

**Ferrari**



# RECALL CAMPAIGN

**REF. NO. 33  
HANDBRAKE MECHANISM**

**550 MARANELLO  
550 BARCETTA  
456M**

**JUNE 2001**

**READ, INITIAL  
AND PASS ON »**

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk

July, 2001

Dear Ferrari Dealer:

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

On certain Ferrari vehicles, the handbrake ratchet mechanism did not receive the proper hardness treatment of the ratchet teeth. The vehicles affected are as follows:

- Model year 2001, 550 Maranello, with Vehicle Identification Numbers from 123557 to 124888, which have a Vehicle Assembly Number from 40803 to 41658,
- Model year 2001, 550 Barchetta, with Vehicle Identification Numbers from 123674 to 124052, which have a Vehicle Assembly Number from 40761 to 41570,
- Model year 2001, 456M, with Vehicle Identification Numbers from 123278 to 124615, which have a Vehicle Assembly Number from 40848 to 41573,

As a result of the lack of hardness treatment, the ratchet teeth may become damaged. If the ratchet mechanism teeth become damaged, failure of the handbrake to operate as expected would result. If this problem was to exist and the vehicle's use was continued in this condition, it would be possible that the handbrake would not function and could result in damage to the vehicle or property.

The remedy consists of removing the handbrake ratchet mechanism protective cover and verifying the production code of the ratchet mechanism and if necessary replacing it with a new mechanism that has been properly treated for hardness.

This operation will be performed free of charge to the vehicle owner, and will require up to approximately 1.2 hours to complete.

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.

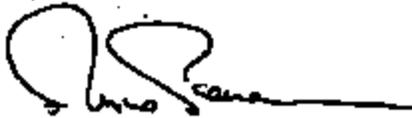
You must order the parts as required from our Parts Department.

Upon transmittal of the repair under the normal warranty system, we will of course reimburse you for the parts and 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 'Enzo Francesconi', with a long horizontal flourish extending to the right.

Enzo Francesconi  
Director of Technical Services

**RECALL CAMPAIGN NO. 33**  
**550 Maranello – 550 Barchetta – 456M**  
**Handbrake Mechanism**  
**RECALL CAMPAIGN OVERVIEW**

**INTRODUCTION:** Ferrari 550 Maranello – 550 Barchetta – 456M Handbrake Mechanism

**SUBJECT:** Recall Campaign No. 33

**VEHICLES:** See the attached list of affected vehicles

- Model year 2001, 550 Maranello, with Vehicle Identification Numbers from 123557 to 124888, which have a Vehicle Assembly Number from 40803 to 41658,
- Model year 2001, 550 Barchetta, with Vehicle Identification Numbers from 123674 to 124052, which have a Vehicle Assembly Number from 40761 to 41570,
- Model year 2001, 456M, with Vehicle Identification Numbers from 123278 to 124615, which have a Vehicle Assembly Number from 40848 to 41573,

**CONDITION:** The handbrake ratchet mechanism did not receive the proper hardness treatment of the ratchet teeth. As a result of the lack of hardness treatment, the ratchet teeth may become damaged. If the ratchet mechanism teeth become damaged, failure of the handbrake to operate as expected would result. If this problem was to exist and the vehicle's use was continued in this condition, it would be possible that handbrake would not function and could result in damage to the vehicle or property.

**REMEDY:** The remedy consists of removing the handbrake ratchet mechanism protective cover and verifying the production code of the ratchet mechanism. Handbrake ratchet mechanisms with the production codes 11C1, 12C1, 13C1, 14C1, 15C1, 16C1, 17C1, 18C1 and 19C1 must be replaced with a new mechanism that has been properly treated for hardness.

