· Ferrari

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Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07832 201-816-2600 TLX: 248021 FAX: 201-818-2626

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September 11, 1992

Mr. Charles L. Gauthier, Director Office of Defects Investigation National Highway Traffic Safety Administration Washington, D.C.

Re: Recall Campaign No. 92V-071 -Fuel Enjection Lines Ferrari 348 and Mondial T models

Dear Director:

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Pursuant to my August 13. 1992 meeting with Mr. John Abbott, Ferrari S.p.A. has decided to expand the above referenced Recali Campaign. This Recall Campaign will now encompass all Ferrari 348 and Mondial T vehicles manufactured up to and including chassis number 92207.

Therefore, we have amended the Vehicle Safety Defect Initial Information Report to reflect the above mentioned change:

On vehicles with Vehicle Identification Number lower than 92208, the aluminum fuel line fittings on certain fuel injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

The corrective action will require approximately 1.5 hours.

It is our intention to notify our Authorized Ferrary Dealers with a comprehensive letter informing them

MARKEN

of the expansion of this campaign to include vehicles below charses number 92208. Furthermore, it is our intention to notify each vehicle owner by letter by the first haif of October, 1992, so as to explain the required recall modifications.

Enclosed are draft copies of the letters herrari North America, Inc. will send to the vehicle owners and to the Ferrari North America Dealers. Also, enclosed are the accompanying technical instructions.

Yours truly,

Smath N Mr Gy Kenneth W. McCay Technical Director

Permari North America, Inc.

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KWM/rlf

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

VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT

348 ts/tb & Mondial t - Fuel injection lines Recall No. 147

A) DESCRIPTION OF DEFECT:

On vehicles with Vehicle Identification Number lower than 92208, the aluminum fuel line fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage.

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

As a result of extended durability testing, Ferrari S.p.A. discovered that the aluminum fittings on certain fuel injection lines may corrode if exposed extreme enviromental conditions.

C) MEASURES TO BE TAKEN TO REPAIR VEHICLE:

The remedy consists in the replacement of the four fuel injection lines with modified fuel lines which are now constructed with a corrosion resistant coating to prevent fuel line surface corrosion. The operation is free-of-charge for the vehicle owner, and will require approximately .80 hours for 348 ts/tb and 1,2 hours for Mondial 1 coupe and cabriolet.

INITIATION OF CORRECTIVE ACTION:

JUNE 1992

ESTIMATED INITIATION OF RECALL REVISION: 95P

SEPTEMBER-1992

Other

VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT

Fuel injection lines

Recall No. 147

Date submitted: August 24, 1992

Date received: August 30, 1992

Campaign No.: 147

Campaign Date: Rev. August 1992

ENCLOSED MFG. DATES

MODEL NO. OF VEAR NO. OF VEAR FROM 348 TS / TB 1989 134 JULY 1989 MONDIAL T CPE / CAB 1989 208 MAY 1989 MONDIAL T CAB 1990 380 MAR. 1990 MONDIAL T CAB 1991 275 DEC. 1990 MONDIAL T CAB 1991 275 DEC. 1990 MONDIAL T CAB 1992 152 JUNE 1991 MONDIAL T LB92 152 JUNE 1991							
348 TS / TB 1989 134 JULY 1989 MONDIAL T 1989 208 MAY 1989 348 TS / TB 1990 380 MAR. 1990 MONDIAL T 1990 98 FEB. 1990 MONDIAL T 1991 275 DEC. 1990 MONDIAL T 1991 50 MAR. 1991 MONDIAL T 1992 152 JUNE 1991 MONDIAL T 1992 152 JUNE 1991	MAKE	MODEL	MODEL	NO. OF VEHICLES	FROM	THROUGH	OTHER VEHICLE
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MONDIAL T	FERRARI	348 TS / TB	1992	152	JUNE 1991	NOV. 1991	
CAB 34 JULY 1992	FERRARI	MONDIAL T CAB	1992	34	JULY 1992	NOV. 1992	

FOR INTEROFFICE USE ONLY RECALL CAMPAIGN

DRAFT COPY
REF. NO. 147
FUEL INJECTION LINES

REF. NO. 148
UPPER STEERING COLUMN
LOCKNUT

REF. NO. 149
STEERING BOX EXTENSION
FASTENER

REVISION DATE: SEPTEMBER 1992

READ, INITIAL »

Service Manager Parts Manager	Service Writer	Technician	Warranty Clerk
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Vehicle Master List	30 - 61

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 6162616 FAX: 201-816-2626

September 1992

Dear Ferrari Dealer;

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist certain 1989, 1990 and 1991 model year Ferrari vehicles.

- On 348 cs/tb and Mondial t vehicles with Vehicle Identification Number lower than 922 the aluminum fittings on certain fuel Injection lines can corrode under extreme environe conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leak the possibility of a vehicle engine fire may exist.
- On 348 ts/tb, Mondial t, and Testarossa vehicles with Vehicle Identification Number low than 87898, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the steering column fastener. Should such condition remain unnoticed and the use of the car prolonged for and extensive period of time, loosening of the fastener could occur resulting in the steering system and consequential impairment of handling.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the steering extension fastener was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for extensive period of time, loosening of the fastener could occur resulting in play in the sh system and consequential impairment of handling.

Instructions for performing the necessary remedies are herewith enclosed. The corrective action verquire approximately 1.5 hours.

Accordingly, we have sent notices to all owners of the potentially affected vehicles advising then these problems and requesting that they contact any authorized Ferrari dealer for the necessary re as per the attached notification letter.



Cont.....

Upon receipt of the campaign notice properly signed by the customer and by you or your authorized representative, we will, of course, reimburse you for the labor and applicable parts expended in carrying out these campaigns.

Obviously, if you have any of the 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. Very truly yours,

Kenneth McCay Technical Director

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Ferrari North America, Inc.

RECALL CAMPAIGN NO. 147

INTRODUCTION - Fuel injection lines

SUBJECT:

Recall Campaign No. 147

Ferrari 348 ts/tb - Mondial t Models - Puel injection lines

VEHICLES:

All Ferrari 348 ts/tb and Mondial t Models with the following serial number ranges:

 Ferrari 348 ts/tb, Model Year 1989 through 1992, starting from serial number 82277 up to serial number 92208 included.

 Ferrari Mondial t coupe and cabriolet, Model Year 1989 through 1992, starting from serial number 81342 up to serial number 92115 included.

CONDITION:

The aluminum fuel line fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage.

REMEDY:

Replacement of the Fuel injection system lines "A & B" with the

modified fuel lines (shown on Fig 1, page 6).

PARTS:

Quantities required for each vehicle and identification of the new Fuel lines with the new part numbers, are shown on the Parts List Table "A" on Page 8). The new part fittings are now aluminum with a non-

corrosive coating.

COST:

a) An initial supply of new fuel lines will be shipped to your dealership. Your parts account will be charged accordingly. The Table on page 8 indicates the part numbers and quantity required per vehicle.

 b) Additional fuel return lines can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No. 147

Time

348 ts/tb -

0.8 hours

Mondial t - 1.2 hours

RECALL CAMPAIGN NO. 147

REIMBURSEMENT:

On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page 14).

INSTRUCTIONS FOR FUEL LINE REPLACEMENT

A. Preliminary:

The replacement Fuel lines (Fig.#1) are supplied as a spare parts by

the part numbers on Table "A", Page 8.

B. Procedure for installation

WARNING: NO SMOKING

HIGHLY FLAMMABLE MATERIAL. KEEP AWAY FROM SPARKS OR OPEN FLAMES. PROVIDE ADEQUATE VENTULATION. FUEL, WHEN SATURATED ON CLOTHING, WILL CAUSE SKIN IRRITATION. PROCEED ACCORDINGLY.

NOTE:

BESURE TO UTILIZE PROPER EQUIPMENT FOR SAFETRANSFER OF FUEL FROM CAR TO APPROVED FUEL CONTAINER.

DO NOT PERFORM THIS PROCEDURE ON A WARM ENGINE.

- 1) Disconnect battery (Main switch).
- Cover rear fenders (also Trunk lid area) with fender covers.
- 3) Remove Fuel tank fill cap to release pressure from the fuel tank.
- 4) Place a catch pan under the fuel filter and loosen upper filter connection. While fuel is draining, loosen fuel line fitting at regulator end of the Fuel Injection rail. This will allow the remainder of fuel in rail to drain.
- Remove both fuel lines "A & B" as shown in Fig,# 1 and replace with new lines.
- 6) Inspect I/4 bank Fuel Injection return line for any damage due to contact with the timing cover. If damage is found the line must be replaced using the procedure "C Procedure for replacement of fuel return line" found on page #7 of this booklet. If no damage is found, please insure that the return line is secured on the clip found on the timing cover (Fig.#3). Also the Return Fuel line must not contact the Timing cover or A/C Compressor lines.
- 7) Repeat procedure #4 through #6 for 5/8 bank fuel lines.
- 8) Replace fuel tank filler cap.
- Start engine, run for 30 seconds and then shut off. Check for leaks.

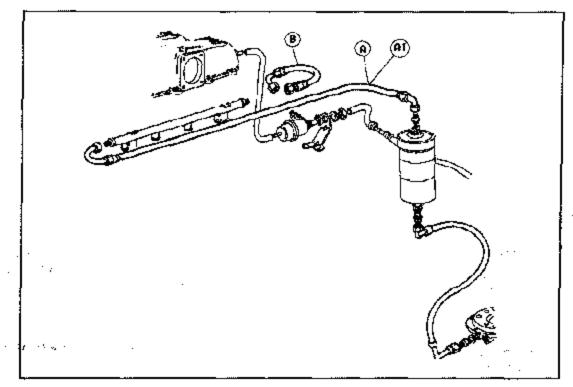
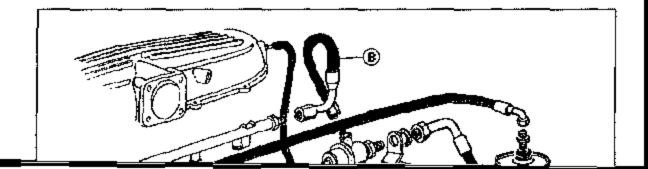


Fig.#1



Recall #147

Procedure for replacement of fuel return line / Operation #147A (ONLY IF REQUIRED)

- 1) Disconnect battery (Main switch).
- 2) Remove fuel tank cover bolts and remove cover.
- Drain fuel from fuel tanks.

NOTE: BE SURE TO UTILIZE PROPER EQUIPMENT FOR SAFE TRANSFER OF FUEL FROM CAR TO APPROVED FUEL CONTAINER CAPABLE OF HOLDING LARGE AMOUNT OF FUEL.

Maximum fuel tank capacity: Mondial

Mondial t - 22,50 U.S. Gallons

348 ts/tb - 23.20 U.S. Gallons

- 4) Disconnect fuel return line from fuel pump assembly.
- 5) Remove any line ties from line.
- Remove hose w/clamp from regulator assembly and remove line from vehicle.
- 7) Install new line and fasten with tie-straps in locations shown in fig.#1. Also insure that the lines are attached to the clips provided on the timing cover, as shown in fig.#3 and that there is no contact with other fuel lines or A/C system lines.
- Connect line to regulator assembly (as shown in fig.#1).
- 9) Connect Fuel tank end of line to fuel pump assembly return port.
- 10) Transfer about three gallons of fuel to car fuel tank, connect battery, Start vehicle and check for leaks. Repair any leaks.
- 11) Reinstall fuel tank cover and transfer remainder of fuel to vehicle fuel tank.
- 12) Labor:

Add parts and time to Recall #147 claim form.

Operation number -

147A

Time: 348 / Mondial 1 - 0.5 hrs.

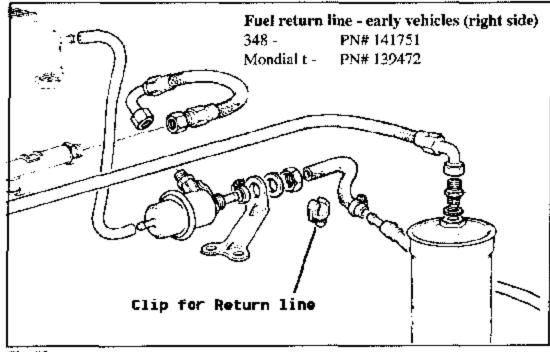


Fig.#3

Recall #147

TABLE "A" PARTS LIST					
<u>VEHICLE</u>	PART DESCRIPTION	PART NUMBER	QTY. NEE		
	Sx Fuel line (filter to fuel rail)	143789	1		
MONDIAL T COUPE	Dx Fuel line (filter to fuel rail)	143788	1		
	Fuel line (fuel rail to pressure regulator)	149812	2		
	Sx Fuel line (filter to fuel rail)	143785	I		
MONDIAL T	Dx Fuel line (filter to fuel rail)	143784	1		
	Fuel line (fuel rail to pressure regulator)	149812	2		
	Sx Fuel line (filter to fuel rail)	143787	1		
348 TS / TB	Dx Fuel line (filter to fuel rail)	143786	1		
	Fuel line (fuel rail to pressure regulator)	149812	2		

RECALL CAMPAIGN NO. 148

INTRODUCTION - Upper steering column locknut

SUBJECT:

Recall Campaign No. 148

Ferrari 348 ts/tb, Mondial t and Testarossa Models

Upper steering column locknut

VEHICLES:

All Ferrari 348 ts/tb, Mondial t & Testarossa Models with the

following serial number ranges:

Ferrari 348 ts/tb, Model Year 1990 and 1991, starting from serial

number 85389 up to serial number 87898 included.

Ferrari Mondial t coupe and cabriolet, Model Year 1990, starting

from serial number 85927 up to serial number 87908 included.

Ferrari Testarossa, Model Year 1990 and 1991, starting from

serial number 85658 up to serial number 87483 included.

CONDITION:

The upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment

of handling.

REMEDY: Replacement of the Upper steering column locknut with the

improved self-locking nut (shown on Fig 1, page 11).

PARTS: Only one locknut (PN# 150428) required for each vehicle.

COST: An initial supply of new self-locking nuts will be shipped to your

dealership. Your parts account will be charged accordingly.

Additional self-locking nuts can be ordered from the Ferrari North

America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No.

148

Time

ALL MODELS -0.2 hours

REIMBURSEMENT: On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page x).

INSTRUCTIONS FOR LOCKNUT REPLACEMENT

A. Preliminary:

The replacement self-locking nut (Fig.#1a) is supplied as a spare part (PN# 150428) by the Ferrari North America parts department.

B. Procedure for installation

Cover interior (seat and carpeting).

2) Remove 13mm locknut from upper steering column fastener and replace with new 13mm self locking nut (PN# 150428) as shown in fig.# 1 below.

Check that the steering column shaft is properly inserted into the steering column extension. Fastener <u>must</u> go through the groove provided in the steering column shaft.

Torque self-locking nut to 2.3 daNm (17 lbs/ft).

 Check for binding in steering system. If there is binding, check system for faults.

6) Remove all protective covers from interior and insure that the area is clean.

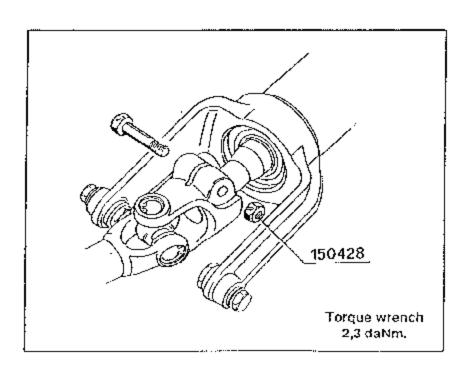


Fig.#la

RECALL CAMPAIGN NO. 149

INTRODUCTION - Steering box extension fastener

SUBJECT:

Recall Campaign No. 149

Ferrari 348 ts/tb Models

Steering box extension fastener

VEHICLES:

All Ferrari 348 ts/tb Models with the following serial number

ranges:

- Ferrari 348 ts/tb, Model Year 1989 and 1990, starting from serial

number 82277 up to serial number 86212 included.

CONDITION:

On 348 ts/tb vehicles with Vehicle Identification Number lower than 86212, the steering box extension fastener was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential

impairment of handling.

REMEDY:

Replacement of the Steering box extension fastener with the

improved fastener (shown on Fig 1, page 13).

PARTS:

One set of the following is required for each vehicle:

a) Fastener bolt PN#125518

Quantity - 1 Quantity - 1

b) Locknutc) Washer

PN#12574221 PN#12601274

Quantity - 2

COST:

An initial supply of these parts will be shipped to your dealership.

Your parts account will be charged accordingly.

Additional supplies of these parts can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No.

149

Time

0.1 hours

REIMBURSEMENT:

On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page x).

INSTRUCTIONS FOR FASTENER REPLACEMENT

A. Preliminary:

5)

The replacement Fastener, bolt and washers (Fig.#1) are supplied as a spare parts by the Ferrari North America parts department using the part numbers listed on "parts" section of page 12.

B. Procedure for installation

Cover interior (seat and carpeting).

2) Move carpeting away from area of steering extension located under the dash at the base of the front cabin wall.

Remove 10mm locknut from steering extension fastener and remove the fastener.

4) Check that the steering box shaft is properly inserted into the steering column extension. Fastener <u>must</u> go through the groove provided in the steering box shaft.

Install new fastening bolt along with the two washers and locknut as shown in fig.# 1 below.

6) Torque Fastener nut to 1.2 daNm (9 lbs/ft).

Replace carpeting around area of steering extension.

8) Check for binding in steering system. If there is binding, check system for faults.

9) Remove all protective covers from interior and insure that the area is clean.

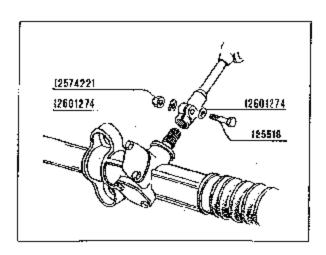


Fig.#1b

RECALL CLAIM FORM INSTRUCTIONS

FORWARD:

The enclosed recall claim form has been numbered in these areas to be completed by your dealership. The numbered areas indicate the necessary information needed to process the claim and promptly credit your account.

INSTRUCTIONS:

Information required to complete the recall claim form:

Area Instructions

- 1) Enter your Ferrari 4-digit account number.
- Enter vehicle mileage at time of repair.
- Enter date of repair.
- 4) Enter Dealer claim calculations:

Parts Dealer Net (Stock order price) Parts Handling (33%) Total Parts Total Labor (hrs. x your approved WAR) Amount Claimed

- 5) Enter name of authorized servicing Dealer.
- 6) Signature of Dealer or authorized designee.
- 7) Signature of vehicle's owner.
- 8) If VIN number listed in area 8 appears invalid, please show correct VIN in explanation space (9).

No repair order need be attached for the campaign unless an owner has lost or never received a recall claim form. If this occurs, record all pertinent data, as required by the recall claim form, on a repair order. Owner signs the repair order.

The repair order must not be submitted until the Ferrari Representative can provide a blank recall claim form. Transfer pertinent data from repair order to the recall claim form. In OWNER area (7), write "Owner's signature on repair order no.." <u>Attach the repair order to the claim form</u> and submit for reimbursement.

MAILING:

Send the recall claim form to the Ferrari North America Warranty department in a Warranty claim return envelope (Part No. 3555).

	COPY #1 RETURN TO FACTORY	- 000P/13 107A 119 (1774) 1627AN FOR YOUR 1802708	COPY #8 PARTIS COPY RETAIN WITH PARTS	gowy 72 ENA TECHNICAL MANA 3TR	
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Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8162616 FAX: 201-818-2626

September 1992

Letter "A"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1989 and 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 92208, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/th vehicles with Vehicle Identification Number lower than 86232, the steering box extension fastener was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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



Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely,

Kenneth McCay
Technical Director
Ferrari North America, Inc.

Famath Mr Can

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8162616 FAX: 201-816-2626

September 1992

Letter "B"

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

Ferran S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 92208, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility a vehicle engine fire may exist.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the steering box extension fastener was manufactured with a lower class of material and self-locking properties. This may tesult in a loss of tightening torque on the steering box extension fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

By the time you receive this letter, the Authorized Ferrari Dealer will have been supplied with the instructions and parts to perform the repairs,

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.

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

> 250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.

Sincerely,

Kenneth McCay Technical Director

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Ferrari North America, Inc.

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8162616 FAX: 201-816-2626

September 1992

Letter "C"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

- On 348 ts/th vehicles with Vehicle Identification Number lower than 92208, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility a vehicle engine fire may exist.
- On 348 ts/th vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.

Sincerely,

Kenneth McCay | Technical Director Ferrari North America, Inc.

Fromath Malan

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TEX: 8162616 FAX: 201-816-2626

September 1992

Letter 'D"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 and 1991 model year Ferrari vehicles.

On 348 ts/tb vehicles with Vehicle Identification Number lower than 87898, the upper steering columber lower than 87898, the upper steering columber lower than 87898, the upper steering columber lower than 87898, the upper steering that a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the faster could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above condition, we kindly ask you to contain any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and necessary, the Dealer will perform the required modification.

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recail campaign items, we would like the opportunity to extend these improvements to your car free of charge.



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.

Sincerely,

Kenneth McCay

Technical Director

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Ferragi North America, Inc.

<u>Ferrar</u>i

Ferrari North America, Inc. 250 Sylvan Avenus Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8162618 FAX: 201-816-2626

June 1992



Letter "E"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 and 1991 model year Ferrari vehicles.

On Testarossa vehicles with Vehicle Identification Number lower than 87483, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of fastener could occur resulting in play in the steering system and consequential impairment of hand

Since your car is among those potentially affected by the above condition, we kindly ask you to con any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, an occessary, the Dealer will perform the required modification.

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow 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 and parts to perform the repair.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

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Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely,

Kenneth McCay Technical Director

Homoth Mr Can

Ferrari North America, Inc.

Ferrari

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

September 1992



Letter "F"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 92115, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

Since your car is among those potentially affected by the above condition, we kindly ask you to come any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and necessary, the Dealer will perform the required modification.

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow 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 and parts to perform the repair.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Cont

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.

Sincerely,

Kenneth McCay Technical Director

Komoth May

Ferrari North America, Inc.

<u>Ferrari</u>

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cilifs, NJ 07632 201-816-2800 FAX: 201-816-2628

September 1992

Letter "G"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

- On Mondial t coupe / cabriolet vehicles with Vehicle identification Number lower than 9210 the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 8790s, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

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

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)



Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely,

Kenneth McCay Technical Director

Ferrari North America, Inc.

Frankth Mr. Can

Ferrari

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

September 1992

Letter "H"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 and 1991 model year Ferrari vehicles.

On 348 ts/tb vehicles with Vehicle Identification Number lower than 92208, the aluminum fittings on certain fuel Injection lines can corrode under extreme cuvironmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge,



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely.

From the Ma Cay

Ferrari North America, Inc.

