

Ferrari

Ferrari North America, Inc.

Tuesday, July 13, 1999

99V-167

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 Booklets: 166, 167, 168

Dear Ms. DeMeter:

For your records, enclosed please find a copies of the Ferrari North America Recall booklets for Recalls 166, 167, and 168, which have been sent to all of the authorized Ferrari dealers within our network.

Thank you.

Best regards,

Concetta Ciaccio

Concetta Ciaccio
Executive Assistant

Enclosure

QRECALL166168BOOK

RECEIVED
99 JUL 16 PM 1:39
OFFICE
DEFECTS INVESTIGATION

Ferrari North America, Inc.
250 Sylvan Avenue
Englewood Cliffs, NJ 07632
Telephone 201.816.2600
Fax 201.816.2626

RECALL CAMPAIGN

**REF. NO. 167
FUEL LINES**

456 GT/GTA

JULY 1999

**READ, INITIAL
AND PASS ON »**

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk

Ferrari

Ferrari North America, Inc.

July 1999

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has decided that a defect exists in certain 1995-1998 model year Ferrari 456 GT/GTA vehicles.



On Ferrari vehicles, 1995-1998 model year 456 GT/GTA, with Vehicle Identification Numbers from 99500 to 111128, which have a Vehicle Assembly number from 16490 to 28359, the fuel supply and return lines may leak at the aluminum barrel nut. Should such a condition occur, the result would be leakage of fuel from the deformed nut, in which case, the risk of fire would exist.

The remedy consists of replacing the fuel supply and return lines with new updated lines, which have the barrel nut made of steel, as per the attached technical instructions.

The corrective action will require approximately 5.0 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', written over a horizontal line.

William S. Story
Director of Technical Services



RECALL CAMPAIGN NO. 167

- INTRODUCTION :** Ferrari 456 GT/GTA Fuel Lines
- SUBJECT :** Recall Campaign No. 167
- VEHICLES :** Ferrari Model year 1995-1998 456 GT/GTA with Vehicle Assembly Numbers from 16490 to 28359 and Vehicle Identification Numbers from 99500 to 111128.
- CONDITION :** The fuel supply and return lines may leak at the aluminum barrel nut.
- Should such a condition occur, the result would be leakage of fuel from the deformed nut, 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 :

New Part Number	GT Quantity	GTA Quantity	Description
178527	1	1	RH front delivery line
178526	1	1	LH front delivery line
174046	1	1	RH front return line
174051	1	1	LH front return line
174815	1		RH rear delivery line
175150		1	RH rear delivery line
174816	1		LH rear delivery line
175151		1	LH rear delivery line
174813	1		RH rear return line
175152		1	RH rear return line
174814	1		LH rear return line
175153		1	LH rear return line

456 GT	MEDEA Recall number	1671	Defect Code	01
LABOR :	Component Code	1478	Cost Code	24
	Labor Operation	14781	Time	5.0 Hours

456 GTA	MEDEA Recall number	1672	Defect Code	01
LABOR :	Component Code	1478	Cost Code	24
	Labor Operation	14781	Time	5.0 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.

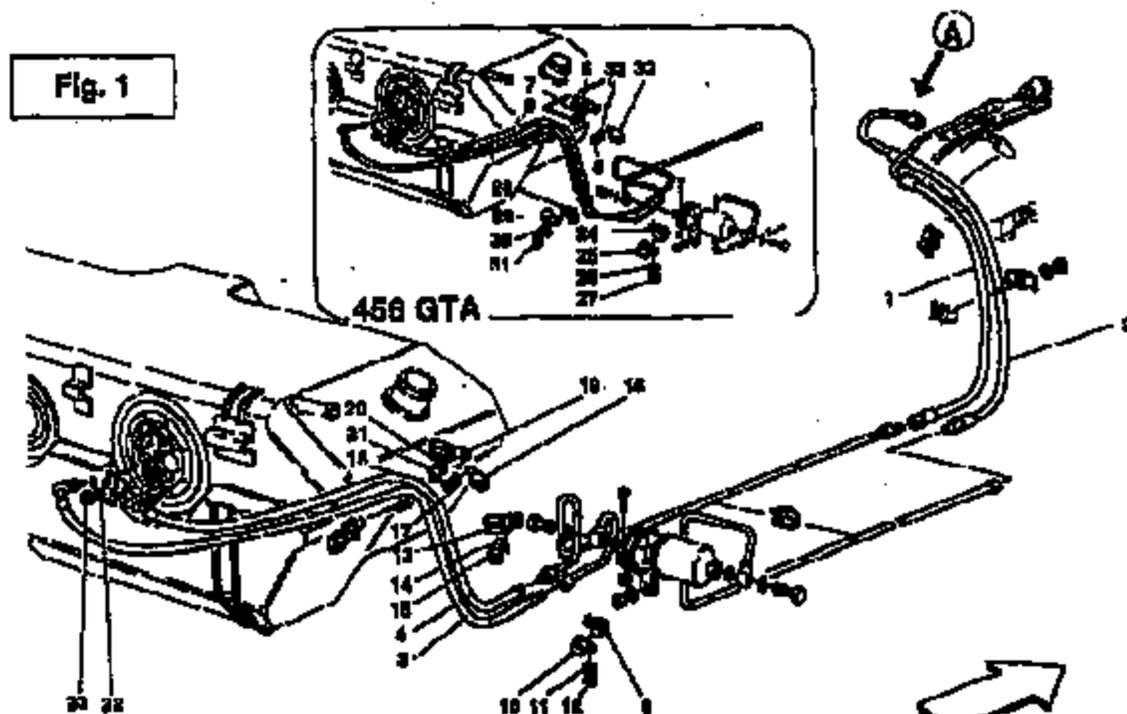
ENSURE THAT YOU HAVE THE CORRECT LINES FOR EITHER 456GT OR 456GTA. A COMPLETE LISTING OF HARDWARE THAT MAY ALSO BE REQUIRED IS LISTED ON PAGE 4.

