to the vehicle owner, and will require up to approximately 6.5 hours to complete.

Estimated initiation of corrective action:

April, 2003

Pre-remedy Reimbursement Plan:

Pursuant to 49 C.F.R. § 577.11(c)(1) and (d), the owner notification letter will inform owners that they may be eligible to receive reimbursement for the cost of obtaining a pre-notification remedy of a problem associated with a defect consistent with this reimbursement plan. The Part 577 letter will provide an enclosure, pursuant to 49 C.F.R. § 577.11(c)(1), that provides the information required under 49 C.F.R. § 577.11(d). Specifically, the owners will be notified that they are entitled to reimbursement for any out-of-pocket costs that they incurred for the repair or replacement of the Passive Seat Belt System during the following period: *from any time before the date of this notification to NHTSA pursuant to 49 C.F.R. § 573.6, to up to ten days after the date on which the last of the owner notifications pursuant to 49 C.F.R. Part 577 is mailed.*

In addition, owners will be instructed to submit to Ferrari North America, Inc., 250 Sylvan Avenue, Englewood Cliffs, NJ 07632 documentation that provides (a) the name and address of the claimant; (b) identification of their vehicle's make, model, model year, and vehicle identification number; (c) identification of the recall by reference to NHTSA's recall number or the recall number assigned by Ferrari; (d) identification of the owner or purchaser of the vehicle at the time that the pre-notification remedy was obtained; (e) a receipt, which may be an original or copy, for the pre-notification remedy, identifying the equipment replaced; and (f), if the pre-notification remedy was obtained at a time when the vehicle was covered under the original warranty program, documentation indicating that the manufacturer's dealer or authorized facility either refused to remedy the problem addressed by the recall under the warranty or that the warranty repair did not correct the problem addressed by the recall.

Under the reimbursement plan, reimbursement shall not be provided for repairs made within the period during which the original warranty would have provided for a free repair of the problem addressed by this recall, unless (i) a franchised dealer or authorized representative of Ferrari denied warranty coverage or (ii) the repair made under the warranty did not remedy the problem. Reimbursement also will not be provided if the pre-notification remedy was not of the same type as the recall remedy provided herein, did not address the defect that led to this recall, or was not reasonably necessary to correct the defect.

RECALL CAMPAIGN

**REF. NO. 37
PASSIVE SEAT BELT
SYSTEM**

**TESTAROSSA
512 TR
512 M**

April 2003

**READ, INITIAL
AND PASS ON ➔**

Service Manager	Parts Manager	Service Writer	Technicians				Warranty Clerk

April, 2003

Dear Ferrari Dealer:

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

 Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect, which relates to motor vehicle safety exists in certain 1987 through 1995 model year Ferrari vehicles.

On certain Ferrari vehicles, the Passive Restraint System may not function correctly. The vehicles possibly affected are as follows:

- Model year 1987 through 1992 Testarossa, with Vehicle Identification Numbers from ZFFSG17A5H0067487 to ZFFLG40A2N0092147, which have a Vehicle Assembly Number from 0001 to 9332.
- Model year 1991 through 1995, 512TR, with Vehicle Identification Numbers from ZFFLG40AXM0087440 to ZFFVG40A2S0100154, which have a Vehicle Assembly Number from 0001 to 17474.
- Model year 1995, 512M, with Vehicle Identification Numbers from ZFFVG40A9S0100202 to ZFFVG40A1S0104065, which have a Vehicle Assembly Number from 17498 to 21123.

We have experienced inconsistent electrical operation of the automatic track assembly on the Passive Restraint System fitted in these models. Over the years we have also had the need to change vendors several times. As a result, the replacement parts have become difficult to obtain and some parts may not be interchangeable due to varying suppliers.

If the Passive Restraint System experiences an electrical or mechanical failure, and the Passive part of the Restraint System was not engaged, the lap belt would be the only protection in the event of an accident, and the occupants may not be fully protected. In the event of such an electrical or mechanical failure, the occupants can still manually lock and secure the system therefore the integrity of the system would not be compromised in the event of a crash.

The remedy consists of replacing all the main components of the Passive Seat Belt System. This includes the electronic control units, the retractor mechanism, and both the right and left motor driven track assemblies.

This operation will be performed free of charge to the vehicle owner, and will require up to approximately 6.5 hours to complete.

We have accordingly sent notices to all owners of the affected vehicles advising them of this problem and requesting that they contact any Authorized Ferrari Dealer for the repairs, as per the attached notification letter.

A supply of these parts will be shipped automatically to you based on the number of vehicles in your servicing area. Any additional quantities must be ordered, as needed, from our Parts Department.

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 campaign.

Obviously, if you have any of the affected vehicles in your stock, you must not sell them until you have performed the necessary repairs. If you have already sold any vehicles with the chassis numbers specified in the enclosed instructions and have not yet sent in the new owner information to FNA, please do so at once so we may notify these owners.

Thank you for your cooperation.

