



# Ferrari North America

## Technical Information

Date:	February 2020
Bulletin #:	2652
Campaign #:	
Supersedes:	
Section:	10

**Subject: 2020 Technical Documentation Update (No. 01)**

Please note that as of **January 22, 2020**, the first 2020 update of the Interactive Technical Documentation will be available from the New Modis site.

Subsequently, the same update will be available for the Interactive Technical Documentation contained in the new multimodel version of the Pen-Drive. The application will notify the user that updated new content is available when launched for the first time after the update release. Please note that you must have write access rights for removable USB devices in order to update the Technical Documentation on the Pen-Drive.

For any questions, please use the support service e-mail address:

[info.doc.usb@ferrari.it](mailto:info.doc.usb@ferrari.it)

### - IMPORTANT -

**Please read the contents of these updates carefully to help ensure that all vehicle repair procedures are performed correctly to avoid time wastage and help ensure rapid problem resolution.**

**Please note that any repair / replacement work not compliant with the procedures described in the paragraphs listed below will result in rejection of the warranty claim and, as a result, the relative costs incurred will not be reimbursed.**



# Ferrari North America

## Workshop Manual

The paragraphs in the different Workshop Manuals added to/amended by this update are listed as follows.

### **D4.02 \_ Parking brake calipers**

Added procedure for REMOVING PARKING BRAKE CALIPER GEAR MOTORS

### **D4.02 \_ Parking brake calipers**

Added procedure for REFITTING PARKING BRAKE CALIPER GEAR MOTORS

### **E2.02\_ Subframes**

Added procedure for REMOVING REAR SUBFRAME

### **E2.02\_ Subframes**

Added procedure for REFITTING REAR SUBFRAME

### **- Portofino:**

### **E3.07\_ Lids**

Added procedure for REMOVING REAR LID

### **E3.07\_ Lids**

Added procedure for REFITTING REAR LID

### **E3.08 \_ Doors**

Added procedure for REMOVING EXTERNAL DOOR OPENER HANDLES

### **E3.08 \_ Doors**

Added procedure for REFITTING EXTERNAL DOOR OPENER HANDLES

### **E3.10\_ Screens and windows**

Added procedure for CHECKING REAR SIDE WINDOWS



## **E3.10\_ Screens and windows**

Added procedure for ADJUSTING REAR SIDE WINDOWS

## **E3.10\_ Screens and windows**

Added procedure for REMOVING REAR SIDE WINDOWS

## **E3.10\_ Screens and windows**

Added procedure for REFITTING REAR SIDE WINDOWS

## **E3.11 \_ Fuel filler flap**

Added procedure for REMOVING FUEL TANK FILLER FLAP

## **E3.11 \_ Fuel filler flap**

Added procedure for REFITTING FUEL TANK FILLER FLAP

## **E4.04 \_ Dashboard trim**

Added procedure for REMOVING DASHBOARD TRIM SUBSTRUCTURE

## **E4.04 \_ Dashboard trim**

Added procedure for REFITTING DASHBOARD TRIM SUBSTRUCTURE

## **E4.05 \_ Door trim**

Added procedure for REMOVING DOOR TRIM

## **E4.05 \_ Door trim**

Added procedure for REFITTING DOOR TRIM

## **E4.07\_ Mats and footrests**

Added procedure for REMOVING MATS AND FOOTRESTS

## **E4.07\_ Mats and footrests**

Added procedure for REFITTING MATS AND FOOTRESTS



## **E4.08 \_ Seats**

Added procedure for REMOVING REAR SEATS

## **E4.08 \_ Seats**

Added procedure for REFITTING REAR SEATS

## **E5.04 \_ RHT ECU**

Added procedure for REMOVING RHT ECU

## **E5.04 \_ RHT ECU**

Added procedure for REFITTING RHT ECU

