

# Ferrari

Ferrari North America, Inc.

RECEIVED

June 12, 1998

03 JUN 15 PM 3:02

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

OFFICE  
DEFECTS INVESTIGATION

93V-132 (U)

Dear Ms. DeMeter

Enclosed please find the Vehicle Safety Defect Initial Information Reports, regarding the Recall Campaign, Number 163, which we are initiating in order to correct the following:



On Ferrari vehicles, 1998 model F355 with Vehicle Identification Numbers between 111357 and 112735, which have a Vehicle Assembly number between 28453 and 29841, the torque of the power steering column nut may be insufficient.

Should such a condition occur, the result would be impairment of the vehicle handling.

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

The remedy consists of checking the proper positioning of the splines on the power steering rack extension and tightening the bolt to a torque of 23 Nm. in accordance with the attached technical 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

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

FERRARI NORTH AMERICA, INC.  
250 SYLVAN AVENUE  
ENGLEWOOD CLIFFS, NJ 07632  
June 12, 1998

VEHICLE SAFETY DEFECT  
INITIAL INFORMATION REPORT  
F355 POWER STEERING COLUMN CONNECTION  
RECALL No. 163

Date Submitted: June-98  
Date Received: June-98  
Campaign No.: 163  
Campaign Date: June-98

<u>MAKE</u>	<u>MODEL</u>	<u>MODEL YEAR</u>	<u>NO. OF VEHICLES</u>	<u>ENCLOSED MFG. DATES</u>	<u>OTHER VEHICLE IDENTIFICATION</u>
				<u>From</u> <u>Through</u>	
FERRARI	F 355	1998	235	January 1998      May 1998	Vehicle Assembly Numbers between 28453 and 29841

03V-132 (2)

FERRARI NORTH AMERICA, INC.  
250 SYLVAN AVENUE  
ENGLEWOOD CLIFFS, NJ 07632  
June 12, 1998

VEHICLE SAFETY DEFECT  
INITIAL INFORMATION REPORT  
F355 POWER STEERING COLUMN CONNECTION  
RECALL No. 163

**A) DESCRIPTION OF DEFECT:**

On Ferrari Vehicles: Model year 1998 F 355 with Vehicle Assembly Numbers between 28453 and 29841

The torque of the power steering column nut may be insufficient.  
Should such a condition occur, impairment of the vehicle handling may result.

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

The Ferrari Factory informed us of the possible condition.

**C) MEASURES TO BE TAKEN TO REPAIR VEHICLE:**

The remedy consists of checking the proper positioning of the splines on the power steering column extension and tightening the bolt to a torque of 23 Nm. This operation will be performed free of charge to the vehicle owner, and will require approximately 0.2 hours.

**ESTIMATED INITIATION OF CORRECTIVE ACTION:**

June, 1998

**RECALL CAMPAIGN NO. 163**

**DRAFT**

93V-132 (04)

**INTRODUCTION :** Power Steering Column Connection

**SUBJECT :** Recall Campaign No. 163

**VEHICLES :** Ferrari F 355 M.Y. 1998 with a vehicle identification number between 111357 and 112735 and assembly number between 28453 and 29841

**CONDITION :** The torque of the power steering column nut may be insufficient. Should such a condition occur, impairment of the vehicle handling may result.

**REMEDY :** Checking the positioning of the splines on the power steering rack extension and tightening the bolt to a torque of 23 Nm.

<b>LABOR :</b>	MEDEA Recall number	1630	Defect Code	01
	Component Code	5107	Cost Code	24
	Labor Operation	51360	Time	.2 Hours

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

INSTRUCTIONS FOR THE POWER STEERING COLUMN CONNECTION W-152 (35)

A: Procedure for installation

- 1) Check the alignment and positioning of the splines on the steering column extension (Part Number 157543) Adjust if necessary.
- 2) Check the correct tightening of the nut/bolt (Part Numbers 150427 / 150428) applying the tightening torque of 23 Nm.