Best Regards,

Enzo Francesconi
Vice President of Technical Services

**RECALL CAMPAIGN NO. 37
TESTAROSSA-512TR-512M
"PASSIVE RESTRAINT SYSTEM"
RECALL CAMPAIGN OVERVIEW**

03V-142 (19) (33)

- INTRODUCTION:** Ferrari Testarossa/512TR/512M Passive Restraint System
- SUBJECT:** Recall Campaign No. 37
- VEHICLES:** See the attached list of affected vehicles;
- Model year 1987 through 1992 Testarossa, with Vehicle Identification Numbers from ZFFSG17A5H0067487 to ZFFLG40A2N0092147, which have a Vehicle Assembly Number from 0001 to 9332.
 - Model year 1991 through 1995, 512TR, with Vehicle Identification Numbers from ZFFLG40AXM0087440 to ZFFVG40A2S0100154, which have a Vehicle Assembly Number from 0001 to 17474.
 - Model year 1995, 512M, with Vehicle Identification Numbers from ZFFVG40A9S0100202 to ZFFVG40A1S0104065, which have a Vehicle Assembly Number from 17498 to 21123.
- CONDITION:** We have experienced inconsistent electrical operation of the automatic track assembly on the Passive Restraint System fitted in these models. Over the years we have also had the need to change vendors several times. As a result, the replacement parts have become difficult to obtain and some parts may not be interchangeable due to varying suppliers
- If the Passive Restraint System experiences an electrical or mechanical failure, and the passive part of the restraint system was not engaged, the lap belt would be the only protection in the event of an accident, and the occupants may not be fully protected. In the event of such an electrical or mechanical failure, the occupants can still manually lock and secure the system therefore the integrity of the system would not be compromised in the event of a crash.
- REMEDY:** The remedy consists of replacing all the main components of the Passive Seat Belt System. This includes the electronic control units, the retractor mechanism, and both the right and left motor driven track

**RECALL CAMPAIGN NO. 37
TESTAROSSA-512TR-512M
"PASSIVE RESTRAINT SYSTEM"
RECALL CAMPAIGN OVERVIEW
PAGE 2**

PARTS: The parts required for this repair are identified by the following part numbers:

Part Number	Quantity	Description
67787900	1	Seat Belt Kit
65997300	1	Installation Kit

LABOR: Replacement of the Passive Restraints

Cost Code	24
Campaign Number	37
Defect Code	01
Component Code	9.40.016
Labor Operation (includes all labor)	9.40.016.9
Total Operation Time.....	6.5 hours

REIMBURSEMENT: Upon receipt of a warranty claim via ModisCS

Ferrari

Ferrari North America, Inc.

April, 2003

«FIRST» «LAST»

«ADD1»

«ADD2»

«CITY», «ST» «ZIP»

Serial Number: «VIN» «ASSY»

**Dear Ferrari Customer:**

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect, which relates to motor vehicle safety exists in certain 1987 through 1995 model year Ferrari vehicles.

On certain Ferrari vehicles, the Passive Restraint System may not function correctly. The vehicles possibly affected are as follows:

- Model year 1987 through 1992 Testarossa, with Vehicle Identification Numbers from ZFFSG17A5H0067487 to ZFFLG40A2N0092147, which have a Vehicle Assembly Number from 0001 to 9332.
- Model year 1991 through 1995, 512TR, with Vehicle Identification Numbers from ZFFLG40AXM0087440 to ZFFVG40A2S0100154, which have a Vehicle Assembly Number from 0001 to 17474.
- Model year 1995, 512M, with Vehicle Identification Numbers from ZFFVG40A9S0100202 to ZFFVG40A1S0104065, which have a Vehicle Assembly Number from 17498 to 21123.

We have experienced inconsistent electrical operation of the automatic track assembly on the Passive Restraint System fitted in these models. Over the years we have also had the need to change vendors several times. As a result, the replacement parts have become difficult to obtain and some parts may not be interchangeable due to varying suppliers.

If the Passive Restraint System experiences an electrical or mechanical failure, and the Passive part of the Restraint System was not engaged, the lap belt would be the only protection in the event of an accident, and the occupants may not be fully protected. In the event of such an electrical or mechanical failure, the occupants can still manually lock and secure the system therefore the integrity of the system would not be compromised in the event of a crash.

The remedy consists of replacing all the main components of the Passive Seat Belt System. This includes the electronic control units, the retractor mechanism, and both the right and left motor driven track assemblies.

Since your car is among those affected by the above condition, we kindly ask you to immediately contact any Authorized Ferrari Dealer in order to arrange an inspection of your automobile and to have the corrective action performed.

The corrective action for the above listed repair will be performed free of charge to you and will require up to approximately 6.5 hours to complete. Please plan, however, to leave your vehicle with the dealership to allow the dealer some flexibility for scheduling your repairs.

Prior to obtaining the free repair for this condition, in the event of an electrical or mechanical failure of the Passive Restraint System, you should manually lock and secure the system pursuant to the instructions in the Owners Manual.

By the time you receive this letter, the Authorized Ferrari Dealers will have been supplied with the parts and the instructions to perform the repair. If the Dealer fails or is unable to make the necessary repairs free of charge within a reasonable time, or if you have any problem obtaining the needed repair, you should inform the National Headquarters of Ferrari North America, Inc. at:

Ferrari North America, Inc.
250 Sylvan Avenue
Englewood Cliffs, NJ 07632
(201) 816-2651 (National Technical Office)

If the affected vehicle is not repaired free of charge to you and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, (NHTSA), 400 Seventh Street, SW, Washington, DC 20590. You may also telephone the toll free Auto Safety Hotline at 888-327-4236. (Washington, D.C. area residents may call 202-366-0123).