**PARTS:** The parts required for this repair are identified by the following part numbers:

Part Number	Quantity	Description
66956100	1	Handbrake Mechanism Kit

The Handbrake mechanism kit (66956100) contains the following parts:

Part Number	Quantity	Description
191635	1	PIN
191637	1	Spacer
191638	1	Circlip
191636	2	Shim
191634	1	Ratchet mechanism

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**550 Maranello – 550 Barchetta – 456M**  
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**LABOR:**

**Verification only of the handbrake mechanism:**

Cost Code .....	24
Campaign Number .....	33
Defect Code.....	01
Component Code.....	420 020
Labor Operation (includes all labor) .....	940 026 0
Total Operation Time .....	0.2 hours

**Verification and replacement of the handbrake mechanism:**

Cost Code .....	24
Campaign Number .....	33
Defect Code.....	01
Component Code.....	420 020
Labor Operation (includes all labor) .....	420 020 9
Total Operation Time (550 Maranello, 550 Barchetta).....	1.2 hours
Total Operation Time (456M).....	0.8 hours

**REIMBURSEMENT:**

Upon receipt of a warranty claim via M.O.D.I.S.

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**550 Maranello – 550 Barchetta – 456M**  
**Handbrake Mechanism**  
**Technical Instructions**

**DRAFT**

**NOTE:** Before starting this procedure, you **MUST** read these instructions carefully and completely.

**Procedure:**

**Verification:**

- Remove the protective cover from the handbrake mechanism.
- Verify the production code on the ratchet mechanism (Item 5, Fig. 1). It may require the use of an inspection mirror to see the code.
- If the production code on the ratchet mechanism is listed below you must replace the mechanism (see the section on replacement in this document).
- If the production code on the ratchet mechanism **IS NOT** on the list below, refit the protective cover, the recall is complete.

**Handbrake ratchet mechanisms with the production codes 11C1, 12C1, 13C1, 14C1, 15C1, 16C1, 17C1, 18C1 and 19C1 must be replaced with a new mechanism that has been properly treated for hardness.**

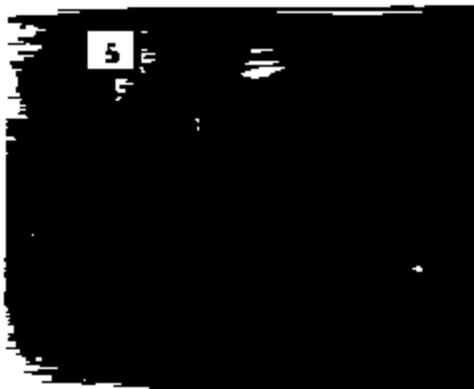


Fig.1



Fig.2

**Verification and Replacement:**

- Remove the protective cover from the handbrake mechanism.
- Protect the leather that covers the handbrake lever to prevent possible damage.
- Disassemble and remove the handbrake mechanism from the vehicle, disconnecting the warning lamp electric wire.
- On the bench, remove the circlip from its seat and remove the spacer and shaft (Fig. 2).
- Remove the warning lamp switch from the mechanism.

**NOTE:** To ensure the correct reassembly, before removing the lever from the mechanism it is advisable to verify the position.

- Separate the mechanism from the handbrake lever.

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**550 Maranello – 550 Barchetta – 456M**  
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- Replace the mechanism with the new one (part number 191634) reinserting the shims between the mechanism and the support. (Fig. 3).



Fig.3

**NOTE:** Normally the shims required are two per side, but in the case that the handbrake lever is not centered, it will be necessary to adjust the position using other shims.

- Once the lever has been centered on the mechanism, insert the shaft, the spacer and the circlip adding some grease to lubricate the joint.
- Refit the warning lamp switch.
- Refit the complete handbrake mechanism into the vehicle and reconnect the electric wire to the switch.
- The updated vehicles must be marked for identification by means of yellow paint on the mechanism support,
- Refit the protective cover and be sure the area is clean.

