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DEC 19 1995

Mr. Umberto Masoni  
Director of Technical Services  
Ferrari North America, Inc.  
250 Sylvan Avenue  
Englewood Cliffs, NJ 07632

NSA-111paw  
95V-217

Dear Mr. Masoni:

This acknowledges receipt of your Defect Information Report dated November 6, 1995, submitted in accordance with 49 CFR Part 573, "Defect and Noncompliance Reports." This recall involves 66 Ferrari Model 512M vehicles manufactured from July 19, 1994 through September 11, 1995, in which the bolts that secure the components of the Speedline multi-piece road wheel may loosen in time. Leakage of air through the wheel can cause a low or flat tire. **The assigned ID Number for this recall campaign is 95V-217 (Ferrari Campaign No. 152).**

**Ferrari is responsible for the remedy of these vehicles from this date forward, regardless of vehicle age, milcage, or ownership.** You should know that the agency provides a listing of safety recalls to the media at the end of each month. This recall will be a part of that listing.

#### QUARTERLY STATUS REPORTS

As stated in Part 573.6, submission of the first of six consecutive quarterly status reports is required within 1 month after the close of the calendar quarter **in which notification to purchasers occurs.** For instance, the current calendar quarter began on October 1 and ends on December 31, 1995. As stated in your report, notification was to begin on November 15, 1995. Therefore, the first quarterly report is due by January 30, 1996. In the case where the recall appears to be completed, quarterly reporting is required until your company is notified otherwise by this office. The following chart provides due dates for each of the six quarterly reports.

<b>QUARTER</b>	<b>QUARTER BEGINS</b>	<b>QUARTER ENDS</b>	<b>DUE DATE</b>
1st Quarter	October 1, 1995	December 31, 1995	January 30, 1996
2nd Quarter	January 1, 1996	March 31, 1996	April 30, 1996
3rd Quarter	April 1, 1996	June 30, 1996	July 30, 1996
4th Quarter	July 1, 1996	September 30, 1996	October 30, 1996
5th Quarter	October 1, 1996	December 31, 1996	January 30, 1997
6th Quarter	January 1, 1997	March 31, 1997	April 30, 1997

If there is a delay in mailing owner notification letters or if you have any questions, please contact either Mrs. Pat Wallace or Mrs. Barbara Hayes at (202) 366-5232, with the corrected mailing dates.

Sincerely,



Jonathan D. White, Chief  
Technical Analysis Branch  
Office of Defects Investigation  
Safety Assurance

# Ferrari.

Ferrari North America, Inc.  
250 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
201-816-2600  
FAX: 201-816-2626

November 6, 1995

RECEIVED

05 NOV -9 PM 3: 36

OFFICE  
DEFECTS INVESTIGATION

Mr. Charles L. Gauthier, Director  
Office of Defects Investigation  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington, D.C. 20590

SSV- 217 (C1)



Dear Director:

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

On Ferrari vehicle, model 512 M with vehicle identification numbers between 99744 and 103542, the bolts that secure the components of the Speedline multi piece road wheel may loosen after time. Should such a condition occur, leakage of air through the multi piece wheel may cause a low or flat tire. We have been contacted by the road wheel manufacture (Speedline S.p.A.) informing us of this possible condition. The remedy consists of replacing all four (4) Multi Piece Road Wheels with Multi Piece Road Wheels having different bolts which are resistant to loosening.

The corrective action will require approximately 2.0 hours.

For the above campaign, it is our intention to notify Ferrari Dealers with a comprehensive letter explaining the remedy; furthermore, it is our intention to notify each potentially affected vehicle owner with a letter informing them of the required recall modification. Follow-up letters will be sent if necessary.

Enclosed are draft copies of the letters that Ferrari North America, Inc. will send to the owners and to the Ferrari Dealers, as well as a draft copy of the technical instructions.

Yours truly,

*Umberto Masoni*

Umberto Masoni  
Director of Technical Services  
Ferrari North America, Inc.