You may be eligible to receive reimbursement for the cost you incurred if you already have obtained a remedy for a problem associated with the defect described in this letter. However, you still must have this corrective action performed, regardless of any previous repairs that may have been performed. Information about the reimbursement program for pre-notification repairs is provided in the enclosure to this letter.

If you no longer own this vehicle or your address has changed, please complete the enclosed prepaid yellow card and return it to Ferrari North America, Inc.

We urge you to comply with this notice promptly and we apologize for any inconvenience this may cause you.

Best Regards,

Enzo Francesconi
Vice President of Technical Services

ENCLOSURE**Pre-Notification Reimbursement Program**

You may be eligible for reimbursement if you previously incurred out-of-pocket costs for repairs or replacements of the passive restraint systems covered by this recall campaign.

1. This reimbursement program applies to the vehicles listed below and in the attached letter:

- Model year 1987 through 1992 Testarossa, with Vehicle Identification Numbers from ZFFSG17A5H0067487 to ZFFLG40A2N0092147, which have a Vehicle Assembly Number from 0001 to 9332.
- Model year 1991 through 1995, 512TR, with Vehicle Identification Numbers from ZFFLG40AXM0087440 to ZFFVG40A2S0100154, which have a Vehicle Assembly Number from 0001 to 17474.
- Model year 1995, 512M, with Vehicle Identification Numbers from ZFFVG40A9S0100202 to ZFFVG40A1S0104065, which have a Vehicle Assembly Number from 17498 to 21123.

2. This reimbursement program applies to repairs or replacements of the passive restraint system of a vehicle listed above.

3. This reimbursement program applies to repairs or replacements of all or part of the passive restraint system of a vehicle listed above if such repair or replacement was made at any time up to ten days following the mailing of the attached notification letter.

4. This reimbursement program does not apply to repairs or replacements that were made within the period during which the original warranty would have provided for a free repair of the problem addressed by this recall, unless (i) a franchised dealer or authorized representative of Ferrari denied warranty coverage or (ii) the repair made under the warranty did not remedy the problem. Reimbursement also will not be provided if the pre-notification remedy was not of the same type as the recall remedy provided herein, did not address the defect that led to this recall, or was not reasonably necessary to correct the defect.

5. To obtain reimbursement for pre-notification remedies, you will need to provide a receipt, which may be an original or copy, identifying the equipment replaced; and, if the pre-notification remedy was obtained at a time when the vehicle was covered under the original warranty program, documentation indicating that the manufacturer's dealer or authorized facility either refused to remedy the problem addressed by the recall under the warranty or that the warranty repair did not correct the problem addressed by the recall. In addition, you will need to submit a written and signed claim for reimbursement that contains the information required in paragraph 6, below.
6. The claim for reimbursement should include the following information. (a) the name and address of the claimant; (b) identification of their vehicle's make, model, model year, and vehicle identification number; (c) identification of the Ferrari Campaign number (Campaign No. 37) or identification of the recall by reference to NHTSA's recall number; and (d) identification of the owner or purchaser of the vehicle at the time that the pre-notification remedy was obtained.
7. If you have any questions about the reimbursement program or need help in making a claim for reimbursement, please write or call Ferrari North America, Inc., at the following address and telephone number:

Ferrari North America, Inc.
250 Sylvan Avenue
Englewood Cliffs, NJ 07632
(201) 816-2651 (National Technical Office)

Warnings and Cautions

- 1. Perform all work with the battery master switch off or the battery disconnected.**
- 2. Do not connect or disconnect any electrical component in the seat belt system with the battery master switch on or the battery connected.**
- 3. Use extreme care and caution while performing this repair. This is an older vehicle and is subject to age considerations.**
- 4. If any modifications are found to the seat mounting points, be certain to note such modifications on the repair order and to advise the customer. The seats should be mounted in the stock locations with the approved hardware.**

Pre-Work Checklist

Examine the condition of the trim to be removed.

Examine the condition of door seals.

Examine the operation of the reverse lights.

Examine the condition of the seats, carpet, door sills and door trim.

Check for the installation of aftermarket accessories that would interfere with the repair.

Examine the operation of the seat belt warning lights.

Examine the operation of the seat belt warning buzzer.

Have the proper workshop manual available for referral while performing the repairs.

**RECALL CAMPAIGN NO. 37
TESTAROSSA/512TR/512M
"PASSIVE RESTRAINT SYSTEM"
Technical Instructions**

NOTE: Before starting this procedure, you MUST read all of these instructions carefully and completely.