## **F14.03 \_ Parking cameras**

Added procedure for REMOVING REAR PARKING CAMERA

## **F14.03 \_ Parking cameras**

Added procedure for REFITTING REAR PARKING CAMERA

## **F2.11\_ DCT gearbox controls**

Added procedure for REMOVING DCT GEARBOX CONTROLS ON STEERING WHEEL

## **F2.11\_ DCT gearbox controls**

Added procedure for REFITTING DCT GEARBOX CONTROLS ON STEERING WHEEL

## **F4.02\_ External lights**

Added procedure for REMOVING REAR FOG LIGHT

## **F4.02\_ External lights**

Added procedure for REFITTING REAR FOG LIGHT



## **F9.07\_ Infotainment system CD / DVD player**

Added procedure for REMOVING INFOTAINMENT SYSTEM CD / DVD PLAYER

## **F9.07\_ Infotainment system CD / DVD player**

Added procedure for REFITTING INFOTAINMENT SYSTEM CD / DVD PLAYER

## **F9.08\_ Infotainment system display**

Added procedure for REMOVING CENTER INFOTAINMENT SYSTEM DISPLAY

## **F9.08\_ Infotainment system display**

Added procedure for REFITTING CENTER INFOTAINMENT SYSTEM DISPLAY

## **F9.08\_ Infotainment system display**

Added procedure for REMOVING INFOTAINMENT SYSTEM PASSENGER DISPLAY

## **F9.08\_ Infotainment system display**

Added procedure for REFITTING INFOTAINMENT SYSTEM PASSENGER DISPLAY

## **C2.06 \_ Single oil heat exchanger**

Added procedure for REMOVING SINGLE OIL HEAT EXCHANGER

## **C2.06 \_ Single oil heat exchanger**

Added procedure for REFITTING SINGLE OIL HEAT EXCHANGER

**- 488 Pista:**

## **D3.07 \_ ABS sensors**

Added procedure for REMOVING ABS SENSORS



## **D3.07 \_ ABS sensors**

Added procedure for REFITTING ABS SENSORS

## **D5.02\_ Complete suspension assemblies**

Added procedure for REMOVING COMPLETE SUSPENSION ASSEMBLIES

## **D5.02\_ Complete suspension assemblies**

Added procedure for REFITTING COMPLETE SUSPENSION ASSEMBLIES

## **F11.03\_ TPMS system sensors**

Added procedure for REMOVING TPMS SYSTEM SENSORS

## **F11.03\_ TPMS system sensors**

Added procedure for REFITTING TPMS SYSTEM SENSORS

## **F13.03\_ Parking sensors**

Added procedure for REMOVING PARKING SENSORS

## **F13.03\_ Parking sensors**

Added procedure for REFITTING PARKING SENSORS

## **D6.07\_ Hydraulic power steering system coil**

Added procedure for REMOVING HYDRAULIC POWER STEERING SYSTEM COIL

## **D6.07\_ Hydraulic power steering system coil**

Added procedure for REFITTING HYDRAULIC POWER STEERING SYSTEM COIL

## **E3.07\_ Lids**

Added procedure for REMOVING FRONT LID



# Ferrari North America

## **E3.07\_ Lids**

Added procedure for REFITTING FRONT LID

## **E3.07\_ Lids**

Added procedure for REMOVING REAR LID

## **E3.07\_ Lids**

Added procedure for REFITTING REAR LID

## **E3.08\_ Doors**

Added procedure for REMOVING DOORS

## **E3.08\_ Doors**

Added procedure for REFITTING DOORS

## **E3.08\_ Doors**

Added procedure for REMOVING POWER WINDOW UNITS

## **E3.08\_ Doors**

Added procedure for REFITTING POWER WINDOW UNITS

## **E3.08\_ Doors**

Added procedure for REMOVING DOOR LOCKS

## **E3.08\_ Doors**

Added procedure for REFITTING DOOR LOCKS

## **E3.08\_ Doors**

Added procedure for REMOVING EXTERNAL DOOR OPENER HANDLE

## **E3.08\_ Doors**

Added procedure for REFITTING EXTERNAL DOOR OPENER HANDLE



## **E3.09\_ External rear view mirrors**

Added procedure for REMOVING EXTERNAL REAR VIEW MIRRORS

## **E3.09\_ External rear view mirrors**

Added procedure for REFITTING EXTERNAL REAR VIEW MIRRORS

