

Ferrari North America, Inc.

March, 2022

Dear Ferrari Dealer:



Ferrari has decided that a defect that relates to motor vehicle safety exists in Model Years 2010 through 2019, Ferrari 458 Italia, 458 Spider, 458 Speciale, 458 Speciale A, 488 GTB, 488 Spider. VIN No. 169428 to VIN No 248560.

The vehicles involved are equipped with a brake fluid reservoir cap that may not provide the proper ventilation needed to maintain atmospheric pressure inside the tank. This condition may cause partial or complete loss of the car's braking capacity. For this reason, the brake fluid reservoir cap must be replaced. At the same time, the Instrument Panel Node (NQS) software must also be updated. This update will modify the message displayed if the low brake fluid level warning light comes on, prompting the driver to get towed to a **Ferrari** dealer. Additionally, Ferrari will provide you with a supplementary adhesive leaflet that must be inserted in the Owner's Manual to update the description of the "low brake oil level" warning light. We want to assure you that our clients' safety is our priority, and we are committed to correcting this condition in their vehicles.

IMPORTANT

Ferrari will be notifying ALL affected MY 2010 through 2019 vehicle owners nationwide with a letter indicating that the vehicle must be brought in immediately and the replacement parts will be installed free of charge.

Owners may contact Ferrari North America at (201) 816-2703; Ferrari's campaign number for this recall is C24000078.

Ferrari North America has auto shipped an initial quantity of caps and adhesive leaflets to your dealership. Please refrain from ordering any additional caps until further communication from the Parts Department. Upon completion of the repair, we will reimburse you for the labor necessary to carry out this campaign under the normal warranty system.

*Technical Department
Ferrari North America, Inc.*



U.S.A. RECALL CAMPAIGN NO. C24000078



458 Italia, 458 Spider, 458 Speciale, 458 Speciale A, 488 GTB, 488 Spider

Model Year 2010 through 2019

Replacement of brake fluid reservoir cap and updating of Instrument Panel Node (NQS) software

RECALL CAMPAIGN OVERVIEW

INTRODUCTION: Ferrari 458 Italia, 458 Spider, 458 Speciale, 458 Speciale A, 488 GTB, 488 Spider

SUBJECT: Recall Campaign No. C24000078

VEHICLES: MY2010 through 2019, Ferrari 458 Italia, 458 Spider, 458 Speciale, 458 Speciale A, 488 GTB, 488 Spider. VIN No. 169428 to 248560 (see Modis for VINs involved).

CONDITION: The vehicles involved are equipped with a brake fluid reservoir cap that may not provide the proper ventilation needed to maintain proper atmospheric pressure inside the tank. This condition may cause partial or complete loss of the car's braking capacity. At the same time, the Instrument Panel Node (NQS) software must also be updated. This update will modify the message displayed if the low brake fluid level warning light comes on, prompting the driver to get towed to a **Ferrari** dealer

REMEDY: Ferrari will repair the vehicle free of charge. The repair involves replacing the brake fluid reservoir cap and updating the NQS software to display a modified message. Additionally, a supplementary adhesive leaflet needs to be inserted in the Owner's Manual of the vehicle to update the error message description.



RECALL CAMPAIGN OVERVIEW (cont.)

PARTS INVOLVED:

The parts necessary to implement the RECALL CAMPAIGN are described below, and need to be ordered as needed by each respective Authorized Ferrari Dealer.

Description	Part Number	Quantity
Brake Fluid Reservoir Cap	000810768	1.00
Adhesive Leaflet RC78	079641778	1.00

Update the CRM customer database in Modis accordingly as soon as you receive any notification regarding the status of the vehicle (e.g., change of ownership, scrapping, etc.).