**NOTE: FOR IDENTIFICATION PURPOSES, PLEASE PAINT THE NUT (PART NUMBER 150427) WITH YELLOW PAINT.**

**IF YOU FIND INCORRECT TORQUE VALUES WHILE CHECKING THESE CARS; PLEASE INFORM US VIA A MALFUNCTION REPORT FAX.**

**DRAFT**

June 1998

AV-182 (30)

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect exists in certain 1998 model year F355 Ferrari vehicles.

On vehicles with the vehicle identification numbers between 111357 and 112735, which have a vehicle assembly number between 28453 and 29841, the torque of the power steering column nut may be insufficient. Should such a condition occur, the result would be impairment of the vehicle handling.

Tightening the torque of the power steering column extension nut will eliminate the above-described defect.

The corrective action will require approximately 0.2 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

DRAFT

June 9, 1998

CV-332 (1)

«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 Title 49, United States Code, Part A, Subchapter II.

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect exists in certain 1998 model year F355 Ferrari vehicles.

On vehicles with the vehicle identification numbers between 111357 and 112735, which have a vehicle assembly number between 28453 and 29841, the torque of the power steering column nut may be insufficient. Should such a condition occur, the result would be impairment of the vehicle handling.

The correct torquing of the power steering column extension nut will eliminate the above-described defect.

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 if necessary.

The corrective action for the above listed repair will be performed free of charge to you and will require approximately 0.2 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

SPV-112 (00)

(201) 816-2651 (National Technical Office)

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

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

Best Regards,

William S. Story  
Director of Technical Services

WSS:cc



# Ferrari

Ferrari North America, Inc.

July 7, 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 163 (98V-132)

Dear Ms. DeMeter:

For your records, enclosed please find a copy of the Ferrari North America Recall booklet for Recall 163 (98V-132), which was sent to all of the authorized Ferrari dealers within our network

Thank you.

Best regards,

*Concetta Ciaccio*

Concetta Ciaccio  
Executive Assistant

Enclosure

Q:RECALL163V132-BOOK

RECEIVED  
93 JUL 14 AM 11:26  
OFFICE  
DEFECTS INVESTIGATION



# RECALL CAMPAIGN

REF. NO. 163  
POWER STEERING COLUMN  
CONNECTION  
F 355

JULY 1998

READ, INITIAL  
AND PASS ON »

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk

June 1998

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect exists in certain 1998 model year F355 Ferrari vehicles.



On vehicles with the vehicle identification numbers between 111357 and 112735, which have a vehicle assembly number between 28453 and 29841, the torque of the power steering column nut may be insufficient. Should such a condition occur, the result would be impairment of the vehicle handling.

Tightening the torque of the power steering column extension nut will eliminate the above-described defect.

The corrective action will require approximately **0.2 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. 163

**INTRODUCTION :** Power Steering Column Connection

**SUBJECT :** Recall Campaign No. 163

**VEHICLES :** Ferrari F 355 M.Y. 1998 with a vehicle identification number between 111357 and 112735 and assembly number between 28453 and 29841

**CONDITION :** The torque of the power steering column nut may be insufficient. Should such a condition occur, impairment of the vehicle handling may result.

**REMEDY :** Checking the positioning of the splines on the power steering rack extension and tightening the bolt to a torque of 23 Nm.

