

00V-078

# RECALL CAMPAIGN

**REF. NO. 19  
BRAKE AND CLUTCH FLUID  
RESERVOIR HOSES  
360 MODENA / 360 MODENA F1**

**MARCH 2000**

READ, INITIAL  
AND PASS ON »

Service Manager	Parts Manager	Service Writer	Technician				Warranty Clerk



Ferrari North America, Inc.

March 21, 2000

Dear Ferrari Dealer:

Ferrari S.p.A., the manufacturer of Ferrari automobiles, has decided that a defect, which relates to motor vehicle safety exists in certain 1999 model year Ferrari 360 Modena vehicles.



On certain Ferrari vehicles, 1999 model year 360 Modena / 360 Modena F1, with Vehicle Identification Numbers from 114015 to 116629, which have a Vehicle Assembly number from 32108 to 33650, the brake and clutch fluid reservoir hoses may not be resistant to brake fluid, which could cause a failure of the hoses. Should a failure of a hose occur, the result would be illumination of the brake failure light, followed by loss of vehicle braking efficiency. If the vehicle's use is continued despite an illuminated brake failure light eventual brake failure can occur and can result in a vehicle crash. On the non-F1 model, if the clutch hose should fail, the result would be the same as above but with diminished ability to use the clutch and change gears.

The remedy consists of first checking the hose identifier code and if required, installing new hoses that are resistant to brake fluid. Only hoses with the identifier "B5 TXA 120" are suitable for brake fluid. See the enclosed technical instructions.

The corrective action will require approximately 1.0 hour.

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 and parts 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,

Enzo Francesconi  
Director of Technical Services

## RECALL CAMPAIGN NO. 19

**INTRODUCTION :** Ferrari 360 Modena / 360 Modena F1 Brake and Clutch Fluid Reservoir Hoses

**SUBJECT :** Recall Campaign No. 19

**VEHICLES :** Ferrari Model year 1999 360 Modena / 360 Modena F1 with Vehicle Assembly Numbers from 32108 to 33650 and Vehicle Identification Numbers from 114015 to 116629.  
See attached list of affected vehicles.

**CONDITION :** The brake and clutch fluid reservoir hoses may not be resistant to brake fluid, which could cause a failure of the hoses. Should a failure of a hose occur, the result would be illumination of the brake failure light, followed by loss of vehicle braking efficiency. If the vehicle's use is continued despite an illuminated brake failure light eventual brake failure can occur and can result in a vehicle crash. On the non-F1 model, if the clutch hose should fail, the result would be the same as above but with diminished ability to use the clutch and change gears.

**REMEDY :** The remedy consists of first checking the hose identifier code and if required, installing new hoses that are resistant to brake fluid. Only hoses with the identifier "B5 TXA 120" are suitable for fluid. See the enclosed technical instructions.

**PARTS :** The new hoses are identified by the following part numbers and must have the identifier "B5 TXA 120":

<u>New Part Number</u>	<u>Quantity</u>	<u>Description</u>
105857	1	Hose
182244	1	Hose
182245	1	Hose (non-F1 model only)

**LABOR :**

Campaign Number	19	Defect Code	01
Component Code	420083	Cost Code	24
Labor Operation and Time:			
Inspection Only:	4200831	0.2 Hours	
Inspection & Replacing	4200832	1.0 Hours	
Replacement of clutch hose (non-F1 model only)	2101161	0.3 Hours	

**REIMBURSEMENT :** Upon receipt of warranty claim via M.O.D.I.S.

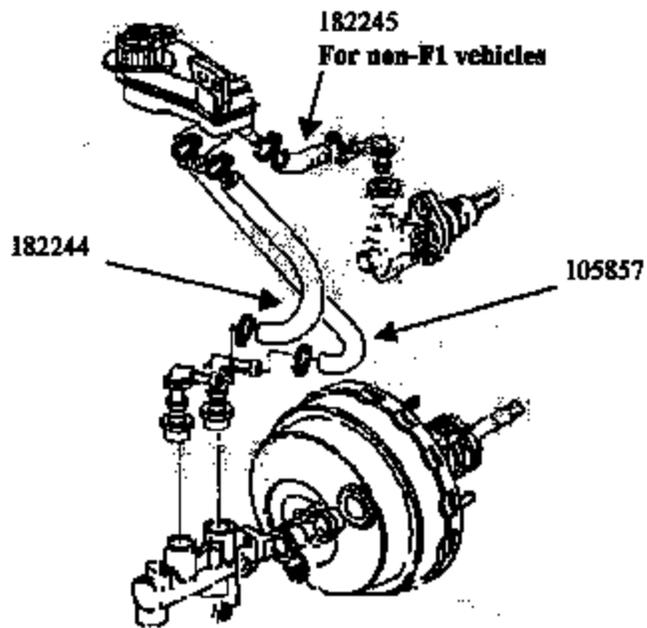
**RECALL # 19**  
**Clutch and Brake Fluid Reservoir Hose**  
**Inspection / Replacement**  
**360 Modena / 360 Modena F1**