- 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) Be sure that the fuel gauge is below app. 1/4 tank.
If necessary, remove fuel from the tank into a fuel safe container using a suitable method.





- 6) Remove the front wheels
- 7) Remove the rear section of the front inner fender panels
- 8) Loosen the inside of the left and right under tray covers
- 9) Release the supply and return hoses from their retaining clips on the right side.
- 10) Remove the cable ties on both the left and right sides.
- 11) Remove the water hose clamp on the right side to gain better access.
- 12) Remove both left and right fuel rail covers
- 13) Remove the left side fuel lines (Items 1 and 2 in figure 1)
- 14) Remove the right side fuel lines (Items 1 and 2 in figure 1)

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.

- 15) Install the new right side supply (part number 178527) and right side return (part number 174046) fuel lines tightening the unions to a torque of 34 Nm.(25 lb.ft.)
- 16) Install the new left side supply (part number 178526) and left side return (part number 174051) fuel lines tightening the unions to a torque of 34 Nm.(25 lb.ft.)
- 17) Re-install the black retaining clips to both sides
- 18) Reattach the supply and return lines to their retaining clips on the right side.
- 19) Reinstall the water hose clamp on the right side.
- 20) Install new cable ties on both sides.
- 21) Open the trunk lid.
- 22) Remove the 3 screws that hold the trunk carpet in place.
- 23) Remove the 2 piece carpeted panels that cover the stereo components on the left side.
- 24) Remove the 17 bolts that fix the fuel tank protection panel. (Note the position of the 3 carpet panel mounting bracket)
- 25) Remove the spare tire cover and the lower metal bracket.
- 26) Remove the fuel tank protection panel.



- 27) Remove both rear wheels.
- 28) Remove the sheet metal panel (#25 figure 2)
Ensure that the protective rubber strip (# 26 figure 2) stays in place.

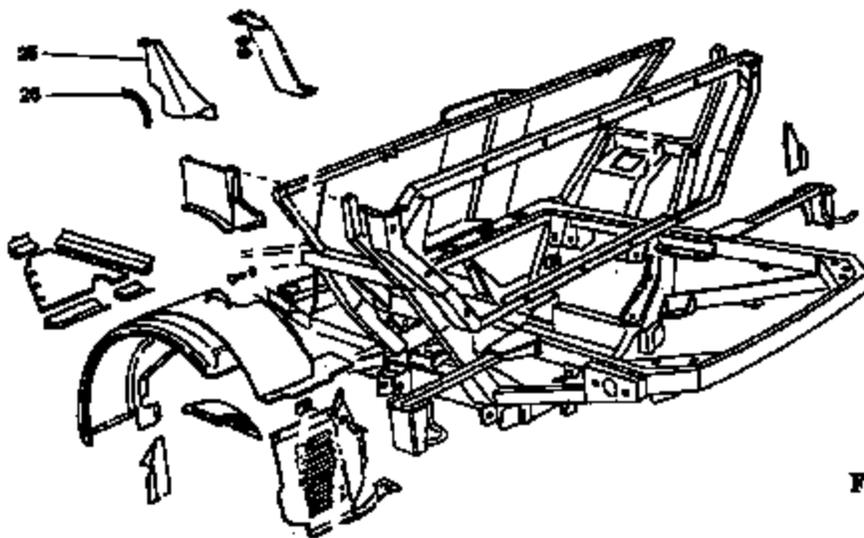


FIGURE 2

- 29) Remove the delivery and return hose mounting brackets from both the left and right sides.
- 30) Loosen and remove the fuel line fittings at the fuel pump and remove the lines from the bracket.
- 31) Disconnect one fuel line from the rigid metal line on the left side and from the fuel pump and remove it from the vehicle.

NOTE:

REMOVE ONLY ONE HOSE AT A TIME

- 32) Identify the new lines and separate left from right.
- 33) Route the new line in place of the one removed.
- 34) Connect the new line to the rigid metal pipe and torque to 34 Nm. (25 lbs. Ft.)
- 35) Note the position of the line at fuel pump and remove the other line from the fuel pump and rigid metal pipe.
- 36) Route the new line in place of the one removed.
- 37) Connect the new line to the rigid metal pipe and torque to 34 Nm. (25 lbs. Ft.)
- 38) Connect both lines to the fuel pump taking care not to damage the sealing rings.
- 39) Repeat the above steps on the right side to replace the lines.
- 40) Please mark all updated vehicles with a dot of re paint on the fuel line 178527 upper fitting.



