

RECALL CAMPAIGNS

NAME OF MANUFACTURER : FERRARI

SUBJECT OF RECALL : FUEL SUPPLY/RETURN LINES

RECALL CAMPAIGN NUMBER : 98V-268

ACTION THAT INFLUENCED RECALL

MANUFACTURED INFLUENCED YES

ODI INFLUENCED:

ACTION NO. :

DED INVESTIGATOR :

RAD INVESTIGATOR :

OVSC INFLUENCED:

ACTION NO. :


OVSC INVESTIGATOR :



Ferrari North America, Inc.

October 19, 1998

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

98V-268 

Dear Ms. DeMeter:

Enclosed please find the Vehicle Safety Defect Initial Information Reports, regarding the Recall Campaign, Number 165, which we are initiating in order to correct the following:



On Ferrari vehicles, 1997-1999 model year 550 Maranello, with Vehicle Identification Numbers from 107888 to 113520, which have a Vehicle Assembly number from 24719 to 30773, the fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe.

Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

The Ferrari factory informed Ferrari North America, Inc. of this condition.

The remedy consists of replacing the fuel supply and return lines with new updated lines as per the attached instructions.

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

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

Best regards,

William S. Story
Director of Technical Services

WSS: cc

Enclosures

RECEIVED
OCT 21 1998
NHTSA

FERRARI NORTH AMERICA, INC.
250 SYLVAN AVENUE
ENGLEWOOD CLIFFS, NJ 07632
October 15, 1998

VEHICLE SAFETY DEFECT
INITIAL INFORMATION REPORT
550 MARANELLO FUEL LINES
RECALL No. 165

Date Submitted: October-98
Date Received: October-98
Campaign No.: 165
Campaign Date: October-98

<u>MAKE</u>	<u>MODEL</u>	<u>MODEL YEAR</u>	<u>NO. OF VEHICLES</u>	<u>ENCLOSED REG. DATES</u> <u>From</u> <u>Through</u>	<u>OTHER VEHICLE</u> <u>IDENTIFICATION</u>
FERRARI	550 Maranello	1997-1999	275	January 1997 July 1998	Vehicle Assembly Numbers from 24719 to 30773

984-268

FERRARI NORTH AMERICA, INC.
250 SYLVAN AVENUE
ENGLEWOOD CLIFFS, NJ 07632
October 15, 1998

VEHICLE SAFETY DEFECT
INITIAL INFORMATION REPORT
550 MARANELLO FUEL LINES
RECALL No. 165

A) DESCRIPTION OF DEFECT:

On Ferrari Vehicles: Model year 1997-1998 550 Maranello with Vehicle Assembly Numbers from 24719 to 30773

The fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe. Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

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

The Ferrari factory informed us of the condition.

C) MEASURES TO BE TAKEN TO REPAIR VEHICLE:

The remedy consists of replacing the fuel lines with new updated fuel lines which have been manufactured using the proper process. The operation is free of charge for the vehicle owner, and will require approximately 3.5 hours to complete.

ESTIMATED INITIATION OF CORRECTIVE ACTION:

October-98

98V-268



DRAFT

October 19, 1998

98U-268 (4)

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect exists in certain 1997-1999 model year Ferrari 550 Maranello vehicles.

On Ferrari vehicles, 1997-1999 550 Maranello with Vehicle Identification Numbers from 107888 to 113520, which have a Vehicle Assembly number from 24719 to 30773, the fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe. Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

The remedy consists of replacing the fuel supply and return lines with new updated lines as per the attached instructions.

The corrective action will require approximately 3.5 hours.

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

Upon transmittal of the repair under the normal warranty system, we will of course reimburse you for the labor necessary to carry out this campaign.

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

Thank you for your cooperation

Best Regards,

William S. Story
Director of Technical Services

RECALL CAMPAIGN NO. 165

DRAFT

INTRODUCTION : Ferrari 550 Maranello Fuel Lines

98V- 268 ()

SUBJECT : Recall Campaign No. 165

VEHICLES : Ferrari Model year 1997-1999 550 Maranello with Vehicle Assembly Numbers from 24719 to 30773 and Vehicle Identification Numbers from 107888 to 113520.