Kenneth McCay Technical Director

VEHICLE MASTER LIST

1989 348 ts / tb

Serial Humber	Model	Year	Letter	Recall #147	Recall #148	Recall #149
82277	ts	89	'A "	Yes	No	Yes
82281	ts	89	.A.	Yes	Na	Yes
82292	15	89	° A *	Yes	No	Yes
82301	ts:	89		Yes	No	Yes
82311	ts	89	. W .	Yes	No	Yes
82314	ts	89	-A "	Yes	No	Yes
82321 82325	tş.	89	A.	Yes	NG	Yes
8233C	Eş	69 69	*A*	Yes Yes	No Na	Yes
62333	ts ts	89	-A-	Yes	Nic	Yes Yes
82397	ts	89	•A"	Yes	Na	Yes
62347	tb	69	-A -	Yes	No	Yos
82353	tb	69	"A"	Yes	No	Yés
82560	₩.	69	-A "	Yes	No	Yes
82365	ZD	89	-A-	Yes	NO	Y es
82371	tto	89	'A'	Yes	No	Yes
82375	tb tr	89	'A'	Yes .	No	Yes
82366 82391	护	89	"A"	Yes	No	Yes
82395	ts to	89 89	. V .	Yes Yes	No No	Yes Yes
9239 9	æ. -≅ 5	89	٠.	Yes	No	You
82407	nto	89	۰Â٠	Yes	No.	Yes
82414	ts	89	-A.	Yes	No	Yes
8 2418	曲	89	"A"	Yes	No	Yes
82426	th	89	"A"	Yes	No	Yes
62436	ts	99	a A .	Y∌s	No	Yes
82449	ь	- 89	- A ·	Yes	No	Yes
82453	ts	89	• A ·	aeY	No	Yes
82460	to	89	" A "	Yas	No	Yes
B2464	ъ	89	"A"	Yes	No	Yes
82460	ts	89	-A"	Yes	No	Yes
82535	tb	89	- A -	Yes	No	Yes
92536	p:	89	* A *	Yes	No	Ycs
82538	ts	89	* A *	Yes	No	Yes
82541	ts	89	•A-	Yes	No	Yes
82545	(t o	89	-A-	Yes	No	Yes
82555	hs	6 9	-A.	Yes	No	Yes
82557	ts	89	"A"	Yes	No	Yes
82561 92565	15	89 89	'A*	Yes	Na Na	Yes
82 5 69	ts.		'A"	Yes	No	Yes
82576	t 5 •	89 89	'A"	Yes	No	Yes
82578	ts "		"A"	Yes	λo	Yes
82585	tto tu	89	"A"	Yes	No No	Yes
92589	ts ts	89 89	"A"	Yes	No No	Yes Yes
82590	us Ds	98) 89	*A*	Yes Yes	No No	Yes Yes
82591	us Us	89	. V .	Yes	No No	res Yes
82592	bb.	89	"A"	Yes	No No	Yes
82593	ls:	89	-A-	Yes	No.	Yes
82594	15 15	85	"A"	⊺es Yes	No CN	Yes
	~	~~	_	100	IAT	100

Serial Humber	Model	Year	Letter	Recall #147	Recall #148	Recall #149
82595	ts.	69	"A"	Yes	No	Yes
82596	ts	89	°A'	Yes	Nο	Yes
82597	E	89	- A -	Yes	Nο	Yes
82598	tto	89	"A"	Yes	No.	Yee
82599	ts:	89	"A"	Yes	Νo	Yes
82600	ts	60	-A-	Yes	No	Yes
82601	ts	89	-A-	Yes	No	Yes
82607	ts	89	'A'	Yes	Nο	Yes
82608	ts	89	"A"	Yes	No	Yes
82609	bs	89	"A"	Yes	No	Yes
82610	ts	89	*A*	Yes	No	Yes
82611	ts	89	. A.	Yes	No	Yes
82612	ts	89	*A *	Yes	Na	Yes
62613	ls.	89	- A -	Yes	No	Yes
82614	ts	89	.A.	Yes	No	Yes
82615	ta:	69	*A *	Yes	No	Yes
92616	ts	89	"A "	Yes	No	Yes
82617	ts	89	• A -	Yes	No	Yes
82618	15	89	- A -	Yes	Na	Yes
82619	ts	89	. V .	Yes	No	Yes
92620	ta	89	"A"	Yes	No	Yes
82621	ts.	89	*A*	Yes	No	Yes
82629	ts	89	• A •	Yes	No	Yes
82630	ts	89	*A*	Yes	No	29 Y
82631	ts	89	"A "	Yes	No	Yes
82632	ts	89	* A "	Yes	No	Yes
82633	ts.	89	*A*	Yes	No	Yes
82634	tto	89	"A"	Yes	No	Yes
82635	ts	88	" A "	Yes	No	Yes
82636	ts.	89	• A "	Yes	No	Yes
82637	ts	89	" A "	Yes	No	Yes
82638	ts	89	* A *	Yes	No	Yes
82639	tb	99	44.	Yes	No	Yes
82640	ts	69	A.	Yes	No	Yes
82641	ts	69 9	° A °	Yes	No	Yes
82642	I S	89	" A "	Yes	No	Yes
8 2643	ь	89	" A "	Yes	Nο	Yes
82651	ts	89	-A-	Yes	No	Yes
82652	ts:	89	-A-	Yes	No	Yes
92653	ts.	89	* A *	Yes	No	Yes
82654	ts	889	* A *	Yes	No	Yes
82655	bs	89	* A *	Yes	No	Yes
82656	ts.	89	-A-	Yes	No	Yes
82657	ts	89	^ A *	Yes	No	Yas
82658	ts	89	* A *	Yes	No	Yes
82659	ts	89	· A -	Yes	No	Yes
82 66 0	ts	89	-A-	Yes	No	Yes
82 0 61	ts	89	-A-	Yos	No	Yes
82862	ts.	89	-A-	Yes	No	Yes
82663	ts.	89	.A.	Yes	No	Yes
82664	ts	B9	'A"	Yes	No	Yes
	_					120

Serial Number	Model	<u>Year</u>	<u>Letter</u>	Recall #147	Recall #148	Receil #149
82665	te:	89	7A 4	Yos	No	Yes
82573	10	89	* A *	Yes	No	Yes
82674	ts.	8 9	- A -	Yes	No	Yes
82675	ts	89	* A "	Yes	No	Yes
8267 6	ts	89	"A"	Yes	No	Yes
82677	•	90	² A "	Yes-	No	Yes
82678	ts	89	*A*	Yes	No	Yes
B2679	ts	89	* A "	Yes	No	Yes
82380	ab.	89	'A"	Yes	Na	Y⊯s
826 8 1	ts	89	. A .	Yes	No	Yes
82682	# 2	89	*A *	Yes	No	Yes
82683	ts	89	"A"	Yes	No	Yes
82684	13	89	. A .	Yes	No	Yes
82685	N a	89	4 A "	Yes	No	Yes
82686	1s	89	-A-	Yes	No	Yes
82687	16	63	'A'	Yes	No	Yes
84107	t b	89	-A-	Yes	No	Yes
84108	ħ	89	' A "	Yes	Na	Yes
84124	tb	6 9	- A -	Y⊕¢	No	Yes
84125	to .	89	-A-	Yes	No	Yes
84141	ф	89	. A.	Yes	No	Yes
84142	TD	89	. A.	Yes	No	Yes
84167	to .	89	. W .	Yee	No	Yes
84158	tto	89	- A -	Yes	No	Yeq
84171	tþ	89	"A "	Yes	No	Yes
84172	1b	89	'A"	Yes	No	Yes
84186	tb	59	"A"	Yes	No	Yes
84187	t o	89	. W.	Yes	No	Yes
84206	₽	39	"A"	Yes	N×□	Yes
84207	ъ	89	. A.	Yes	No	Yes
84219	₽	89	. A.	Yes	N□	Yes
84220	₩.	39	"A"	Yes	No	Yes
84235	tb	99	. W .	Yes	No	Yes
1989 vehicles						
attected:				134	o	134

1990 348 ts / tb

Serial Number	Model	Year	Tener	Recall #147	Recall #148	<u>Hecall #149</u>
84547	t s	90	*A*	Yes	No	Yes
84548	ÞŞ	90	-A-	Yes	No	Yes
84561	ts	90	"A"	Yes	No	Yes.
84562	ts	90	"A"	Yes	No	Yes
64563	ts	90	"A"	Yeş	No	Yes
84564	ts	90	*A"	Yes	No	Yes
84805	ts	90	"A"	Yes	No	Yes
85389	ts	90	•Br	Yes	Yes	Yes
85406	ts	90	1B "	Yes	Yes	Yes
85407	ts	90	"B"	Yes	Yes	Yes
85427	ь	90	•B•	Yes	Yes	Yes
85446	ts	90	ªB⁻	Yes	Yes	Yes
85466	ts	90	°8"	Yes	Yes	Yos
8548 6	ts	90	ъ°	Yes	Yes	Yes
85506	ts	90	" B⁺	Yes	Yes	Yes
8589 2	ts	90	'B'	Yes	Yes	Yes
85893	ts.	90	'B '	Yes	Yes	Yes
85912	ts	90	'B'	Yes	Yes	Yes
85929	ts	90	. B.	Yes	Yes	Yes
85930	ts	90	·e·	Yes	Yes	Yes
85250	ts.	90	'B '	Yes	Yes	Yes
85969	1 8-	90	. B.	Yes	Yes	Yes
85970	ts.	9 ¢	. B.	Yes	Yes	Yos
85987	Es	90	B .	Yes	Yes	Yes
86006	ts.	90	'B "	Yes	Yes	Yes
86007	ts	90	-В"	Yes	Yes	Yes
88024	瞌	90	* B*	Yes	Yes	Yes
86043	ta	90	"₽ "	Yes	Yes	Yes
86044	ts	90	'B "	Yes	Yes	Yes
86049	t o	90	181	Yes	Yes	Yes
86049	t:	90	'B "	Yes	Yes	Yes
86062	ts	90	"B"	Yes	Yes	Yes
86068	ts	90	- B"	Yes	Yes	Yes
86086	ts	90	•B"	Yes	Yes	Yes
86087	t s	90	48 *	Yes	Yos	Yes
86104	ts	90	-B-	Yes	Y o s	Yes
86105	ts.	90	•B-	Yes	Yes	Yes
86123	ts	90	-B*	Yes	Yes	Yes
86141	is.	90	"B"	Yes	Yes	Yes
86142	ts	90	"B"	Y99	Yes	Yes
8 61 6 0	t b	90	"B"	Yes	Yes	Yes
86161	ts	90	"B"	Yes	Yes	Yes
86162	ts	90	"B"	Yes	Yes	Yes
86178	ts	90	-B-	Yes	Yes	Yes
86196	ts	90	-в-	Yes	Yes	Yes
86197	ts	90	*8 *	Yes	Yes	Yes
86211	њ	90	*B "	Yes	Yes	Yes
86212	RS.	90	°В"	Yes	Yes	Yes

Serial Number	Model	<u> Y</u> eer	Letter	Recoil #14Z	Receil #148	Recall #149
86232	ts	90	"C"	Yes	Yes-	No
86238	ts	90	•C•	Yes	Yes	No
86239	ち	90	"C*	Yes	Yes	No
86253	ts	90	"C"	Yes	Yes	No
86254	ts:	90	"C-	Yes	Yes	No
86255	ts	90	.C.	Yes	Yes	No
96273	ts	90	-c-	Yes	Y=s	Na
86274	ts	90	*C*	Yes	Yes	No
86275	ts	80	"C"	Y e ¢	Yes	No
86276	ts	90	"C"	Yes	Yes	No
86291	ts	90	.c.	Yes	Yes	No
B6292	1S	90	-C-	Yes	Yes	No
86293	ts:	90	-c-	Yes	Y65	No
86294	t≘	90	-C-	Yes	Yes	No
86310	Ф	90	-C-	Yes	Yes	Νo
86312	IS	90	℃"	Yes	Yes	No
86313	is.	90	-C-	Yes	Yes	No
86314	ts:	90	-C.	Yes	Yes	No
B6340	₽	9C	,C.	Yes	Yes	No
86360	t Þ	90	"C"	Yes	Yes	No
85320	ħ	90	"C"	Yes	Yes	N≎
66368	ø	90	~ C."	Yes	Yes	No
86389	ø.	90	.c.	Yes	Yes	No
B6410	bs	90	" C"	Yes	Yes	No
86424	ts.	90	-C-	Yes	Yes	No
86425	ts	90	"C"	Yes	Yes	No
86426	本	90	.c.	Yes	Yes	No.
86427	ls .	90	*C*	Yes	Yes	No
96428	Ŀ	90	•0•	Yes	Yes	No
86429	ts.	90	,C.	Yes ,	Yes	No
86430	ts.	90	•C.	Yes	Yes	No
86443	ts.	90	"C"	Yes	Yes	No.
86444	ts	80	*C"	Yes	Yes	No
96445	ts.	BO	*C*	Yes	Yes	No
96448	ts 	90	°C"	Yes	Yes	No.
86447	tio.	90	.C.	Yes	Yos	Na
86464	ts -	90	"C.	Yes	Yes	No No
86465	ts -	90	"C"	Yes	Yes	No
86466	5 -	90	.C.	Yes	Yes	No No
86467 86468	l 5 *-	90	.c.	Yes	Yes	No No
86481	# 1	90	,C,	Yes	Yes	No No
86487	ts •-	90 ⊷	.C.	Yes	Yes	No No
86483	te.	90	.c.	Yes	Yes	No No
86484 86484	15. fr	90	101 101	Yes	Yes Voc	No Ma
86485	ts #5	90	'C"	Yes	Yes	No No
86501	tto •••	80	.C.	Yes	Yes	No No
	ts.	30 30	.c.	Yes	Yes	Na Na
86502 86502	ts tr	90	"C"	Yes	Yes	No
86503 86504	ts ⊷	90	.C	Yes	Yes	No.
86507	ts to	90	"C"	Yes	Yes	No No
CANA/	tto,	90	.c.	Yes	Yes	No

Serial Number	Model	Year	Letter	<u> Recall #147</u>	<u>Racejį #148</u>	<u>Recell_#149</u>
86521	ŧs.	90	*C*	Yes	Yes	No
86522	ls	90	°C°	Yes	Yes	No
86523	bş	90	101	Yea	Yes	No
96 524	t ₅	90	"C"	Yes	Yes.	No
86539	ts.	90	·c·	Yes	Yes	No
86540	ts.	90	·¢.	Yes	Yes	No
BB541	ts.	90	'Ç"	Yes	Yes	No
965 42	tr,	90	·Cr	Yes	Yes	No
86556	bs.	90	,C.,	Yes	Yes	No
86 55 7	ls	90	.c.	Yes	Yes	No
86558	ls.	90	.c.	Yes	Yes	No
86559	ts.	90	"C"	Yes	Yes	No
86563	th	90	*C"	Yes	Yes	No
865/3	ts	90:	.c.	Yes	Yes	No
86574	ts	90	.c.	Yes	Yes	No
86575	ts	90	°C"	Yes	Yes	No
86576	ts	90	1C"	Yes	Yes	No
86592	‡3	90	"C"	Yes	Yes	No
88593	t s	90	"C"	Yes	Yes	No
86594	ts	90	·C·	YDE	Yes	Nρ
86 5 95	ts	90	TC"	Yes	Yes	No
86612	ts	90	"C"	Yes	Yes	No
86613	ts	90	-C-	Yes	Yes	No
86614	ts	90	*C*	Yes	Yes	Νφ
86615	ts	90	*C*	Yès	Yes	No
86616	ts;	90	-C-	Yes	Yes	Nο
86630	ts	90	-C-	Yes	Yes	No
86601	ts.	90	°C-	Yes	Yes	No
866 32	DS,	90	"C"	Yes	Yes	No
86633	ts	90	*C"	Yes	Yes	No
86634	ts	90	*C"	Yes	Yes	No
86639	tb	90	"C"	Yes	Yes	No
86649	ts	90	"C"	Yes	Y es	No
86650	ts	90	*C"	Yes	Yes	Na
86651	ts	90	*C*	Yes	Yes	No
86652	ts.	90	"C1	Yes	Yes	No
86653	ts.	90	"C"	Yes	Yes	No
86668	ts.	90	-C-	Yes	Yes	No
86669	ts;	90	°C	Yes	Yes	No
86670	15 .	90	-C-	Yes	Yes	No
86671	I S	90	*C*	Yes	Yes	No
86672	ts:	90	"C"	Yos	Yes	No
66673	C S	90	"C"	Yes	Yes	No
86674	ts.	90	"C"	Yes	Yes	No
90 575	ts	90	-c-	Yes	Yes	No
86689	ts:	90	,C.	Yes	Yes	No
96690	l s	90	*C"	Yes	Yes	No
86691	ts	90	*C*	Yes	Yes	No
86692	ts	90	rc.	Yes	Yes	No
86893	ts	90	.c.	Yes	Yes	Na
86694	ts	90	•C"	Yes	Yes	No

Serial Number	Model	Yest	<u>Letter</u>	Recell #147	Recal #148	<u>Recall #149</u>
86696	ts.	90	"C"	Yes	Yes	Na
\$5626	ts	90	*C"	Yes	Yes	No
86706	₩	80	*C*	Yes	Yes	No
86716	ts	90	" C"	Yes	Yes	No
86717	15	90	"C.	Yes	Yes	Na
86718	ts.	90	"C"	Yes	Yes	No
86719	ts	90	*C-	Yes	Yes;	No
96720	la:	90	"C.	Yes	Yes	No
86721	ts	80	.c.	Yec	Yes	No
86722	ts	90	.C.	Yes	Yes	No
86723	ts	90	,C,	Yes	Yes	No
96724	ts	90	.c.	Yes	Yes	Νφ
86735	¢s	90	C.	Yes	∨ es	No
86736	ts	90	ъ.	Yes	Yes	No
86754	ts	90	"C"	aeY	Y e s	No
96772	lts	90	*C*	Yes	Yes	Na
8677\$	ts:	90	"Ç "	Yes	Yes	No
86781	t≤	90	*C*	Yes	Yes	No
86853	ts:	90	"C.	Yes	Yes	No
86854	ts.	90	* C*	Yes	Yes	Nο
86887	t b	90	*C*	Yes	Ves	Nο
86869	ts	90	•¢-	Y9\$	Yes	Nα
86870	ts	90	"C"	Yee	Yes	No
86871	₽	90	•C·	Yes	Y 8 6	No
86872	ts	90	-C-	Yes	Yes	No
86874	tio-	90	•C•	Yes	Y o s	N o
86888	ts	90	"C"	Yee	Yes	Na
86889	ts.	90	-C -	Yes	Yes	No
86890	ts.	90	·c·	Yes	Yes	No
86891	ts	90	*C*	Yes	Yes	No
86906	ts	90	*C"	Yes	Yes	No
86907	15	90	~ C···	Yes	Yes	No
96908	ts	90	" C"	Yes,	Yes	No
86909	ts	90	-c-	Υeş	Yes	No
86910	ts	90	*C"	Yes	Yes	No
86912	t b	90	.C.	Yes	Yes	No
B6913	to	90	*C"	Yes	Yes	No
86925	ts	90	"C"	Yes	Yes	No
66926	ts	90	C-	Yes	Y es	No
86927	ts at	90	.C.	Yes	Yes	No
96929	ts:	90	-C"	Yes	Yes	No
96933	ь	90	℃	Yes	Yes	No
869 46	ক্র	90	-C"	Yes	Yes	No
B6947	ts.	90	-C.	Y66	Yes	No
B6948	ts.	90	*C"	Yes	Yes	No
86949	tş	90	*C*	Yes	Yes,	No
86963	ts:	90	-C"	Yes	Yes	No
96964	HS.	90	*C*	Yes	Yes	No
86965	t s	90	"C"	Yes	Yes	PAro .
86966	ts,	90	°C°	Yes	Yes	No
86970	₽	90	-c-	Yes	ķe z	No

Serial Number	Model	Year	Leiter	<u>Recall 6147</u>	<u>Rocall #145</u>	Rocall #149
87077	ts	90	-C-	Yes	Yes	No
87079	bs	90	-C*	Yes	Yes	No
87079	ts	90	·C-	Yes	Yes	No
87080	18	90	*C"	Yes	Yes	No
87081	ts	90	"C"	Yea	Yes	Na
87091	ls.	90	°C°	Yes	Yes	No
97092	5	90	*C*	Yes	Yes	No
67093	ts	90	"O"	Yes-	Yes	Nφ
67094	bs	90	"G"	Yes	Yes	No
87108	ts.	90	·c·	Yes	Yes	No
87109	ts:	90	"C"	Yes	Yes	No
87110	ts.	90	rc⁺	Yes	Yes	No
87111	ts	90	-c-	Yes	Yes	No
87112	ts	90	"C"	Yes	Yes	Nφ
87124	Ŀ	90	*C"	Yes	Yes	Na
87125	ts	90	*C*	Yes	Yes	No
87126	ts	90	-C-	Yes	Yes	No
87127	Ŀ	90	"C"	Yes	Yes	No
87145	ts.	90	*C"	Yes	Yes	No
87146	_ Bi	9 0	-0-	Yes	Yes	No
87147	ts	90	"C"	Yes	Yes	No
87151	E al	90	-c-	Yes	Yes	No
87152	ts	90	*C*	Yes	Yes	No
87167	ts.	90	-C"	Yes	Yes	No
97168	ts	90	-C"	Yes	Yes	No
87169	ts	90	+C⁻	Yes	Yes	No
87170	ls	90	4C*	Yes	Yes	No
871/1	ts.	80	"C.	Yes	Yes	No
87173	Eb	90	.C.	Yes	Yes	No
87188	ts	90	.c.	Yes	Yes	No.
87189			λC		Yes	No
87190	ts •	90	٠C*	Yes	Yes	No
	ts -	90		Yes		
87206	ts •	90	ις. - Ο	Yés	Yes	No No
87207	ts	90	10*	Yes	Yes	
572X8	ts.	90	.C.	Yes	Yes	No No
87209	ls .	90	.c.	Yes	Yes	Na Na
87210	<u>15</u>	90	10.	Yea	Yes	No No
87228	舞	90	.c.	Yes	Yes	No
87227 87722	bš	90	'C"	Yes	Yes	Na
87228	ts .	90	·C·	Y98	Yes	No
67229	ts .	90	*Cr	Yes	Yes	No No
87244	ts.	90	·c.	Yes	Yes	Na
87245	ts:	9 Ø	°C°	Yes	Yes	No
87246	ts.	90	C,	Yes	Yes	No
97247	ts	90	•C1	Yes	Yes	No
87248	ts	90	*C*	Yes	Yes	No
87264	ts	2 0	*C"	Yes	Yes	No
87265	ts	90	*C*	Yes	Yes	No
87266	ts	90	·C·	Yes	Yes	No
87267	ts	90	·C·	Yes	Yes	No
87282	\$5	90	°C1	Yes	Yes	No

Serial Number	<u>Model</u>	Year	Letter	Recell #147	Recall #148	Bacul #149
87283	ts.	90	·C·	Yes	Yes	No
37284	ďs	90	*C*	Yes	Yes	No
87205	tь	90	"C"	Yes	Yes	No
87286	ts	90	۰¢۰	Yes	Yes	No
97301	ts	90	"Ç1	Yes	Yes	Na
87302	ts.	90	JC.	Y⊕¢	Yes	No
87303	ts.	90	'C "	Yes	Yes	No
67319	ts	90	.c.	Yes	Yes	Nο
87320	tъ	90	c.	Yes	Yes	No
87321	ts	80	.c.	Aoe .	Yes	No
87322	16	90	c.	Yes	Yes	No
87339	ts	90	"C.	Yes	Yes	No
87340	齿	90	.C.	Yes	Yes	No
87341	ľs	90	.C.	Yes	Yes	No
87342	te	90	*C*	Yea	Yes	No
87357	ts	90	.c.	Yes	∨es	No
87358	ts.	90	"C"	Yes	Yes	No
87359	is.	90	" C"	Yes	Yes	No
87360	t a	90	*G"	Yes	Yes	No
27378 8:7378	ts .	90	.C.	Yes	Yes	NΦ
87379	ts	90	*C*	Yes	Yes	No
67280	ts	90	·C·	Yes	Y es	No **-
87361	t≅ st.	90	.c.	YB\$	Yes	No No
87396 87397	tto ta	90 90	.c.	Yes Yes	Yes	No No
87398	ts	90	.c.	Yes	Yes Yes	Nο
87413	ts	90	-C"	Yes	Yes	No
87414	ts	90	~c-	Yes	Yes	No
87415	ts	90	"C"	Yes	Yes	No
87416	ts.	90	- C"	Yes	Yes	No
87431	ts.	90	'C"	Yes	Yes	No
87432	ts	90	•C•	Yes	Yes	No
87433	ts:	90	-C"	Yes	Yes	No
87434	ts	90	-C-	Yes	Yes	No
87450	ts	90	-G-	Yes	Yes	No
87451	ts	90	*C"	Yes	Yes	No
87452	ts,	90	-C.	Yes	Yes	No
87468	tes	90	·C-	Yes	Yes	No
87469	ts:	90	-C1	Yes	Yes	No
87470	Ľs.	90	*C*	Yes	Yəs	No
87471	ts	90	"C"	Yes	Yes	No
87487	ts.	90	"Ç"	Yes	Yes	No
87488	ts	90	- C-	Yes	Yes	No
87489	ts	90	"Ç"	Yes	Yes	No
87450	ts	90	-C-	Yes	Yes	No
67506	ts	90	- C"	Yes	Yes	Nο
87507	ts	90	-c-	Yes	Yes	No
87608	ts	90	·C-	Yes	Yes	No
87509	te.	90	-C-	Yes	Yes	No
87525	ts.	90	rc-	Yes	Yes	No
87526	ts	90	.C.	Yes	Yes	Nο

Serial Number	Model	Year	Letter	Elecati.#147	Recall #148	Recall #145
87527	E	90	"C.	Yes	Yes	No
87528	te	90	-C1	Yes	Yes	No
87544	ts	90	"C"	Yes	Yes	No
87545	ts	90	'C'	Yes	Yes	No
67546	ts	90	.c.	Yes	Yes	No
87547	lt.	90	ď.	Yes	Yes	No
87663	ta	90	,C,	Yes	Yes	No
87564	ts	90	"C"	Yes	Yes	No
87565	ts.	90	"C"	Yes	Yes	No
67566	ts	90	*C"	Yes	Yes	No
87572	tb	90	•C.	Yes	∀es	No
87573	ь	90	-C.	Yes-	Yes	No
87574	f b	90	"C"	Yes	Yes	No
87575	tb	90	.c.	Yes	Yes	No
87582	ts	90	*C"	Yes	Yes	No
87583	ts.	90	°C"	Yes	Yes	Na
87584	Łs.	50	°C"	Yes	Yes	No
87585	ts	90	·c·	Yes	Yes	No
87604	tc	90	·c-	Yes	You	No
87605	ts	90	°C"	Yes	Yes	No
67606	ts	80	*C"	Yes	Ves	No
87607	ls	90	°C-	Yes	Yes	No
87622	t b	90	"C"	Yes	Yes	Nα
87623	ts	90	"C"	Yes	Yes	Nio
87624	ts	90	™ C"	Yes	Yes	No
87625	ts.	90	°C"	Yes	Yes	Vρ
87626	ls.	90	*C*	Yes	Yes	No
87641	ts:	90	"C"	Yes	Yes	No
87642	tış	90	"C"	Yes	Yes	No
87643	ts	90	*C*	Yes	Yes	No
87644	ts	90	"C"	Yes	Yes	No
B7660	ts	90	°C"	Yes	Yœs	No
87661	ts	90	"C"	Yes	Yas	No
87662	ts	90	-C-	Yes	Yes	No
87663	ts	90	"C"	Yes	Yes	No
97679	tь	90	*C"	Yes	Yes	No
87680	lts.	90	"C"	Yes	Yes	Nο
87681	ts	90	*C*	Yes	Yes	No
97682	ts	90	*C*	Yes	Yas	No
87698	ts:	90	"C"	Yes	Yes	No
87699	ts	90	"C"	Yes	Yes	No
87700	I S	90	"C"	Yes	Yes	No
87701	ts	90	"C"	Yes	Yes	No
87718	ts	90	*C*	Yes	Yes	No
87719	ts.	90	- C-	Yes	Yes	No
87720	± 5	9C	.c.	Yes	Yes	No
87721	ts	90	,C.	Yes	Yes	No
87736	±a Ma	9 0	.c.	Yes	Yes	No
87737	ts.	90	*C"	Yes	Yes	No.
87738	ts	90	·c·	Yes	Yes	No
67739	ts	90	-C+	Yes	Yes	No
07100	-	50	•	153	145	NO