SERVICES UNDER WARRANTY:

Refund for the costs incurred by the implementation of the RECALL CAMPAIGN in question, shall be made immediately after a warranty notice has been received by the Technical Service Department. This notice should include the following information:

For the 458 Italia and 458 Spider models

› Campaign number	78
› Cost code.....	24
› Malfunction code	4209000361
› Problem code	01
› Operation Code.....	42090003610
› Time.....	1.8 hours

For the 458 Speciale and 458 Speciale A models

› Campaign number	78
› Cost code.....	24
› Malfunction code	4309000361
› Problem code	01
› Operation Code.....	43090003611
› Time.....	1.8 hours



For the 488 GTB and 488 Spider models

› Campaign number	78
› Cost code.....	24
› Malfunction code	4409000361
› Problem code	01
› Operation Code.....	44090003612
› Time.....	1.8 hours

REIMBURSEMENT: Upon receipt of a warranty claim via Modis.



U.S.A. RECALL CAMPAIGN NO. C24000078



**458 Italia, 458 Spider, 458 Speciale, 458 Speciale A,
488 GTB, 488 Spider**

Model Year 2010 through 2019

**Replacement of brake fluid reservoir cap and updating
of Instrument Panel Node (NQS) software**

TECHNICAL INSTRUCTIONS

Please read **all** instructions before performing this campaign.

The RECALL CAMPAIGN procedure described as follows must be performed precisely as indicated in the following instructions:

Procedure

To implement this campaign, the following parts must be ordered from our Spare Parts Department:

Description	Part No.	Quantity
BRAKE FLUID RESERVOIR CAP	000810768	1.00
ADHESIVE LEAFLET RC78	079641778	1.00

Replacing the **brake fluid reservoir cap**

- Unscrew and remove the brake fluid reservoir cap and replace it with the new cap with **part number 000810768**. The new cap is completely black unlike the previous one which is transparent.

- IMPORTANT -

Check the brake fluid level in the reservoir. If the level is close to the minimum, open an ROL and contact the **Ferrari Help Desk**.

Updating the Instrument Panel Node (NQS) software

- The software to be installed for each car will be available as an activity via DEIS named as “software version” and “hardware version” of the installed instrument panel

- IMPORTANT -

If the aforementioned activity IS NOT PRESENT on the DEIS Server, or if the software version to be loaded DOES NOT MATCH the version indicated in this bulletin, contact the FNA Help Desk and wait for further instructions.

- IMPORTANT -

Software downloading procedures must be performed with the cable DEIS-VCI connection; and NOT with Bluetooth and/or W-LAN connections.

- IMPORTANT -

This update must be performed with the DEIS PC-Tester updated to the latest software version indicated as follows (or later versions):

- Module 0	Portal and Troubleshooting	60
- Module 1	DEIS Diagnostic software	100
- Module 2	Technical Documentation	12
- Module 3	Tools	9

Check the software number and, if necessary, update your DEIS Tester immediately.

After updating the DEIS Tester, the first vehicle diagnostic cycle must be performed using a cable connection.

- IMPORTANT -

To prevent the battery discharging during the update, remove the passenger foot well cover and connect the battery to a stabilized battery charger.

- IMPORTANT -

If the software update is not successful, repeat the procedure immediately without switching off the DEIS Tester and disconnecting it from the vehicle. If the Tester is disconnected from the vehicle, the VIN may not be recognized the next time it is connected and you will not be able to continue with other tasks.

- Connect the DEIS tester to the power unit.
- Connect the DEIS tester to the VCI interface with the specific network cable.
- Press “DEIS” to OPEN the diagnostic program.
- Select the NQS node and launch “60 – NQS replacement” cycle.
- Press the “Extended Identification” button.
- Save the identification parameter of the NQS node installed in the vehicle.
- Before downloading, make sure that there are not errors in the NQS ECU. Resolve any problems reported by the control unit before proceeding with the download.
- Press “Activities” and follow all the steps for a normal software downloading procedure as prompted by the DEIS tester.
- Check that the ECU software update procedure has been completed successfully by comparing the identification parameters of the ECUs against the parameters prior to the update. Select the NQS node, press “Extended Identification” and check that the “DRAWING NUMBER” and “SOFTWARE VERSION” values match the software installed and that the “PRODUCTION DATE” value is the date in which the update was performed – Fig. 1.