**Technical Instructions (see diagram on next page)**

1. Remove the brake fluid reservoir cover, inspect the brake and clutch fluid reservoir hoses for the Identifier "B5 TXA 120". Only hoses with this identifier are suitable for use with brake fluid.
  - a. If the hoses do not have this identifier proceed to step number 2 below.
  - b. If the hoses have the correct identifier no additional work is required.
  - c. If for some reason the identifier on the hoses is illegible proceed to step number 2 below.
2. Remove the front luggage compartment cover
3. Place a protective device under the master cylinder / reservoir area, such as a towel or plastic sheet, to protect against possible fluid spillage.

**CAUTION: Brake fluid may damage painted surfaces**

4. Remove brake fluid from reservoir using a suitable tool (suction bulb).
5. Disconnect both brake hoses (and the clutch pump hose for non-F1 cars) from the master cylinder and allow remaining brake fluid to drain into a suitable container.
6. Once draining is complete, remove hoses from reservoir.
7. Transfer existing clamps onto replacement hoses.
8. Plug one end of each hose.
9. Install replacement hoses to reservoir and secure.
10. Slowly fill the reservoir with brake fluid (see owner's manual for specific type).
11. Unplug one hose and allow the brake fluid to push the air out.
12. Once the air is displaced, install the hose onto the master cylinder and secure with clamp.
13. Repeat the same procedure for the other hose (and clutch pump hose for non-F1 cars).
14. Carefully clean the hoses of excess brake fluid.
15. Fill reservoir to specified level and install the cap.
16. Test the brake operation (and clutch operation for non-F1 cars)
17. Check all hoses for fluid leaks.



**Recall #19**  
**List of Affected Serial Numbers**  
**360 MODENA / 360 MODENA F1**

<b>Serial No.</b>	<b>Assy. No.</b>	
114015	32108	
114021	32486	
115013	32528	
<b>115014</b>	<b>32811</b>	<b>Performed by Ferrari *</b>
115015	32686	
115016	32760	
<b>115017</b>	<b>32828</b>	<b>Performed by Ferrari *</b>
115018	32863	
<b>115019</b>	<b>32875</b>	<b>Performed by Ferrari *</b>
<b>115250</b>	<b>33097</b>	<b>Performed by Ferrari *</b>
115251	33293	
115471	32972	
116132	33129	
116133	33252	
<b>116172</b>	<b>33228</b>	<b>Performed by Ferrari *</b>
116174	33242	
116177	33271	
116179	33359	
<b>116351</b>	<b>33424</b>	<b>Performed by Ferrari *</b>
116352	33291	
116353	33313	
116354	33319	
116423	33458	
<b>116442</b>	<b>33464</b>	<b>Performed by Ferrari *</b>
<b>116443</b>	<b>33480</b>	<b>Performed by Ferrari *</b>
116444	33508	
<b>116447</b>	<b>33579</b>	<b>Performed by Ferrari *</b>
116470	33536	
116471	33632	
<b>116472</b>	<b>33608</b>	<b>Performed by Ferrari *</b>
<b>116586</b>	<b>33612</b>	<b>Performed by Ferrari *</b>
<b>116587</b>	<b>33650</b>	<b>Performed by Ferrari *</b>
116590	33636	
<b>116629</b>	<b>33642</b>	<b>Performed by Ferrari *</b>

\* On these vehicles, this recall #19 has already been completed by Ferrari and does not need to be performed again.

# Ferrari

March 21, 2000

Ferrari North America, Inc.

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

Serial Number: «AOMAT»  
Assembly Number: «ASSY»



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 1999 model year Ferrari 360 Modena.

On certain Ferrari vehicles, 1999 model year 360 Modena / 360 Modena F1, with Vehicle Identification Numbers from 114015 to 116629, which have a Vehicle Assembly number from 32108 to 33650 the brake and clutch fluid reservoir hoses may not be resistant to brake fluid, which could cause a failure of the hoses. Should a failure of a hose occur, the result would be illumination of the brake failure light, followed by loss of vehicle braking efficiency. If the vehicle's use is continued despite an illuminated brake failure light eventual brake failure can occur and can result in a vehicle crash. On the non-F1 model, if the clutch hose should fail, the result would be the same as above but with diminished ability to use the clutch and change gears.

The remedy consists of first checking the hose identifier code and if required, installing new hoses that are resistant to brake fluid.

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 1.0 hour 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 Dealers 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 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 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,

A handwritten signature in black ink, appearing to read 'Enzo Francesconi', written over a horizontal line.

Enzo Francesconi  
Director of Technical Services

EF: rp