Serial Number	Model	Yeer	Letter	Recall #147	Recall #148	<u>ReceR #149</u>
87755	ь	90	"C"	Yes	Yes	No
67756	ts.	90	"G"	Yes	Yes	No
87757	ts:	90	*C°	Yes	Yes	No
97774	ta	90	*01	Yes	Yes	No
87775	ts.	90	"C"	Yes	Yes	No
87776	t s	90	"C"	Yes	Yes	No
87793	ts	90	"C"	Yes	Yes	No
87794	ts	90	-C"	Yes	Yes	No
8779\$	ts	90	"Ç"	Yes	Yea	No
87812	ф	90	,C.	Yes	Yes	No
87813	ts.	90	"C"	Yes	Yes	No
87614	ts	90	"C"	Yes	Yes	Nα
87815	ts	90	-C°	Yes	Yes	No
87831	ts	90	.c.	Yes	Yes	No
97832	ts-	90	"C'	Yes	Yes	No
678 33	ts	\$0	"C"	Yes	Yes	No
87834	TS.	90	·C·	Yes	Yes	No
87876	ts	90	.C.	Yes	Yes	No
87877	ts	90	.c.	Yes	Yes	No
87678	ts e	90	.c.	Yes	Yes	No
9767 9	ts.	90	101	Yes	Yes	No
87880	ts	90	C,	Yes	Yе́ь	No
87888	160	90	rc.	Yes	Yes	No
87966	tto .	90	·D*	Yes	Yes	No
88050	tb	90	*D"	Yes	Yes	No
88177	tb	90	-D-	Yes	Yes	No
1990 vehicles						
affected:				390	373	48

1991 348 ts / tb

Serial Number	Model	<u>Year</u>	Letter	Receil #147	Rocell #146	Becall #149
87896	ts:	91	•D•	Yes	Yes	No
87897	ts	91	* D *	Yes	Yœ	No
87628	ts	91	.D.	Yes	Yes	No
87917	ts	91	°H"	Yes	No	No
87918	at	91	°H*	Yes	No	No
87934	ts.	91	"H "	Yes	No	No
87935	lts.	91	" H"	Yes	No	No
67953	ES	91	^H" "	Yos	No	Nο
879 5 4	ts	91	"H"	Yes	No	No
87966	ts	91	"H"	Yes	No	No
87975	ts	91	"H"	Yos	No	No
87976	ts	91	•H▼	Yes	No	Vo
87977	粒	91	-H-	Yes	No	No
87995	ts	91	°H-	Yes-	No	No
87996	ts	91	"H"	Yes	No	No
88014	ts	91	"H"	Yes	No	No
88015	ts	91	"H"	Yes	No	No
89032	ts;	9:	•H°	Yes	No	No
88033	ts.	91	- H-	Yes	Nο	No
88053	ts.	91	-1 H^	Yes	No	No
88054	ts	91	*H*	Yes	No	No
88072	Þ	91	-H-	Yes	No	No
88073	ts.	91	*H"	Yes	No	No
880 91	ts	91	" H"	Y∈s	No	No
88092	ls.	91	"H"	Yes	No	No
88223	ħ	91	-H-	Yes	No	No
88233	tb	91	41.77	Yes	No	No
88272	Ð	91	"H-	Yes	N∋	No
88289	b	91	-H-	Yes	No	No
88335	tb	91	.	Yes	No	Νo
88386	ть	91	Ή.	Yes	No	Na
88434	tb	91	414	Yes	No	No
88479	ħ	91	~H ~	Yes	No	No
88527	ts	91	"H"	Yes	No	No
88528	ts	91	"H"	Yes	No	No
88532	b	91	-H.	Уes	No	No
6854 S	ts	91	-H.	Yes .	No	No
88544	ts	91	'H'	Yes	Nα	No
88558	ts	91	4H*	Yes	No	No
88559	P2	91	ъ,	Yes	No	No
88560	fs	91	.H.	Yes	No	No
88576	ta	91	·H·	Y 95	No	No
88577	15	91	"H"	Yes	No	No
89591	tb	91	·14-	Yes	No	No
88594	t a	91	'H"	Yes	No	No
88595	ts	91	-H-	Yes	Nφ	No
88613	ts	91	. ₩.	Yes	No	Na
88614	‡ 5	91	.H.	Yes	No	No
88629	tb	91	-H-	Yes	Ю	No
88646	ts	91	"H"	Yes	ОЙ	Nc
88661	te:	91	-H"	Yes	No	Na

Serial Number	Model	<u>Year</u>	Letter	flecall #142	Recall #148	Recell #149
88677	ts	91	"H"	Yes	No	No
89673	*	91	~ +~~	Yes	No	No
89690	tho	91	1H"	Yes	No	No
88695	ts	91	-H-	Yes	No	No
8869\$	at	91	"H"	Yes	N o	No
B8712	ts	91	"H"	Yes	No	No
89713	由	91	"H"	Yes	No	No
68731	路	91	"H"	Yes.	No	No
88732	zţ.	91	*H"	Yes	No	No
88733	to	91	∃H"	Yes	No	No
88749	ち	91	•H*	Yes	No	No
88804	ţb	91	"H."	Yeş	No	No
88 874	₽	91	°H"	Yes.	No	No
88923	ts	91	"H"	Yes	No	No
68924	ts	91	*H-	Yes	Nο	No
88941	ts	₽1	"H"	Yes	No	No
88859	tS	91	-H-	Yos	No	No
88985	ts.	91	"H"	Yes	No	No
88986	t₽	Q 1	*H*	Yes	Na	No
88987	tb	91	-H."	Yes	No	No
89012	t\$	91	"H"	Yes	No	No
89031	5	91	~H ~	Yes	No	No
89040	æ	16	1H*	Yes	No	No
89051	bs.	91	"H"	Yes	No	No
\$90 60	23	91	•H"	Y@s	No	No
89070	ts	핰1	*H*	Yes	No	No
89071	ts.	91	-H-	Yes	No	Na
8906 4	t)	91	-H-	Yes	No	140
60000	ts	91	*H*	Yes	No	Na
89095	ts-	91	"H"	Yes	No	No
89107	ts	91	"H"	Yes	No	No
89108	ts-	91	" H"	Yes	No	No
89126	bs	91	'H "	Yes	No	No
89127	ts	₽1	*H*	Yes	No	No
89145	ts.	91	"H"	Yes	No	No
89148	bs	91	'H'	Yes	No	No
89164	ts	91	'Н'	Yes	No	No
89165	ts-	91	- H-	Yes	No	No
89181	Ð	91	"14"	Y95	No	No
89163	Ė	91	"H "	Yes	No	No
B9194	te	91	•H•	Yes	Na	No
8920 2	ts	91	-H-	Yes	N≎	No
89203	ts	91	-H-	Yes	No	No
89221	ts	91	-H*	Yes	No	No
69222	ts est	91	" H"	Yes	No	No
69240	ts	91	*H*	Yes	Nο	No
89241	ls.	91	"H*	Yes	Nρ	N□
8925 9	Ė	91	- H,"	Yes	No	No
89260	2£	91	°H′	Yes	No	No
59278	E	91	-H-	Yes	No	No
89279	ta.	91	"H"	Yœ	No	No

Seriel Number	<u>Model</u>	<u>Year</u>	Letter	Recall #147	Repail #148	Recall #145
89297	ts	91	"H"	Yes	No	No
89298	ts	91	'H"	Yes	٧o	No
89316	te	91	⁴H"	Yes	No	Nφ
89317	ts	91	°H"	Yes	No	No
89337	±s.	91	٩Hr	Yes	No	No
89338	ts	91	"H"	Yes	N⊎	No
89345	th	91	"H"	Yes	Nio	No
89353	ધ	9 1	"Н"	Yea	No	No
89354	ts	91	"H "	Yes	Na	No
89360	t b	91	447	Yes	No	No
69372	ts	91	"H⁻	Yes	No	No
89373	ls	91	"H"	Yes	No	No
89392	ts	91	-14"	Yes	110	Na
89393	ts	91	Ħ°	Yes	No	Νo
89411	ts	91	"H"	Yes	No	No
89448	1D	91	-H-	Yes	No	No
89450	æ	91	"H"	Yes	No	No
89451	ls.	91	"H"	Yes	No	No
89470	ts	91	1H1	Yes	No	Nα
99488	ts	91	•H°	Yes	No	No
89489	Įs	91	"H"	Yes	No	No
89508	ls	91	"H"	Yes	No	No
89527	ts	91	-H-	Yes	No	No
89546	tto	91	"H"	Yes	No	No
89563	tto	91	"H "	Yes	No	ЮD
89568	ts	91	"H"	Yes	No	No
89569	ts.	91	"H"	Yes	No	No
89588	ts	91	"H"	Yes	No	No
89580	ls.	91	-H.	Yes	No	No
89606	to:	Ð.	•H-	Yes	No	No
89607	ts	9:	"H "	Yes	No	No
89625	ts	91	"H"	Yes	No	No
89626	ts.	91	"H"	Yes	140	No
89639	ľЬ	91	"H"	Yes	No	No
89645	ts.	Q 1	"H"	Yes	No	No
9964 6	ts	91	"H"	Yes	No	No
89663	ts	91	~H"	Yes	No	No
89664	ts	91	*H"	Yes	No	No
B9682	ls	91	°Н"	Yes	No	No
69663	ts.	91	"H"	Yes	No	No
89700	ts	91	"H"	Yes	No	No
89701	*	91	*H"	Yes	No	No
89720	ts	91	1 H°	Yes	No	. No
89721	ts.	91	4H°	Yes	No	No
89735	뉻	₽1	"H"	Yes	No	No
89736	ts,	91	"H"	Yes	No	No
89752	to t	91	" H"	Yes	No	No
89753	t s	91	" H"	Yes	No	No
89754	ls	91	"H"	Yes	No	No
89772	ts.	91	-H-	Yes	No	No
89773	ts.	91	"H"	Yes	No	No

Sanai Number	Model	Year	<u>Letter</u>	Recall #147	Recall #148	<u>Rec≉8 #149</u>
89791	ts	9:	*H*	Yes	No	No
89792	ts	₽1	"H"	Yes	No	No
89805	th	91	-H*	Yes	No	No
89810	ts.	91	"H"	Yes	No	No
89811	ts.	91	"H"	Yes	No	No
89829	ts	91	-H-	Yes	No	No
69830	ts	91	•H°	Yes	No	No
69847	te	91	"H"	Yes	No	No
89849	ts.	91	"H"	Yes	No.	No
89863	ø,	91	⁴H"	Yes	No.	No
89867	55	91	"H"	Yes	No	No
89868	23	91	-H"	Yes	No	No
89886	ts	91	"t 1"	Yes	No	No
89897	ts	91	"H"	Yes	No	No
89900	£	91	₹H"	Yes	No	No
89904	15	91	"H"	Yes	No	No
89905	Ŀ	91	°H°	Yes	No	No
89 921	ъ	91	"H "	Yes	No	No
89924	ts.	₽1	"H"	Yes	No	No
89925	ts	91	⊾H"	2QY	No	No
69928	tb	91	"H"	Yes	No	Na
89943	В	91	"H"	Yes	No	No
89964	ь	91	"I I"	Yes	No	No
89 978	tb	91	"H"	Yes	No	No
89960	ts	91	°H'	Yeş	No	No
89981	ts:	91	Ή,	Yes	No	No
89999	ts	91	"H"	Yes	No	No
90002	tto	91	'H'	Yes	No	No
90019	ts	\$1	'H'	Yes	No	No
90035	tto	91	.H.	Yes	No	No
90037	ts	91	"H"	Yes	Nα	Na
90058	ts	91	"H"	Yes	No	No
90073	ls	91	.н.	Yes	Na	No
90090	10	91	'H"	Yes	No	No
9009 4	ts.	91	'H'	Yes	No	No
90114	ts	91	'H'	Yes	No	No
90135	t s	91	₩*	Yes	No	No
90153	Ф	91	-Н.	Yes	No	Νo
90154	t s	91	*H*	Yes	No	No
90163	tb	91	141"	Yes	No	No
90173	ts.	91	+Hr	Yes	No	No
90193	眩	Ģ1	Ή'	Yes	No	No
90210	t to	91	"H"	Yes	No	No
90212	Þ	9 1	"H"	Yes	No	No
90201	ts	91	"	Yes	N−	No
90250	ts	91	"H"	Yes	No	No
90268	is.	91	"H"	Yes	No	No
90285	is.	91	" H"	Yes	No	No
90286	ts	91	"H"	Yes	No	No
90297	ts	91	"Ht"	Yes	No	No
90297	ts	91	"H"	Yes	No	No

Serial (Number	Model	<u>Year</u>	Letter	Recall #147	Recall #148	Becell #149
90298	ts.	\$ 1	'Η "	Yes	No	No
90304	ts	91	'H"	Yes	No	No
90305	ts	91	'H "	Yes	No	No
90323	ts	9 1	ъ.	Yes	No	No
90324	ts	91	"H"	Yes	No	No
90325	‡2:	91	*H*	Yes	No	Ng
90340	ts.	91	⁴ H*	Yes	No	Na
90341	ts	91	"H"	Yes	No	No
90342	ťΩ	9 1	*H"	Y9s	No	No
90358	ts	91	•H"	Yes	Na	No
90359	ts	91	¶ "	Yes	No	No
90376	t b	91	"H"	Yes	No	No
90377	ts	91	•H"	Yes	No	No
90378	ts	91	•H"	Yes	Nα	No
90379	t s	91	"H"	Yes	No	Na
90396	ts	91	"H"	Yes	No	No
90397	ts.	91	1 H*	Yes	No	No
80358	ts	91	°H"	Yes	No	No
90414	tb	91	"H"	Yes	No	No
90415	ts:	91	4H"	Yes	No	No
90416	ts	91	1 H"	Yes	No	No
90417	ts.	91	" H"	Yes	No	No
90434	ba	91	"H"	Yes	No	Na
90435	ad	91	"H"	28Y	No	No
90452	ь	91	"H"	Yes	No	No.
90453	154	91	"H"	Yes	No	No
90454	16	91	"H"	Yes	No	No
90455	*	91	"H"	Yes	No	No
90472	t s	91	" ⊢"	Yes	No	No
90473	ts	91	"H"	Yes	No	No
90474	各	91	'H"	Yes	No	No
90488	\$ 6	91	" H"	aeY	No	Na
90489	뇹	91	* H"	Yes	Nυ	Nø
90490	ts	91	"H"	Yes	No	No
90496	₩.	91	*H*	Yee	No	Nφ
90510	pe-	91	"H"	Yeş	No	N≎
90511	ts	91	"H"	Yes	Na	No
90516	ts	91	"H"	Yes	No	No
90517	ts	91	°H"	Yes	No	No
90531	þ;	Ðſ	"H"	Yes	Na	No
90536	t b	91	"H"	Yes	No	No
90537	ts.	91	'H"	Yes	No	No
90538	ts	91	*H*	Yes	No	No
90555	ts	91	ж.	Yes	No	No
90556	ts s	91	3 -	Yes	Na	No
90557	ts	91	"H "	Yes	No	Na
90573	ь	91	°H′	Yes	No	No
90576	ts.	91	·H"	Yes	No	No
90577	ts.	91	⁴H "	Yes	Na	No
90578	挂	91	• H•	Yes	No	No
90593	ts	91	"H"	Yes	No	No

Serial Humber	Model	Year	Letter	<u>Recell #147</u>	Fiscall #140	Focall #149
90594	ks	91	ън.	Yes	No	No
90595	t s	91	~Н'	Yes	No	No
90613	th	91	"H"	Yes	Nio	No
90614	ts	91	"H"	Yes	No	No
90615	I S	91	⁺H⁺	Yes	No	No
90616	16s	91	*H *	Yos	No	No
90632	ts.	91	"H"	Yes	No	No
90633	ts.	91	"H"	Yes	No	No
90634	b	91	ъ.	Yes	No	No
90649	tb	91	'H"	Yes	No	No
90653	ts.	91	44°	Yes	No	N≎
90654	t s	91	" H"	Yes	No	No .
90655	ts	91	*H*	Yes	No	No
90679	tb	91	•H*	Yes	No	No
90773	tb	91	"H"	Yes	No	No
90811	世	91	" "	Yeв	No	No
90848	世	81	4 ⊹"	Yes	No	No
90882	tb	91	"H"	Y∉s	No	No
90941	10	91	- H-	Yes	No	No
90967	t b	91	" H"	Yes	No	No
1991 vehicles						
affected;				275	3	Ω

1992 348 ts / tb

Seriel Number	Model	Yest	Letter	Recall #147	<u> Hocall #148</u>	<u> Recall #149</u>
90672	ts	92	-H-	Yes	No	No
90673	16	92	"H"	Yes	No	No
90674	tts.	92	"H"	Yes	No	No
90690	ಡ	92	H	Yes	No	No
90691	ts	92	"H"	Yes	No	No
90692	ts	92	"H"	Yes	No	No
90710	ts	92	"H"	Yes	ħο	No
90711	ts	92	•H°	Yes	No	No
90712	ts	92	"H "	Yes	No	No
90728	ts	92	"H"	Yes	No	No.
90729	ts	92	"H"	Yes	No	No
90730	ts	92	"H"	Yes	Nο	No
90747	ts	92	"H"	Yes	No	No
90748	ts	92	•H-	Yes	No	No
90749	ts:	92	•H^	Yes	N⇒	No
90766	ts	92	•Hr	Yes	No	No
90767	ts	92	-H"	Yes	No	No
90768	25	92	4H"	Yes	No	No
90785	'ES	92	⁴H"	Yes	No	No
90798	ts	92	-H"	Yes	No	No
90810	ts	92	-H.	Yes	No	No

Serial Number	Model	Year	Løt <u>ter</u>	Rocal #147	Recall #148	Recoll.#149
90828	ts	92	-H-	Yes	No	No
90829	b	92	"H"	Yes	No	No
90846	t s	92	-H	Yes	No	No
90847	I S	02	"H"	Yes	No	No
90862	te	92	"H⁴	Yes	No	No
90878	tto	92	"H"	Yes	No	No
90881	ts	92	°H*	Yes	No	No
90901	ts.	92	"H"	Yes	™o	No
90902	ts	92	"H"	Yes	No	No
90919	ts e	92	-H -	Yes	No	No
90930	ts:	92	°H"	Yes	No	No
90985	b	92	°H"	Y _{ES}	No	No
90909	bs	92	-	Yes	No	No
91007	tb	92	* <u>+</u> -	Yes	No	No
91009	ts	92	*H*	Yes	Na	No
91029	to	92	⁴H⁼	Yes	No	No
91049	ts	92	-1 1-	Yes	Na	No
91057	tb	92	1H"	Yes	No	No
91065	ts-	92	*H-	Yes	No	No
91076	ts	92	•H⁻	Yes	No	No
91082	њ	92	"H"	Yes	No	No
91094	ts	92	"H•	Yes	No	No
91113	ts-	92	"H"	Yes	No	No
91128	tto	92	4H°	Yes	No	No
9113C	ts.	92	-H-	Yes	Nο	No
91139	₩	92	.н.	Yes	No	No
91141	ts	92	44.	Yes	No	No
91154	ts	92	'H"	Yes	No	No
91177	ts	92	'H'	Yes	No	No
91195	ь	92	*H*	Yes	No	No
91197	ts	92	.н.	Yes	No	No
91208	Tto	92	141	Yes	No	Nο
91213	1s	92	°H°	Yes	No	No
91231	ts	92	*H*	Yes	No	No
91248	t [±]	92	"Н"	Yes	No	No
91263	ts	92	"H"	Yes	No	No
91278	tb	92	4H"	Yusi	No	No
91298	t b	92	•H°	Yes	No	No
91315	ls	92	'H"	Yes	No	Na
91350	tb	92	-H"	Yes	Nο	No
91370	tb	92	• ⊣"	Yes	N _i o	No
91406	t to	92	4H"	Yes	No	No
91526	ts	92	"H"	Yes	No	No
91547	ts	92	"H"	Yes	No	No
91578	ts	82	.н.	Yes	No	No
91558	ts.	92	"H"	Yes	No	No
91621	ts	92	"H"	Yes	No	No
91653	ks	92	-Н•	Yes	No	No
91670	<u>**</u>	92	"H"	Yes	No	No
91673	ts	92	"H"	Yes	No	No
91697	ts	92	₩	Yes	No	No
				_	-	-

Serial Number	Model	<u>Year</u>	Lotter	Recoll #147	Recall #148	Rocal #149
9 1729	ls.	92	1 H*	Yes	No	No
91746	15	92	"H"	Yes	No	No
91754	ts	92	°H°	Yes	No	No
91776	ts.	2 2	"H"	Yes	No	No
91796	ts	92	-H-	Yes	No	No
91810	ts	92	"H"	Yes	No	No
91839	ts.	92	"H"	Yes	No	No
91858	ts	92	"H"	Yes	No	No
91879	ta	92	"F1"	Yes	No	No
91896	ts	92	"H'	Yes	No	No
91926	ts	92	.H.	Yes	No	No
91955	ts	92	3H.	Yes	No	No
91980	ts	92	*H*	Yes	No	No
91991	ts	92	"H"	Yes	No	No
92007	ts	92	"H"	Yes	No	No
92026	bs	92	'H'	Yes	No	No
92042	ts	92	'H'	Yes	No	No
92045	ts	92	⁴H"	Yes	Nα	No
92046	ts.	92	"H"	Yes	No	No
92063	ts	92	.H.	Yes	No	No
92092	ts.	92	'H'	Yes	No	No
92100	ts	92	'H'	Yes	No	No
92108	ts	92	4H°	Yes	No	No
92121	ts.	52	1H1	Yess	Na	No
92137	l s	92	-H-	Yes	No	No
92165	te	92	1 H"	Yes	No	No
92173	156	92	"H "	Yes	No	Nc
92174	ts	92	"H "	Yes	Na	No
92191	Iş.	92	"H"	Yes	No	No
92208	ts.	92	"H"	Yés	No	No
1992 vehicles						
affected:				102	o	0

1990 Testarossa

		<u> </u>							
Serial Number	Model	Year	Letter	Recall #148	<u>Serisi Number</u>	Model	<u>Year</u>	Letter	Recall #148
85658	512	90	Æ.	Yes	\$6206	512	90	E.	Yes
85659	512	90	Æ.	Na	86207	512	90	"E"	Yes
856 61	512	80	,E.	No	86222	512	90	"E"	Yes
8567B	512	90	-E'	Yes	86224	512	90	ъ.	Yes
85679 85680	512 512	90 93	,Ε.,	Yes Yes	86227	512	90	"E"	Yes
85698	512	\$ 0	Æ,	Yes	86242	512	90	•E•	Yes
85699	512	90	Έ·	Yos	86244	512	90	″ E *	Yes
85717	512	90	"E"	Yes	86261	512	90	-E-	Yes
85721	512	90	.E.	Yes	86265	512	90	-E-	Yes
85737 85774	512 512	90 90	Æ. Æ.	Yes Yes			90	E°	Yas
85774 85777	512	90	Ę.	Yes	86300	512			Yes
8579 5	512	50	Έ'	Yes	86318	512	90		
85795	512	90	₩ ."	Yes	86322	512	90	"E"	Yes
85799	512	80	- E-	Yes	86335	512	90	"E"	Yes
85816	512	90	Æ.	Yeз	86954	512	90	Έ.	Yes
85819	512	90	-E-	Yes	86508	512	80	"E"	Yes
85836 85837	512 512	90 90	ιE. Έ.	Yes Yes	26509	512	90	"F"	Yes
86862	512	90	Ę.	No	86786	512	90	.E.	Yes
85963	512	90	Æ"	No	867 67	512	9 0	* E'	Yes
85881	512	90	'Ë"	No	86963	512	90	"E"	Yes
85884	512	90	Æ.	No	86864	512	90	" E"	Yes
05901 05000	512	90	⁴Ë'	No	96965	512	90	-E-	Yes
65923 0=000	512	90	-E'	No No		512	90	"E"	Yes
85938	512	90	1E"	No No	86957			"E"	Yes
85941	512	90	-E-	No	96 96 0	512	90		
859 42	512	90	'E-	No	86975	512	90	'E'	Yes
85956	512	90	E,	No	86977	512	90	"E"	Yes
85976	512	90	⁴E"	No	86995	512	90	' E"	Yes
85978	512	90	Æ,	Nc	869 97	512	90	- 'E"	Yes
85997	512	90	⁴E"	No	87012	512	90	'E"	Yes
85 0 98	512	90	-E	No	67013	512	90	-E-	Yes
86018	512	90	'E "	No	87014	512	90	"E"	Yes
86031	512	90	'E'	No	870 9 6	512	90	"E.	Yes
86032	512	90	" E'	No	87097	512	90	E°	Yes
66051	512	90	-E.	No	97098	512	90	"E"	Yes
86063	512	90	E'	No	87099	512	90	-E-	Yes
			Æ.	No.	97100	512	90	•E•	Yes
96070	512	90						-Ε·	Yes
86069	512	90	•E'	Yes	67113	512	90	"E'	Yes
86090	512	90	•E′	Na	87114	512	90		
86092	612	90	'E'	No	87115	612	90	"E"	Yes
96093	512	90	E,	No	87116	5 12	BC)	"E"	Yes
88111	512	90	= E′	No	87117	512	90	-E•	Yes
86165	512	90	Æ.	Ν¤	87118	512	90	E.	Yes
86166	512	90	Æ.	No	87132	512	90	E.	Yes
86170	512	90	E.	No	87134	512	90	~ E'	Yes
86180	512	90	Æ,	No	87135	512	90	"E"	Yes
86193	512	90	•E-	Nα	87136	512	90	Έ	Yes
86184	512	90	·E-	No	8/197	512	90	-E-	Y66
86186	512	90	¹E"	No.	87138	512	90	-E"	Yes
							90	μĒ.	Yes
86202	512	90	,E,	Yes	87140	512		Æ	Yes
86204	512	90	"Е"	Yes	87231	512	90		
86206	512	90	⁴ E*	Yes	87232	512	90	. E.	Ye≌