CONDITION : The fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe.

Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

REMEDY : Replace the fuel supply and return lines with new updated lines as per the attached instruction.

PARTS : The new lines are identified by the following part numbers :

Old Part Number	New Part Number	Quantity	Description
178304	178525	1	Supply line right bank
166742	178522	1	Supply line left bank
178302	179164	1	Return line right bank
178303	179356	1	Return line left bank
	10441790	1	Bracket with sheath
	179357	1	Tube retainer clip set

LABOR :	MEDEA Recall number	1650	Defect Code	01
	Component Code	1478	Cost Code	24
	Labor Operation	14781	Time	3.5 Hours

REIMBURSEMENT : Upon receipt of claim via MEDEA

DRAFT

INSTRUCTIONS FOR FUEL LINE REPLACEMENT

98V- 268



A: Preliminary : The replacement fuel lines are supplied as spare parts
by the part numbers listed on the previous page

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.**

DO NOT PERFORM THIS PROCEDURE ON A WARM ENGINE.

- 1) Disconnect battery (main switch).
- 2) Cover fenders with fender covers
- 3) Remove fuel tank fill cap to release pressure from the fuel tank.
- 4) Lift vehicle using a suitable hoist and remove front center under panel
- 5) Remove the front wheels
- 6) Remove the rear section of the front inner fender panels

7) Release the supply and return hoses from their retaining clips.
(Item "E" in figure "A")

8) Remove the left side fuel lines
(Items "A" and "B" in figure "A")

9) Remove the right side fuel lines
(Items "A" and "B" in figure "A")

NOTE: DURING INSTALLATION OF THE NEW FUEL LINES, IT IS MANDATORY TO ADJUST THE POSITIONING AND ROUTING OF THE ENTIRE LENGTH OF EACH FUEL LINE IN ORDER TO PREVENT ANY TENSION OR POINTS OF CONTACT WHICH COULD CAUSE DAMAGE TO THE NEW FUEL LINES.

10) Install the new right side supply (part number 178525) and right side return (part number 179164) fuel lines tightening the unions to a torque of 2.5 Nm.

11) Install the new left side supply (part number 178522) and left side return (part number 179356) fuel lines tightening the unions to a torque of 2.5 Nm.

NOTE: THE NEW RETURN LINES (part numbers 179164 and 179356) HAVE BEEN MANUFACTURED IN A DIFFERENT SHAPE AND MUST BE ATTACHED TO THE CENTER INTAKE MANIFOLD USING THE NEW BRACKET (part number 10441790) ITEM "C" IN FIGURE "A"

12) Install the new retaining clips (part number 179357) item "D" in figure "A"

13) Reattach the supply and return hoses to their retaining clips.
(Item "E" in figure "A")

14) Reconnect the battery (main switch)

15) Replace the fuel tank fill cap

NOTE: START THE ENGINE AND INSPECT ALL FUEL LINES FOR LEAKS AND MAKE ANY NECESSARY ADJUSTMENTS

16) Identify updated vehicles with a dab of red paint applied to the union of the return line near the pressure regulator (see figure "A")