## **E3.10\_ Screens and windows**

Added procedure for REMOVING FRONT SIDE WINDOWS

## **E3.10\_ Screens and windows**

Added procedure for REFITTING FRONT SIDE WINDOWS

## **E4.01 \_ Headliner trim**

Added procedure for REMOVING HEADLINER TRIM

## **E4.01 \_ Headliner trim**

Added procedure for REFITTING HEADLINER TRIM

## **E4.02 \_ Passenger compartment trim**

Added procedure for REMOVING PASSENGER COMPARTMENT TRIM

## **E4.02 \_ Passenger compartment trim**

Added procedure for REFITTING PASSENGER COMPARTMENT TRIM

## **E4.05\_ Door trim**

Added procedure for REMOVING DOOR TRIM

## **E4.05\_ Door trim**

Added procedure for REFITTING DOOR TRIM

## **F3.07\_ Rain/twilight sensor**

Added procedure for CHECKING RAIN/TWILIGHT SENSOR



# Ferrari North America

## **E4.02\_ External lights**

Added procedure for REMOVING SIDELIGHTS

## **E4.02\_ External lights**

Added procedure for REFITTING SIDELIGHTS

## **E4.02\_ External lights**

Added procedure for REMOVING LICENSE PLATE LIGHTS

## **E4.02\_ External lights**

Added procedure for REFITTING LICENSE PLATE LIGHTS

## **F6.08\_ AC system condenser**

Added procedure for REMOVING AC SYSTEM CONDENSER

## **F6.08\_ AC system condenser**

Added procedure for REFITTING AC SYSTEM CONDENSER

## **F8.06\_ Roll bar**

Added procedure for REMOVING ROLL BAR

## **F8.06\_ Roll bar**

Added procedure for REFITTING ROLL BAR

## **C2.06 \_ Single oil heat exchanger**

Added procedure for REMOVING SINGLE OIL HEAT EXCHANGER

## **C2.06 \_ Single oil heat exchanger**

Added procedure for REFITTING SINGLE OIL HEAT EXCHANGER

### **- 488 Pista Spider:**

## **D3.07 \_ ABS sensors**

Added procedure for REMOVING ABS SENSORS



## **D3.07 \_ ABS sensors**

Added procedure for REFITTING ABS SENSORS

## **D5.02\_ Complete suspension assemblies**

Added procedure for REMOVING COMPLETE SUSPENSION ASSEMBLIES

## **D5.02\_ Complete suspension assemblies**

Added procedure for REFITTING COMPLETE SUSPENSION ASSEMBLIES

## **F11.03\_ TPMS system sensors**

Added procedure for REMOVING TPMS SYSTEM SENSORS

## **F11.03\_ TPMS system sensors**

Added procedure for REFITTING TPMS SYSTEM SENSORS

## **F13.03\_ Parking sensors**

Added procedure for REMOVING PARKING SENSORS

## **F13.03\_ Parking sensors**

Added procedure for REFITTING PARKING SENSORS

## **D6.07\_ Hydraulic power steering system coil**

Added procedure for REMOVING HYDRAULIC POWER STEERING SYSTEM COIL

## **D6.07\_ Hydraulic power steering system coil**

Added procedure for REFITTING HYDRAULIC POWER STEERING SYSTEM COIL

## **E3.07\_ Lids**

Added procedure for REMOVING FRONT LID



# Ferrari North America

## **E3.07\_ Lids**

Added procedure for REFITTING FRONT LID

## **E3.08\_ Doors**

Added procedure for REMOVING DOORS

## **E3.08\_ Doors**

Added procedure for REFITTING DOORS

## **E3.08\_ Doors**

Added procedure for REMOVING POWER WINDOW UNITS

## **E3.08\_ Doors**

Added procedure for REFITTING POWER WINDOW UNITS

## **E3.08\_ Doors**

Added procedure for REMOVING DOOR LOCKS

## **E3.08\_ Doors**

Added procedure for REFITTING DOOR LOCKS

## **E3.08\_ Doors**

Added procedure for REMOVING EXTERNAL DOOR OPENER HANDLE

## **E3.08\_ Doors**

Added procedure for REFITTING EXTERNAL DOOR OPENER HANDLE

## **E3.09\_ External rear view mirrors**

Added procedure for REMOVING EXTERNAL REAR VIEW MIRRORS