**LABOR :**

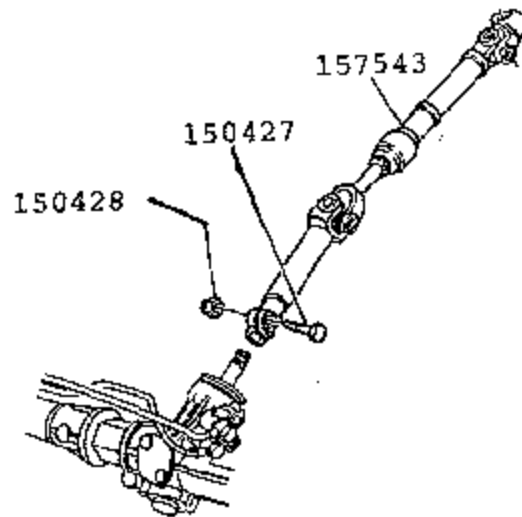
MEDEA Recall number	1630	Defect Code	01
Component Code	5107	Cost Code	24
Labor Operation	51360	Time	.2 Hours

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



## INSTRUCTIONS FOR THE POWER STEERING COLUMN CONNECTION

### A: Procedure for Installation



- 1) Check the alignment and positioning of the splines on the steering column extension (Part Number 157543) Adjust if necessary.
- 2) Check the correct tightening of the nut/bolt (Part Numbers 150427 / 150428) applying the tightening torque of 23 Nm.

**NOTE: FOR IDENTIFICATION PURPOSES, PLEASE PAINT THE NUT (PART NUMBER 150427) WITH YELLOW PAINT.**

**IF YOU FIND INCORRECT TORQUE VALUES WHILE CHECKING THESE CARS, PLEASE INFORM US VIA A MALFUNCTION REPORT FAX.**

**Recall Campaign 163**  
**Power Steering Column Connection**

**Affected Serial Number Listing**

111357	F355 SP USA MY98
111358	F355 SP USA MY98
111415	F355 F1 B USA MY98
111417	F355F1 GTS USAMY98
111424	F355 F1 B USA MY98
111427	F355F1 GTS USAMY98
111433	F355 F1 B USA MY98
111436	F355F1 GTS USAMY98
111441	F355 SP CANADA MY98
111443	F355 F1 B USA MY98
111446	F355F1 GTS USAMY98
111451	F355 F1 B USA MY98
111452	F355F1 GTS USAMY98
111457	F355 F1 B USA MY98
111460	F355F1 GTS USAMY98
111463	F355 B USA MY98
111466	F355 F1 B USA MY98
111471	F355 B USA MY98
111474	F355 SP USA MY98
111478	F355 F1 B USA MY98
111485	F355 B USA MY98
111492	F355 F1 B USA MY98
111503	F355 F1 B USA MY98
111509	F355 GTS USA MY98
111514	F355 F1 B USA MY98
111521	F355 GTS USA MY98
111564	F355 F1 B USA MY98
111575	F355 F1 B USA MY98
111581	F355 SP USA MY98
111582	F355 SP USA MY98
111588	F355 F1 B USA MY98
111596	F355 SP USA MY98
111597	F355 SP USA MY98
111603	F355 F1 B USA MY98
111607	F355 B USA MY98
111609	F355 SP USA MY98
111616	F355 F1 B USA MY98
111623	F355 SP USA MY98
111624	F355 SP USA MY98
111631	F355 F1 B USA MY98
111635	F355 CHALLENGE
111638	F355 SP USA MY98
111644	F355 F1 B USA MY98
111649	F355 B CANADA MY98
111652	F355 SP USA MY98
111658	F355 F1 B USA MY98
111665	F355 SP USA MY98
111671	F355 F1 B USA MY98