Procedure:

1. Turn off the battery master switch or disconnect the battery.
2. Remove the front floor mats and carpets.
3. Place fender covers or suitable protection over both door sill areas and trim.
4. Remove the right and left seats.
5. Remove the right and left sun-visor and trim panels.
6. Remove the screw and detach the clips, then remove the track trim piece. You must remove the door seal in the area on the A-pillar near the end of the track to expose and remove the leather trim located there.
7. Remove the door seal near the latch area. (approx 8-10")
8. Loosen the leather trim on the body edge that the door seal attaches to, and remove the small trim panel below the cover for the seat belt track motor assembly.
9. Remove the 3 screws and carefully remove the trim panel for the seat belt track motor.
10. Place a 4-6" long piece of masking tape on the inside of the ¼ window in the area of the bolt for the track on the B-pillar. (This is to protect the glass from the tools.)
11. Remove the 2 bolts and 2 nuts for the seat belt track motor bracket.

**RECALL CAMPAIGN NO. 37
TESTAROSSA/512TR/512M
"PASSIVE RESTRAINT SYSTEM"**

Technical Instructions

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12. Mount the 2 new control units to the panels. Check the connectors for signs of corrosion and clean as needed. Apply Stabilant 22A to the connector and attach. Do not re-install the trim. This will be done later after a check of the operation of the new installed system. Place the hardware in a safe place.
13. Place the right seat belt track assembly on the workbench. Remove the 3 mounting bolts and nuts for the bracket. Remove the bracket and set aside. Save the 3 flat washers from the old mounting bolts. Remove the 3 large flat washers from the old motor (they stick to the rubber isolation bushings). You will have 3 small flat washers, 3 large flat washers, 3 bolts and 3 nuts. Set the nuts and bolts aside. New ones are furnished in the kit.
14. Set the old seat belt track assembly aside.
15. Place the NEW right side assembly on the workbench, with the motor side up that the bracket will mount to. Using the new hardware supplied and the old hardware saved from the removal of the bracket, assemble the bracket to the motor in the following order: place 1 of the saved small flat washers on each of the bushings on the motor, place the bracket on top of the motor, place the new small flat washers on the new bolts and install through the bracket, install the large flat washers and new nuts onto the bolts and tighten to specified torque.
16. Repeat the above steps for the other seat belt track assembly.
17. Secure the 2 wires (blue and black) to the backside of the track assembly at the B-pillar mounting point with electrical or duct tape. Secure the rest of the wires to the harness to tidy it up.
18. Check the 10 mm mounting bolt assembly on the new track assembly for proper assembly. Using the illustration, make sure that the nylon bushings, the concave flat washers and the nylon flat washers are assembled correctly.

**RECALL CAMPAIGN NO. 37
TESTAROSSA/512TR/512M
"PASSIVE RESTRAINT SYSTEM"
Technical Instructions
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There is a small nylon washer that is used to thread up this assembly and hold it in place during the mounting to the vehicle. **THIS IS VERY IMPORTANT!!!** If this assembly is not correct, it will severely affect the alignment and operation of the new seat belt track assembly. This is designed to allow for movement.

19. Take the right seat belt track assembly and locate it in the vehicle. With another person to support the front of the assembly near the A-pillar, locate the motor/ bracket assembly around the nut plate on the vehicle body and onto its mounting studs
20. Using a 17mm socket, start the 10mm bolt in the B-pillar by hand and thread in as far as possible. Use a ratchet to draw the bolt snug. Then, with a torque wrench, torque the bolt.
21. At the # 1 stud (see illustration) place a flat washer on the stud, then locate the track bracket onto the mounting studs. Then place another flat washer and a nyloc nut on the stud and secure.
22. Examine and make sure that all the mounting brackets for the track are located on a stud. Make sure that there are no flat washers on the remaining studs (they were removed earlier). If there is headliner material present on or near a stud, observe the following: if the material completely covers the area around the stud, it is acceptable. If it partially covers a stud (on 1 side only, for example), trim this material away to expose the area that the shims may contact.

**RECALL CAMPAIGN NO. 37
TESTAROSSA/512TR/512M
"PASSIVE RESTRAINT SYSTEM"**

Technical Instructions

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23. At the motor assembly, start the 2 bolts and 2 nuts with flat washers for the motor bracket. Using a small pry-bar placed between the motor bracket and the nut plate on the vehicle, pry up on the motor bracket until it contacts the studs. Secure the bolts and nuts while holding in this position. If the bracket has to be pulled down to fit, it will be necessary to elongate the holes for the bracket. There should be no downward tension on the motor. (See the illustration for material removal)
24. Using the supplied shims, you will shim the rest of the track in place. Do not deviate from the following order, failure to do so may cause misalignment or binding of the track
25. The # 1 stud is completed. Proceed to the # 5 stud. (See the illustration) .The # 6 stud is not used. Using the shims, determine the correct number and combination to fit between the stud and the bracket. **CAUTION!!** : On this stud, if the position of the tab (bracket) is out far enough that after the shim stack is in place, there is no room for a flat washer and nut, **DO THE FOLLOWING**: Take 2 black shims and place on the stud. Push the tab in and install a flat washer and nut. Tighten to spec. Press the release button on top of the sled at the back of the track and slide it back and forth a few times to make sure it moves freely. If it is OK, proceed to the next step. If not, determine the cause and correct before proceeding. This is the only stud you can perform this on. The rest should be OK.
26. Go to stud # 3 and perform the shim process. Determine the correct number and combination of shims to fit between the tab and body on the stud. Install the flat washer and nut and tighten. If no shim will fit, just install the flat washer and the nut and tighten. Do not pull out on the tab.
27. Proceed to stud # 4 and repeat the same procedure.
28. Proceed to stud # 2 and repeat the same procedure. Remember to install the tab for the trim piece on this stud.