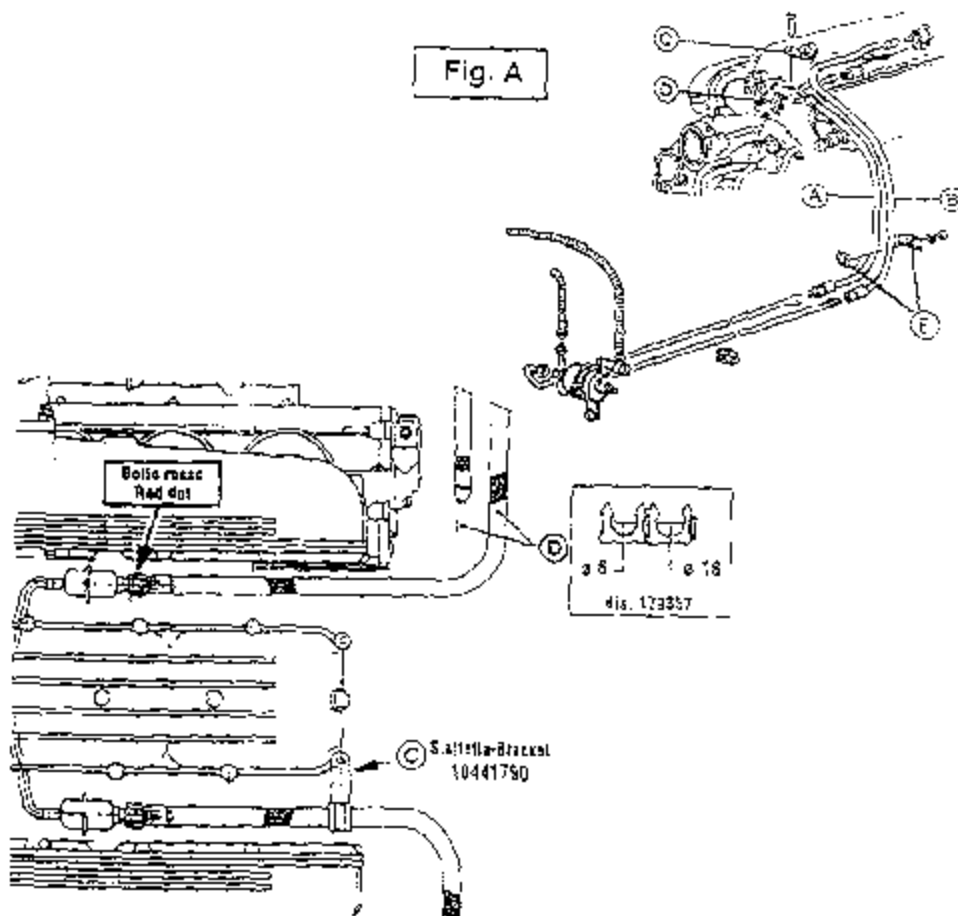
17) Reinstall the rear section of the front inner fender panels

18) Reinstall the front wheels

19) Replace front center under panel and lower vehicle.

98V-268

Fig. A



98U-269

DRAFT

October 19, 1998

98V-268 (1)

«MXERST» «MXLAST»
«MXADD1»
«MXADD2»
«MXCITY», «MXST» «MXZIP»

Serial Number: «AOMAT»

Dear Ferrari Customer:

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect, which relates to motor vehicle safety, exists in certain 1997-1999 model year Ferrari 550 Maranello vehicles.

On Ferrari vehicles, 1997-1999 550 Maranello with Vehicle Identification Numbers from 107888 to 113520, which have a Vehicle Assembly number from 24719 to 30773, the fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe. Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

The remedy consists of replacing the fuel supply and return lines with new updated lines as per the attached instructions.

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

The corrective action for the above listed repair will be performed free of charge to you and will require approximately **3.5 hours** to complete. Please plan, however, to leave your vehicle with the dealership 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 to perform the repair. 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.

DRAFT

250 Sylvan Avenue
Englewood Cliffs, NJ 07632

98V-268 (10)

(201) 816-2651 (National Technical Office)

If the affected vehicle is not repaired free of charge to you within a reasonable time, we urge you to immediately call the number indicated above or you may contact the Administrator, National Highway Traffic Safety Administration, (NHTSA), 400 Seventh Street, SW, Washington, DC 20590. You may also telephone the Auto Safety Hot line at 800-424-9393 nationally or (202) 366-0123 for Washington, DC area residents.

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

Best Regards,

William S. Story
Director of Technical Services

WSS: cc

Ferrari

Ferrari North America, Inc.