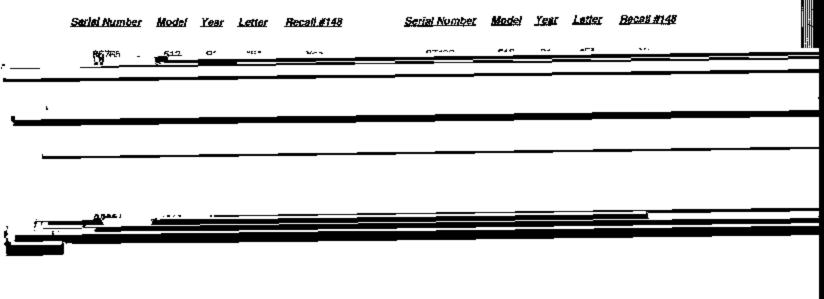
1991 Testarossa

Serial Humber	Model	<u>Year</u>	Letter	Recall #148
87233	512	90	"E"	Yes
87234	612	90	<u>"</u> ="	Yes
87235	612	90	"E-	Yes
87236	512	90	-E-	Yes
87250	512	90	' E"	Yes
87251	512	90	-E-	Yes
87252	512	90	•Е•	Yes
87253	512	90	~ E^	Yes
87254	512	90	-6-	Yes
87255	512	80	^E"	Yes
87269	612	9 0	"E"	Yes
87270	512	90	"E"	Y∋s
87271	512	90	T E"	Yes
87272	512	βD	*E"	Yes
87273	512	90	"E"	Yes
87274	512	90	•E•	Yes
87269	512	90	-E-	Yes
87290	512	90	E.	Yes
87291	512	90	" E"	Yes
87292	512	90	"È"	Yes
87293	512	BO	'E *	Yes
97368	512	30	"⋶"	Yes

1990 Vehicles

Affected: 94

erial Number	<u>Model</u>	Yeer	Letter	<u> Recall 8146</u>
86355	512	91	*F.*	Yes.
96356	512	91	·£-	Yes
86372	512	91	*E"	Yes
96374	512	91	"E"	Yes
88376	512	□1	-E-	Yes
86397	512	91	*E *	Ycs
86411	512	91	"E"	Yes
86414	512	91	"E"	Y es
96416	612	91	*E"	Үө६
86432	512	91	"E"	Yes
86436	512	91	-E-	Yes
86437	512	91	"E"	Yes
86452	512	91	" E"	Yes
96453	512	91	"E"	Yes
86454	512	91	' E⁻	Yes
86455	512	91	Æ.	Yes
864 5 6	512	91	-E-	Yes
86457	512	91	E.	Ye¢
96458	512	91	-E-	Yes
86471	512	91	'E'	Yes
86472	512	91	-€ ,	Yes
86473	512	91	"E"	Yes
86474	512	91	Æ,	Yes
8649 0	512	91	" E"	Yes
86491	512	91	.E.,	Yes
86492	512	91	Έ-	Yes
86493	512	91	' €'	Yes,
86494	512	91	·Ε·	Yes
86495	512	91	.E.	Yes .
86737	512	91	'E'	Yes
86738	512	91	*E*	∨ 68
85/39	512	91	'E"	Yes
86740	512	81	E.	Yes
86741	512	91	-E-	Yes;
86742	512	91	*E"	Yes
86747	612	91	E"	Yes Yes
36748	512	91	#E_	Yes
86749	512	91	" E"	Yes
86750	512	91	E.	Yes
86751	512	91	•ë•	Yes
86752	512	91 04		Yes
8675S	512	91	"E"	Yes
96756 08757	512	91 01	ΨĒ"	Yes
86757 96750	512 510	91	"Ę" ⊌=-	Y@\$
86758 86759	512 510	91	"E"	Yes
86760	512 512	91 01	<u>-</u> E"	Yes Yes
86764	512	91 91	-E.	Yes
33704	JIE		-	1 4-3



1989 Mondial t

Sedal Number	<u>Medel</u>	Year	Letter	<u> Recall #147</u>	Rec <u>all #140</u>
61342	cpe	28	^F"	Yes	No
81374	çab	89	"F"	Yes	No
8138Q	¢ab	69	-F-	Yes	No
81390	cab	89	*F*	Yes	No
81396	cab	89	"F"	Yes	No
81481	cab	89	°F	Yes	No
81487 81498	cab	89 89	ች "F"	Yns	No No
B1504	сре Сре	88	•Fr	Yes Yes	No No
81514	ope	89	*F*	Yes	No
81515	cab	89	•F-	Yas	Na
81520	cpe	89	°F"	Yes	No
81534	cab	89	°F"	Yes	No
81545	cab	89	'F '	Yes	No
81551	cab	89	"F"	Yes	No
81563	cab	89	"F"	Yes	Vo
81575	che	89	-F'	Yes	No
81588	cab	86	F	Yes	No
81598 81605	ഷധ	89	"F"	Yes	No
81611	ceso	89 89	°F	Yes Yes	Nio No
81629	රසිට	89	-F^	Yes	No.
81661	cab	89	F	Yes	No
81757	cab	89	·F	Yes	No
81774	ceb	89	٠F-	Yes	Но
\$17 91	cbe	89	*F"	Yes	No
81801	срв	8 9	"F "	Yes	No
81802	cpo	8 9	°F'	Yes	No
81809	cep	89	٠ <u>.</u>	Yes	No
_			-		
81815	cpe	89	-F-	Yes	No
81820	cpe	88	•F1	Yes	No
61821	cpe	89	+E.	Yes	No
91822 91834	cpe	89	-F1	Yes	No
81635	cpe	89 89	:F `	Yes Yes	No No
81844	сар Сар	89 89	F	Yes	No No
81850	cab	69	'F	Yes	No
91B61	cpe	29	'F'	Yes	No
81562	upa	89	F	Yes	Na Na
B1876	cab	8 9	°F	Yes	No
81880	cab	89	Έ.	Yes	No
B1881	cab	89	45.	Yes	No
81883	cab	89	'F"	Yes	No
81685	çab	89	'F "	Yes	No
61896	çab	89	1F"	Yes	No
01899	cab	89	"F"	Yes	No
81900	¢ab	89	"F"	Yes	No
81901	cab	89	₽	Yes	No
81902	cab	89	,E_	Yes	No
81909	cab	89	'F'	Yes	Na
81914 81030	cab	89 00	°F"	Yes	No No
81916 81917	cape cape	89 89	"F" 4Er	Yes Yes	No
81917	cato	69	1F″ 1F″	Yes Yes	No No
81923	cab	89	+ •#"	Yes Yes	No.
81936	cab	69	*F"	Yes	No.
41774			•	. 200	144

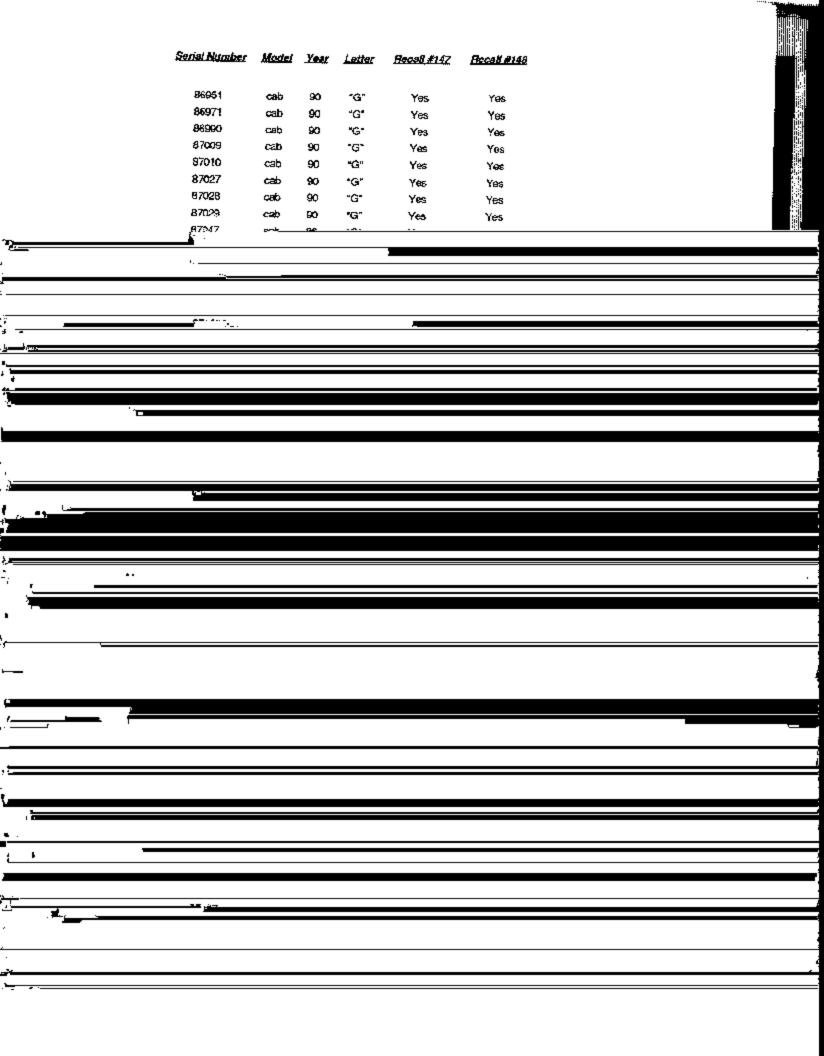
81999 cab 89 *F* Yes No 81943 cab 89 *F* Yes No 91947 cab 89 *F* Yes No 91955 cab 89 *F* Yes No 91969 cab 89 *F* Yes No 91969 cab 89 *F* Yes No 81963 cab 89 *F* Yes No 81964 cab 89 *F* Yes No 81968 cab 69 *F* Yes No 81970 cab 69 *F* Yes No 81973 cab 89 *F* Yes No 81974 cpe 89 *F* Yes No
81947 cab 89 "F" Yes No 81955 cab 89 "F" Yes No 81959 cab 89 "F" Yes No 81969 cab 89 "F" Yes No 81963 cab 89 "F" Yes No 81964 cab 89 "F" Yes No 81968 cab 69 "F" Yes No 81970 cab 69 "F" Yes No 81973 cab 89 "F" Yes No
81955 cab 89 "F" Yes No 81969 cab 89 "F" Yes No 81969 cab 89 "F" Yes No 81963 cab 89 "F" Yes No 81964 cab 89 "F" Yes No 81968 cab 69 "F" Yes No 81970 cab 69 "F" Yes No 81973 cab 89 "F" Yes No
81959 cab 89 "F" Yes No 81959 cab 89 "F" Yes No 81963 cab 89 "F" Yes No 81964 cab 89 "F" Yes No 81968 cab 89 "F" Yes No 81970 cab 89 "F" Yes No 81973 cab 89 "F" Yes No
81959 cab 89 "F" Yes No 81963 cab 89 "F" Yes No 81964 cab 89 "F" Yes No 81968 cab 89 "F" Yes No 81970 cab 89 "F" Yes No 81973 cab 89 "F" Yes No
81963 cab 89 "F" Yes No 81964 cab 89 "F" Yes No 81968 cab 89 "F" Yes No 81970 cab 89 "F" Yes No 81973 cab 89 "F" Yes No
81964 cab 89 "F" Yes No 81968 cab 89 "F" Yes No 81970 cab 89 "F" Yes No 81973 cab 89 "F" Yes No
81968 cab 69 'F' Yes No 81970 cab 69 'F' Yes No 81973 cab 89 'F' Yes No
81970 cab 89 'F" Yes No 81973 cab 89 'F" Yes No
81978 cab 89 1F" Yes No
81974 cpe 89 °F Yes No
81975 cado 89 °F* Yes No
81976 cab 89 °F Yes No
81980 ope 89 "F" Yes No
81984 cab 89 "F" Yes No
\$1997 cab 89 "F" Yes No
81990 cab 89 °F" Yes No
81991 cab 89 °F" Yes No
81993 cab 89 'f" Yes No
81998 cab 89 "F" Yes Mo 82012 cab 89 "F" Yes No
82016 cpe 89 "F" Yes No 82019 cab 89 "F" Yes No
82022 cab 89 "F" Yes No
82032 cab 89 "F" Yes No
82036 cab 99 "F" Yes No
82040 cab 69 "F" Yes No
62043 cab 99 "F" Yes No
82052 cab 89 "F" Yes No
82056 cab 89 °F Yes No
82059 ope 89 1F* Yes No
82061 cab 89 °F' 'es No
82070 cab 89 °F° Yes No
82073 cab 89 "F" Yes No
82077 cab 99 "F" Yes No
82083 cab 89 "F" Yes No
82090 cab 89 "F" Yes No
82093 cab 69 °F" Yes No
62097 cpe 89 °F" Yes No
82100 cab 89 °F" Yes No
82,111 çado 89 1°F" Yes No
82114 cab 89 "F" Yes No
92119 cab 99 "F" You No
62121 cab 69 °F" Yes No
82,131 cab 69 "F" Yes No.
82134 cab 8\$ "F" Yes No
82136 cpe 89 "F" Yes No
82139 cab 89 "F" Yes No
82142 cado 89 °F" Yes No
82154 cab 89 °F* Yes No
82156 cpe 89 1FT Yes No

Serial Number	Madel	Year	Letter	Recell#147	<u>Racali #148</u>
82159	desa	89	æ	Yes	No
82162	carb	89	•F-	Yes	Na
82:85	cab	89	- F-"	Yes	No
82172	cab	89	' F ''	Yes	Nb
82176	cab	89	ng:	Yes	No
82182	cab	89	*F*	Yes	No
82195	cab	89	*E"	Yes	No
82198	cab	89	• ; =	Yes	No
82200	ope	89	^ ≓ -	Yes	No
82203	cab	89	#Er	Yes	No
82215	cab	69	ĸĽ.º	Yes	No
82218	cab	89	FE*	Yes	No
E2222	cab	89	*F*	Yes	Na
82225	¢ab	89	"F"	Yes	No
92235	cab	e 9	"F"	Yes	No
82230	cab	88	• ¢ >	Yes	No
82242	сре	89	"F.	Yes	Nŧo
82246	cab	8 9	"F"	Yes	No
82255	cab	89	F"	Yes	No
82257	cap	89	~ ⊱~	Yes	No
82262	cab	89		Yes	No
82266	cab	89	- k -	Yes	No
82275	cab	89	~F=	Yes	Nσ
82279	cab	89	-F-	Y95	No
82283	cab	89	"F"	Yes	No
82267	ope	89	*F*	Yes	Nic
82295	cab	89	°F"	Yes	Na
82299	cab	89	"F"	Yes	No
82303	cab	89	F-	Y∌s	No
82307	cab	89	·F.	Yes	No
82315	cab	89	Ŧ	Yes	No
82319	cpe	89	°F"	Yes	No
82323	cab	89	-t -r	YGe	No
82327	cab	89	,Ł-	Y e s	Nα
82334	cab	89	* F -	Yeş	No
82338	cab	89	F	Yes	No
82341	cab	89	F	Yes	No
82344	cab	89	"F"	Yes	No
6234 8	çab	89	"F "	Yes	No
82351	che	85	* F *	Yes	No
82354	cab	89	'F	Yes	No
82357	cab	89	"F"	Yes	No
62964	cab	89	"F"	Yes	No
82367	cab	89	*F*	Yes	No
82370	cab	80	°F	Yes	No
82373	cab	89	'F	Yes	Мo
82379	can	8 9	-F -	Yes	Na
82381	upe	69	"≓"	Yes	No
82384	cab	89	'F'	Yes	No
82388	cab	B9	ιĘ·	Yes	No
82394	ceeb	89	¹F *	Y⇔s	No
62897	cab	89	£-	Yes	No

Serial Number	Model	<u>Ye</u> gi	<u>Letter</u>	<u> Fecel #147</u>	<u> Recall #143</u>
82401	cab	89	-۴ '	Yes	No
82405	cab	89	"F*	Yes	No
62408	cab	89	·F	Yes	No
82412	cab	89	-F-	Yes	Nα
82416	cpe	89	·F·	Ye₀	No
82420	cab	89	"F"	Yes	No
82424	çab	89	" "	Yes	No
82428	cab	89	"F"	Yes	No
82431	cab	89	"F"	Yes	No
62494	cąb	89	"F"	Yes	No
82438	cab	89	"F"	Yes	No
82442	cab	89	"F"	Yos	No
82445	cpe	3 9	" F"	Yes	Na
82447	cab	89	" F"	Yes	No
82451	cab	89	" F "	Yès	No
82455	cab	89	"F "	Yes	٧o
82458	c≋b	80	" #"	Yes	Vφ
82462	¢∌b	89	F	Yes	No.
82466	cab	89	"F"	Yes	No
62472	cab	89	"F "	Yes	No
82475	cpe	89	°F"	Yes	No
82479	cab	29	۴°،	Yes	No
82483	cab	89	" F	Yes	No
82490	cab	8 0	·F·	Yes	No
824 94	cab	89	~F*	Yes	No
82498	cab	89	"F"	Yes	No
82502	cab	œ	* £ "	Yes	Nφ
82508	cab	89	'F'	Yes	No
B2511	cab	69	- p -	Ye∈	Nα
82515	сре	89	*F "	Yes	No
82519	cab	89	"F "	Yes	No
82523	¢ab	89	'F'	Yes	No
82527	cab	89	÷	Yes	No
82530	cab	89	۴r'	Yes	No
82533	cab	8 9	'F"	Yes	No
82539	cab	89	'F"	Yes	No
82543	cab	89	-F-	Yes	No
82547	ope	89	*F *	Yes	No
92650	cab	69	- F-	Yes	No
82553	сре	89	*F"	Yes	K45
82559	cap	89	-F"	Yes	No
82583	cab	89	- F"	Yes	No
82567	çab	89	"F"	Yes	Na
82571	cab	0 9	°F"	Yes	No
82574	сре	89	~F~	Yes	No
92590	cpe	89	•F	Yes	No
62583	фе	89	"F"	Yes	No
82587	cpe	89	F.	Yes	No
1989 Vehicles					
Affected:		C	abriolet	156	<u>IATAL</u>
		1	Coupe	42	206

<u>1990 Mondial t</u>

Serial Number	Model	Year	Letter	Recall #147	Receit #148
84665	cab	90	"F "	Yes	No
95307	cap	90	F	Yes	No
85360	cab	90	F	Yes	Nο
85439	cap	90	"干"	Yes	No
85507	ash	90	rF"	Yes	No
85558	cab	90	F	Yes	No
85573	cab	90	'F '	Yes	No
85615	čeb	90	*F	Yes	No
85674	cab	90	"F"	Yes	No
85714	cab	90	"F"	Yes	No
85771	cab	90	F	Yes	Na
85831	cab	90	'F'	Yes	No
85858	cab	90	.Ŀ.	Yes	No
85927	cab	90	G	Yes	Yes
85966	cap	90	"G"	Yes	Yes
86079	çab	90	*Ģ*	aeY	Yes
86\15	çab	90	" G"	Yes	Yes
86152	cab	30	'G"	Yes	Yes
8 6190	csp	90	"G"	Yes	Yes
86247	cab	90	. ⊘.	Yes	Yes
863 06	cab	90	1 G"	Yes	Yes
86364	cab	90	•G"	Yes	Yes
86423	cat	90	"Gr	Yes	Yes
8 6441	cab	90	"G"	Yes	Yes
66463	cab	90	"G"	Yes	Yes;
6648 0	cab	90	. G.	aeY	Yes
96500	çab	90	.G.	Yes	Yes
96520	cab	90	*G*	Yes	Yes
86551	cab	90	'G'	Yes	Yes
86570	cats	90	•G"	yes .	Yes
86589	cab	80	"G"	Yes	Yes
96528	cab	90	.C.	Yes	Yes
96647	cab	90	.G.	Yes	Y±5
86666	cab	90	¹G"	Yes	Yes
86687	රවය	90	"G"	Yea	Yes
86688	cah	90	"G"	Yes	Yes
86704	cab	90	"G"	Yes	Yes
86715	czab	90	"Ģ"	Y95	Yes
85734	cab	90	-G-	Yes	Yes
86753	cab	90	"G"	Yes	Yes
86771	cap	90	*G*	Yes	Yes
86791	cab	90	⁴G"	Yes	Yes
9 6810	cato	90	•Ġ"	Yes	Yes
86829	cab	90	'G"	Yes	Yes
96848	cado	90	"G"	Yes	Yes
86866	cab	90	*G*	Yes	Yes
86894	cab	90	•G"	Yes	Yes
86914	cab	90	"G"	Yes	Yes
86934	cab	90	•G-	Yes	Yes
86950	cab	90	"G"	Yes	Yes



1991 Mondial t

Serial Number	<u>Model</u>	<u>Year</u>	Letter	Rocali #147	Recall #148
88028	cab	91	" F"	Yes	No
60048	cab	91	*F *	Yes	No
88106	cab	91	4 F *	Yes	No
88147	cab	91	°F'	Yes	No
88184	cab	81	"F"	Yes	No
88240	cab	91	-F-	Yes	No
88298	cab	91	Æ,	Yes	No
88333	cab	91	"F"	Yes	No
88353	çab	91	* F"	Yes	No
88394	cab	91	- F"	Yes	No
88408	cab	91	'F"	Yes	No
88428	cab	91	"F"	Yes	No
88447	cab	91	"F"	Yes	No
88602	cab	91	rF-	Yes	No
88760	cab	91	'F'	Yes	No
88811	cab	91	'F"	Yes	No
989 †1	cab	91	*F*	Yes	No
88975	cab	91	-F-	Yes	No
89035	cab	91	~F~	Yes	No
89094	cab	91	" F"	Yes	No
89155	cab	91	"F "	Yes	No
89215	cab	9 1	"	Yes	No
89275	cab	91	·F-	v _{es}	No
89335	cato	91	°F"	Yes	No
80362	cab	₽ 1	#F-	Yes	No
89413	cab	91	"F"	Yes	No
89432	cab	91	'F"	Yes	No
69458	cab	91	- ₹-	Yes	No
69479	cab	91	-F-	Yes	No
69498	cab	91	-l::-	Yes	No
89517	cab	91	-F "	Yes	No
89536	cab	91	•F~	Yes	No
89556	cab	91	∓ -~	Yes	No
89577	cab	91	·F'	Yes	No
89596	cab	91	"F"	Yes	No
89858	cab	91	4F	Yes	No
89909	cab	91	"F"	Yes	Na
89947	cab	91	" - "	Yes	No
89984	cab	91	-k-	Yes	No
90021	cab	91	*F*	Yes	No
90060	cab	91	"F"	Yes	No
90096	çab	91	°F"	Yes	No
90138	cab	91	"F"	Yes	No
90175	cab	91	- F⊓	Yes	No
90198	cab	91	•F⁺	Yes	No
90233	cab	91	T.	Yes	No

Serial Number	Model	<u>Year</u>	Letter	Recall #147	Recall #140
90270	cab	91	"F-	Yes	No
90306	cab	91	"F"	Yes	Na
90392	cab	91	"F"	Yes	No
90461	cab	91	"F"	Yes	Na
1991 Vehides					
Affected:				50	0

1992 Mondial t

Serial Number	Model	Year	Letter	Rocell #147	Recall #148
90607	cab	92	۴F•	Yes	No
90724	cab	92	" #"	Yes	No
90731	cab	92	·F	Y e s	Na
90763	cab	92	°F"	Yes	Na
90801	cab	92	"F"	Yes	No
90818	cab	92	"F"	29¥	No
90963	cab	92	F'	Yes	No
90904	cab	92	*F	Yes	No
90956	685	92	٠٢"	Yes	No
91030	cab	92	°F "	Yes	No
91059	cab	92	"F"	Yes	No
91096	det	92	" F"	Yes	No
91134	cab	92	" F"	Yes	No
91173	çab	92	*F*	Yes	No
91210	cab	92	•F"	Yes	No
91246	cab	92	٩F	Yes	No
91258	cab	92	"F"	Yes	No
91292	deb	92	"F"	Yes	Na
91322	cab	92	F	Yes	No
91346	cab	92	"F"	Yes	No
91374	cab	92	°F'	Yes	No
91395	cab	92	"F"	Yes	No
91433	ceb	92	"F'	Yeş	No
91454	cab	92	" F	Үе₅	No
91480	cab	92	"F"	Yes	No
91500	cab	82	4.	Yes	No
91519	cab	9 2	. E.	Yes	No
91538	cab	\$ 2	°F'	Yes	No
B1557	ÇĄD	92	°F	Yes	Na
91576	cab	92	"F"	Yes	No
91900	çab	92	"F"	Yes	No
91953	cab	92	'F'	Yes	No
92020	cab	62	F'	Yes	No
92115	cab	92	"F	Yes	No

1992 Vehicles

Affected: 34 0

1907年 日本日本

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07832 201-816-2600 TLX: 248021 FAX: 201-616-2626

August 12, 1992

Mr. James P. Talentino Office of Defects Investigation National Highway Traffic Safety Administration Washington, D.C. 20590

SUBJECT: Recall Campaigns No. 92V-071, 92V-072 and 92V-073

Dear Director:

As a follow-up to our previous correspondence regarding the above mentioned Recall Campaigns that were initiated by Ferrari, we would like to provide you with the following updated information:

- An initial supply of the necessary spare parts was distributed thoughout our Authorized Dealer network during the week of June 15, 1992.
- Ferrari North America had sufficient spare parts in stock to update seventy percent (70%) of the vehicles involved in the campaigns, with the balance of the parts available within sixty (60) days.
- The Recall Booklet was distributed throughout our Authorized Dealer network during the week of June 15, 1992.
- The Customer Notification Letters, along with the Recall Forms, were distributed between June 29 and July 18. All customers having potentially affected vehicles have been notified except for those where the notices were returned to us as non-deliverable. These notices returned to Ferrari North America as non-deliverable are currently being researched.



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- There was a slight delay of two weeks in sending out the Customer Notification Letters due to a problem with the printing of the recall envelops.

Should you have any further questions or require additional information, please feel free to contact me.