Extended Identification	DTC	Fig. 1
ECU		
Engine Left	DRAWING NUMBER	
	HARDWARE NUMBER	
	HARDWARE VERSION	
	HOMOLOGATION NUMBER	
	ISO CODE	
	PRODUCTION DATE	
	SOFTWARE NUMBER	
	SOFTWARE VERSION	
	TESTER CODE	

- At the end of the procedure, remember to save the identification parameter for the selected node.

- Check that there are NO errors in the NQS node.
Note: If any errors are found, open an ROL.

- Close the diagnostics program and disconnect the interface from the vehicle.

- Disconnect the stabilized battery charger from the vehicle.

- Road test the vehicle:
 - Total 6 miles.
 - Normal driving.

- Check for ECU errors with the DEIS tester using the “SCAN OUT” function. Resolve any problems that arise.
Note: The SCAN OUT procedure is mandatory for vehicle approval.

- IMPORTANT -

Please find below the proper location and instructions on how to insert the sticker provided into the Owner's Manual (PN: 079641778);

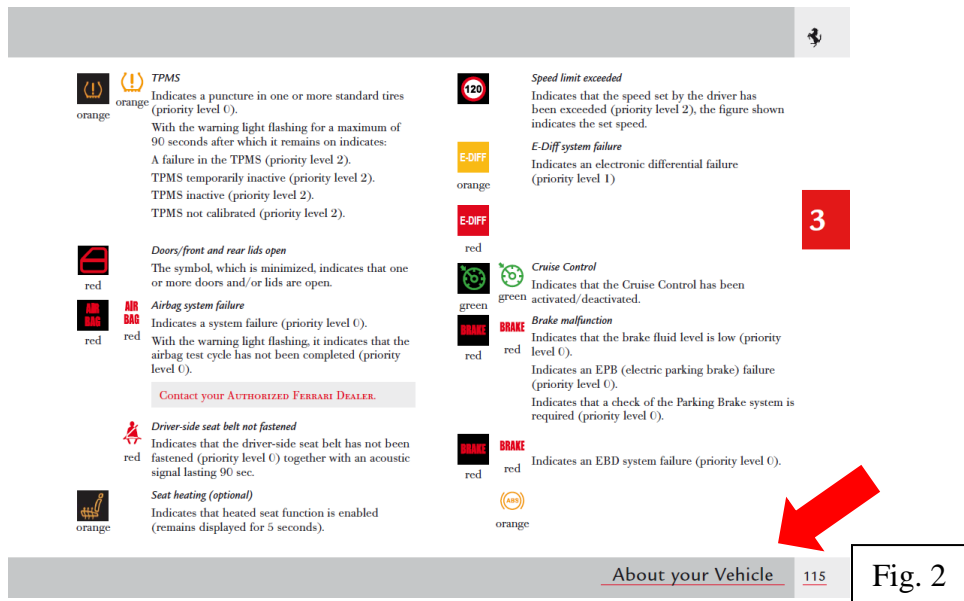


Fig. 2

The sticker must be placed in the page shown above in the Owner's Manual. This page is located in the '*About your Vehicle*' section where the warning lights of the instrument panels are described. Please be sure to attach it to the page with the '*Brake Malfunction*' description as shown in Fig. 2

Once you locate the proper page, remove the adhesive protector off of the back of the sticker. Ensure there is no residue or other particles on the page that may inhibit the longevity of adhesion to the page. Place the sticker to allow the bottom of the sticker to lay directly above the gray margin at the bottom of the page that contains the text '*About your Vehicle*'. Once applied, apply pressure across the whole strip of 'glue' to confirm the sticker has been properly mated to the page.

The activities described in this Technical Information must be performed as soon as possible, with the utmost urgency.

Thank you for your co-operation. Please do not hesitate to contact us for any further queries.