November 17, 1998

Via U.S. Mail



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

Ref: Recall 165 (98V-268)

Dear Ms. DeMeter:

For your records, enclosed please find a copy of the Ferrari North America Recall booklet for Recall 165 (98V-268), which was sent to all of the authorized Ferrari dealers within our network.

Thank you.

Best regards,

A handwritten signature in cursive script that reads 'Concetta Ciaccio'.

Concetta Ciaccio
Executive Assistant

Enclosure

QUICKCALL 1659155 BOOK

RECEIVED
NOV 24 PM 12:15
OFFICE
DEFECT INVESTIGATION

RECALL CAMPAIGN

REF. NO. 165
FUEL LINES
550 MARANELLO

NOVEMBER 1998

READ, INITIAL
AND PASS ON »

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk

November 1998

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect exists in certain 1997-1999 model year Ferrari 550 Maranello vehicles.



On Ferrari vehicles, 1997-1999 550 Maranello with Vehicle Identification Numbers from 107888 to 113520, which have a Vehicle Assembly number from 24719 to 30773, the fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe. Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

The remedy consists of replacing the fuel supply and return lines with new updated lines as per the attached instructions.

The corrective action will require approximately 3.5 hours.

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

Upon transmittal of the repair under the normal warranty system, we will of course reimburse you for the labor necessary to carry out this campaign.

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

Thank you for your cooperation.

Best Regards,

A handwritten signature in black ink, appearing to read "William S. Story". The signature is written in a cursive, flowing style with a long horizontal line extending to the right.

William S. Story
Director of Technical Services



RECALL CAMPAIGN NO. 165

INTRODUCTION : Ferrari 550 Maranello Fuel Lines

SUBJECT : Recall Campaign No. 165

VEHICLES : Ferrari Model year 1997-1999 550 Maranello with Vehicle Assembly Numbers from 24719 to 30773 and Vehicle Identification Numbers from 107888 to 113520.

CONDITION : The fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe.

Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

REMEDY : Replace the fuel supply and return lines with new updated lines as per the attached instruction.

PARTS : The new lines are identified by the following part numbers .

Old Part Number	New Part Number	Quantity	Description
178304	178525	1	Supply line right bank
166742	178522	1	Supply line left bank
178302	179164	1	Return line right bank
178303	179356	1	Return line left bank
	10441790	2	Bracket with sheath
	179357	2	Tube retainer clip set

LABOR :	MEDEA Recall number	1650	Defect Code	01
	Component Code	1478	Cost Code	24
	Labor Operation	14781	Time	3.5 Hours