Yours truly,

Kenneth W. McCay

Director of Service & Parts





URGENT - RECALL CAMPAIGN NOTIFICATION

COPY®: RETU≑NTO FACTORY COPY MI PARTS COPY PIELAN WITH PARTS 5, 35, 71 CLAS NO BION WHALEE NORTH AMERICA, INC. 511M. No 3740 OWNER: CLAIMS PAIN SUBJECT TO AUDIT AND PAH) SHINSPECTION OWNERS SKINATURE MERCIEL AND NO 4101 WE CENTRY THE COMPLETION OF MUNICIPAL REQUIREMENTS ON THE PERCEL CAMPAIGN ON THE PERCEUTEMENTS. TORRIECT . RETURN PACTORY ELECTION ON 'NT' AUTHOROES SURVIDING SEALER MAKE RECALL CAMPAIGN FORM CPEH, NO. 9 9 9 9 1000年 ALL DESAM COMMENTA WITH MUST DE ON AN APPROPRIATE MUST COMMENTAL DAMINISTRADA VICTA DE MUSTA A WARRANT COMPATO TATION TO BADA Such Pages Peling sound had REALERIN WIN CALCULATIONS
CARRY SERVER SUBLET AMOUNT CLAMME? TOTA.

:: <u>:</u>

ENCEDAN COPY



BUSINESS REPLY MAIL

FIRST CLASS MAIL PERMIT NO. 1394 ENGLEWOOD CLIFFS, NJ

POSTAGE WILL BE PAID BY ADDRESSEE

FERRARI NORTH AMERICA INC 250 SYLVAN AVE ENGLEWOOD CLIFFS NJ 07632-9987 NO POSTAGE
NECESBARY
IF MAILED
IN THE
UNITED STATES



RECALL CAMPAIGN

REF. NO. 147
FUEL INJECTION LINES

REF. NO. 148
UPPER STEERING COLUMN
LOCKNUT

REF. NO. 149
STEERING BOX EXTENSION
FASTENER

JUNE 1992

READ, INITIAL »

Service Manager	Parts Manager	Service Writer	Technican	Warranty Clerk

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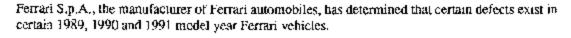
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Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8162616 FAX: 201-816-2626

June 1992

Dear Ferrari Deater:



- On 348 ts/tb and Mondial t vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unsorticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/tb, Mondial t, and Testarossa vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the steering box extension fastener was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Instructions for performing the necessary remedies are herewith enclosed. The corrective action will require approximately 1.5 hours.

Accordingly, we have sent notices to all owners of the potentially affected vehicles advising them of these problems and requesting that they contact any authorized Ferrari dealer for the necessary repairs, as per the attached notification letter.

¬		
OTH		

Upon receipt of the campaign notice properly signed by the customer and by you or your authorized representative, we will, of course, reimburse you for the labor and applicable parts expended in carrying out these campaigns.

Obviously, if you have any of the potentially affected vehicles in your stock, you must not self 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. Very truly yours,

Kenneth McCay Technical Director

Konnath Mr Cary

Ferrari North America, inc.

RECALL CAMPAIGN NO. 147

INTRODUCTION - Fuel injection lines

SUBJECT:

Recall Campaign No. 147

Ferrari 348 ts/tb - Mondial t Models - Fuel injection lines

VEHICLES:

All Ferrari 348 ts/tb and Mondial: Models with the following serial number ranges:

- Ferrari 348 ts/th, Model Year 1989 and 1990, starting from serial number 82277 up to serial number 87888 included.
- Ferrari Mondial to coupe and cabriolet, Model Year 1989 and 1990, starting from serial number 81342 up to serial number 87908 included.

CONDITION:

The aluminum fuel line fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage.

REMEDY:

Replacement of the Fuel injection system lines "A & B" with the modified fuel lines (shown on Fig 1, page 6).

PARTS:

Quantities required for each vehicle and identification of the new Fuel lines with the new part numbers, are shown on the Parts List Table "A" on Page 8). The new part fittings are now aluminum with a non corrosive coating.

COST:

- a) An initial supply of new fuel lines will be shipped to your dealership. Your parts account will be charged accordingly. The Table on page 8 indicates the part numbers and quantity required per vehicle.
- b) Additional fuel return lines can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No. 1

147

Time

348 ts/tb - 0.8 hours

Mondial t -

1.2 hours

RECALL CAMPAIGN NO. 148

INTRODUCTION - Upper steering column locknut

SUBJECT:

Recall Campaign No. 148

Ferrari 348 ts/tb, Mondial t and Testarossa Models

Upper steering column looknut

VEHICLES:

All Ferrari 348 ts/tb, Mondial t & Testarossa Models with the

following serial number ranges:

- Ferrari 348 ts/tb, Model Year 1990 and 1991, starting from serial

number 85389 up to serial number 87898 included.

Ferrari Mondial t coupe and cabriolet, Model Year 1990, starting

from serial number 85927 up to serial number 87908 included.

Ferrari Testarossa, Model Year 1990 and 1991, starting from

scrial number 85658 up to serial number 87483 included.

CONDITION:

The upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential

impairment of handling.

REMEDY:

Replacement of the Upper steering column locknut with the

improved self-locking nut (shown on Fig 1, page 11).

PARTS:

Only one locknut (PN# 150428) required for each vehicle.

COST:

An initial supply of new self-locking nuts will be shipped to your

dealership. Your parts account will be charged accordingly.

Additional self-locking nuts can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No.

148

Time

ALL MODELS -

0.2 hours

REIMBURSEMENT:

On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page x).

INSTRUCTIONS FOR LOCKNUT REPLACEMENT

A. Preliminary:

The replacement self-locking nut (Fig.#1a) is supplied as a spare part (PN# 150428) by the Ferrari North America parts department.

B. Procedure for installation

Cover interior (seat and carpeting).

2) Remove 13mm locknut from upper steering column fastener and replace with new 13mm self locking nut (PN# 150428) as shown in fig.# 1 below.

3) Check that the steering column shaft is properly inserted into the steering column extension. Fastener <u>must</u> go through the groove provided in the steering column shaft.

Torque self-locking nut to 2.3 daNm (17 lbs/ft).

5) Check for binding in steering system. If there is binding, check system for faults.

6) Remove all protective covers from interior and insure that the area is clean.

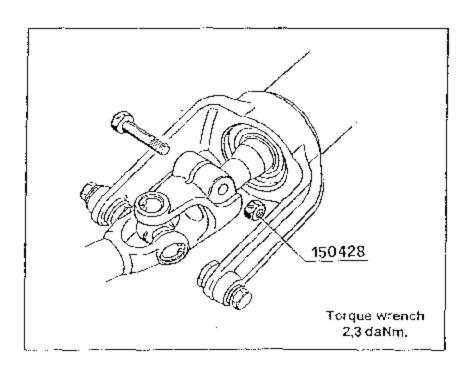


Fig.#1a

RECALL CAMPAIGN NO. 149

INTRODUCTION - Steering box extension fastener

SUBJECT:

Recall Campaign No. 149

Ferrari 348 ts/tb Models

Steering box extension fastener

VEHICLES:

All Ferrari 348 ts/tb Models with the following serial number

ranges:

- Ferrari 348 ts/tb, Model Year 1989 and 1990, starting from serial

number 82277 up to serial number 86212 included.

CONDITION:

On 348 ts/tb vehicles with Vehicle Identification Number lower than 86212, the steering box extension fastener may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and

consequential impairment of handling.

REMEDY:

Replacement of the Steering box extension fastener with the

improved fastener (shown on Fig 1, page 13),

PARTS:

One set of the following is required for each vehicle:

a) Fastener bolt PN#125518 Quantity - 1 b) Locknut PN#12574221 Quantity - 1 c) Washer PN#12601274 Quantity - 2

COST:

An initial supply of these parts will be shipped to your dealership.

Your parts account will be charged accordingly.

Additional supplies of these parts can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No. 149

Time

0.1 hours

REIMBURSEMENT:

On teceipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page x).

INSTRUCTIONS FOR FASTENER REPLACEMENT

A. Preliminary:

5)

6)

7)

8)

9)

The replacement Fastener, bolt and washers (Fig.#1) are supplied as a spare parts by the Ferrari North America parts department using the part numbers listed on "parts" section of page 12.

B. Procedure for installation

Cover interior (seat and carpeting).

2) Move carpeting away from area of steering extension located under the dash at the base of the front cabin wall.

 Remove 10mm locknut from steering extension fastener and remove the fastener.

4) Check that the steering box shaft is properly inserted into the steering column extension. Fastener <u>must</u> go through the groove provided in the steering box shaft.

Install new fastening bolt along with the two washers and locknut as shown in fig.# 1 below.

Torque Fastener nut to 1.2 daNm (9 lbs/ft).

Replace carpeting around area of steering extension.

Check for binding in steering system. If there is binding, check system for faults.

Remove all protective covers from interior and insure that the area is clean.

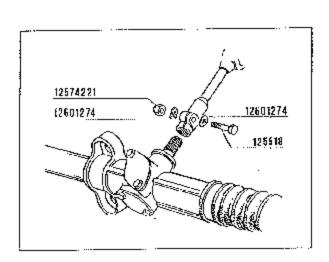


Fig.#1b

RECALL CLAIM FORM INSTRUCTIONS

FORWARD:

The enclosed recall claim form has been numbered in these areas to be completed by your dealership. The numbered areas indicate the necessary information needed to process the claim and promptly credit your account.

INSTRUCTIONS:

Information required to complete the recall claim form:

Area Instructions

- 1) Enter your Ferrari 4-digit account number.
- Enter vehicle mileage at time of repair.
- Enter date of repair.
- 4) Enter Dealer claim calculations:

Parts Dealer Net (Stock order price) Parts Handling (33%) Total Parts Total Labor (hrs. x your approved WAR) Amount Claimed

- 5) Enter name of authorized servicing Dealer.
- Signature of Dealer or authorized designee.
- Signature of vehicle's owner.
- 8) If VIN number listed in area 8 appears invalid, please show correct VIN in explanation space (9).

No repair order need be attached for the campaign unless an owner has lost or never received a recall claim form. If this occurs, record all pertinent data, as required by the recall claim form, on a repair order. Owner signs the repair order.

The repair order must not be submitted until the Ferrari Representative can provide a blank recall claim form. Transfer pertinent data from repair order to the recall claim form. In OWNER area (7), write "Owner's signature on repair order no.." <u>Attach the repair order to the claim form</u> and submit for reimbursement.

MAILING:

Send the recall claim form to the Ferrari North America Warranty department in a Warranty claim return envelope (Part No. 3555).

	COPY #1 RETURN TO FACTORY	COPY A DEALEA CO PETAN TOR REPORD	2 2-4 2-20-5 25	COPY 43 PARTS COPY RETAIN WITH PARTS	ÖDIM M FNA DECHNIC MANAGER	
CEAUNS PAID SUBJECT TO AUDIT AND PARTS MAPROTHAY	OWNERS SIGNATURE:	OWNEH:			CLANINO.	Herrania NORTH AMERICA, INC. SERVICIA MACT
HETURN	FACTOMY COMMENTS BELLICOY BELLICOY	AUT-ORZEO SERVICINO DEALER MINE	INDER THE RECALL CAMPAIGN ON THE VEHICLE HE OFFICER OF SERVICES RECARDING IS		SELL DLA ACCT. NO. WO REPARADONTE M.	МАЛ
			OPER NO. HOUSE		MILEAGE	ECALL
CLAIMEC	TOTAL PARTS TOTAL LABOR TOTAL AMPLINT	DEALER DIAIN CALCULATIONS PARTS DEALER PARTS HANDING	ACTACHEA (GANC)	9	ALL RECALL DAMPAIDA WORK MUST BE ON AN APROPRIATE DECALLO AMPAICA CHUM FORM NOTA MEDALANTY OLAM ROPH AT MUCH REPAIR FORGE OCPY TO DACK	RECALL CAMPAIGN FORM

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenuc Englewood Cliffs, NJ 07832 201-816-2600 TLX: 8162616 FAX: 201-816-2626

June 1992

Letter "A"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1989 and 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the steering box extension fastener was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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



Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely,

Kenneth McCay
Technical Director

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Ferrari North America, Inc.

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8182818 FAX: 201-816-2626

June 1992

Letter "B"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/to vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain importiced and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the steering host extension fastener was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the steering box extension fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

Cont		

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.

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

> 250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.

Sincerely,

Kenneth McCay Technical Director

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Ferrari Nordi America, Inc.

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Ferrari North America, Inc. 250 Sylvan Avenue Englewcod Cliffs, NJ 07632 201-816-2600 TLX: 8162616 FAX: 201-816-2626

June 1992.

Letter "C"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers initicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely,

Kenneth McCay Technical Director

Frank Mala

Ferrari North America, Inc.

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201 816-2600 TLX: 8162616 FAX: 201-816-2626

June 1992

Letter "D"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 and 1991 model year Ferrari vehicles.

On 348 ts/tb vehicles with Vehicle Identification Number lower than 87898, the *upper steering column locknut* was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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

Sincerely,

Kenneth McCay Technical Director Forrari North America, Inc.



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Ferrari North America, Inc. 250 Sylvan Avenus Englewood Cliffs, NJ 07632 201-816-2600 TLX: 8162616 FAX: 201-816-2626

June 1992

Letter "E"

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 and 1991 model year Ferrari vehicles.

On Testarossa vehicles with Vehicle Identification Number lower than 87483, the upper steering column tecknut was manufactured with a lower class of material and self-tocking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above condition, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modification,

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day 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 and parts to perform the repair.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Cont.....

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393 nationally and (202) 366-0123 for Washington D.C. area residents.

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



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Kenneth McCay Technical Director Ferrari North America, Inc.

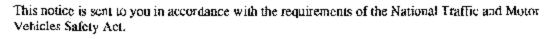


<u>Ferrari</u>

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07832 201-816-2600 TLX: 8162616 FAX: 201-816-2626

June 1992





Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles.

On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fue! Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day 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 and parts to perform the repair.

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

250 Sylvan Avenue, Engleword Cliffs, NI 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Cont...,....





Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.



Kenneth McCay Technical Director Ferrari North America, Inc.



<u>Ferrari</u>

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-616-2600 TLX: 8162616 FAX: 201-816-2626

June 1992.

Letter "G"

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

Ferrari S.p.A., the manufacturer of Perrari automobiles, has determined that certain defects exist in certain 1990 model year Ferrari vehicles,

- On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines can corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 87908, the upper steering column tocknut was manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

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

250 Sylvan Avense, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)



Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line 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.

Sincerety,

Kenneth McCay Technical Director Ferrari North America, Inc.



VEHICLE MASTER LIST

1989 348 ts / tb

Serial Number	Model	Year	<u>Letler</u>	Recell #147	<u>Recall#148</u>	<u>Recall #149</u>
82277	ts	69	*A*	Yes	No	Yes
82281	ts	韓	- A -	Yes	No	Yes
82292	bs	89	'A'	Yes	No	Yes
82301	ţs:	89	"A"	Yes	No	Yes
82311	15	89	" A "	Yes	No	Yes
82314	ts	89	*A *	Yes	No	Ye€
82321	\$ 8	89	'A'	Yes	N¢	Yes
82325	ts	89	. W .	Yes	No	Yes
82330	15	89	*A *	Yes	No	Yes
82333	B	89	"A"	Yes	No	Yas
B2337	ts	89	*A*	Yes	No	Yes
82347	tb	68	*A*	Yes	No	Yes
82353	₩.	68	" A "	Yes	No	Yes
82360 82365	tb v	69	Α.	Yea	No	Yes
82371	曲	89 89	. V .	Yes	No U	Yes
82375	llu Eto	969 G-9	-A-	Yes Yes	No No	Yes Yes
82386	th:	89	*A -	Yes	No.	Yes
82391	ts.	89	-A-	Yes	No 140	Yes
82395	tb	89	AA*	Yes	No	Yes
82399	ts	89	*A*	Y∋s	No	Yes
82407	(to	89	-A-	Yes	No	Yes
82414	ts	80	.A.	Yas	Na	Yes
82418	ь	69	* A "	Yes	No	Yes
82426	助	89	" A "	Yes	No	Yes
82436	ts	89	" A "	Yes	No	Yes
82449	₩	89	- A "	Yes	No	Yes
82453	ts	89	^ A "	Yes	No	Yes
82460	tb	8 3	* A *	Yes	No	Yes
82464	tь	89	- A -	Yes	Nο	Yes
92469	ts	89	• A •	Yes	No	Yes
82535	₾	89	-A-	Yes	Na	Yes
82536	ts	9 9	. Y .	Yes	No	Yes
82536	ts:	89	° A "	Yes	No	Yes
82541	ts	89	"A "	Yes	No	Yes
82545	tb.	69	-A-	Yes	No	Yes
B2555	ts -	69	-A"	Yes	No	Yes
82557 82561	ts -	889	"A"	Yes	No No	Yes
82565	lS bs	89 89	*A*	Yes	No No	Yes
82569	ts ts	6 0	•A •	Yes Yes	No Na	Yes Yes
82576	ts	89	•A•	Yes	Na	Yes
82578	th	89	-A-	Yes	No	Yes
82585	ts	89	AA-	Yes	No	Yos
82589	ts	89	"A"	Yes	No	Yes
82590	ta ta	89	*A*	Yes	No	Yes
82591	ts	89	'A"	Yes	No	Yes
82592	l b	89	-A*	Yes	No	Yes
82593	В	89	'A-	Yes	No.	Yes
82594	ts	69	" A "	Yes	No	Yes

Serial Number	Model	Year	Letter	Recall #147	<u>Recall #148</u>	Recall #149
82595	क्ष	89	aA.	Yes	No	Yes
82596	ts	89	° A *	Yes	No	Yes
82597	ts	89	" A "	Yes	No	Yes
62596	tb	89	" A "	Yes	No	Yes
825G9	bs	89	* A *	Yes	No	Yes
8260 0	ts	89	* A "	Yes	No	Yes
82601	ts	89	" A "	Yos	No	Yes
82607	ts	59	" A "	Yes	No	Yes
82608	ts	29	" A "	Yes	No	Yes
82609	ŧs.	89	- A -	Yes	No	Yes
826 10	ts	89	" A "	Yes	No	Yes
82611	ts.	69	"A"	Yes	N□	Yes
82612	is.	89	"A"	Yes	No	Yes
82613	ь	8 9	* A *	Yes	No	Yes
82614	ts	89	" A "	Yes	No	Yes
8261\$	ঠ	89	" A "	Yes	No	Yes
B2616	ts	69	"A "	Yes	No	Yes
82617	ts.	86	"A *	Yes	No	Yes
R2618	* ≤	80	" A "	Yes	No	Yes
82619	ts	89	" A "	Yes	No	Yes
82620	ts.	69	*A*	Yes	No	Yes
92621	ts	89	" A "	Yes	No	Yes
82629	ts	69	"A "	Yes	No	Yes
B2630	ts	89	*A *	Yes	No	Yes
8263	ts	89	1 A "	Yes	No	Yes
82632	ts	69	4 A "	Yes	No	Yes
82633	ts	89	"A"	Ye5	No	Yes
82634	tb	89	" A "	Yes	Na	Yes
82635	ts	89	1A1	Yes	Na	Yes
82636	ts	89	'A"	Yes	No	Yes
92637	ts.	89	. A .	Yes	No	Yes
82638	स्त्र	89	·A-	Yes	No	Yes
82639	tb	89	'A'	Yes	No	Yes
82640	ta	89	4 A *	Yes	No	Yes
82641	ts	89	1A"	Yes	No	Yes
82642	ts	89	*A*	Yes	No	Yes
82643	tb	89	1A"	Yes	No	Yes
82651	ts	89	" A "	Yes	No	Yes
82652	t s	89	"A"	Yes	No	Yes
92653	ts	89	*A"	Yes	No	Yes
82654	ts.	89	A"	Yos	No	Yas
82655	ts	89	*A*	Yes	Na	Yes
82656	ts	89	- A -	Yes	No	Yes
82657	tş	89	'A"	Yes	No	Yes
82658	ţs	89	*A*	Yes	No	Yés
82659	ts	89	* A "	Yes.	No	Yes
82660	ts	89	^A"	Yes	No	Yes
82661	ts	89	-A-	Yes	No	Yes
92 662	t≊	89	"A"	Yes	No	Yes
82663	ts	89	"A'	Yes	No	Yes
82664	ts	69	"A"	Yes	Na	Yes

Serial Number	Model	<u>Year</u>	Letter	<u>Receu #147</u>	<u> Recau #148</u>	Recall #149
82665	ts	89	'A'	Yes	Nc	Yes
82673	t b	89	- A *	Yes	Nα	Yes
82674	ts	89	"A "	Yes	Na	Yes
82675	ts	89	'A'	Yes	No	Yes
92676	ts	8 9	"A'	Yes	No	Yes
82677	tb:	89	- A -	Yes	No	Yes
82678	L	6 9	- A -	Yes	No	Yes
82679	ts	69	-A-	Yes	No	Yes.
82530	散	RQ.	-A-	Yes	No	Yes
82681	ts	89	-A.	Yes	No	Yes
82682	£ b	89	"A"	Yes	No	Yes
826 83	ts	89	.W.	Yes	No	Yes
82684	ts	89	'A'	Yes	No	Yes
82685	th	89	" A "	Yes	No	Yes
826 8 8	t 5.	89	~ A .	Yes	No	Yes
62697	ts	8 9	. W.	Y 25	No	Yes
84107	tb	60	"A°	Yes	No	Yos
84108	tb	63	" A "	Yes	No	Yes
84124	tb.	89	1A "	Yes	No	Yes
64125	Ð	89	- A -	Yos	No	Yus
84141	tb	89	*A *	Yes	No	∀e 6
84142	tb	89	"A"	Yes	No	Yes
84157	tь	8 9	^ A "	Yes	No	Yes
84158	# □	89	. A -	Yes	No	Yes
84171	p D	89	^ A "	Yes	No	Yes
64172	tto	89	" A "	Yes	No	Yes
64186	tb	89	" A "	Yes	No	Yes
84187	tto-	89	"A"	Yes	No	Yes
84206	L b	89	-A-	Yes	No	Yes
84207	龄	89	"A"	Yes	No	Yes
84219	tb	89	*A"	Yes	No	Yes
84220	tb	B9	"A"	Yes	No	Yes
84235	tb	89	" A *	Yes	No	Yes
1989 vehicles						
affected:				134	0	134

1990 348 ts / tb

Serial Number	Model	<u>Year</u>	<u>L</u> etter	Beogii #147	<u> Flecali #148</u>	Recall #149
84547	ts	90	"A"	Yes	No	Yes
84548	ls.	90	"A"	Yыя	No	Yes
84561	B	90	"A"	Yes	No	Yes
84562	ts	90	"A "	Yes	No	Yes
84563	ts	90	'A"	Yes	No	Yes
84564	ts	90	"A"	Yes	No	Yes
84805	ts	80	-A-	Yes	₽ 4 ¤	Yes
85389	ts	90	°B"	Yos	Yes	Yes
8540G	žš.	90	"B"	Yes	Yes	Yes
85407	ts	90	°3"	Yes	Yes	Yes
85427	ts	90	-B.	Yes	Yes	Yos
85446	T:s	90	" B ⁻	Yes	Yes	Yes
85466	ts	90	"B "	Yes	Yes	Yes
05466	ts	90	-B-	Yes	Yee	Yes
85506	ts	90	-B-	Yes	Yes	Yes
85892	es est	90	" B"	Yes	Yes	Yes
85893	12	90	-B-	Yes	Yes	Yes
85912	ts	90	" 8"	Yes	Yes	Yes
85929	15	90	-Br	Yes	Yes	Yœ
85930	ls.	90	"B"	Yes	Yes	Yes
65650	ts.	90	∗B*	Yes	Yes	Yes
65969	ts.	90	" B"	Yes	Yes	Yes
85970	is.	90	*B*	Yes	Yes	Yes
85987	ts	90	ъ ъ	Yes	Yes	Yes
86006	ts	90	18 1	Yes	Yes	Yes
86007	ta	90	-B "	Yoe	Yes	Yes
86024	ts	90	*B*	Yes	Yes	Yes
86043	ts	90	*B*	Yes	Yes	Yes
86044	ts:	90	-B"	Yes	Yes	Yes
86048	tb	90	-B"	Yes	Yes	Yes
86049	tb	90	"B"	Yes	Yes	Yes
86062	ts	90	° β"	Yes	Yes	Yes
86068	ts	90	" ₿"	Yes	Yes	Yes
86086	ts	90	"B"	Yes	æşY	Yes
86087	ts	90	" B"	Yes	Yes	Yes
86104	ts	90	°₿"	Yes	Yes	Yes
86105	ts	90	° 5 "	Yes	Yes	Yes
06123	ts	90	4B*	Yes	Yes	Yes
96141	ts	90	"B"	Yes	Yes	Yes
86142	ts	90	"B "	Yes	Yes	Yes
66160	tb	90	-B-	Yes	Yes	Yes
86161	ts	90	-B-	Yes	Yes	Yes
86162	ta	90	-8-	Yes	Yes	Yes
66178	ts	90	"B"	Yes	Yes	Yes
86196	ts	90	-8-	Yes	Yes	Yes
86197	ts	90	-e"	Yes	Yes	Yes
86211	to	90	"В"	Yes	Yes	Yes
86212	ts.	90	* D *	Yes	Yes	Yes
	+7		-		-	

Serial Number	<u>Model</u>	Xear	Lefter	<u>Recall #147</u>	Recall #148	Recall #149
86232	125	80	" Ç"	Yes	Yes	No
86238	ts	90	* C"	Yes	Yes	Na
86239	ts	90	101	Yes	Yes	No
86253	ts	90	"C"	Yes	Yes	Na
86254	ts	90	"C"	Yes	Yes	No
86255	ts	90	*C*	Yes	Yes	No
86273	ts	90	"C"	Yns	Yes	No
88274	ts	90	"C"	Yes	Yes	No
86275	ts	90	"C "	Yes	Yes	No
8627 6	ls	90	*C"	Yes	Yes	No
86291	হৈ	90	*C*	Yes	Yes	No
86292	ts	90	*C*	Yes	Yes	No
86293	ts	90	.c.	Yes	Yas	No
86294	ts	90	"C"	Yes	Yes	No
86310	ь	90	"C"	Yes	Yes	Мо
86312	ls	90	* C**	Yes	Yes	No
86313	ts	90	*C"	Yes	Yes	No
86314	Ŀ	90	TCT	Yes	Yes	No
86340	ľЪ	90	"C"	Yes	Yos	No
86360	pto-	90	"C"	Yes	Yes	No
86380	Ф	90	+C"	Yes	Yes	No
96388	\$0	90	"Ç"	Yes	Yes	No
86389	t o	90	•Ç-	Yes	Yes	No
86410	ts:	90	"C"	Yes	Yes	No
96424	ts	90	"O"	Yes	Yes	Na
86425	ts.	90	"C"	Yes	Yes	No
86426	ts	90	" ¢"	Yes	Y6≥	No
86427	\$ 5	90	-C.	Yes	Yes	No
36428	ts	90	•C•	Yes	Yes	No
86429	i 5	90	.c.	Yes	Yes	Na
86430	ts.	90	aC.	Yes	Yes	No
86443	ts.	90	"C"	Yes	Yes	No
86444	ts	30	*C"	Yes	Yes	No
86445	ts.	90	.c.	Yes	Yes	No
88446	ts	90	-C-	Yes	Yes	No
86447	to	3 0	-C-	Yes	Yes	No
86464	t₃.	90	-C-	Yes	Yes	No
86465	ts.	90	TCT	Yes	Yes	No
8646 6	ts	90	•C"	Yes	Yes	No.
86467	ts	90	™C"	29Y	Yes	No
86468	t b	90	"C"	Yes;	Yes	Na
B6481	ts	90	"C"	Yes	Yes	No No
86482	ts	90	"C.	Yeş	Yes	No
86483	ts.	90	"C.	Yes	Yes	Np
86494	ts -	90	.C.	Yes	Yes	No.
86485	ts -	90	"C"	Ves Ve	Yes	No No
86501	ts t-	90	.c.	Yes	Yes	No No
86502	ts.	90	'C"	Yes	Yes	No No
86503	ts •	90	.C.	Yes	Yes	No.
66504 86507	ts *-	90	.C.	Yes	Yes	No No
ODSO1	Ħ)	90	4C*	Yes	Yes.	TWL.