Recall Campaign 163  
Power Steering Column Connection

Affected Serial Number Listing

111672	F355 F1 B CND MY98
111680	F355 SP USA MY98
111692	F355 SP USA MY98
111693	F355 SP USA MY98
111702	F355F1 GTS USAMY98
111705	F355 SP USA MY98
111706	F355 SP USA MY98
111713	F355F1 GTS USAMY98
111714	F355F1 GTSCDN MY98
111717	F355 CHALLENGE
111721	F355 SP USA MY98
111729	F355F1 GTS USAMY98
111734	F355 SP USA MY98
111744	F355F1 GTS USAMY98
111748	F355 SP USA MY98
111749	F355 SP USA MY98
111756	F355F1 GTS USAMY98
111761	F355 SP USA MY98
111762	F355 SP USA MY98
111772	F355F1 GTS USAMY98
111774	F355 CHALLENGE
111777	F355 SP USA MY98
111785	F355F1 GTS USAMY98
111787	F355 CHALLENGE
111791	F355 SP USA MY98
111820	F355F1 GTS USAMY98
111821	F355F1 GTSCDN MY98
111828	F355 SP USA MY98
111829	F355 SP USA MY98
111840	F355 CHALLENGE
111842	F355 SP USA MY98
111844	F355 SP USA MY98
111850	F355F1 GTS USAMY98
111856	F355 SP USA MY98
111857	F355 SP USA MY98
111869	F355 CHALLENGE
111871	F355 SP USA MY98
111872	F355 SP USA MY98
111882	F355F1 SP USA MY98
111885	F355 SP USA MY98
111886	F355 SP USA MY98
111867	F355 SP USA MY98
111898	F355F1 SP USA MY98
111899	F355F1 SP USA MY98
111902	F355 SP USA MY98
111903	F355 SP USA MY98
111913	F355F1 SP USA MY98
111914	F355F1 SP USA MY98



Recall Campaign 163  
Power Steering Column Connection

Affected Serial Number Listing

111920	F355 SP USA MY98
111931	F355F1 SP USA MY98
111932	F355F1 SP USA MY98
111935	F355 SP USA MY98
111936	F355 SP USA MY98
111946	F355F1 SP USA MY98
111947	F355F1 SP USA MY98
111951	F355 SP USA MY98
111964	F355F1 SP USA MY98
111965	F355F1 SP USA MY98
<del>111966</del>	<del>F355 SP USA MY98</del>
111969	F355 SP USA MY98
111981	F355F1 SP USA MY98
111982	F355F1 SP USA MY98
111987	F355 SP USA MY98
111998	F355F1 SP USA MY98
<del>112001</del>	<del>F355 SP USA MY98</del>
112002	F355 SP USA MY98
112012	F355F1 SP USA MY98
<del>112013</del>	<del>F355F1 SP USA MY98</del>
<del>112014</del>	<del>F355 SP USA MY98</del>
112029	F355F1 SP USA MY98
112030	F355F1 SP USA MY98
112031	F355 CHALLENGE
112034	F355 SP USA MY98
<del>112035</del>	<del>F355 SP USA MY98</del>
112043	F355F1 GTS USAMY98
112045	F355F1 SP USA MY98
<del>112053</del>	<del>F355 F1 B USA MY98</del>
112065	F355 SP USA MY98
<del>112066</del>	<del>F355 SP USA MY98</del>
112073	F355 F1 B USA MY98
<del>112074</del>	<del>F355 F1 B USA MY98</del>
112080	F355 CHALLENGE
<del>112083</del>	<del>F355 SP USA MY98</del>
<del>112081</del>	<del>F355 F1 B USA MY98</del>
<del>112092</del>	<del>F355 F1 B USA MY98</del>
<del>112096</del>	<del>F355 SP USA MY98</del>
112099	F355 SP USA MY98
112106	F355 F1 B USA MY98
112107	F355 F1 B USA MY98
112112	F355 CHALLENGE
<del>112120</del>	<del>F355 F1 B USA MY98</del>
<del>112124</del>	<del>F355 F1 B USA MY98</del>
<del>112132</del>	<del>F355 SP USA MY98</del>
112145	F355 F1 B USA MY98
<del>112146</del>	<del>F355 F1 B USA MY98</del>
<del>112147</del>	<del>F355 F1 B USA MY98</del>