UM:dv



FERRARI NORTH AMERICA, INC.  
250 SYLVAN AVENUE  
ENGLEWOOD CLIFFS, N.J. 07632  
November 6, 1995

**VEHICLE SAFETY DEFECT  
INITIAL INFORMATION REPORT  
SPEEDLINE MULTI PIECE ROAD WHEEL  
RECALL No. 152**

Date submitted: November 6, 1995  
Date received: October 25, 1995  
Campaign No.: 152  
Campaign Date: November 1995

<u>MAKE</u>	<u>MODEL</u>	<u>MODEL YEAR</u>	<u>NO. OF VEHICLES</u>	<u>ENCLOSED MFG. DATES FROM</u>	<u>THROUGH</u>	<u>OTHER VEHICLE IDENTIFICATION</u>
FERRARI	512 M	1995	66	July 19, 1994	September 11, 1995	99744-103542

95V-217 (03)

FERRARI NORTH AMERICA, INC.  
250 SYLVAN AVENUE  
ENGLEWOOD CLIFFS, N.J. 07632  
November 6, 1995

VEHICLE SAFETY DEFECT  
INITIAL INFORMATION REPORT  
SPEEDLINE MULTI PIECE ROAD WHEEL  
RECALL No. 152

A) DESCRIPTION OF DEFECT:

On Ferrari vehicle:

Model 512 M with a Vehicle Identification Number between 99744 and 103542

The bolts that secure the components of the Speedline multi piece road wheel may loosen after time. Should such a condition occur, leakage of air through the multi piece wheel may cause a low or flat tire.

B) CHRONOLOGY OF EVENTS WHICH LED TO DETERMINATION OF A SAFETY DEFECT:

Through continual testing by the wheel manufacture (Speedline S.p.A.), it was determined that the bolts that secure the components of the Speedline multi piece road wheel may loosen after time.

C) MEASURES TO BE TAKEN TO REPAIR VEHICLE:

The remedy consists of replacing all four (4) Multi Piece Road Wheels with Multi Piece Road Wheels having different bolts which are resistant to loosening. This operation will be performed free of charge to the vehicle owner and will require approximately 2.0 hours.

ESTIMATED INITIATION OF CORRECTIVE ACTION:

November 1995

85V-217 (34)

**Ferrari**

**DRAFT**

Ferrari North America, Inc.  
250 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
201-818-2600  
FAX: 201-818-2626

95V-217 (5)

November 15, 1995

Dear Ferrari Dealer:

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



On Ferrari vehicles, model 512 M with vehicle identification number between 99744 and 103542, the bolts that secure the components of the Speedline multi piece road wheel may loosen after time. Should such a condition occur, leakage of air through the multi piece wheel may cause a low or flat tire. The remedy consists of replacing all four (4) Multi Piece Road Wheels with Multi Piece Road Wheels having different bolts which are resistant to loosening.

The corrective action will require approximately 2.0 hours.

We have sent notices to all owners of the potentially affected vehicles advising them of this problem and urging that they contact any Authorized Ferrari Dealer for the repairs.

Upon transmittal of the warranty claim, pursuant to our normal warranty system, we will of course reimburse you for the labor and applicable parts expended in carrying out this campaign. Obviously, if you have any potentially 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 number specified in the enclosed instructions and have not yet sent in the retail sales cards, please do so at once so we may notify these owners.

Thank you for your cooperation.

Best Regards,

Umberto Masoni  
Director of Technical Services

UM:dy

REPLACING SPEEDLINE MULTI PIECE WHEELS

- A. Preliminary: Replacing all 4 Speedline Multi Piece Wheels with new Speedline Multi Piece Wheels

95V-217 (86)

B. Procedure for Installation

- 1) Raise vehicle on a suitable vehicle lift
- 2) Remove all 4 wheels and tires from vehicle noting their relative position on the vehicle for proper reassembly
- 3) Using a Hunter TC 350 Tire Machine (or equivalent), remove the tire from the wheel

**CAUTION: IMPROPER HANDLING OR USE OF A NON-SUITABLE TIRE MACHINE COULD RESULT IN DAMAGE TO THE WHEEL**

- 4) Remove the valve stem and install it on the new wheel and tighten to a torque of \_\_\_\_\_ Ft. Lbs.
- 5) Mount the tire on the new wheel noting its position
- 6) Inflate the tire with compressed air to a pressure of \_\_\_\_\_ PSI
- 7) Repeat steps 3 through 6 on the remaining 3 wheels
- 8) Mount the wheel and tire assembly onto an Electronic Dynamic Wheel Balancing Machine

**WARNING: THE WHEEL BALANCING MACHINE SPINS THE TIRE AND WHEEL ASSEMBLY AT A HIGH RATE OF SPEED. FOREIGN OBJECTS LEFT IN THE TREAD OF THE TIRE OR LOOSE WHEEL WEIGHT MAY BE THROWN FROM THE ASSEMBLY. CARE SHOULD BE TAKEN SO THAT THESE OBJECTS DO NOT CAUSE INJURY.**

- 9) Remove the old wheel weights and inspect the tread area of the tire for foreign objects
- 10) Balance the wheel and tire assembly using the appropriate new Ferrari stick on wheel weights
- 11) Repeat steps 8 through 10 on the remaining 3 wheels
- 12) Fit the wheel and tire to the vehicle in the correct orientation

**CAUTION: THESE WHEELS AND TIRES ARE DIRECTIONAL, THEREFORE IMPROPER INSTALLATION MAY EFFECT THE VEHICLE HANDLING**

- 13) Torque the wheel bolts to a torque of \_\_\_\_\_ Ft. Lbs.