Serial Humber	Model	<u>Year</u>	<u>Letter</u>	Recall #147	Ficcall #146	Receil #149
86521	ts	90	-c-	Yes	Yes	No
86522	ts	90	~ C"	Yes	Ycs	No
86523	ts	90	*C"	Yes	Yes	No
36524	b	90	"C"	Yes	Yes.	No
88539	5	90	-c-	Yes	Yes	No
86540	ts-	90	C.	Yes	Yes	No
86541	ts	90	*C"	Yes	Yes	No.
86542	ts	90	*C"	Yes	Yes	Nα
8655 8	ts	BO	°C"	Yes	Yes	No
86557	ls.	90	"G"	Yes	Yes.	No
86558	ts.	90	,C,	Yes	Yes	Nο
86559	ts	90	ro-	Yes	Yos	No
86563	tb	90	'C'	Yes	Yes	СИ
865 7 3	ts	90	*C*	Yœs	Yes	N ₂
86574	ts	90	,C-	Yes	Yes	14 0
86575	ts	90	.C.	Yes	Yes	No
86576	ts	90	·c·	Yes	Yes	No
86592	ts	90	.c.	Yes	Yes	No
66593	ts	90	"C"	Yes	Yes	No
86594	ts	90	·C.	Yes	Yes	Na
86595	t s	90	-C'	Yes	Yes	No
86612	ts.	90	·o·	Yes	Yes	No
86613	ts	90	c.	Yes	Yes	No
86614	ŧs	60	,Ċ,	Yes	Yes	No
86615	ts	90	,C.,	Yes	Yes	No
86616	ts	60	,C.,	Yes	Yes	No
86630	ts	80	.c.	Yes	Yes	No
86631	ts	90	.c.	Yes	Yes	No
86632	ts.	90	~C"	Yes	Yes	No
86633	ts	90	" C"	Yes	Yes	No
86634	ts	90	"C"	Yes	Yes	No
86639	tb	90	1CT	Y e s	Yes	No
86649	ts	90	"C"	Yes	Yes	No
86650	ts	90	"C"	Yes	Yes	No
96651	ts	9 0	"Ç"	Yes	Yes	Nc
86652	ts	90	"C"	Yes	Yes	Nc
86653	is.	90	-C	Yes	Yes	Na
86668	ts	90	*C"	Yes	Yes	Na
86669	ts	90	°C"	Yes	Yes	No
96670	ts	90	°C"	Yes	Yes	Nα
86671	ts	90	"C"	Yes	Yes	No
86672	t s	90	°C"	Yes	Yes	No
86673	ts	90	-C"	Yes	Yes	No
86674	ts	90	°C.	Yes	Yes	No
86675	ts	90	"C"	Yes	Yes	Nο
86689	Æ	90	"C"	Yes	Yes	No
65690	ts	90	•Ç"	Yes	Yes	No
86691	t s	90	.c.	Yes	Yes	No
86692	ts	90	-C-	Yes	Yes	Na
86693	t s	90	"C.	Yes	Yes	No
86694	Þ	90	"C"	Yes	Yes	No

Serial Number	Model	Year	Letter	Recall #147	Becell #148	<u>Recall #149</u>
86695	ts.	90	"C"	Yes	Yes	Nο
86696	ts	90	*C"	Yes	Yes	No
86706	tt ₃	90	*C"	Yos	Yes	No
86716	Es.	90	°C"	Yes	Yes	Na
86717	ts	90	"C"	Yes	Yes	Νo
86718	ts	90	"¢"	Yes	Yes	Na
86719	ts	90	-C-	Yes	Yes	No
86720	ts	90	*C*	Yes	Yes	No
86721	ts.	90	"C"	Yes	Yes	No
86722	ts:	90	"C"	Yes	Yos	No
86723	ts,	90	"C"	Yes	Yes	Na
86724	ts	90	"C"	Yes	Y95	No
86735	ts.	90	ro-	Yes	Yes	No
86736	ts	90	.c.	Yes	Yes	No
86754	ts	90	°C "	Yes	Yes	No
86772	ts.	90	"C"	Yes	Yes	No
66773	12,	90	"C"	Yes	Yes	No
86781	ts,	90	"C"	Yes	Yes	No
86863	ls	90	4C-	Yes	Yes	t∔o
86854	lts:	90	·C·	Yes	Yes	No
86857	tb	90	*C*	Yes	Yes	No
86969	ts;	90	-c-	Yes	Yes	No
86870	1 22	90	"C"	Yes.	Yes	Na
86871	វន	90	1C*	Yes	Yes	Nυ
86872	*	90	. C.	Yes	Yes	No
86974	tb	90	*C*	Yes	Yes	No
B 688 8	ts	90	.c.	Yes	Yes	No
86889	ts;	90	*C*	Yes	Yes	No
86890	ts	90	.c.	Y06	Yes	No
86891	te	90	"C"	Yes	Yes	No
96906	ts	90	-¢-	Yes	Yes	No
86907	ts.	90	.c.	Yes	Yes	No
86908	te:	DO.	*C*	Yes	Yos	No
86909	tş	90	-C-	Yes	Yes	No
86910	ts .	90	.C.	Yes	Yes	No
86912	Þ	90	-C1	Yes	Yes	No
86913	Þ	90	"C"	Yes	Yes	No
86925	ts	90	*C*	Yes	Yes	No
86926	ts;	90	.c.	Yes	Yes	No
86927	ts.	90	.c.	Yes	Yes	No
86928	ts;	90	٠c.	Yes	Yes	No
86933	th	90	'C ''	Yes	Yes	Νο
86946	ta .	90	"C"	Yes	Yes	No
86947	ts	90	"C "	Yes	Yes	No
86949	t 2	90	°C'	Yes	Yes	No
86949	ts.	90	٠Ċ.	Yes	Yes	No
86963	js .	90	.c.	Yes	Yes	No
85964	k .	9 0	'O'	Yes	Yes	No *1-
86965	ts 	90	.C.	Yes	Yes	No
86966	bs +-	90 ~	.C.	Yes	Yes	No
86970	tt.	90	rG.	Y e s	Yes	No

Seriel Number	Model	<u>Year</u>	<u>Letter</u>	Recall #147	Recall #148	Recall #149
87077	ts	90	"C"	Yes	Yes	No
87073	ts	90	°C"	Yas	Yes	No
87D79	ts	90	.c.	Yos	Yes	No
87080	ts	90	"C"	Yes	Yes	No
87091	t 5	90	"C"	Yes	Yes	No
B7091	ts	90	"C"	Yes	Yes	No
87092	21	90	*C*	Yes	Yes	No
87093	ts	90	*C*	Yes	Yes	No
37094	ts	90	407	Yes	Yes	No
67108	ts	90	"C"	Yes	Yes	No
87109	ts	90	"C"	Yes	Yes	No
87110	ts	90	*C*	Yes	Yes	No
87111	ts	90	*G*	Yes	Yes	Nφ
87112	ts	90	"C1	Yes	Yes	Na
87124	ts	90	- C	Yes	Yes	No
87125	ts	90	*C"	Yes	Yes	No
87126	ts	90	'C "	Yes	Yes	No
87127	b	90	-c-	Yes	Yes	No
87145	ts	90	*C*	Yes	Yes	No
87146	ts	90	-C-	Yes	Yes	No
87147	ts	90	"C"	Yes	Yes	No
87151	ts	90	*C"	Yes	Yes	No
87152	lis.	90	1C1	Yes	Yes	No
87167	bs	90	°C"	Yes	Yes	No
87168	ts	90	ъ.	Yes	Yes	Nα
87169	ts	90	"C"	Yes	Yes	No
87170	ts.	90	°C'	Yes	Yes	No
8717 1	ts	90	*C"	Yes	Yes	No
87173	tb	90	۴Ç٠	Yes	Yes	No
87188	ls	90	*C	Yes	Yes	No
87189	ts	90	.c.	Yes	Yes	No
87190	TS	90	.c.	Yes	Yes	No
87206	ts	90	.с.	Yes	Yes	No
87207	±s.	90	٠Ċ.	Yes	Yes	No
87208	ts .	90	.c.	Yes	Yes	No
87209	ts .	90	.c.	Yes	Yes	Na
87210	DS:	90	•C"	Yes	Yes	No
87226	ts	90	·C·	Yes	Yes	No
67227	ts.	90	"Gr	Yes	Yes	No
87228	ts	90	'C'	Yes	Yes	No
87229	ts	90	·C·	Yes	Yes	No
87244	ts	50	.c.	Yes	Yes	Na
87245	ts	90	*C"	Yes	Yes	Na
67246	ts	90	°G"	Yes	Yos	No
87247	ts	90	" Ç"	Yes	Yes	No
87248	ts	80	"C"	Yes	Yes	No
87264	et	90	-C-	Yes	Yes	No
87265	ts	90	.c.	Yes	Yes	No
87266	ts ts	ev 90	·c.	Yes	Yes	Nο
87287	bs	90	*C"	Yes	Yes	No.
67292	ts	90	-C	Yes	Yes	No
V. 272		20	~	, , ,	1	

Serial Number	<u>Model</u>	<u>Year</u>	Letter	Recall #147	Recall #148	<u> </u>
87283	ts.	9C	-c-	Yes	Yes	No
B7284	ts	90	"C"	Yes	Yes	Na
87285	ts.	90	*C"	Yes	Yes	No
87286	ts	90	*C"	Yes	Yes	No
87301	ts-	90	-c-	Yes	Yes	No
87302	ts-	90	¹C"	Yes	Yes	No
87303	t s	90	"Ç"	Yes	Yes	No
87319	ŧs	90	-C-	Yes	Yes	No
87320	ts:	90	-C"	Yes	Yes	Nα
87321	ts	90	"C"	Yes	Yes	No
87322	ts.	90	*C"	Yes	Yes	No
87339	ts	90	-C-	Yes	Ye5	No
87340	ts	90	*C*	Yes	Yes	No
87341	ts	90	*C*	aeY	Ycs	No
87342	ts	90	·c·	Yes	Yes	No
87357	ts	90	*C"	Yes	Yes	N□
67358	ts	90	°C"	Yes	Yes	No
87359	ts.	90	"C"	Yes	Yes	No
87360	ts	90	"C"	Yes	Yes	No
87378	ts	90	"G-	Yes	Yes	No
87379	ls	90	'C'	Yes	Yes	No
87380	ts	90	*C"	Yes	Yes	No
67381	ts	90	"C"	v _{es}	Yes	No
87 396	tb	90	"C"	Yos	Yes	No
87397	ts .	90	1C"	Yes	Yes	No
87398	ls	90	"Ċ"	Yes	Yes	No
87419	ls	90	.c.	Yes	Yes	No
87414	ts.	9 0	C.	Yes	Yes	No
87415	ts	80	·C.	Yes	Yes	No
87416	ts	90	.c.	Yes	Yes	No
87431	ts:	80	'C"	Yes	Yes	No
87432	ts:	90	.c.	Yes	Yes	Nυ
87433	ls:	90	•C'	Yes	Yes	No
67434	lts	90	*C^	Yes	Yes	No
87450	ts	90	·C'	Yes	Yes	No
87451	ts	90	'C"	Yes	Yes	No
87452	ts a	90	.c.	Yes	Yes	No
87468	1 6	90	*C"	Yes	Yes	No
87469	ts	90	.C.	Yes	Yes	No
87470	ts	90	°C"	Yes	Yes	Na
87471	t s	60	* C"	Yes	Yes	No
87487	ts:	90	+C*	Yes	Yes	No
87488	ts.	90	"C"	Yes	Yes	No
87489	ts.	80	.c.	Yes	Yes	No
87490	ts.	90	"C"	Yes	Yes	No
9750 6	þş	90	"C"	Yes	Yes	No.
87507	ts	90	.c.	Yes	Yes	No
87508	ts	90	*C*	Yes	Yes	No
87509	ts	90	"C"	Yes	Yes	No
87625	s	9 3	℃ "	Yes	Yes	No
87526	ts	90	*C"	Yes	Yes	No

Serial Mumber	Model	<u>Year</u>	<u>Letter</u>	Receil #147	Recall #148	Recall #149
875 27	ts	90	"G"	Yes	Yes	No
87528	ts	90	c.	Yes	Yes	No
87544	ts	90	.c.	Yes	Yes	No
87645	ts:	90	,Ċ,	Yes	Yes	No
87546	ts	90	"Ċ.	Yes	Yes	No
87547	ts	90	"C.	Yes	Yes	Na
87563	16-	90	.c.	Yes	Yes	No
87564	ts	90	·C'	Yes	Yes	No
97565	tε	90	.c.	Yes	Yos	Nο
87566	ts	90	1C1	Yes	Yes	™ 0
87572	tb	90	•Cr	Yes	Yes	No
87573	16	90	. C .	Yes	Yes	No
87574	tb	90	ъс.	Yes	Yes	No
87575	tb	90	*C"	Yes	∨es	No
87582	ts	90	"C"	Yes	Yes	No
87583	ts	90	"C"	Yés	Yes	No
87584	ts	90	°C	Yes	Yes	No
87535	ES	90	"C"	Yes	Yes	No
97604	ts	90	* ©"	Yes	Yes	No
87605	ts	90	tor	Yes	Yes	No
87606	ts	90	.C.	Yes	Yes	N¦o
87607	ts	90	"Ç*	Yes	Yes	No
87622	ь	90	"C"	Yes	Yes	No
87623	ts	90	°Ç"	Yes	Yes	No
87624	ts	90	"C"	Yes	Yes	No
87625	ts	D)	"C"	Yes	Yes	Na
87626	NS:	90	"Ç"	Yes	Yes	No
87641	ts:	90	*C*	Yes	Yes	Nα
87642	1S	90	°C"	Yes	Yes	No
67643	ts:	90	•c·	Yes	Yes	No
87644	to	90	°C"	Yes	Yes	No
87660	ts	90	"C"	Yes	Yes	No
87661	ts	90	TOT	Yes	Yes	No
87662	क	90	-C *	Ycs	Yes	No
87663	ts	90	"C"	Yes	Yes	No
87679	ts	90	"C"	Yes	Yes	No
87680	ts	90	r¢r	Yes	Yes	Na
87681	ts	90	⁺C"	Yes	Yes	No
87682	ts	90	TO"	Yes	Yes	No
87698	ts	90	°C"	Yes	Yes	Na
87 69 9	t s	90	.c.	Yes	Yes	No
87700	lts.	90	"Ç"	Yes	Yes	No
87701	ts	90	°G"	Yes	Yes	No
87718	ts	90	"G"	Yes	Yes	No
877 19	ts.	90	"C"	Yes	Yes	No
87720	's	90	"C"	Yes	Yes	No
87721	ts.	90	-C"	Yes	Yes	No
87736	ta	90	"C"	Yes	Yes	No
87737	ts	90	"C"	Yes	Yes	No
87738	ts	90	"C"	Yeş	Yos	No
87739	ts	90	"G"	Yes	Yes	No

Serial Number	Madel	Year	Letter	Recen#147	Recall #146	Recall #149	
87755	ts	90	ron	Yes	Yes	No	
87756	ts	90	°C°	Yes	Yes	No	
87767	ts	90	" C"	Yes	Yes	No	
8/774	ts	99	"C"	Yes	Yes	No	
87775	ts.	90	f Cr	Yes	Yes	No	
87776	ts	90	"¢"	Yes	Yes	Nο	
87793	ls,	90	"C"	Yes	Yes	No	
97794	ta	90	·O-	Yes	Уев	No	
87795	ts	90	÷\$**	Yes	Yes	No	
87812	tb	90	"C"	Yes	Yes	No	
87813	ts.	90	*C*	Yes	Yes	Na	
87814	ち	90	*C"	Yes	Yes	No	
87815	ta-	₽0	-C-	Yes	Yes	No	
87831	t ₅	90	.C.	Yes	Yes.	No	
A7832	ts	90	"C"	Yes	Yes	No	
87833	ts	90	"C"	Yes	Yes	No	
87834	ts.	90	*C"	Yes	Yes	No	
9787 6	B	90	°C"	Yes	Yes	No	
97877	ts	80	"C"	Yes	Yes	No	
8787A	ls.	90	"C"	Yes	Yes	No	
87879	ts.	90	10"	Yes	Yes	Nο	
87880	ts	80	-C-	Yes	Yes	No	
87668	tto-	90	"C"	Yes	Yes	No	
87966	ь	90	" O "	СИ	Yes .	No	
98050	⊭	90	• D •	No	Yes	No	
88177	#D	80	-0-	N ⊃	Yes	No	
1990 vehicles							
affected:				377	373	48	

1991 348 ts / tb

Serial Number	<u>Model</u>	<u> Уевг</u>	Letter	Recall #147	Recall #148	Becall #145	
87896	ts	91	* D *	No	Yes	No	
87897	ţs:	91	"D"	No	Yes	No	
87 8 98	ढ	91	* D *	No	Yes	No	

1990 Testarossa

Serial Number	Model	Xear	Letter	Receil #148	Serial Number	Model	<u>Year</u>	Letter	RecaR #148
\$5658	512	90	"E"	Yes	B6206	512	90	"E"	Yes
85650	512	90	κΕ -	No	86207	512	90	- <u>-</u> -	Yes
85661	512	90	-E -	No	86222	512	90	- - Z -	Yes
85678	512	90	" E"	Yes	86224	512	90	•E•	
85679 85680	512	90	"E"	Yes					Yes Yes
85698	512 512	90 90	"E"	Yes	86227	512	90	"E"	Yes
85699	512	90	ξ.	Yos Yes	\$624 2	512	90	"E"	Yes
85717	512	90	•Ē•	Y#6	66244	512	90	Æ.	Yes
85721	512	90	"E"	Yes	86261	512	90	"E"	Yes
85737	512	90	"E"	Yes	86265	512	80	-E-	Yes
85 77 4 85777	512	90	"E"	Yes	96300	512	90	•E-	Yes
85795	512 512	90 90	"E"	Yes Yes	96318	612	90	∙ E"	Yes
85796	512	90	•E^	Yes	86322	512	90	" E"	Yes
85799	512	90	-Ē,	Yes	86335	512	90	"E"	Yes
858 16	512	90	·E·	Yee	86354	512	90	-E-	Yes
85819	512	90	"E"	Yes	86508	512	90	•E⁴	Yes
958 36	512	90	E.	Yes	86509	512	90	" ["	Yes
85637 85862	512 512	90 90	"E"	Yes No				"E"	
85 9 63	512	90	# E *	No	86766	512	90		Yes
85881	512	90	-Έ'	No	86767	512	90	"E"	Yos
85884	512	90	'Е "	Nο	86853	512	90	E.,	Yes
85901	512	90	"E"	Nφ	<i>2</i> 6964	512	90	"Ë "	Yes
R5923	512	80	" E"	No	06865	512	90	4 <u>E</u> -	Yes
85938	512	90	"E"	No	86957	512	90	"E "	Yes
85941	512	90	Έ'	No	86960	512	90	* E"	Yes
85942	512	90	Έ'	Na	86975	512	90	°E"	Yes
85955	512	90	°E′	No	86977	512	90	°E°	Yes
85976	512	90	·Ε·	No	8699 5	512	90	4 E-	Y€s
85978	512	90	Æ.	No	86997	512	90	'E "	Yes
85997	512	90	.E.	No	87012	512	90	ªË"	Yes
85990	512	90	E.	Nc	B7013	512	90	- 'E'	Yes
86018	512	90	Έ"	No	87014	512	90	-E.	Yes
86031	512	90	E,	No	87096				
86032	512	90	"Е"	Na		512	90	E'	Yes
B6051	512	90	•E"		87097	512	90	•Ē,	Yes
06053				No	87098	512	90	"E"	Yes
	512	90	*E*	No	87099	512	90	"E"	Yes
86070	512	90	¹ E⁻	No	87100	512	90	"E.	Yes
86089	512	90	•E⁻	Yea	87113	512	90	E.	Yes
86090	512	90	Æ.	No	87114	512	90	Æ.	Yes
86092	512	90	1E-	No	87115	512	90	1E"	Yes
86093	512	90	'E"	No	87116	512	90	¹ E ′	Yes
96 111	512	90	"E"	No	87117	512	90	'E"	Yes
96165	512	90	<u>"="</u>	No	87118	512	90	' E"	Yes
86166	512	90	* ≝"	No	87132	512	90	' E"	Yes
85170	512	90	-E -	No	87134		90	'E"	Yes
86180	512	90	E.	No	87135		90	Έ°	Yes
66183	512	90	Έ°	No					
66184	512	9C	•Ĕ-	No	87136		90	Æ'	Yos
88186	512		۰Ę.				90	.E.	Yes
		90		No		512	90	- F"	Yes
96202 96204	512	90	"E"	Yes			90	Æ.	Yes
96204	512	90	"E"	Yes			90	1 E″	Yes
86205	512	90	-F-	Yes	87232	512	90	E"	Yes

1991 Testarossa

Serial Number	Model	Your	Letter	Recall #148	Serial Number	Model	<u>Year</u>	Letter	Recell #148
87233	512	90	Æ.	Yes	66355	512	91	•E^	Yes
87234	512	90	•E^	Yes	86356	512	91	*E"	Yes
87235	512	90	•É•	Yes	86372	512	91	~E*	Yes
87236	512	90	"E"	Yes	96374	512	91	"E"	Yes
87250	512	90	"E"	Yes	86376	512	₽1	4ǰ	Ves
87251	512	90	"E"	Yes	86397	512	91	•E"	Yes,
87252	512	90	-E.	Yes	88411	512	91	"E"	Yes
67253	512	90	•E•	Yes	85414	512	91	"E"	Yes
87254	512	90	•E"	Yes	86416	512	91	-E"	Yes
87255	512	90	-E "	Yes	86432	512	91	E"	Yes
87289	512	90	"E.	Yes	8643 6	512	91	"E"	Yes
672 7 0	512	90	"E"	Yos	86437	512	នូវ	"Ë"	Yes
87271	512	90	E"	Yes	86452	512	⊋1	'E"	Yes
87272	512	90	ª E⁺	Yes	86453	512	91	"E"	Yes
87273	512	90	" 臣"	Yes	96454	612	91	"E"	Yes
87274	512	90	* €"	Yes	86455	512	91	"E"	Yes
87299	512	90	*E"	Yes	B6466	512	91	"É"	Yes
87290	512	90	"E"	Yes	86457	5:.2	91	^E^	Yes
87291	512	90	" E"	Yes	86458	512	91	"E"	Yes
87292	512	90	•E"	Yes	86471	512	91	"E"	Yes
87293	512	90	#E.	Yes	86472	512	91	•E^	Yes
87968	512	90	"E"	Yes	86473	512	91	٩Ę٦	Yes
					86474	5)2	91	-E.	Yes.
1990 Vehicles					86490	512	91	E.	Yes
Affected:	94				86491	512	91	1 E1	Yes
					86492	512	91	* E'	Yeş
					86493	512	91	.E.	Yes
					86494	512	91	.Е.	Yes
					86495	512	91	-Ε,	Yes
					86797	512	61	E.	Yes
					86739	512	91	E.	Yes
					86739	512	91	• Ę′	Yes
					95740	512	91	Ē,	Yes
					86741	512	91	E.	Yes
					86742	512	91	£`	Yes
					86747	512	9 1	Æ,	Yes
					86748	512	91	"E"	Yes
					86749	612	91	-E-	Yes
					86750	512	91	,E,	Yes
					86751	512	91	·E'	Yes
					86752	512	01	"E"	Yes
					86755	512	91	"E"	Yes
					86756	512	91	'E'	Yes
					86757	512	91	"E"	Yes
					86758	512	91	-E'	Yes
					86759		91	E"	Yes
					86760	512	91	E'	Yes
					8 6764	512	91	"E"	Yes

