



Ferrari North America

Technical Information

Date: January 3, 2012
 Bulletin #: 1970
 Campaign #: 363
 Supersedes:
 Section: 3

Model Type: F151 (FF)
Model Year: Start of Production up to Assembly 103160
Subject: NDA Software Update

We would like to inform you that, within the scope of product improvement, the NDA ECU software must be updated on vehicles from start of production up to Assembly No. 103160.

This update resolves a potential issue with erroneous warning lights, related to the NDA when the battery voltage is low and the car is started.

The list of vehicles involved in the update is viewable at the ModisCS site using the "Recall and Service Campaign Management" function, entering the campaign number indicated as follows.

The parts to be installed are:

- NDA SW Update (ELHE27P00)

- IMPORTANT -

This update **must be performed with the DEIS PC-Tester updated to the following latest software release (or subsequent releases):**

- Module 0	Portal and Troubleshooting	35
- Module 1	DEIS Diagnostic software	35
- Module 2	Technical Documentation	9
- Module 3	Tools	4

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

Before connecting to the vehicle, remember to update the VCI interface firmware:

- **Power the VCI and connect it to the DEIS PC tester with the network cable provided.**
- **Run the DEIS program and wait for the firmware to update.**



Ferrari North America

- IMPORTANT -

If, upon connecting the DEIS, the pending activities include multiple downloads for the same ECU, always load the most recent software version and always open an ROL for the correct management of the previous software versions.

- IMPORTANT -

As the download procedure is extremely delicate, lift the engine compartment lid, remove the cosmetic inspection shield and connect the battery to a stabilised battery charger.

- IMPORTANT -

If multiple downloads are necessary, always perform the downloads one at a time.

Work Procedure:

1. Connect the VCI interface to the vehicle's EOBD socket.
 2. Connect the DEIS tester to the power supply.
 3. Connect the DEIS tester to the VCI interface with the specific network cable.
 4. Press "DEIS" to launch the diagnostic programme.
 5. Select the "NDA" node and press "Extended Identification".
 6. Save the identification parameter of the NDA node installed in the vehicle.
 7. Check that there are NO errors stored on the NDA node.
 8. Press "Activities" and follow all the steps for a normal downloading procedure.
 9. At the end of the procedure, remember to save the identification parameter for the selected node.
 10. Check that there are NO errors stored on the NDA node.
Note: If any errors are stored, open an ROL.
1. Close the diagnostic program and disconnect the interface from the vehicle.
 2. Disconnect the stabilized battery charger from the vehicle.
 3. Road test the vehicle:
 - a. Total = 10 Km.
 - b. Normal driving.



Ferrari North America

4. 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 warranty purposes.

Services under warranty

You may recover the costs for this work with the Warranty System, specifying:

Warranty Information

Component code	51.3.52.005
Labor operation	51.0.90.216.0 (0.5h)
Problem code	01
Cost code	23
Campaign #	363

Thank you for your co-operation.