REIMBURSEMENT : Upon receipt of claim via MEDEA

INSTRUCTIONS FOR FUEL LINE REPLACEMENT

A. Preliminary:

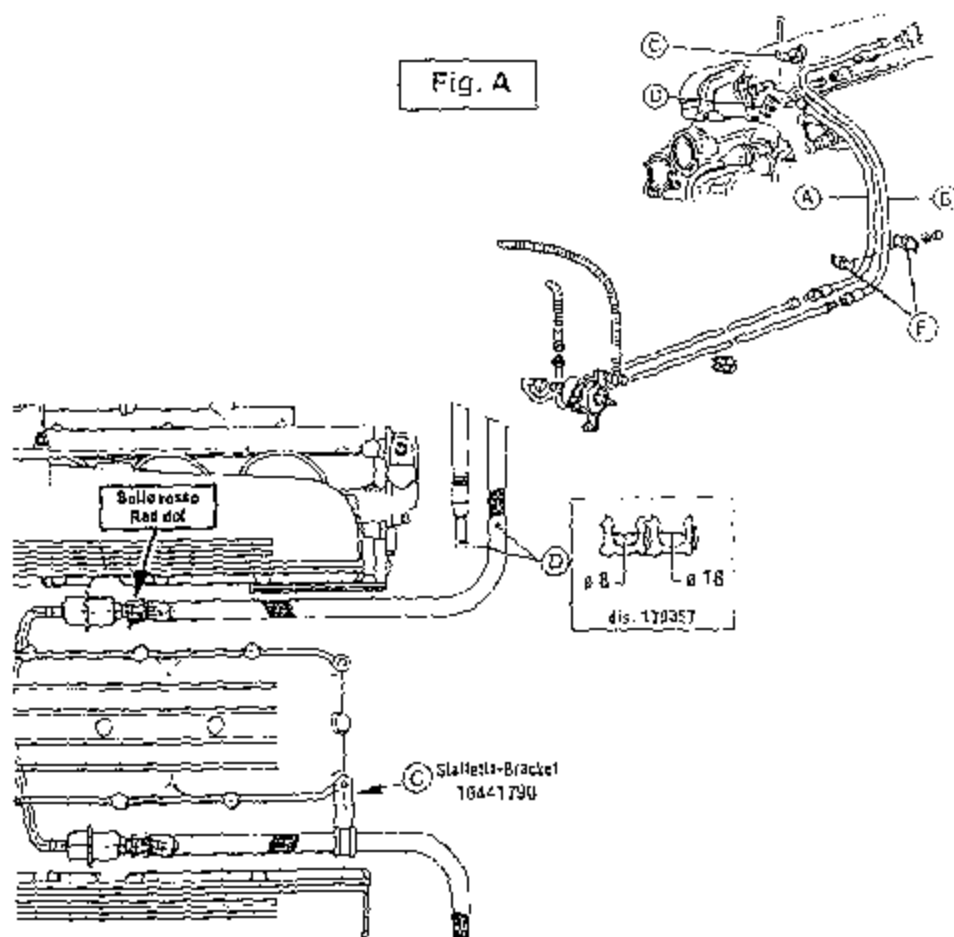
The replacement fuel lines are supplied as spare parts by the part numbers listed on the previous page.

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.

DO NOT PERFORM THIS PROCEDURE ON A WARM ENGINE. BE SURE TO UTILIZE PROPER EQUIPMENT FOR SAFE TRANSFER OF FUEL FROM CAR TO APPROVED FUEL CONTAINER.



- 1) Cover fenders with fender covers.
- 2) Remove fuel tank fill cap to release pressure from the fuel tank.
- 3) Disconnect battery (main switch).
- 4) Lift vehicle using a suitable hoist
- 5) Remove the front wheels

- 6) Remove front and center under panels
Remove the rear section of the front inner fender panels
- 7) Release the supply and return hoses from their retaining clips.
(Item "E" in figure "A")
- 8) Remove the left side fuel lines
(Items "A" and "B" in figure "A")
- 9) Remove the right side fuel lines
(Items "A" and "B" in figure "A")

NOTE: DURING INSTALLATION OF THE NEW FUEL LINES, IT IS MANDATORY TO ADJUST THE POSITIONING AND ROUTING OF THE ENTIRE LENGTH OF EACH FUEL LINE AND CLAMPS IN ORDER TO PREVENT ANY TENSION OR POINTS OF CONTACT WHICH COULD CAUSE DAMAGE TO THE NEW FUEL LINES.



- 10) Install the new right side supply (part number 178525) and right side return (part number 179164) fuel lines tightening the unions to a torque of 34 Nm.(25 lb.ft.)
- 11) Install the new left side supply (part number 178522) and left side return (part number 179356) fuel lines tightening the unions to a torque of 34 Nm.(25 lb.ft.)

NOTE: THE NEW RETURN LINES (part numbers 179164 and 179356) HAVE BEEN MANUFACTURED IN A DIFFERENT SHAPE AND MUST BE ATTACHED TO THE CENTER INTAKE MANIFOLD USING THE NEW BRACKET (part number 10441790) ITEM "C" IN FIGURE "A"

- 12) Install the new retaining clips (part number 179357) item "D" in figure "A"
- 13) Reattach the supply and return hoses to their retaining clips.
(Item "E" in figure "A") Do not over tighten
- 14) Reconnect the battery (main switch)
- 15) Replace the fuel tank fill cap

NOTE: START THE ENGINE AND INSPECT ALL FUEL LINES FOR LEAKS AND MAKE ANY NECESSARY ADJUSTMENTS

- 16) Identify updated vehicles with a dab of red paint applied to the union of the return line near the pressure regulator (see figure "A")
- 17) Reinstall the rear section of the front inner fender panels
- 18) Reinstall front and center under panels
- 19) Reinstall the front wheels and lower vehicle.