RECALL CAMPAIGN NO. 37
TESTAROSSA/512TR/512M
"PASSIVE RESTRAINT SYSTEM"
Technical Instructions
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29. After completion of the above, press the release button on top of the sled and move the sled back and forth several times, the full length of the track. It **MUST** move freely and smoothly. It must not contact the body or any trim. If any binding occurs, you will need to remove all nuts washers and shims and repeat the shim procedure. Also make sure the bolt / washer assembly at the B-pillar is assembled and installed correctly. It is very important that the sled moves freely.
30. Check the electrical connector at the motor coming from the harness for signs of corrosion. If present, clean thoroughly, then apply Stabilant 22A and reconnect.
31. Release the sled and slide it to the front of the track. At the B-pillar at the bottom of the track where the sled was, you will notice a black, fork-shaped tab pointing upward. This tab contacts the micro-switch for the sled. Using your index finger, push down on the tab and release it several times. You should hear the micro-switch click and the tab should move freely. (See the illustration)
32. Install the left assembly, repeating the above procedures.
33. Once both seat track assemblies are installed, the clearance for the black plastic block (the one the black tab goes into) and the body at the B-pillar area must be checked. There is a piece of black leather trim glued to an aluminum panel that goes between the track and body. First, visually examine that the black plastic block is in line with the track. If not, you will need to adjust the trim piece correctly. If it is OK, then using your thumb and light to moderate pressure, push the block toward the B-pillar. There should be a little movement. If not, the trim will have to be corrected. To correct the trim, remove the screw located at the bottom of the trim panel and pivot the trim piece out toward the front of the car. Peel back the leather from the aluminum backing piece.

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Using the illustration as an outline, take the appropriate pair of aviation snips and trim the aluminum as shown. Fold the leather back in place, slide the trim piece back into its position and recheck. If OK, re-glue the leather to the panel and screw back into place. If it still does not move, you will need to trim some of the leather from the inside of the trim (to make it thinner). Repeat until the clearance is achieved. If it is still not satisfactory, remove the trim screw from the bottom. Pivot the trim out towards the front of the car slightly and recheck. When the clearance is achieved, re-drill the hole and install the screw. Be careful not to pivot the trim out too much. (Remember, you are just looking for a slight movement of the plastic block, while assuring the block is straight). Repeat this for the other side.

34. Remove the old shoulder belt assembly in the center console. Remove the storage tray and trim piece. Use care when removing the metal trim escutcheons.
35. Prepare the new assembly. Using the illustration, locate the connector on the new assembly for the drivers side reel. It will be the one with the male pins. Make sure that the wires are in the correct positions as shown. The illustration is with the connector facing you as you hold it your hand. If it is incorrect, release the lock-tabs on the pins, remove the wires, bend the lock-tabs out, and re-install in the correct positions as shown. Check the passenger side also. Failure to check this can result in an electrical short to the system.
36. Install the new shoulder harness assembly. Use the new hardware supplied. Check the connector on the car for signs of corrosion. Clean if necessary. Apply Stabilant 22 A to the connectors and reconnect. Re-install the trim. Check the belts for free movement. Correct any binding in operation.
37. Remove the plug and remove the screw that secure the door jamb switch to the vehicle for the seat belt operation. Carefully pull the switch out of the body and replace it with the new switch supplied in the parts kit.

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38. Repeat the procedure for the other side.
39. With ignition key in the off position, turn on the battery master switch or reconnect the battery.
40. With the doors open, depress the door jamb switch for the seat belt system and observe the operation of the track assembly. Both sides should move smoothly and freely. If not, determine and correct the cause.
41. Turn off battery master switch or disconnect battery.
42. Re-install the trim for the control units in the center console or toe board area. Reinstall the trim for the seat belt system motors (both pieces) and door seals. Replace the clips and re-install the trim for the seat belt tracks. Re-install the sun-visor trim.
43. Re-install the seats with new supplied hardware
44. Recheck all trim and work for proper fit and finish.
Clean all areas as necessary.
45. Turn on battery master switch or reconnect battery. Proceed to the system test.

Testing the System

1. Turn the ignition key to position 1.
2. Press the door switch to simulate a closed door.
3. The slider should move from the entry position to the driving position.
The total running time should not exceed 2-3 seconds.
4. Perform the running test several times and be sure the warning light goes out each time the slider locks into the driving position.
5. Check that the child safety function is working properly. Block the slider when it is moving between the entry and the driving position. Make sure the slider stops, and that the warning light illuminates.
6. Check the sensor block-out by pulling the belt rapidly out of the retractor when the slider is in motion, ensuring that the belt retractor does not lock. Check that the belt retractor does lock the belt movement by pulling rapidly on the belt when the slider is in the locked driving position. This checks that the sensor is working properly.
7. Check the emergency operation of the slider. Press the black button on the slider and make sure the slider moves freely on the rail assembly and then relocks on the rail assembly when the button is released.
8. Reset the belt assembly and be sure the warning light is not illuminated.