## **E3.09\_ External rear view mirrors**

Added procedure for REFITTING EXTERNAL REAR VIEW MIRRORS



## **E3.10\_ Screens and windows**

Added procedure for REMOVING FRONT SIDE WINDOWS

## **E3.10\_ Screens and windows**

Added procedure for REFITTING FRONT SIDE WINDOWS

## **E4.05\_ Door trim**

Added procedure for REMOVING DOOR TRIM

## **E4.05\_ Door trim**

Added procedure for REFITTING DOOR TRIM

## **F3.07\_ Rain/twilight sensor**

Added procedure for CHECKING RAIN/TWILIGHT SENSOR

## **E4.02\_ External lights**

Added procedure for REMOVING SIDELIGHTS

## **E4.02\_ External lights**

Added procedure for REFITTING SIDELIGHTS

## **E4.02\_ External lights**

Added procedure for REMOVING LICENSE PLATE LIGHTS

## **E4.02\_ External lights**

Added procedure for REFITTING LICENSE PLATE LIGHTS

## **E5.04 \_ RHT ECU**

Added procedure for REMOVING RHT ECU

## **E5.04 \_ RHT ECU**

Added procedure for REFITTING RHT ECU



# Ferrari North America

## **F6.08\_ AC system condenser**

Added procedure for REMOVING AC SYSTEM CONDENSER

## **F6.08\_ AC system condenser**

Added procedure for REFITTING AC SYSTEM CONDENSER

## **C2.05 \_ Complete DCT gearbox**

Added procedure for REMOVING COMPLETE DCT GEARBOX

## **C2.05 \_ Complete DCT gearbox**

Added procedure for REFITTING COMPLETE DCT GEARBOX

## **C4.02\_ Driveshaft**

- Added procedure for REMOVING DRIVESHAFT

## **C4.02\_ Driveshaft**

- Added procedure for REFITTING DRIVESHAFT

## **D3.07 \_ ABS sensors**

- Monza SP1 / SP2

Added procedure for REMOVING ABS SENSORS

## **D3.07 \_ ABS sensors**

Added procedure for REFITTING ABS SENSORS

## **D5.02\_ Complete suspension assemblies**

Added procedure for REMOVING COMPLETE SUSPENSION ASSEMBLIES

## **D5.02\_ Complete suspension assemblies**

Added procedure for REFITTING COMPLETE SUSPENSION ASSEMBLIES



## **D5.03\_ Arms**

Added procedure for REMOVING ARMS

## **D5.03\_ Arms**

Added procedure for REFITTING ARMS

## **D5.04\_ Hub carriers**

Added procedure for REMOVING HUB CARRIERS

## **D5.04\_ Hub carriers**

Added procedure for REMOVING HUB CARRIERS

## **D5.05\_ Shock absorbers**

Added procedure for REMOVING SHOCK ABSORBERS

## **D5.05\_ Shock absorbers**

Added procedure for REFITTING SHOCK ABSORBERS

## **E3.07\_ Lids**

Added procedure for REMOVING FRONT LID

## **E3.07\_ Lids**

Added procedure for REFITTING FRONT LID

## **E3.07\_ Lids**

Added procedure for REMOVING FRONT LID LOCKS

## **E3.07\_ Lids**

Added procedure for REFITTING FRONT LID LOCKS

## **E3.07\_ Lids**

Added procedure for REMOVING REAR LID



## **E3.07\_ Lids**

Added procedure for REFITTING REAR LID

## **E3.07\_ Lids**

Added procedure for REMOVING REAR LID LOCKS

## **E3.07\_ Lids**

Added procedure for REFITTING REAR LID LOCKS

## **F2.08\_ Parking brake controls**

Added procedure for REMOVING PARKING BRAKE CONTROLS

## **F2.08\_ Parking brake controls**

Added procedure for REFITTING PARKING BRAKE CONTROLS

## **F3.08\_ Horn**

Added procedure for REMOVING HORN

## **F3.08\_ Horn**

Added procedure for REFITTING HORN

## **F6.09\_ AC system TGK solenoid valves**

Added procedure for REMOVING AC SYSTEM TGK SOLENOID VALVES

## **F6.09\_ AC system TGK solenoid valves**

Added procedure for REFITTING AC SYSTEM TGK SOLENOID VALVES

## **F7.04 \_ Anti-theft system siren**

Added procedure for REMOVING ANTI-THEFT SYSTEM SIREN

## **F7.04 \_ Anti-theft system siren**

Added procedure for REFITTING ANTI-THEFT SYSTEM SIREN