**NOTE:** The mechanisms that are replaced must be returned to FNA for the eventual return to the supplier.

**Recall #33**  
**List of Affected Vehicles**  
**550 Maranello - 550 Barchetta - 456M**  
**Handbrake Mechanism**

<u>Vehicle Identification Number</u>	<u>Vehicle Assembly Number</u>	<u>Notes</u>
123278	40848	
123280	40876	
123281	40912	Performed by Ferrari NA
123484	41005	Performed by Ferrari NA
123557	40803	Performed by Ferrari NA
123559	40804	
123560	40820	
123561	40839	
123562	40824	
123563	40879	
123564	40849	
123565	40872	
123566	40931	
123567	40883	
123568	40910	
123570	40829	
123571	40883	
123572	40861	
123575	40936	
123674	40888	Performed by Ferrari NA
123675	41117	Performed by Ferrari NA
123676	41124	Performed by Ferrari NA
123686	40964	Performed by Ferrari NA
123691	40781	
123692	40782	Performed by Ferrari NA
123693	40801	
123696	41149	
123747	40865	
123756	40863	
123757	41023	
123758	41024	
123760	41042	
123831	41260	Performed by Ferrari NA
123836	41050	Performed by Ferrari NA
123842	41061	
123843	41083	
123844	41350	Performed by Ferrari NA
123845	41127	Performed by Ferrari NA
123846	41160	

**Recall #33**  
**List of Affected Vehicles**  
**550 Maranello - 550 Barchetta - 456M**  
**Handbrake Mechanism**

<u>Vehicle Identification Number</u>	<u>Vehicle Assembly Number</u>	<u>Notes</u>
123848	41316	Performed by Ferrari NA
123862	41490	Performed by Ferrari NA
123833	41146	Performed by Ferrari NA
123934	41147	Performed by Ferrari NA
124008	41183	Performed by Ferrari NA
124009	41189	Performed by Ferrari NA
124011	41239	Performed by Ferrari NA
124012	41222	Performed by Ferrari NA
124013	41283	Performed by Ferrari NA
124014	41281	Performed by Ferrari NA
124015	41294	Performed by Ferrari NA
124017	41292	Performed by Ferrari NA
124028	41314	Performed by Ferrari NA
124042	41419	Performed by Ferrari NA
124043	41423	Performed by Ferrari NA
124044	41449	Performed by Ferrari NA
124047	41506	Performed by Ferrari NA
124048	41507	Performed by Ferrari NA
124050	41513	Performed by Ferrari NA
124062	41570	Performed by Ferrari NA
124431	41187	Performed by Ferrari NA
124432	41223	Performed by Ferrari NA
124686	41225	Performed by Ferrari NA
124603	41265	Performed by Ferrari NA
124604	41298	Performed by Ferrari NA
124605	41321	Performed by Ferrari NA
124607	41539	Performed by Ferrari NA
124608	41418	Performed by Ferrari NA
124610	41424	Performed by Ferrari NA
124615	41573	Performed by Ferrari NA
124679	41450	Performed by Ferrari NA
124680	41458	Performed by Ferrari NA
124683	41571	Performed by Ferrari NA
124684	41632	Performed by Ferrari NA
124688	41658	Performed by Ferrari NA

July 10, 2001

«FIRST» «LAST»  
«ADD1»  
«ADD2»  
«CITY», «ST» «ZIP»

Serial Number: «VIN»

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 2001 model year Ferrari vehicles.**

**On certain Ferrari vehicles, the handbrake ratchet mechanism did not receive the proper hardness treatment of the ratchet teeth. The vehicles affected are as follows:**

- **Model year 2001, 550 Maranello, with Vehicle Identification Numbers from 123557 to 124888, which have a Vehicle Assembly Number from 40803 to 41658,**
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**As a result of the lack of hardness treatment, the ratchet teeth may become damaged. If the ratchet mechanism teeth become damaged, failure of the handbrake to operate as expected would result. If this problem was to exist and the vehicle's use was continued in this condition, it would be possible that handbrake would not function and could result in damage to the vehicle or property.**

**The remedy consists of removing the handbrake ratchet mechanism protective cover and verifying the production code of the ratchet mechanism and if necessary replacing it with a new mechanism that has been properly treated for hardness.**

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 up to approximately 1.2 hours to complete. Please plan, however, to leave your vehicle with the dealership to allow the dealer some flexibility for scheduling your repairs.

By the time you receive this letter, the Authorized Ferrari Dealers will have been supplied with the parts and 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 of Ferrari North America, Inc. at:

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, 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 Hotline at 888-327-4236.

If you no longer own this vehicle or your address has changed, please complete the enclosed prepaid yellow card and return it to Ferrari North America, Inc.

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

Best Regards,

A handwritten signature in black ink, appearing to read 'Enzo Francesconi', with a long horizontal flourish extending to the right.

Enzo Francesconi  
Director of Technical Services