Recall 37 Testarossa VIN Numbers

67487	68719	69715	70559	71739	73215	74605	75416
67553	68721	69719	70561	71741	73251	74607	75448
67607	68725	69745	70587	71823	73253	74639	75452
67673	68757	69781	70619	71825	73287	74641	75453
67675	68750	69783	70621	71853	73323	74673	75454
67707	68787	69785	70651	71889	73325	74741	75455
67763	68789	69841	70653	71891	73353	74773	75466
67769	68813	69843	70681	71853	73355	74801	75472
67791	68817	69845	70687	71955	73393	74807	75491
67825	68823	69847	70715	71991	73433	74809	75505
67859	68825	69873	70717	72019	73461	74871	75522
67861	68879	69907	70719	72053	73463	74941	75523
67889	68903	69909	70721	72055	73465	75001	75543
67921	68905	69937	70751	72061	73467	75003	75544
67947	68907	69939	70755	72111	73493	75005	75545
67977	68931	69969	70845	72115	73495	75021	75575
67979	69001	69997	70951	72189	73529	75023	75576
68047	69005	69999	70981	72205	73531	75041	75577
68049	69009	70031	70983	72207	73533	75057	75618
68085	69011	70033	71011	72209	73571	75059	75619
68123	69013	70037	71013	72245	73573	75093	75635
68189	69015	70065	71015	72277	73605	75095	75672
68221	69035	70069	71045	72303	73607	75097	75689
68256	69037	70071	71133	72333	73635	75121	75704
68285	69039	70073	71135	72411	73673	75140	75739
68287	69083	70075	71137	72413	73703	75141	75740
68291	69095	70077	71148	72441	73707	75142	75754
68313	69127	70079	71177	72443	73741	75143	75755
68355	69129	70159	71179	72445	73797	75148	75771
68357	69161	70161	71203	72527	73841	75180	75772
68359	69163	70219	71205	72529	73877	75196	75788
68363	69165	70221	71255	72535	73879	75197	75821
68387	69191	70225	71257	72561	74037	75198	75835
68399	69213	70227	71287	72569	74039	75232	75836
68401	69217	70229	71289	72631	74041	75245	75837
68403	69261	70231	71353	72659	74103	75246	75855
68405	69267	70235	71365	72661	74141	75247	75872
68495	69291	70297	71387	72663	74205	75283	75889
68525	69325	70299	71389	72737	74247	75282	75890
68535	69353	70327	71391	72797	74317	75283	75935
68537	69357	70331	71445	72833	74319	75284	75952
68539	69385	70333	71447	72835	74321	75311	75967
68541	69439	70381	71449	72907	74381	75312	75968
68573	69471	70383	71515	72909	74383	75313	75998
68575	69473	70385	71517	72941	74423	75333	75999
68605	69503	70387	71543	72977	74425	75334	76000
68607	69531	70389	71545	72979	74431	75335	76001
68609	69533	70391	71583	73013	74433	75351	76019
68631	69585	70427	71613	73113	74435	75352	76020
68663	69655	70523	71645	73153	74467	75383	76035

Recall 37 Testarossa VIN Numbers

68665	69666	70525	71675	73211	74469	75384	76036
68689	69687	70557	71677	73213	74603	75385	76037
76063	76725	77343	77981	78626	79236	79967	80617
76069	76738	77361	77982	78675	79251	79974	80634
76071	76758	77409	77990	78676	79252	79975	80655
76097	76759	77426	77991	78695	79253	79976	80670
76104	76774	77427	78051	78711	79271	79992	80671
76105	76775	77428	78052	78712	79289	80007	80672
76119	76801	77429	78053	78728	79311	80024	80689
76120	76802	77444	78058	78729	79326	80025	80800
76138	76803	77460	78075	78743	79327	80026	80832
76154	76804	77462	78110	78746	79328	80041	80847
76165	76807	77463	78124	78750	79342	80042	80849
76170	76846	77481	78141	78751	79343	80043	80875
76171	76847	77482	78157	78790	79362	80076	80876
76200	76866	77518	78188	78797	79363	80111	80877
76212	76899	77519	78189	78798	79379	80112	80906
76213	76900	77538	78192	78813	79399	80113	80909
76246	76914	77551	78209	78833	79400	80129	80910
76247	76915	77577	78241	78847	79417	80130	80958
76248	76933	77578	78242	78853	79419	80144	80977
76268	76949	77595	78269	78854	79436	80148	80978
76300	76950	77609	78286	78871	79438	80162	81046
76301	76964	77627	78287	78886	79439	80165	81137
76302	76985	77628	78288	78887	79486	80177	81138
76304	77003	77629	78305	78937	79487	80179	81139
76334	77004	77661	78306	78938	79506	80180	81171
76355	77020	77664	78322	78939	79507	80197	81172
76356	77037	77660	78323	78940	79508	80198	81206
76389	77038	77709	78324	78953	79522	80215	81207
76391	77039	77712	78341	78954	79524	80229	81236
76392	77058	77713	78345	78957	79539	80230	81240
76424	77067	77714	78362	78958	79562	80234	81241
76440	77093	77716	78393	78974	79565	80266	81267
76454	77094	77759	78394	78991	79584	80268	81276
76473	77111	77762	78395	79009	79595	80269	81278
76474	77128	77763	78396	79029	79617	80285	81293
76488	77144	77783	78408	79030	79636	80291	81305
76490	77145	77784	78413	79045	79668	80356	81335
76491	77185	77804	78414	79046	79669	80371	81355
76508	77199	77805	78430	79065	79683	80390	81366
76509	77203	77819	78447	79070	79684	80404	81373
76522	77222	77835	78448	79119	79689	80408	81387
76540	77239	77852	78489	79136	79733	80425	81388
76541	77256	77853	78490	79137	79782	80459	81389
76569	77257	77855	78491	79154	79815	80509	81407
76570	77258	77870	78492	79168	79817	80510	81408
76571	77273	77889	78549	79169	79831	80529	81424
76573	77290	77905	78564	79200	79834	80559	81440
76592	77293	77906	78565	79214	79851	80560	81441