Serial Number	Model	<u>Year</u>	Letter	Recall #148	Serial Number	Model	Year	Letter	<u> Flocati #148</u>
86765	512	91	≝E*	Yes	87403	512	gt.	" E"	Yes
83824	512	91	"E"	Yes	87404	512	91	·E·	Yes
86825	512	91	-E-	Yes	87405	512	91	"E"	Yes
85826	512	91	^E"	Yes	87406	5.5	91	٩Ē"	Yes
86827	512	91	"E"	Yes	87407	512	91	"≣"	Yes
868\$0	512	91	-€"	Yes	87400	512	91	-E"	No
86831	512	91	Έ"	Yes	87409	512	91	"E"	Yes
86832	512	91	"E"	Yes	87410	512	91	" E⁻	No
86833	512	91	"E"	Yes	87423	512	91	"E"	Yes
86834	512	91	-E"	Yes	87424	512	91	*E"	Yes
86835	512	91	"E"	Yes	87425	512	91	•E•	Yes
86836	512	91	-Έ-	Yes	87426	512	91	"Е "	Yes
86841	512	91	"Е "	Yes	87427	\$12	91	"E"	No
86842	5 ∹2	91	"E"	Yes	87481	512	91	"E"	Ye⊳
86843	5:2	91	" -	Yes	87482	512	91	"E"	No
86844	512	91	"E"	Yes	87483	512	91	"É"	Yes
86845	5t2	91	PE-	Yes					
86846	512	91	FE"	Yes	1991 Vehicles				
86860	512	91	" E"	Yes	Affected:	108			
86861	512	91	E*	Yes					
86862	512	91	-€ -	Yes					
86955	512	91	⁴E"	Yes					
86956	512	91	" E"	Yes					
86958	512	91	•E-	Yes					
86959	512	91	. €.	Yes					
86974	512	91	"E"	Yes					
86976	512	91	*E-	Yes					
86976	512	91	E	Yes					
86979	512	91	-E-	Yes					
86993	512	91	Æ.	Yes					
86994	512	91	"E"	Yes					
86996	512	91	" ₹"	Yes					
66998	512	91	Æ"	Yes					
87015	512	91	"E"	Yes					
87095	512	91	"E.	Yes					
87131	512	91	"E"	Yes					
87133	512	91	" E'	Yes					
87139	512	91	E,	Yes					
87294	512	91	Æ.	Yes					
67369	512	91	"E"	Yés					
87370	512	91	"E"	Yes					
67371 87202	512	91	•E'	Yes					
87383 97404	512	91 61	E,	Yes					
87384	512	61 01	"E"	Yes					
67385 87300	512	81 04	Έ'	Yes					
87386 87307	512	91	Æ.	Yes					
87387 N.7389	512 512	91	Æ.	No Yor					
87388 87402	512 513	91	'E' ⁴F"	Yes					
87402	512	91	-	Yes					

1989 Mondial t

Serial Number	Model	Year	Letter	Rocall #147	Recall #149
81342	cpe	89	"F "	Yes	No
61374	cab	89	"F "	Yes	No
81380	cab	89	"F "	Yes	No
81390	deb	89	" F"	Yes	No
81396 81481	cab cab	89 89	Æ.	Yes Yes	No No
81487	can	89	~ = ~	Yes	N _O
81490	dbe.	89	۳	Yes	No
81504	cpe:	89	"F"	Yes	No
81514	сро	89	"F"	Yes	No
61515	сар	83	F-	Yes	Nφ
81520	cbe	69	" F" -=-	Yes	No
81534 81545	cab cab	89 89	P==	Yes Yes	No No
81551	cab	89	4E*	v _{es}	No
81563	cap	89	-F:-	Yos	No
81575	фэ	89	٩F"	Yes	No
81598	cab	89	- F"	Yes	No
81598	cab	89	-Fr	Yes	No
81 6 05	dos	89	"F"	Yes	No
81611	cab	86	"F"	Yes	Na Na
81629 81661	cab cab	89 89	• F•	Yes Yes	No No
81757	යන	89	4E~	Yes	No
81774	cab	89	- }=-	Yes	No
81791	cpe	89	⁺F '	Yes	No
81801	cpe	89	•F•	Yes	No
81802	Сре	89	H E-	3eY	No
81809	cab	89	~F-	Yes	No
81815	фре	89	°F°	Yes	No
81620			• = ="		
	rbe	89		Yes	No.
81821	⇔e	89	r j en	Yes	No
81822	c po	80	*F*	Yes	No
81834	cpe	89	°F"	Yes	Pka
81835	rpe	89	۰Ł.	Yes	No
81844	cab	89	"F"	Yes	No
81850	cab	89	*F"	Yes	No
81061	coe	89	*Fr	Yes	No
81662	-	89		Yes	No
	cpe		F.		
91876	Cab	B 9	"F"	Yes	No
81680	¢ab	R5	-}	Үеь	No
81881	cab	89	°F″	Yos	No
81883	cab	59	•ድ•	Yes	No
81885	CAP	89	"F"	Yes	Na
81896	cab	89	F-	Yes	No
81899	cab	89	7 ; "	Yes	No
81900	cab	89	*F*	Yes	No
81901	cab	89	*#-	Yes	No
81902	cab	89	•F"	Yes	Nc
			r ∸F"		
81909	oab 	89	•	Yos	No
B1914	cap.	88	"F"	Yes	No
81916	сре	69	"E	Yes	No
81917	cab	89	"F"	Yes	No
81920	cab	89	•F°	Yas	No
61923	cab	8 9	٠ <u>-</u> -	Yes	No
81936	cab	89	*F	Yes	No

Serial Number	Model	<u>Year</u>	Letter	Recall #147	Recall #14
81939	cab	89	*F*	Yes	Nc
81943	cab	89	·F·	Yes	No
81947	cab	29	₽F"	Yes	No
61955	çab	89	-F■	Yes	No
61958	cab	89	*F*	Yes	No
819 59	¢ab	89	.E.	Yes	No
81963	cab	89	٥Þ	Yes	No
81964	cab	89	*F*	Yas	No
91 968	dso	89	"F"	Y 65	No
81973	cab	89	" F"	Yes	No
81973	cab	89	"F.	Yes	No
81974	сре	£ 9	*F	Yes	No
81975	cab	89	*F*	Yes	No
B1976	cab	89	-F.	Yes	No
91980	сре	89	°F'	Yes	No
31984	cab	89	"F"	Yes	No
81987	cab	89	-F-	Yes	No
81990	cah	89	·F'	Yes	No
81991	çab	89	-F·	Yes	No
81993	cab	69	F'	Yes	No
81998	cab	80	≝F*	Yes	No
82012	cab	89	" F"	Yes	No
82016	сре	89	'F"	Yes	No
82019	cab	89	• F -	Yes	No
82022	cab	89	°F"	Yes	No
82032	cab	89	κΕ"	Yes	No
82035	cab	89	·F·	Yes	Nο
82040	cab	89	·F	Yes	No
82043	cab	8 9	T.	Yes	No
82052	cab	89	"F"	Yes	No
62056	çab	89	ቸ"	Yes	No
82059	cpe	89	*F*	Yes	No
82061	сар	8 9	°F"	Yes	No
62070	cab	89	*F*	Yes	No
82073	cab	89	-F-	Yes	No
82077	cab	89	-F-	Yos	No
82083	cab	86	°F*	Yos	No
82090	cab	89	- 	Yes	No
82093	cab	89	"F"	Yes	No
82097	coe	89	•F•	Yes	No
82100	cab	69	F	Yes	No
82111	cab	89	# E "	Yes	No
82114	cab	89	-F-	Yes	No
82118	cab	89	•F-	Yes	No
R2121	cab	89	°F	Yes	No
82131	cab	89	"F"	Yes	No
82134	cab	89	•F-	Yes	No
82136	сре	69	÷	Yes	No.
82139	cab	89	e-	Yes	No
8 2 142	cab	89	"Fr	Yes	No
82154	cab	89	*F"	Yes	No
82156	cpe	89	°F	Yes	Na
VE 100	-pa		•	14774	NU

Serial Number	Model	<u>Year</u>	<u>Le</u> tter	<u>Recall #147</u>	Rocall #143
92159	cab	89	٠F٠	Yes	No
82162	cab	89	•F•	Yes	No
82165	cab	89	•F*	Yes	No
82172	cab	8 9	•F•	Yes	No
02176	¢ab	89	*F*	Yes	No
82182	cab	89	*F*	Yos	No
82195	cab	89	"F "	Yes	No
82198	cab	89	"- "	Yos	No
82200	cpe	89	"F "	Yes	No
82203	cab	89	+F *	Yes	No
82215	cab	89	"F"	Yes	No.
£221 B	cab	69	"F"	∨ 98	No
822 22	cab	89	- F"	Yes	Nφ
02226	cab	89	*5"	Yes	No
82235	cab	89	*F*	Yes	No
B2 238	¢ab	89	⁴ F"	Yes	No
82242	cpe	89	-F-	Yes	No
82246	¢ab	89	*F"	Yes	No
82255	Cab	89	"F "	Yos	Nα
82257	cab	89	F.	Yes	No
82262	cab	89	¹F*	Yes	No
82266	cab	80	" F"	Yes	No
82275	¢ab	89	*F°	Yes	No
82279	cab	89	*F*	Yes	Nα
82283	Çali	89	"F"	Yes	No
82287	¢pe	89	"F"	Yes	No
82295	çab	89	"F"	Yes	No
82299	cab	6 9	" F"	Yes	Na
82303	cab	B9	·F·	Yes	No
82307	cab	80	·F	Yes	No
82315	cab	89	fr"	Yes	No
82319	Оре	69	*F"	Y∌ş	Na
82323	cab	39	*F"	Yes	Nο
82327	¢ab	89	*F*	Y aç	No
82334	cab	89	•F°	Yes	No
82338	cab	89	"F"	Yes	No
82341	cab	89	"F"	Yes	No
82344	cab	89	-F-	Yes	No
82348	¢зЬ	89	°F	Yes	No
82351	Сре	89	"F"	Yes	No
82354	cab	89	F.	Yes	No
82357	Cab	89	F	Yes	No
82364	cab	89	۴F۲	Yes	Na
82367	cab	89	·Þ.	Yes	No
82370	cab	\$₽	'F'	Yes	No
82373	cah	69	*F"	Yes	No
82378	cab	89	- F"	Yes	No
62361	¢pe	89	* F°	Yes	No
92384	¢ab	69	•F°	Yes	No
82388	Cab	89	"F"	Yes	No
82394	cab	89	F	Yes	No
82397	cab	6 9	-F-	Yes	No

Serial Number	Model	<u>Year</u>	<u>Letter</u>	Recall #147	Resall #140
82401	çab	89	4Fn	Yes	No
82405	çab	89	" F"	Yes	No
82408	çab	89	"F"	Yes	No
82412	cab	89	"F"	Yes	Na
82416	фe	89	F	Yes	Nο
82420	cab	89	"F"	Yes	No
92424	cab	89	•F-	Yos	No
82428	cab	89	" F"	Y95	No
82431	cab	89	·F·	Yas	Na
82434	cab	89	F.	Yes	No
82438	cab	89	٦٤٠	Yes	No
82442	cab	89	" F"	Yes	N₀
82445	сре	89	"F"	Yes	No
82447	ceh.	B(3	°F"	Yes	٧o
82451	cab	89	F	Yes	No
82455	cab	89	"F"	Yes	No
92458	cab	88	- F-"	Yes	No
82462	çab	89	*F"	Yes	No
82466	cab	89	-F-	Yes	No
82472	cab	89	F -	Yes	N□
82475	cpe	89	"F	Yes	No
82479	cab	89	"F	Yes	No
82483	cab	89	-F"	Yes	No
82490	cab	69	·F-	Yes	No
82494	cap	89	٠F٠	Yos	No
82498	cab	89	"F"	Yes	No
92502	CBD	89	-F:-	Yes	No
82508	cab	89	-F -	Yes	No
82511	cab	89	'F '	Yes	No
82515	сре	89	ኍ ′	Yes	Na
82519	cab	89	' F '	Yes	No
82523	cab	89	·F·	Yes	No
82527	cab	89	-F	Yes	No
82520	cab	80	"F"	Ycs	No
82533	cab	89	·F·	Yes	No
82 539	cab	89	·F"	Yes	No
82543	cab	8 9	·F·	Yes	No
82547	cpe	69	-F-	Yes	No
82550	cab	69	fr"	Yes	No
82553	сре	89	'F"	Yes	No
82559	cap	80	·F*	Yes	No
82563	cab	89	•F⁺	Yes	Na
82567	cab	89	⁺ F'	Yes	Na
82571	cab	09	- [-	Yes	No
82574	сре	89	"F"	Yes	No
82580	cpe	89	"F "	Yes	No
82583	cpe	89	1 F"	Yes	No
82587	сре	89	F	Yes	No
1989 Vehicles					
Affected:		¢	Jefohde	166	<u>TOTAL</u>
			Coupe	42	208

The state of the s

<u>1990 Mondial t</u>

Serial Number	Model	<u>Year</u>	Letter.	Recall #147	Recall #148
84665	cab	90	-F-	Yes	рю
85307	cab	90	۴F	Yes	na.
85380	cab	90	"F"	Yes	no
85439	cab	90	" F "	Yes	no
85537	cab	90	-F ⁴	Yes	no
85558	dED	90	*F*	Yos	ne
85573	cab	90	Æ-	Yes	no
85615	cab	90	*F "	Yes	no
85674	cab	90	°F°	Yes	no
85714	cab	90	°F"	Yes	no
85771	сав	90	-F-	Yes	no
85831	çab	90	*F"	Yes	no
85868	сар	90	۴F"	Yes	no
85927	çab	90	"G "	Yes	Yes
85966	cab	90	"G"	Yes	Yes
86079	cab	90	"G"	Yes	Yes
86115	çab	90	•G*	Yes	Yes
86152	cab	90	"G"	Yes	Yes
86190	cab	90	"G"	Yes	Yes
86247	cab	90	"G"	Yes	Yes
88306	cab	90	"G"	Yes	8oY
86364	cab	90	.G.	Yes	Yes
86423	cab	90	*G*	Yes	Yes
86441	cab	90	"G"	Yes	Yes
86463	cab	90	"G"	Yes	Yes
66480	cab	90	"G"	Yes	Ycs
86500	çab	90	"G"	YBS	Yes
86520	cab	90	"G"	Yes	Yes
86551	cab	90	"G"	Yes	Yes
86570	çab	90	"G"	Yes	Yes
66589	сяр	90	·G·	Yes	Yes
86628	cab	90	"G"	Yes	Yes
88647	cab	90	·G·	Yes	Yes
86666	cab	90	*G"	Yes	Yes
86667	cab	90	"G"	Yes	Yes
86688	cab	90	°G"	Yes	Y e s
86704	cab	90	" G"	Yes	Yes
86716	cab	90	" G"	Yes	Yes;
86734	cab	90	"G"	Yes	Yes
86753	cab	90	'G'	Yes	Yes
86771	cab	90	"G"	Yes	Yes
86791	cab	90	*G*	Yes	Yes
86810	cab	90	" G"	Yes	Yes
86829	cab	90	"G"	Yes	Yos
86848	çab	90	" G"	Yes	Yes
86866	cab	80	·G·	Yes	Yes
86894	cab	90	G.	Yes	Yes
86914	cab	90	"G"	Yes	Ye3
86 934	des	90	' G'	Yes	Yes
86950	cab	\$ 0	G.	Yes	Yes

<u>Serial Number</u>	Model	<u>Year</u>	Letter	Recall #147	<i>Rocall #</i> 148
8695 I	cab	90	°6*	Yes	Yes
86971	cab	90	*G"	Yes	Yes
86990	cab	90	·G°	Yes	Yes
87009	çab	90	" G"	Yes	Yes
87010	cab	90	"G"	Yes	Yes
87027	cab	90	"G*	'Yes	Yes
87028	çab	90	"G"	Yes	Yes
87029	cab	90	"Q"	Yes	Yes
87047	cab	90	"G"	Yes	Yes
87065	cab	90	"G"	Yes	Yes
87084	cap	90	" G"	Yes	Yes
97102	cab	90	•G"	Yes	Yes
87121	cab	90	•G"	Yos	Yes
87142	cab	90	*G"	Yes	Yes
97160	cab	90	·G·	Yes	Yes
87198	cab	90	"G"	Yes	Yes
87218		90	"G"	Yes	Yes
87238	cab	30	•G-	Yes	Yes
87257	cab	90	.c.	Yas	Yes
	cab	90	"G"	Yes	Yes
87276	cab	90	"Ġ₹	Yes	Yes
87295	cab esb		"G"		Yes
87352 87362	cab	90		Yes	Yas
87309	cab	90	-G-	Yes Yes	Yes
87429	c≥b	90	"G"		
87446	cab	90	"G"	Yes	Yes
67467	csb	90	"G"	Yes	Yes V
87486	cab	90	*G"	Yes	Yes
87505	cab	90	*G"	Yes	Yes
87524	cab	90	"G"	Yes	ves
87543	çab	90	•G"	Yes	ves.
87 56 2	cab	90	" G"	Yes	Yes
87728	cab	90	"G"	Yes	Yes
87745	cab	90	•G-	Yes	Yes
87747	cab	90	"G '	Yes	Yes
87761	cab	90	-G'	Yeв	Yes
87782	cab	90	"G"	Yes	Yes
87802	cab	90	"G"	Yos	Yes
87819	cab	90	"Ğ"	Yes	Yes
87838	cab	90	"Ġ"	Yes	Yes
87855	çæb	90	"G"	Yes	Yes
87872	cab	90	" G"	Yes	Yes
87893	cab	90	*G"	Yos	Yes
87908	cab	90	1G"	Yes	Yes
87930	CRID	90	None	No	No
87949	cab	90	None	No	No
87970	cab	80	None	No	No
87991	cab	90	None	Na	No
88008	cab	90	None	No	No
1990 Vehicles					
Affected:				93	80

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Certified Mail
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JUN 3 1997

CERTIFIED MAIL RETURN RECEIPT REQUESTED

Mr. Kenneth W. McCay Technical Director Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632

Dear Mr. McCay:

This acknowledges receipt of your Defect Information Report on motor vehicles submitted in accordance with 49 CFR Part 573, "Defect and Noncompliance Reports."

RECALL CAMPAIGN INFORMATION

NHTSA Recall Campaign ID Number: 92V-071

(Please refer to this number in all future correspondence.)

NHTSA Contact: Jonathan D. White, Chief • Telephone: (202) 366-5227

Technical Analysis Branch

Date of Letter: May 11, 1992

Number of Vehicles Recalled: 812 Ferrari Mondial T and 348 TS/TB model year 1989 and 1990 vehicles manufactured from July 1989 through December 1990.

Defect: The aluminum fuel line fittings on certain fuel injection lines can corrode causing breakage of the fuel line fittings and resulting in fuel leakage.

NEF-111paw 92V-071 AND STUBOL

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DATE.

ADDITIONAL INFORMATION REQUIRED

In order for us to complete our file on this matter, please provide the following additional information:

Under Part 573.5(c)(8), we request that Ferrari identify and describe how the remedial program will be conducted. It is otherwise assumed that this recall shall begin nationally, and uniformly, within 30 calendar days. We request that Ferrari provide a proposed schedule for the implementation of this recall. The schedule should include, but not be limited to, the date the manufacturer press release to the media will be published, the date(s) of notification to distributors and dealers/retailers, and the date(s) of notification to purchasers. Identify the date on which parts necessary for remedy of this recall will be available. The schedule must also include an explanation for any delay in the implementation of this recall.

Please provide this information, referencing the National Highway Traffic Safety Administration identification codes, to this office **by July 2, 1992**. A copy of a Defect/Noncompliance Information Report guide is enclosed to assist in providing this information in the future.

Ferrari is responsible for the remedy of these vehicles from this date forward, regardless of vehicle age, mileage, 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.

NOTIFICATION TO PURCHASERS

This office reviews all documents concerning a safety recall campaign. The notification letter to purchasers of all recalled vehicles or items of motor vehicle equipment is required by Section 153 of the Act and Part 577.

Part 577.5(c) requires that the manufacturer who has determined a safety defect/noncompliance exists in his vehicles or items of equipment must state that the defect or noncompliance does exist in his vehicles or items of vehicle equipment specifically using one of the two sentences provided in Part 577.5(c) as appropriate. You cannot state that the defect or noncompliance "may" exist (or use any other similar word such as could, might, can, etc.). The word "may" implies that the defect may not exist on any of the vehicles and is considered to be a disclaimer specifically prohibited by Part 577.8(a). Stating that the safety defect exists in certain vehicles or items of equipment as discussed in Part 577.5(d) is permissible.

Telephone Numbers for the Auto Safety Hotline:

The telephone number for the Auto Safety Hotline must be given as required by Part 577.5(g)(1)(vii). However, the correct telephone numbers for the Hotline are: (800) 424-9393 nationally, and (202) 366-0123 for Washington, DC area residents. These numbers are to be used in the notification for this recall and any future safety recall notification.

QUARTERLY STATUS REPORTS

The first quarterly status report for this campaign, as required in Part 573.6, is required to be submitted within 25 working days after the close of the calendar quarter in which notification to purchasers begins. For instance, the current calendar quarter ends on June 30, 1992, and the first quarterly report for recalls where owner notification begins in this quarter is due by August 4, 1992. A Quarterly Report Quide is enclosed to assist in providing the information.

<u>For the first quarterly report</u>, we request that Ferrari identify the number of vehicles which were returned or otherwise remedied prior to sale to owners.

Quarterly reports are due for the first 6 consecutive quarters once owner notification has begun. In the case where the recall appears to be completed, quarterly reporting is required until your company is notified otherwise by this office. Each report is due within 25 working days after the close of the respective quarter.

Sincerely,

101

James P. Talentino, Chief Defect Identification Division Office of Defects Investigation Enforcement

Enclosures:

Defect/Noncompliance Information Report Guide Quarterly Report Guide

NHTSA:NEF:ODI

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Assign to: Powertraintee: NEF-01, NEF-10, NEF-11:JPTalentino NEF-111 Subj/Working/Chron File--Document #L:\patw\92v071.ack

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626

no. 632

92**V-**071 (1)

May 11, 1992

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

Dear Director:

Please find herewith enclosed Vehicle Safety Defect Initial Information Reports with respect to three Recall Campaigns which we are initiating in order to correct the following.

On vehicles with Vehicle Identification Number lower than 88386, the aluminum fuel line fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.



The corrective action will require approximately 1.5 hours.

For the above campaign, it is our intention to notify the Ferrari Dealers with a comprehensive letter explaining the remedy; furthermore it is our intention to notify each vehicle owner with a single letter mentioning the recall modification required.

Draft copies of the letters that Ferrari North America, Inc. will send to the owners and to the Ferrari Dealers along with the technical instructions will be submitted to your office by may 15, 1992.

Yours truly,

Kenneth W. McCay Technical Director Ferrari North America, Inc.

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

VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT

348 ts/tb & Mondiai t - Fuel injection lines Recall No. 147

A) DESCRIPTION OF DEFECT:

On vehicles with Vehicle identification Number lower than 88386 , the aluminum fuel line fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage.

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

As a result of extended durability testing, Ferrari S.p.A. discovered that the aluminum fittings on certain fuel injection lines may corrode if exposed extreme environmental conditions.

C) MEASURES TO BE TAKEN TO REPAIR VEHICLE:

The remedy consists in the replacement of the four fuel injection lines with modified fuel lines which are now constructed with a corrosion resistant coating to prevent fuel line surface corrosion. The operation is free-of-charge for the vehicle owner, and will require approximately .80 hours for 348 ts/tb and 1.2 hours for Mondial t coupe and cabriotet.

ESTIMATED INITIATION OF CORRECTIVE ACTION: JUNE 1992

VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT

Fuel injection lines

Recall No. 147

Date submitted: May 14, 1992

Date received: May 11, 1992 Campaign No. : 147

Campaign Date: June 1992

ENCLOSED MFG. DATES

MAKE	MODEL	MODEL YEAR	NO. OF VEHICLES	FROM	IHROUGH	OTHER VEHICLE
FERRARI	348 TS / TB	1989	134	JULY 1989	JAN. 1990	
FERHARI	MONDIAL T CPE / CAB	1989	208	MAY 1989	AUG. 1989	
FERRAR	348 TS / TB	1990	377	MAR. 1990	DEC. 1990	
FERRARI	MONDIAL T CAB	1990	93	FEB. 1990	DEC. 1990	

Ferrari

Ferreri North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626 REGENTER SPACE 12 11 2120 TOTAL SEED ACTION

92**V**-071 🕕

May 11, 1992.

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

Dear Director:

Fire all assessed

Please find herewith enclosed Vehicle Safety Defect Initial Information Reports with respect to three Recall Campaigns which we are initiating in order to correct the following.

On vehicles with Vehicle Identification Number lower than 88386, the aluminum fuel line fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.



The corrective action will require approximately 1.5 hours.

For the above campaign, it is our intention to notify the Ferrari Dealers with a comprehensive letter explaining the remedy; furthermore it is our intention to notify each vehicle owner with a single letter mentioning the recall modification required.

Draft copies of the letters that Ferrari North America, Inc. will send to the owners and to the Ferrari Dealers along with the technical instructions will be submitted to your office by may 15, 1992.

Yours truly,

Kenneth W. McCay Technical Director

Ferrari North America, Inc.

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- LEWIST:

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

VEHICLE SAFETY DEFECT INTIAL INFORMATION REPORT

348 ts/tb & Mondial t - Fuel injection lines Recall No. 147

A) DESCRIPTION OF DEFECT:

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

As a result of extended durability testing, Ferrari S.p.A. discovered that the aluminum fittings on certain fuel injection lines may corrode if exposed extreme enviromental conditions.