## **F8.03\_ Airbag system sensors**

Added procedure for REMOVING AIRBAG SYSTEM SENSORS

## **F8.03\_ Airbag system sensors**

Added procedure for REFITTING AIRBAG SYSTEM SENSORS

## **F8.05 \_ Seat belts**

Added procedure for REMOVING SEAT BELTS

## **F8.05 \_ Seat belts**

Added procedure for REFITTING SEAT BELTS

## **F11.03\_ TPMS system sensors**

Added procedure for REMOVING TPMS SYSTEM SENSORS

## **F11.03\_ TPMS system sensors**

Added procedure for REFITTING TPMS SYSTEM SENSORS

## **F13.03\_ Parking sensors**

Added procedure for REMOVING PARKING SENSORS

## **F13.03\_ Parking sensors**

Added procedure for REFITTING PARKING SENSORS

## **F14.03\_ Parking cameras**

Added procedure for REMOVING PARKING CAMERAS

## **F14.03\_ Parking cameras**

Added procedure for REFITTING PARKING CAMERAS

## **F19.03\_ Passive Start system antennas**

Added procedure for REMOVING PASSIVE START SYSTEM ANTENNAS



## Ferrari North America

### **F19.03\_ Passive Start system antennas**

Added procedure for REFITTING PASSIVE START SYSTEM ANTENNAS

### **Spare Parts Catalog**

This update includes all changes to the Spare Parts Catalog concerning the models included in the Technical Documentation, up to **December 16, 2019**.

The spare parts catalogs have been updated for the following vehicles:

**- Scuderia Spider 16M: Spare Parts Catalog updated**

**- 488 Pista: Spare Parts Catalog updated**

**- 488 Pista Spider: Spare Parts Catalog updated**

**- 458 Italia: Spare Parts Catalog updated**

**- 458 Spider: Spare Parts Catalog updated**

**- 458 Speciale: Spare Parts Catalog updated**

**- 458 Speciale A: Spare Parts Catalog updated**



## Ferrari North America

**- 599 GTO: Spare Parts Catalog updated**

**- SA APERTA: Spare Parts Catalog updated**

**- 488 GTB: Spare Parts Catalog updated**

**- 488 Spider: Spare Parts Catalog updated**

**- 812 Superfast: Spare Parts Catalog updated**

**- GTC4Lusso T: Spare Parts Catalog updated**

**- GTC4Lusso: Spare Parts Catalog updated**

**- California T: Spare Parts Catalog updated**

**- California: Spare Parts Catalog updated**

**- LaFerrari: Spare Parts Catalog updated**



# Ferrari North America

**- LaFerrari Aperta: Spare Parts Catalog updated**

**- FF: Spare Parts Catalog updated**

**- F12berlinetta: Spare Parts Catalog updated**

**- F12tdf: Spare Parts Catalog updated**

**- Portofino: Spare Parts Catalog updated**

**- Monza SP1: Spare Parts Catalog updated**

**- Monza SP2: Spare Parts Catalog updated**

## **S.T. Schedule**

The S.T. Schedule has been updated for the following vehicles:

**- LaFerrari: S.T. Schedule updated**

**- LaFerrari Aperta: S.T. Schedule updated**



## Ferrari North America

<b>- Portofino:</b>	<b>S.T. Schedule updated</b>
---------------------	------------------------------

<b>- F8 Tributo:</b>	<b>S.T. Schedule updated</b>
----------------------	------------------------------

### Electrical diagrams

The electrical wiring diagrams have been updated for the following vehicles:

<b>- Monza SP1:</b>	<b>Updated electrical wiring diagrams</b>
---------------------	---

<b>- Monza SP2:</b>	<b>Updated electrical wiring diagrams</b>
---------------------	---

<b>- 488 GTB:</b>	<b>Updated electrical wiring diagrams</b>
-------------------	---

<b>- 488 Spider:</b>	<b>Updated electrical wiring diagrams</b>
----------------------	---

Thank you for your co-operation.