Recall 37 Testarossa VIN Numbers

76608	77294	77921	78568	79219	79867	80575	81442
76639	77325	77923	78567	79220	79868	80576	81477
76709	77326	77938	78624	79234	79909	80577	81511
76710	77327	77961	78625	79235	79956	80598	81513
81544	82719	83308	83628	83906	84384	84858	85441
81622	82741	83309	83629	83907	84385	84861	85445
81630	82751	83324	83642	83936	84386	84862	85459
81655	82752	83327	83643	83945	84387	84863	85464
81689	82772	83339	83647	83946	84400	84876	85481
81690	82773	83342	83653	83947	84401	84897	85482
81707	82788	83356	83658	83958	84415	84913	85523
81709	82789	83357	83659	83959	84417	84917	85524
81722	82790	83361	83660	83969	84418	84918	85541
81723	82791	83384	83663	83990	84445	84934	85542
81771	82830	83392	83671	83991	84447	84936	85565
81786	82852	83421	83675	83995	84471	84954	85578
81804	82896	83422	83676	84012	84472	84955	85582
81805	82897	83428	83680	84014	84496	84956	85583
81841	82927	83432	83681	84026	84497	84957	85600
81872	82928	83434	83691	84028	84516	84970	85602
81915	82952	83435	83695	84041	84545	84992	85603
81956	82953	83436	83696	84042	84582	85010	85604
81957	82955	83449	83697	84043	84595	85028	85619
81982	82956	83452	83710	84044	84596	85029	85655
82004	82971	83461	83714	84055	84614	85046	85658
82005	82987	83484	83727	84056	84616	85047	85659
82078	83007	83473	83728	84080	84617	85048	85661
82080	83008	83483	83741	84092	84631	85051	85679
82120	83022	83489	83742	84096	84633	85052	85680
82155	83026	83492	83743	84097	84634	85066	85698
82181	83040	83507	83759	84113	84649	85083	85699
82196	83088	83508	83760	84114	84651	85084	85721
82197	83097	83516	83764	84129	84652	85089	85737
82223	83098	83517	83773	84130	84669	85126	85774
82237	83133	83520	83777	84131	84671	85129	85777
82252	83143	83527	83790	84143	84672	85130	85795
82253	83149	83528	83802	84159	84673	85148	85796
82269	83150	83533	83803	84168	84674	85149	85799
82273	83151	83534	83807	84169	84688	85166	85816
82306	83154	83539	83819	84190	84689	85189	85819
82326	83168	83540	83832	84211	84690	85208	85836
82372	83169	83541	83838	84223	84691	85243	85837
82374	83180	83548	83839	84224	84706	85244	85862
82376	83204	83551	83840	84265	84707	85249	85863
82379	83213	83555	83841	84284	84708	85287	85881
82423	83221	83556	83858	84285	84747	85305	85884
82476	83222	83563	83859	84301	84769	85306	85901
82496	83225	83568	83872	84302	84770	85326	85938
82497	83230	83577	83873	84303	84771	85364	85941
82499	83231	83578	83888	84306	84773	85381	85942