Recall Campaign 163  
Power Steering Column Connection

Affected Serial Number Listing

112185	F355F1 GTS USAMY98
112186	F355F1 GTS USAMY98
112181	F355F1 SP USA MY98
112182	F355F1 SP USA MY98
112183	F355F1 SP USA MY98
112184	F355F1 SP USA MY98
112188	F355 SP USA MY98
112181	F355 SP USA MY98
112182	F355 SP USA MY98
112194	F355 F1 B CND MY98
112215	F355F1 SP CDN MY98
112217	F355 SP CANADA MY98
112222	F355 F1 B CND MY98
112224	F355F1 GTS USAMY98
112235	F355 F1 B CND MY88
112254	F355F1 SP CDN MY98
112263	F355 F1 B CND MY98
112264	F355F1 GTS USAMY98
112280	F355 CHALLENGE
112281	F355 CHALLENGE
112292	F355F1 SP CDN MY98
112302	F355F1 GTS USAMY98
112303	F355F1 SP USA MY98
112305	F355F1 SP USA MY98
112313	F355F1 GTS USAMY98
112319	F355F1 SP USA MY98
112320	F355F1 SP USA MY98
112321	F355 CHALLENGE
112333	F355F1 SP USA MY98
112334	F355F1 SP USA MY98
112336	F355 CHALLENGE
112348	F355F1 SP USA MY98
112349	F355F1 SP USA MY98
112350	F355F1 SP CDN MY98
112366	F355F1 SP USA MY98
112367	F355F1 SP USA MY98
112368	F355F1 SP USA MY98
112381	F355F1 SP USA MY98
112382	F355F1 SP CDN MY98
112397	F355F1 SP USA MY98
112398	F355F1 SP USA MY98
112401	F355 SP CANADA MY98
112413	F355F1 SP USA MY98
112414	F355F1 SP USA MY98
112415	F355F1 SP CDN MY98
112424	F355F1 SP USA MY98
112425	F355F1 SP USA MY98



Recall Campaign 163  
Power Steering Column Connection

Affected Serial Number Listing

112426	F355F1 SP CDN MY98
112440	F355F1 SP USA MY98
112441	F355F1 SP USA MY98
112467	F355F1 SP USA MY98
112458	F355F1 SP USA MY98
112459	F355F1 SP CDN MY98
112473	F355F1 SP USA MY98
112476	F355F1 SP USA MY98
112488	F355F1 SP USA MY98
112489	F355F1 SP USA MY98
112490	F355 F1 B USA MY98
112503	F355F1 SP USA MY98
112504	F355F1 SP USA MY98
112518	F355F1 SP USA MY98
112519	F355F1 SP USA MY98
112520	F355F1 SP USA MY98
112581	F355 F1 B USA MY98
112582	F355 F1 B USA MY98
112583	F355 F1 B CDN MY98
112576	F355 F1 B USA MY98
112576	F355 GTS USA MY98
112576	F355 F1 B USA MY98
112576	F355 GTS USA MY98
112576	F355 F1 B CDN MY98
112576	F355F1 GTS USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 GTS USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355 F1 B USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 GTS USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98
112576	F355F1 SP USA MY98

All highlighted and bolded serial no.'s have had Recall 163 performed already.



Ferrari North America, Inc.

July 10, 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 Title 49, United States Code, Part A, Subchapter II.

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has determined that a defect which relates to motor vehicle safety exists in certain 1998 model year F355 Ferrari vehicles.

On vehicles with the vehicle identification numbers between 111357 and 112735, which have a vehicle assembly number between 28453 and 29841, the torque of the power steering column nut may be insufficient. Should such a condition occur, the result would be impairment of the vehicle handling.

Correcting the torque of the power steering column extension nut will eliminate the above-described defect.

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 if necessary.

The corrective action for the above listed repair will be performed free of charge to you and will require approximately **0.2 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.

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250 Sylvan Avenue  
Englewood Cliffs, NJ 07632

(201) 816-2651 (National Technical Office)

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

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

Best Regards,

William S. Story  
Director of Technical Services

WSS:cc