Recall 165

List of Affected Serial Numbers

107888	109058	109838
107946	109089	109903
107980	109101	109905
107973	109132	109913
108098	109235	109914
108103	109219	109904
108107	109133	109740
108285	109134	109915
108286	109161	109920
108287	109163	109906
108108	109177	109919
108523	109189	109925
108522	109182	109926
108538	109221	109927
108553	109220	109928
108568	109250	109967
108583	109249	109985
108708	109517	110036
108585	109274	110037
108709	109522	110055
108712	109527	110054
108717	109269	110072
108733	109261	110088
108749	109276	110167
108721	109567	110073
108762	109573	110184
108776	109568	110089
108792	109569	110090
108927	109577	110105
108939	109578	110091
108940	109582	110106
108928	109581	110137
108954	109583	110138
108955	109586	110150
108969	109587	110122
108979	109588	110151
108980	109627	110165
108981	109664	110182
109012	109682	110183
109017	109683	110189
109013	109701	110675
109019	109837	110214
109041	109739	110676
109042	109646	110677
109057	109665	110678
109056	109702	110679



Recall 165

List of Affected Serial Numbers

110686	111628	112480
110697	111641	112479
110698	111656	112482
110699	111655	112495
110701	111670	112464
110702	111642	112481
110704	111683	112766
110703	111779	112769
110793	111780	112785
110823	111781	112784
110896	111792	112770
110925	111793	112786
110940	111794	112800
110953	111795	112801
110954	111830	112802
110966	111831	113139
110967	110939	113140
110982	111832	113142
111042	111844	113141
111043	111845	113143
111044	111174	113144
111047	111846	113145
111050	111860	113173
111138	111861	113148
111215	112169	113337
111225	112209	113338
111263	112219	113336
111264	112220	113339
111317	112231	113340
111333	112232	113344
111361	112233	113341
111346	112244	113342
111347	112245	113343
111362	112246	113407
111318	112247	113408
111374	112271	113409
111375	112272	113411
111382	112273	113410
111391	112286	113413
111386	112287	113412
111573	112450	113516
111572	112477	113517
111586	112463	113518
110909	112461	113519
111627	112478	113520
111614	112496	

November 1998

«MXFRST» «MXLAST»
«MXADD1»
«MXADD2»
«MXCITY», «MXST» «MXZIP»

Serial Number: «AOMAT»



Dear Ferrari Customer:

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

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect, which relates to motor vehicle safety, exists in certain 1997-1999 model year Ferrari 550 Maranello vehicles.

On Ferrari vehicles, 1997-1999 550 Maranello with Vehicle Identification Numbers from 107888 to 113520, which have a Vehicle Assembly number from 24719 to 30773, the fuel supply and return lines may leak where the ferrule of the union meets the flexible pipe. Should such a condition occur, the result would be leakage of fuel from the fractured line, in which case, the risk of fire would exist.

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The corrective action for the above listed repair will be performed free of charge to you and will require approximately 3.5 hours to complete. Please plan, however, to leave your vehicle with the dealership 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 to perform the repair. 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)

If the affected vehicle is not repaired free of charge to you within a reasonable time, we urge you to immediately call the number indicated above or you may contact the Administrator, National Highway Traffic Safety Administration, (NHTSA), 400 Seventh Street, SW, Washington, DC 20590. You may also telephone the Auto Safety Hot line at 800-424-9393 nationally or (202) 366-0123 for Washington, DC area residents.

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

Best Regards,

William S. Story
Director of Technical Services

WSS: cc