



Ferrari North America

Technical Information

Date:	April 2018
Bulletin #:	2495
Campaign #:	
Supersedes:	2470
Section:	8

Subject: Checklist for battery pre-diagnosis

Please note that a revised checklist is attached to this bulletin to offer support in diagnosing battery-related problems.

The objective is to provide guidelines for identifying possible causes that contribute to a malfunctioning battery to help assist accurate diagnosis.

This checklist must be attached and fully completed to any ROL regarding battery issues.

Thank you for your co-operation.



Battery check form

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Model	Updated on
All models	March 2018

Chassis number:

Job order No.:

Notes:

Description of inspection / operation:	YES/OK	NO/ NOT OK	Notes
1. Did the flat battery fault occur after a period of more than a week with the vehicle not in use? (specify in Notes column).	☐	☐	
2. Was the vehicle parked in a covered location?	☐	☐	
3. Was the battery conditioner connected to the vehicle while the vehicle was not in use?	☐	☐	If the battery conditioner was not connected to the vehicle, explain to the customer that the battery conditioner must be kept connected, as indicated in the Owner's Manual
4. Have any aftermarket devices been installed on the vehicle?	☐	☐	If any aftermarket devices are installed on the vehicle, remove them and then check if the problem still exists.
5. Take photos of the battery label and of the production date stamped on the case. <i>Attach these photos to the ROL, if an ROL is opened.</i>	☐	☐	
6. With the engine running at idle speed and with the A/C on (if available) and set to the coldest temperature, check the voltage indicated on the instrument panel and measure the actual value with a multimeter to confirm the reading. <i>Enter the values read in the Notes field.</i>	☐	☐	

7. If available, connect the DEIS to the vehicle and check the battery state of charge, which is indicated in the Motronic ECU parameters list (RH Motronic for vehicles equipped with two Motronic units)	☐	☐	
<i>Enter the values read in the Notes field.</i>			
8. Perform the battery state of charge test (follow the instructions given in Technical Information 2230 of November 2014). Select 'Battery not in vehicle' mode.	☐	☐	
<i>Enter the values read in the Notes field.</i>			
9. Perform zero load current absorption test.	☐	☐	
<i>Enter the values read in the Notes field.</i>			
10. Check that the alternator and the battery charging circuit function correctly.	☐	☐	If the test results are NOT OK, open an ROL (mandatory) and perform the necessary repairs.
11. If the battery conditioner has a magnetic connector, check that there is no foreign material on the connector which could compromise the connection.	☐	☐	If any foreign material is found on the connector, explain to customer how to clean and care for the component correctly.
12. Check that the battery conditioner functions correctly and connects correctly to the vehicle.	☐	☐	If the test results are NOT OK, open an ROL (mandatory) and perform the necessary repairs.
13. Carefully check the connectors and electrical wiring leading to and from the alternator, starter motor and battery.	☐	☐	If any connection faults are found, open an ROL (mandatory) and perform the necessary repairs.
14. Does this car have any previous history of battery related issues?	☐	☐	If there is any history of battery related issues, note this info on the ROL and recheck all previous work done

Task performed by (Dealer):

Technical Manager:

First name _____
(Print)

Surname _____
(Print)

Company stamp

Full signature

Vehicle delivery date: _____