- 14) Lower the vehicle



# Ferrari.

Ferrari North America, Inc.  
250 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
201-816-2800  
FAX: 201-816-2828

## DRAFT

95V-217 (07)

November 15, 1995

Dear Ferrari Customer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Ferrari has decided that a defect which relates to motor vehicle safety exists in certain 1995 Ferrari Model 512M vehicles.

On Ferrari vehicles, model 512 M with vehicle identification number between 99744 and 103542, the bolts that secure the components of the Speedline multi piece road wheel may loosen after time. Should such a condition occur, leakage of air through the multi piece wheel may cause a low or flat tire. The remedy consists of replacing all four (4) Multi Piece Road Wheels with Multi Piece Road Wheels having different bolts which are resistant to loosening.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 2.0 hours. However, please plan to leave your vehicle with the dealer as necessary to allow the dealer some flexibility for scheduling your repair.

By the time you receive this letter, the Authorized Ferrari Dealer will have been supplied with the instructions necessary to perform the repair.

If the Dealer fails or is unable to make the necessary repairs free of charge and within a reasonable time, you should inform the National Headquarters Office of Ferrari North America, Inc.

250 Sylvan Avenue  
Englewood Cliffs, New Jersey 07632  
(201) 816-2651 (National Technical Office)



**DRAFT**

95/- 217 (03)

Although we urge you to immediately call the number indicated above, if the vehicle is not repaired free of charge and within a reasonable time, you may also contact the Administrator of the National Traffic Safety Administration in Washington, D.C. 20590 or call the Auto Safety Hotline at 1-800-424-9393 nationally, and (202) 366-0123 for Washington, D.C. area residents.

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

Best Regards,

Umberto Masoni  
Director of Technical Services

UM:dv



# Ferrari

Ferrari North America, Inc.  
250 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
201-818-2600  
FAX: 201-818-2826

November 29, 1995

RECEIVED  
95 NOV 27 PM 12:40  
OFFICE  
DEFECTS INVESTIGATION

95V-217

Mr. Charles L. Gauthier, Director  
Office of Defects Investigation  
National Highway Traffic Safety Administration  
400 Seventh Street, S.W.  
Washington, D.C. 20590



Ref: Recall Campaign No. 152 - Speedline Multi Piece Road Wheel

Dear Mr. Gauthier:

As per your request, please find the Recall 152 Campaign booklet which has all the information regarding the recall as well as a copy of the letter sent to the dealers and customers.

If you should have further questions, please do not hesitate to call. Thank you.

Best Regards,

Umberto Masoni  
Director of Technical Services

UM:dv

Enclosure

Q5U-217

# RECALL CAMPAIGN

REF. NO. 152  
SPEEDLINE MULTI PIECE ROAD WHEEL  
512 M

November 1995

READ, INITIAL  
AND PASS ON »

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk

# Ferrari

Ferrari North America, Inc.  
260 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
201-816-2600  
FAX: 201-816-2626

November 30, 1995

Dear Ferrari Dealer:

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



On Ferrari vehicles, model 512 M with vehicle identification number between 99744 and 103542, the bolts that secure the components of the Speedline multi piece road wheel may loosen after time. Should such a condition occur, leakage of air through the multi piece wheel may cause a low or flat tire. The remedy consists of replacing all four (4) Multi Piece Road Wheels with Multi Piece Road Wheels having different bolts which are resistant to loosening.

The corrective action will require approximately 2.0 hours.

We have sent notices to all owners of the potentially affected vehicles advising them of this problem and urging that they contact any Authorized Ferrari Dealer for the repairs.

Upon transmittal of the warranty claim, pursuant to our normal warranty system, we will of course reimburse you for the labor and applicable parts expended in carrying out this campaign. Obviously, if you have any potentially 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 number specified in the enclosed instructions and have not yet sent in the retail sales cards, please do so at once so we may notify these owners.

Thank you for your cooperation.

Best Regards,



Umberto Masoni  
Director of Technical Services

UM:dv

## RECALL CAMPAIGN NO. 152

**INTRODUCTION:** Speedline Multi Piece Road Wheel

**SUBJECT:** Recall Campaign No. 152  
Speedline Multi Piece Road Wheel  
512 M

**VEHICLES:** Ferrari 512 M with a vehicle identification number between  
99744 and 103542

**CONDITION:** Through continual testing by the wheel manufacture  
(Speedline S.p.A.), it was determined that the bolts that  
secure the components of the Speedline multi piece road  
wheel may loosen after time. Should such a condition  
occur, leakage of air through the multi piece wheel may  
cause a low or flat tire.