Reference Number	Part Number	Vehicle Model		Part Description
		Quantity GT	Quantity GTA	
1	178527	1	1	RH front delivery hose
-	178526	1	1	LH front delivery hose
2	174048	1	1	RH front return hose
-	174051	1	1	LH front return hose
3	174815	1		RH rear delivery hose
-	175150		1	RH rear delivery hose
-	174816	1		LH rear delivery hose
-	175151		1	LH rear delivery hose
4	174813	1		RH rear return hose
-	175152		1	RH rear return hose
-	174814	1		LH rear return hose
-	175153		1	LH rear return hose
5	102948			2 Nut
6	61712500			1 Clamp, RH side
-	10441790			1 Clamp, LH side
7	14499324			2 Spring washer
8	102948			2 Nut
9	10441190	2		Clamp
10	10441190	2		Clamp
11	14499324	2		Spring washer
12	102948	2		Nut
13	10441790	2		Clamp
14	14499324	2		Spring washer
16	102948	2		Nut
15	10441990	1		Clamp, RH side
-	10441790	1		Clamp, LH side
17	14499324	2		Spring washer
18	102948	2		Nut
19	61712500	1		Clamp, RH side
-	10441790	1		Clamp, LH side
20	14499324	2		Spring washer
21	102948	2		Nut
22	12601274	2		2 Spring washer
23	102948	2		2 Nut
24	10441190			2 Clamp
25	10441190			2 Clamp
26	14499324			2 Spring washer
27	102948			2 Nut
28	10441190			2 Clamp
29	10441190			2 Clamp
30	14499324			2 Spring washer
31	102948			2 Nut
32	10441990			1 Clamp, RH side
-	10441790			1 Clamp, LH side
33	14499324			2 Spring washer



Recall 167

List of Affected Serial Numbers

99500	100281	100776	102031	106184	107640
99706	100282	100776	102081	106244	107642
99735	100294	100795	102108	106268	107677
99785	100315	100819	102213	106295	107879
99841	100325	100831	102287	106307	107887
99842	100333	100840	102332	106308	107907
99857	100334	100855	102385	106345	107918
99868	100345	100885	102500	106358	108131
99977	100348	100877	102537	106369	108336
99978	100357	100890	102574	106370	108367
99987	100358	100912	102612	106383	108489
99988	100369	100947	102638	106616	109247
99997	100383	100970	102617	106629	109267
99998	100393	100961	102630	106643	109273
100023	100394	100993	102665	106644	109289
100045	100405	101004	102947	106658	109887
100059	100408	101005	102973	106672	109888
100071	100417	101015	103012	106673	109889
100079	100418	101016	103048	106687	109890
100092	100428	101050	103087	106701	109891
100103	100429	101085	103096	106787	110056
100108	100439	101109	103099	106802	110347
100116	100449	101158	103125	106803	110375
100118	100450	101186	103138	107023	110380
100128	100462	101198	103150	107024	110384
100139	100474	101212	103246	107041	110504
100140	100475	101225	103313	107058	110668
100142	100484	101250	103675	107076	110672
100151	100485	101317	103760	107077	110608
100164	100495	101424	103761	107094	110697
100176	100506	101476	103867	107111	110984
100187	100507	101514	105868	107127	111124
100188	100541	101552	105883	107128	111128
100200	100580	101582	105898	107142	
100211	100600	101643	105928	107310	
100212	100613	101708	105957	107315	
100222	100624	101745	105958	107318	
100232	100648	101798	105988	107319	
100234	100661	101836	106003	107329	
100235	100673	101875	106021	107330	
100236	100700	101887	106034	107341	
100246	100701	101912	106047	107352	
100247	100716	101928	106137	107391	
100257	100717	101978	106143	107392	
100258	100741	101979	106147	107404	
100269	100742	102005	106161	107835	
100270	100755	102017	106170	107837	

Ferrari North America, Inc.

July 1999

«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 decided that a defect, which relates to motor vehicle safety, exists in certain 1995-1998 model year Ferrari 456 GT/GTA vehicles.

On Ferrari vehicles, 1995-1998 model year 456 GT/GTA, with Vehicle Identification Numbers from 99500 to 111128, which have a Vehicle Assembly number from 16490 to 28359, the fuel supply and return lines may leak at the aluminum barrel nut. Should such a condition occur, the result would be leakage of fuel from the deformed nut, in which case, the risk of fire would exist.

The remedy consists of replacing the fuel supply and return lines with new updated lines, which have the barrel nut made of steel, as per the technical 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 5.0 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, or if you have any problem obtaining the needed repair, you should inform the National Headquarters Office of Ferrari North America, Inc.

Ferrari North America, Inc.
250 Sylvan Avenue
Englewood Cliffs, NJ 07632
Telephone 201.816.2500
Fax 201.816.2626



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, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, (NHTSA), 400 Seventh Street, SW, Washington, DC 20590. You may also telephone the 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