Recall 37 Testarossa VIN Numbers

82600	83232	83590	83889	84322	84764	85383	85956
82522	83242	83591	83891	84339	84802	85384	85976
82581	83267	83592	83901	84353	84803	85385	85978
82584	83273	83610	83902	84354	84804	85403	85997
82649	83282	83616	83903	84355	84824	85422	85998
82650	83307	83623	83905	84374	84857	85440	86018
86031	86472	86958	87272	88565	89194	90025	91580
86051	86473	86959	87273	88578	89195	90046	91581
86053	86474	86960	87274	88579	89211	90048	91589
86070	86480	86974	87289	88580	89212	90097	91606
86089	86491	86975	87290	88581	89213	90202	91625
86090	86492	86976	87291	88582	89214	90221	91640
86092	86493	86977	87292	88597	89217	90222	91641
86093	86494	86978	87293	88598	89218	90260	91644
86111	86495	86979	87294	88599	89472	90327	91660
86165	86737	86993	87383	88600	89512	90328	91661
86168	86738	86994	87384	88601	89513	90330	91663
86170	86739	86995	87385	88617	89514	90351	91680
86180	86740	86996	87386	88618	89528	90442	91682
86183	86741	86997	87387	88619	89529	90717	91699
86184	86742	86998	87388	88620	89530	90791	91701
86186	86747	87012	87402	88632	89531	90797	91720
86202	86748	87013	87403	88633	89532	90798	91721
86204	86749	87095	87404	88634	89548	90817	91724
86205	86750	87096	87405	88791	89549	90837	91725
86206	86751	87097	87406	88792	89609	90838	91741
86207	86752	87098	87407	88807	89610	90855	91742
86222	86755	87099	87408	88808	89611	90871	91743
86224	86756	87100	87409	88809	89612	90872	91757
86227	86757	87113	87410	88810	89613	90893	91758
86242	86758	87114	87423	88824	89628	90909	91759
86244	86759	87115	87424	88825	89629	90910	91781
86261	86760	87116	87425	88826	89630	90927	91848
86300	86764	87117	87426	88827	89631	90948	91886
86318	86765	87118	87427	88828	89632	90949	91917
86322	86824	87131		88829	89647	90963	91935
86335	86825	87132	87748	88842	89685	91103	91936
86354	86826	87133	87749	88843	89686	91184	91937
86355	86827	87134	87750	88844	89687	91234	91938
86356	86830	87135	87751	88976	89727	91286	
86372	86831	87136	87752	88977	89737	91341	
86374	86832	87137	87753	88976	89738	91375	91947
86376	86833	87138	87787	88979	89755	91380	91948
86397	86834	87231	87788	88980	89756	91409	91950
86411	86835	87232	87789	88998	89798	91449	91951
86414	86836	87233	87770	88999	89814	91465	91965
86416	86841	87234	87771	89000	89815	91482	91966
86432	86842	87235	87772	89001	89817	91483	91968
86436	86843	87236	87786	89002	89818	91492	91969
86437	86844	87250	87789	89015	89819	91510	91982

Recall 37 Testarossa VIN Numbers

86452	86845	87251	87790	89016	89831	91511	91983
86453	86846	87252	87791	89017	89832	91512	91984
86454	86860	87253	87805	89018	89833	91528	91985
86455	86881	87254	87806	89019	90008	91529	91986
86456	86862	87255	87807	89020	90009	91549	91987
86457	86965	87269	87808	89179	90022	91550	92002
86458	86956	87270	88563	89192	90023	91587	92003
86471	86957	87271	88564	89193	90024	91588	92004
92009	92036	92070	92084	92104	92128		
92010	92037	92071	92085	92105	92129		
92011	92050	92072	92086	92108	92143		
92032	92051	92073	92087	92124	92144		
92033	92052	92074					
92034	92053	92075	92102	92128	92146		
92035	92054	92083	92103	92127	92147		

Recall 37 512TR VIN Numbers

87440	92616	94762	96209	97259
91939	92617	94763	96220	97260
91946	92636	95076	96221	97261
92101	92618	95077	96222	97273
92125	92619	95089	96223	97274
92145	92635	95090	96224	97472
92148	92637	95253	96400	97584
92161	92653	95264	96401	97598
92162	92854	95265	96403	97599
92163	92672	95266	96404	97604
92164	92673	95267	96414	98470
92165	92690	95268	96415	98481
92166	92911	95280	96416	98493
92176	92927	95281	96417	98605
92177	92931	95282	96418	98528
92178	92945	95283	96577	98538
92179	92949	95284	96578	98564
92180	92963	95296	96657	98633
92181	92982	95300	96728	98656
92182	92986	95297	96683	98634
92195	92988	95298	96725	98645
92196	92981	95299	96727	98646
92200	93109	95312	96729	98657
92201	93110	95313	96730	98658
92202	93125	95314	96731	98669
92209	93144	95315	96742	98741
92210	93167	95316	96841	98744
92211	93185	95328	96842	99757
92212	93203	95330	96843	99758
92213	93221	95331	96889	99769
92214	93240	95332	96890	99770
92215	93258	95848	96891	100094
92220	93268	95904	96900	100154
92221	93348	95905	96901	
92222	93383	95906	96902	
92223	93418	95907	96910	
92224	93455	95908	96911	
92478	93494	96162	96912	
92494	93586	96165	97002	
92495	93602	96166	97003	
92502	94348	96177	97004	
92542	94349	96178	97005	
92579	94350	96179	97026	
92580	94363	96180	97027	
92581	94364	96191	97028	
92585	94744	96192	97029	
92586	94745	96193	97030	
92587	94746	96194	97038	
92598	94747	96195	97245	
92600	94748	96206	97246	
92601	94760	96207	97247	
92602	94761	96208	97248	

Recall 37 512M VIN Numbers

100202	100540	100718	101184	101354	102704	103123	103729
100254	100566	100743	101213	101388	102770	103148	103779
100291	100590	100758	101237	101379	102798	103189	103780
100380	100802	100780	101251	101380	102815	103260	103807
100414	100826	100797	101263	101397	102841	103325	104065
100447	100838	101087	101302	101398	102906	103504	
100472	100862	101099	101339	101399	102832	103542	
100483	100675	101111	101353	101411	102945	103601	
100528	100702	101120		102690	103010	103663	