**REMEDY:** The remedy consists of replacing all four (4) Multi Piece  
Road Wheels having different bolts which are resistant to  
loosening.

**PARTS:** Quantity No. (4) Speedline Multi Piece Road Wheels

**LABOR:** Operation No. 6171.0  
Time 2.0 Hours  
Malfunction Code 6171

**REIMBURSEMENT:** Upon receipt of information via MEDEA

**TECHNICAL INSTRUCTIONS FOR**  
**REPLACING SPEEDLINE MULTI PIECE WHEELS**

A. **Preliminary:** Replacing all 4 Speedline Multi Piece Wheels with new Speedline Multi Piece Wheels

B. **Procedure for Installation**

- 1) Raise vehicle on suitable vehicle lift.
- 2) Remove all 4 wheels and tires from vehicle noting their relative position on the vehicle for proper reassembly
- 3) Using a Hunter TC 350 Tire Machine (or equivalent), remove the tire from the wheel

**CAUTION: IMPROPER HANDLING OR USE OF A NON-SUITABLE TIRE MACHINE COULD RESULT IN DAMAGE TO THE WHEEL**

- 4) Remove the valve stem and install it on the new wheel and tighten to a torque of 7.0 Ft. Lbs.
- 5) Mount the tire on the new wheel noting its position
- 6) Inflate the tire with compressed air to a pressure of 35 PSI Front, 34 PSI Rear.
- 7) Repeat steps 3 through 6 on the remaining 3 wheels
- 8) Mount the wheel and tire assembly onto an Electronic Dynamic Wheel Balancing Machine

**WARNING: THE WHEEL BALANCING MACHINE SPINS THE TIRE AND WHEEL ASSEMBLY AT A HIGH RATE OF SPEED. FOREIGN OBJECTS LEFT IN THE TREAD OF THE TIRE OR LOOSE WHEEL WEIGHT MAY BE THROWN FROM THE ASSEMBLY. CARE SHOULD BE TAKEN SO THAT THESE OBJECTS DO NOT CAUSE INJURY.**

- 9) Remove the old wheel weights and inspect the tread area of the tire for foreign objects
- 10) Balance the wheel and tire assembly using the appropriate new Ferrari stick on wheel weights
- 11) Repeat steps 8 through 10 on the remaining 3 wheels
- 12) Fit the wheel and tire to the vehicle in the correct orientation

**CAUTION: THESE WHEELS AND TIRES ARE DIRECTIONAL, THEREFORE IMPROPER INSTALLATION MAY EFFECT THE VEHICLE HANDLING**

- 13) Torque the wheel bolts to a torque of 72 Ft. Lbs.
- 14) Lower the vehicle

# Ferrari

Ferrari North America, Inc.  
250 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
201-816-2600  
FAX: 201-816-2626

November 30, 1995

Dear Ferrari Customer:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act. Ferrari has decided that a defect which relates to motor vehicle safety exists in certain 1995 Ferrari Model 512M vehicles.



On Ferrari vehicles, model 512 M with vehicle identification number between 99744 and 103542, the bolts that secure the components of the Speedline multi piece road wheel may loosen after time. Should such a condition occur, leakage of air through the multi piece wheel may cause a low or flat tire. The remedy consists of replacing all four (4) Multi Piece Road Wheels with Multi Piece Road Wheels having different bolts which are resistant to loosening.

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The corrective action for the above listed repair will be performed free of charge and will require approximately 2.0 hours. However, please plan to leave your vehicle with the dealer as necessary to allow the dealer some flexibility for scheduling your repair.

By the time you receive this letter, the Authorized Ferrari Dealer will have been supplied with the instructions necessary to perform the repair.

If the Dealer fails or is unable to make the necessary repairs free of charge and within a reasonable time, you should inform the National Headquarters Office of Ferrari North America, Inc.

250 Sylvan Avenue  
Englewood Cliffs, New Jersey 07632  
(201) 816-2651 (National Technical Office)



Although we urge you to immediately call the number indicated above, if the vehicle is not repaired free of charge and within a reasonable time, you may also contact the Administrator of the National Traffic Safety Administration in Washington, D.C. 20590 or call the Auto Safety Hotline at 1-800-424-9393 nationally and (202) 366-0123 for Washington, D.C. area residents.

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

Best Regards,



Umberto Masoni  
Director of Technical Services

UM:dv