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The remedy consists in the replacement of the four fuel injection lines with modified fuel lines which are now constructed with a corrosion resistant coating to prevent fuel line surface corrosion. The operation is free-of-charge for the vehicle owner, and will require approximately .80 hours for 348 ts/tb and 1.2 hours for Mondial t coupe and cabriolet.

ESTIMATED INITIATION OF CORRECTIVE ACTION: JUNE 1992

VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT

Fuel injection lines

Recall No. 147

Date submitted: May 14, 1992

Date received: May 11, 1992

Campaign No.:

147

Campaign Date: June 1992

ENCLOSED MFG. DATES

OTHER VEHICLE IDENTIFICATION				
IHROUGH	JAN. 1990	AUG. 1989	DEC. 1990	DEC. 1990
EBOM	JULY 1989	MAY 1989	MAR. 1990	FEB. 1990
NO. OF VEHICLES	134	208	377	93
MODEL	1989	1989	1990	1990
MODEL	348 TS / TB	MONDIAL T CPE / CAB	348 TS / TB	MONDIAL T CAB
MAKE	FERRARI	FERRARI	FERRAR	FERRARI

<u>Ferrari</u>

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Ciiffs, NJ 07832 201-816-2600 TLX: 248021

TLX: 248021 FAX: 201-816-2626



May 15, 1992

Mr. William A. Bochly Associate Administrator National Highway Traffic Safety Administration Washington, D.C. 20590

SUBJECT: Recall campaign no. 92V-071, 92V-072, and 92V-073

Dear Director:

We are, in receipt of your telefax of May 14, 1992, acknowledging receipt of Ferrari's initial defect notification. We are forwarding today to your attention under separate cover (Federal express), the following documents for your review regarding the above mentioned Recall campaign:

Letter of notification for Ferrari Authorized Dealers.

Letters to Ferrari Owners.

Technical instructions for performing remedies.

Administration instructions for Authorized dealer reimbursement.

The scheduled dates for implementation of the above recall campaigns are planned as follows:

- Availability of required spare parts an initial supply of the required spare parts will
 be shipped the week of June 1, 1992 to each authorized dealer.
- Recall booklet for dealer which includes the letter to dealer, letter to vehicle owner, and Technical / Administrative procedures will be sent the week of June 1, 1992.
- Ferrari North America Technical managers will contact each Service department at all United States Ferrari authorized dealers, advising them of the recall campaign.
 This will be done the week of June 1, 1992.
- Letters to Ferrari owners will be mailed from Monday June 15, 1992 to June 30, 1992.

Please advise us of any changes or modifications you may find necessary after your review.

Yours truly.

Kenneth W. McCay Technical Director

Ferrari North America, Inc.

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REF. NO. 147
FUEL INJECTION LINES

REF. NO. 148
UPPER STEERING COLUMN
LOCKNUT

REF. NO. 149
STEERING BOX EXTENSION
FASTENER

JUNE 1992

READ, INITIAL »
AND PASS ON

Service Manager Parts Manag	er Service Writer	Tachnician	Warrenty Clerk

Post No. 3716

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Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07532 201-616-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1989, 1990 and 1991 model year Ferrari vehicles.

- On 348 ts/tb and Mondial t vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoriced, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/th, Mondial t, and Testarossa vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the steering box extension fastener may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Instructions for performing the necessary remedies are herewith enclosed. The corrective action will require approximately 1.5 hours.

Accordingly, we have sent notices to all owners of the potentially affected vehicles advising them of these problems and requesting that they contact any authorized Ferrari dealer for the necessary repairs, as per the attached notification letter.

Cont	 	





Upon receipt of the campaign notice properly signed by the customer and by you or your authorized representative, we will, of course, reimburse you for the labor and applicable parts expended in carrying out these campaigns.

Obviously, if you have any of the 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. Very truly yours,

Kenneth McCay Technical Director Ferrari North America, Inc.

RECALL CAMPAIGN NO. 147

INTRODUCTION - Fuel injection lines

SUBJECT: Recall Campaign No. 147

Ferrari 348 ts/tb - Mondial t Models - Fuel injection lines

VEHICLES: All Ferrari 348 ts/tb and Mondial t Models with the following

serial number ranges:

- Ferrari 348 ts/tb, Model Year 1989 and 1990, starting from serial

number 82277 up to serial number 87888 included.

Ferrari Mondial t coupe and cabriolet, Model Year 1989 and 1990,

starting from serial number 81342 up to serial number 87908

included.

CONDITION: The aluminum fuel line fittings on certain fuel Injection lines may

corrode under extreme environmental conditions. Should such condition remain unoticed, the result could be breakage of the aluminum

fuel line fitting resulting in fuel leakage.

REMEDY: Replacement of the Fuel injection system lines "A & B" with the

modified fuel lines (shown on Fig 1, page 6).

PARTS: Quantities required for each vehicle and identification of the new Fuel

lines with the new part numbers, are shown on the Parts List Table

"A" on Page 8). The new part fittings are now aluminum with a non-

corrosive coating.

COST: a) An initial supply of new fuel lines will be shipped to your

dealership. Your parts account will be charged accordingly. The Table on page 8 indicates the part numbers and quantity required per

vehicle.

b) Additional fuel return lines can be ordered from the Ferrari

North America Parts Department in Englewood Cliffs, New

Jersey.

LABOR: Operation No. 14

Time 348 ts/tb - 0.8 hours

Mondial t - 1.2 hours

RECALL CAMPAIGN NO. 147

REIMBURSEMENT: On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page 14).

INSTRUCTIONS FOR FUEL LINE REPLACEMENT

A. Preliminary:

The replacement Fuel lines (Fig.#1) are supplied as a spare parts by

the part numbers on Table "A", Page 8.

B. Procedure for installation

WARNING: NO SMOKING

HIGHLY FLAMMABLE MATERIAL, KEEP AWAY FROM SPARKS OR OPEN FLAMES, PROVIDE ADEQUATE VENTILATION, FUEL, WHEN SATURATED ON CLOTHING, WILL CAUSE SKIN IRRITATION, PROCEED ACCORDINGLY.

NOTE:

BE SURE TO UTILZE PROPER EQUIPMENT FOR SAFE TRANSFER OF FUEL FROM CAR TO APPROVED FUEL CONTAINER.

DO NOT PERFORM THIS PROCEDURE ON A WARM ENGINE.

- 1) Disconnect battery (Main switch).
- Cover rear fenders (also Trunk lid area) with fender covers.
- 3) Remove Fuel tank fill cap to release pressure from the fuel tank.
- 4) Place a catch pan under the fuel filter and loosen upper filter connection. While fuel is draining, loosen fuel line fitting at regulator end of the Fuel Injection rail. This will allow the remainder of fuel in rail to drain.
- 5) Remove both fuel lines "A & B" as shown in Fig.# 1 and replace with new lines.
- 6) Inspect 1/4 bank Fuel Injection return line for any damage due to contact with the timing cover. If damage is found the line must be replaced using the procedure "C Procedure for replacement of fuel return line" found on page # 7 of this booklet. If no damage is found, please insure that the return line is secured on the clip found on the timing cover (Fig.#3). Also the Return Fuel line must not contact the Timing cover or A/C Compressor lines.
- 7) Repeat procedure #4 through #6 for 5/8 bank fuel lines.
- 8) Replace fuel tank filler cap.
- 9) Start engine, run for 30 seconds and then shut off. Check for leaks.

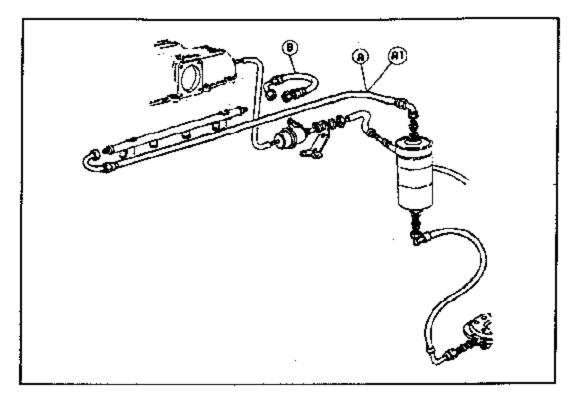


Fig.#1

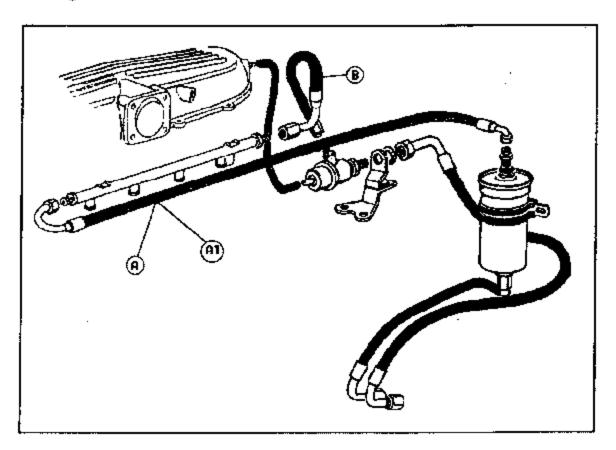


Fig.#2

Recell #147

Procedure for replacement of fuel return line / Operation #147A (ONLY IF REQUIRED)

- 1) Disconnect battery (Main switch).
- 2) Remove fuel tank cover bolts and remove cover.
- Drain fuel from fuel tanks.

NOTE:

BE SURE TO UTILZE PROPER EQUIPMENT FOR SAFE TRANSFER OF FUEL FROM CAR TO APPROVED FUEL CONTAINER CAPABLE OF HOLDING LARGE AMOUNT OF FUEL.

Maximum fuel tank capacity:

Mondial t - 22.50 U

22.50 U.S. Gallons

348 ts/tb -

23.20 U.S. Gallons

- 4) Disconnect fuel return line from fuel pump assembly.
- 5) Remove any line ties from line.
- Remove hose w/clamp from regulator assembly and remove line from vehicle.
- 7) Install new line and fasten with tie-straps in locations shown in fig.#1. Also insure that the lines are attached to the clips provided on the timing cover, as shown in fig.#3 and that there is no contact with other fuel lines or A/C system lines.
- Connect line to regulator assembly (as shown in fig.#1).
- Connect Fuel tank end of line to fuel pump assembly return port.
- 10) Transfer about three gallons of fuel to car fuel tank, connect battery, Start vehicle and check for leaks. Repair any leaks.
- 11) Reinstall fuel tank cover and transfer remainder of fuel to vehicle fuel tank.
- 12) Labor:

Operation number -

147A

Time -

348 -

X.X hrs.

Mondial t -

X.X hrs.

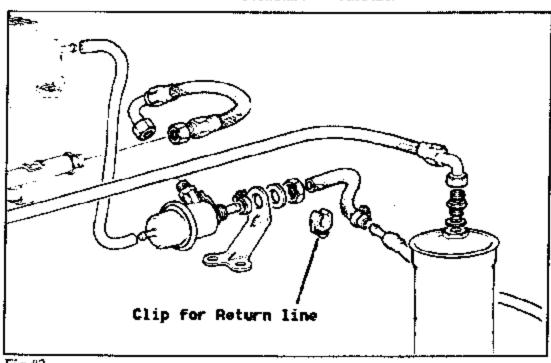


Fig.#3

<u>Recall #147</u>

TABLE "A" PARTS LIST										
VEHICLE	PART DESCRIPTION	PART NUMBER	OTY. NEEDED							
	Sx Fuel line (filter to fuel rail)	143789	i i							
MONDIAL T COUPE	Dx Fuel line (filter to fuel rail)	143788	1							
	Fuel line (fuel rail to pressure regulator)	149812	2							
	Sx Fuel line (filter to fuel rail)	143785	1							
MONDIAL T CABRIOLET	Dx Fuel line (filter to fuel rail)	143784	1							
	Fuel line (fuel rail to pressure regulator)	149812	2							
	Sx Fuel line (filter to fuel rail)	143787	1							
348 TS / TB	Dx Fuel line (filter to fuel rail)	143786	1							
	Fuel line (fuel rail to pressure regulator)	149812	2							

RECALL CAMPAIGN NO. 148

INTRODUCTION - Upper steering column locknut

SUBJECT:

Recall Campaign No. 148

Ferrari 348 ts/tb, Mondial t and Testarossa Models

Upper steering column locknut

VEHICLES:

All Ferrari 348 ts/tb, Mondial t & Testarossa Models with the

following serial number ranges:

Ferrari 348 ts/tb, Model Year 1990 and 1991, starting from serial

number 85389 up to serial number 87898 included.

 Ferrari Mondial t coupe and cabriolet, Model Year 1990, starting from serial number 85927 up to serial number 87908 included.

 Ferrari Testarossa, Model Year 1990 and 1991, starting from serial number 85658 up to serial number 87483 included.

CONDITION:

The upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential

impairment of handling.

REMEDY:

Replacement of the Upper steering column locknut with the

improved self-locking nut (shown on Fig 1, page 11).

PARTS:

Only one locknut (PN# 150428) required for each vehicle.

COST:

An initial supply of new self-locking nuts will be shipped to your

dealership. Your parts account will be charged accordingly.

Additional self-locking nuts can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No. 1

148

Time

ALL MODELS -

0.2 hours

REIMBURSEMENT:

On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page x).

INSTRUCTIONS FOR LOCKNUT REPLACEMENT

A. Preliminary:

6)

The replacement self-locking nut (Fig.#1a) is supplied as a spare part (PN# 150428) by the Ferrari North America parts department.

B. Procedure for installation

Cover interior (seat and carpeting).

2) Remove 13mm locknut from upper steering column fastener and replace with new 13mm self locking nut (PN# 150428) as shown in fig.# 1 below.

3) Check that the steering column shaft is properly inserted into the steering column extension. Fastener <u>must</u> go through the groove provided in the steering column shaft.

Torque self-locking nut to 2.3 daNm (17 lbs/ft).

5) Check for binding in steering system. If there is binding, check system for faults.

Remove all covers from interior and insure that the area is clean.

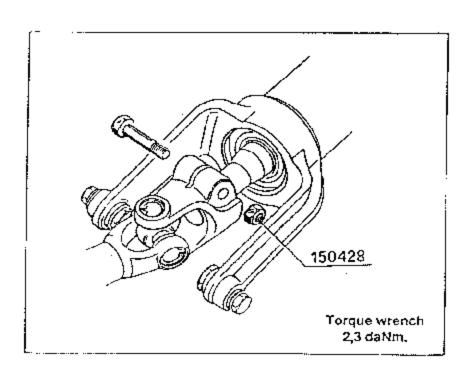


Fig.#1a

RECALL CAMPAIGN NO. 149

INTRODUCTION - Steering box extension fastener

SUBJECT:

Recall Campaign No. 149

Ferrari 348 ts/tb Models

Steering box extension fastener

VEHICLES:

All Ferrari 348 ts/tb Models with the following serial number

ranges:

Ferrari 348 ts/tb, Model Year 1989 and 1990, starting from serial

number 82277 up to serial number 86212 included.

CONDITION:

On 348 ts/tb vehicles with Vehicle Identification Number lower than 86212, the steering box extension fastener may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for and extensive period of time, loosening of the fastener could occur resulting in play in the steering system and

consequential impairment of handling.

REMEDY:

Replacement of the Steering box extension fastener with the

improved fastener (shown on Fig 1, page 13).

PARTS:

One set of the following is required for each vehicle:

a) Fastner bolt PN#125518 Quantity - 1 b) Locknut PN#12574221 Quantity - 1 c) Washer PN#12601274 Quantity - 2

COST:

An initial supply of these parts will be shipped to your dealership.

Your parts account will be charged accordingly.

Additional supplies of these parts can be ordered from the Ferrari North America Parts Department in Englewood Cliffs, New Jersey.

LABOR:

Operation No. 149

Time

0.1 hours

REIMBURSEMENT:

On receipt of the correctly completed recall campaign claim (see

Recall Claim form Instructions, page x).

INSTRUCTIONS FOR FASTENER REPLACEMENT

A. Preliminary:

The replacement Fastener, bolt and washers (Fig.#1) are supplied as a spare parts by the Ferrari North America parts department using the part numbers listed on "parts" section of page 12.

B. Procedure for installation

- Cover interior (seat and carpeting).
- 2) Move carpeting away from area of steering extension located under the dash at the base of the front cabin wall.
- 3) Remove 10mm locknut from steering extension fastener and remove the fastener.
- 4) Check that the steering box shaft is properly inserted into the steering column extension. Fastener must go through the groove provided in the steering box shaft.
- 5) Install new fastening bolt along with the two washers and locknut as shown in fig.# 1 below.
- Torque Fastener nut to 1.2 daNm (9 lbs/ft).
- Replace carpeting around area of steering extension.
- 8) Check for binding in steering system. If there is binding, check system for faults.
- 9) Remove all covers from interior and insure that the area is clean.

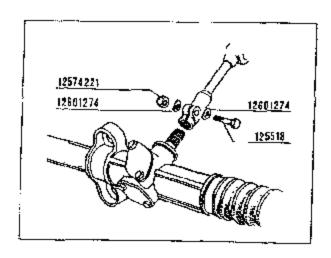


Fig.#1b

RECALL CLAIM FORM INSTRUCTIONS

FORWARD:

The enclosed recall claim form has been numbered in these areas to be completed by your dealership. The numbered areas indicate the necessary information needed to process the claim and promptly credit your account.

INSTRUCTIONS:

Information required to complete the recall claim form:

Area Instructions

- Enter your Ferrari 5-digit account number.
- Enter vehicle mileage at time of repair.
- 3) Enter date of repair.
- 4) Enter Dealer claim calculations:

Parts Dealer Net (Stock order price) Parts Handling (33%) Total Parts Total Labor (hrs. x your approved WAR) Amount Claimed

- Enter name of authorized servicing Dealer.
- Signature of Dealer or authorized designee.
- Signature of vehicle's owner.
- 8) If VIN number listed in area 8 appears invalid, please show correct VIN in explanation space (9).

No repair order need be attached for the campaign unless an owner has lost or never received a recall claim form. If this occurs, record all pertinent data, as required by the recall claim form, on a repair order. Owner signs the repair order.

The repair order must not be submitted until the Ferrari Representative can provide a blank recall claim form. Transfer pertinent data from repair order to the recall claim form. In OWNER area (7), write "Owner's signature on repair order no.." <u>Attach the repair order to the claim form</u> and submit for reimbursement.

MAILING:

In a Recall campaign form envelope (Print No. 3540) send recall claim

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	AMOUNT	TOTAL	SUBLET	TOTAL LABOR (4)	TOTAL PARTS	DAIDHAN GIBAG	LEW LEWIS SLEWE	DEATH FILME CALCULATIONS	OPER, MO. HOURE		ALL RECALL CAMPAIGN WORK MURT BE ON AN APPROPRIATE FECULL CAMPAIGN CLAM FORM MOTA AMPRIANTY CALIN FORM ATTACK REPAIR DROEFFOOM TO MACK	REALL CAMPAIGN NO.	RECALL CAMPAIGN FORM

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07832 201-816-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Letter "A":

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1989 and 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 is/ib vehicles with Vehicle Identification Number lower than 85232, the steering box extension fastener may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

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Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393.

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

Sincerly,



Ferrari

Ferrari North America. Inc. 250 Sylvan Avenus Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Leact "B":

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection tines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.
- On 348 (s/tb vehicles with Vehicle Identification Number lower than 86232, the steering box extension fastener may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the steering box extension fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.



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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.

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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at I-800-424-9393.

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

Sincerly,



Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201 916-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Letter "C":

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 model year Ferrari vehicles.

- On 348 ts/tb vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On 348 ts/tb vehicles with Vehicle Identification Number lower than 86232, the upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall carapaign items, we would like the opportunity to extend these improvements to your car free of charge.



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we urge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393.

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

Sincerly,



Ferrari North America, Inc. 250 Sylven Avenue Englewood Cilffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Letter "D":

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 and 1991 model year Ferrari vehicles.

On 348 ts/tb vehicles with Vehicle Identification Number lower than 87898, the upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

Also, Ferrari S.p.A. has introduced a number of improvements into production that may be applicable to your vehicle. While your vehicle is at your Ferrari authorized dealer for the above listed recall campaign items, we would like the opportunity to extend these improvements to your car free of charge.



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

250 Sylvan Avenue, Englewood Cliffs, NJ 07632 (201) 816-2651 (National Technical Office) (201) 816-2652 (Customer Relations)

Although we arge you to immediately call one of the numbers indicated above, if the vehicle is not repaired free of charge or 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 Hot line at 1-800-424-9393.

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

Sincerly,



Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Letter "E":

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 and 1991 model year Ferrari vehicles.

On Testarossa vehicles with Vehicle Identification Number lower than 86232, the upper scening column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper scening column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day 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 and parts to perform the repair.

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

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



Sincerly,

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Letter "F":

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 model year Ferrari vehicles.

On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day 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 and parts to perform the repair.

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

Cont.....



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



Sincerly,

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-816-2626

June 1992

Letter "G":

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

Forrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 model year Ferrari vehicles.

- On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.
- On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 86232, the upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

Since your car is among those potentially affected by the above conditions, we kindly ask you to contact any Ferrari Authorized Dealer immediately in order to arrange an inspection of your automobile, and if necessary, the Dealer will perform the required modifications.

The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

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

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



Sincerly,

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816-2600 TLX: 248021 FAX: 201-616-2629

June 1992



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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that certain defects may exist in particular 1990 model year Ferrari vehicles.

On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 88386, the aluminum fittings on certain fuel Injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

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

The corrective action for the above listed repair will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day 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 and parts to perform the repair.

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



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



Sincedy,

Ferrari

Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ 07632 201-816 2600 TLX: 248021 FAX: 201-816-2626

June 1992



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

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- On Mondial t coupe / cabriolet vehicles with Vehicle Identification Number lower than 86232, the upper steering column locknut may have been manufactured with a lower class of material and self-locking properties. This may result in a loss of tightening torque on the upper steering column fastener. Should such condition remain unnoticed and the use of the car be prolonged for an extensive period of time, loosening of the fastener could occur resulting in play in the steering system and consequential impairment of handling.

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The corrective action for the above listed repairs will be performed free of charge and will require approximately 1.5 hours, however please plan to leave your vehicle with the dealer all day to allow the dealer some flexibility for scheduling your repairs.

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

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

Cont	 	



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

Sincerly,



Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cilffs, NJ 07832 201-818-2500 TLX: 248021 FAX: 201-816-2626

May 11, 1992

Mr. Charles L. Gauthier, Director Office of Defects Investigation National Highway Teaffic Safety Administration Washington, D.C. 20590

Dear Director:

Please find herewith enclosed Vehicle Safety Defect Initial Information Reports with respect to three Recall Campaigns which we are initiating in order to correct the following.

FERRARI N.A.

924-071

On vehicles with Vehicle Identification Number lower than \$3386, the aluminum fuel line fittings on certain fuel injection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage. As with any type of fuel system leakage, the possibility of a vehicle engine fire may exist.

On vehicles with Vehicle Identification Number lower than \$7898, the Upper stateling column locknut may have been manufactured with a lower class of material and selflocking properties. Should such condition remain unnoticed, lectioning of the lockmut could occur resulting in excessive play in the secoring system and consequential impairment of handing,

On vehicles with Vehicle Identification Number-lower than 86232, the Steering box extension fastener may have been manufactured with a lower class of material. Should such condition remain appealed, loosening of the fastener could occur resulting in excessive play in the specing system and consequential impairment of handling.

The corrective action will require approximately 1.5 hours.

For the above campaign, it is our intention to notify the Ferrari Dealers with a commensive letter explaining the remedy; furthermore it is our intention to notify each vehicle owner with a single letter mentioning the recall modification required.

Draft copies of the letters that Ferrari North America, Inc. will send to the owners and to the Ferrari Dealers along with the technical instructions will be submitted to your office by may 15, 1992.

Yours body,

Kenneth W. McCay Technical Director

Ferrari North America, Inc.

15:57

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VEHICLE SAFETY DEFECT NITIAL INFORMATION REPORT

348 ts/tb & Mondial t - Fuel injection lines Recall No. 147

A) DESCRIPTION OF DEFECT:

On vehicles with Vehicle Identification Number lower than 88386, the aluminum fuelline fittings on certain fuelinjection lines may corrode under extreme environmental conditions. Should such condition remain unnoticed, the result could be breakage of the aluminum fuel line fitting resulting in fuel leakage.

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

As a result of extended durability testing, Ferrari S.p.A. discovered that the aluminum fittings on certain fuel injection lines may corrade it exposed extreme enviromental conditions.

C) MEASURES TO BE TAKEN TO REPAIR VEHICLE:

The remedy consists in the replacement of the four fuel injection lines with modified fuel lines which are now constructed with a corrosion resistant coating to prevent fuel line surface corrosion. The operation is free-of-charge for the vehicle owner and will require approximately .80 hours for 348 ts/fb and 1.2 hours for Mondial t coupe and cabriolet.

ESTIMATED INITIATION OF CORRECTIVE ACTION: JUNE 1:

921-071

18:04

VEHICLE SAFETY DEFECT INITIAL INFORMATION REPORT

Fuel injection lines

Recall No. 147

Date submitted: May 14, 1992

Date received: May 11, 1992

147

Campaign No.:

Campaign Date: June 1992

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OTHER VEHICLE IDENTIFICATION					
THROUGH	JAN. 1960	AUG. 1989	DEC. 1990	DEC. 1990	
FROM	JULY 1989	MAY 1989	MAR. 1990	FEB. 1990	
NO. OF VEHICLES	134	208	37.2	86	
MODEL YEAR	1989	6861	1990	1990	
MODEL	348 TS / TB	MONDIAL T CPE / CAB	348 TS/TB	MONDIAL T CAB	
MAKE	FERRARI	FERRARI	FERRARI	FERRARI	