Ferrari North America
Technical Information

Date: July 2020
Bulletin #: 2687
Campaign #:
Supersedes:
Section: 10

Subject: 2020 Technical Documentation Update #5

Please note that as of **July 1, 2020**, the fifth 2020 update of the Interactive Technical Documentation will be available through the ModisCS 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 queries, please use the support service e-mail address:

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 help avoid wasted time 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.

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Workshop Manual

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

SF90 Stradale	**First release of Workshop Manual**

Portofino	**B5.04_Fuel vapor venting valves**	**Disassembly of the fuel vapor recovery system venting valves**
		Reassembly of the fuel vapor recovery system venting valves
	E5.03_RHT complete	**Removal of complete RHT roof**
		Reassembly of complete RHT roof
		RHT roof adjustment
	E5.08_RHT hydraulic system cylinders	**Removal of RHT front panel cylinders**
		Reassembly of RHT front panel cylinders
		Removal of RHT rear panel cylinders
		Reassembly of RHT rear panel cylinders
		Removal of RHT tonneau cover panel cylinders
		Reassembly of RHT tonneau cover panel cylinders

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Portofino	E5.11_RHT panels	Removal of RHT front panel
		Reassembly of RHT front panel
		Removal of RHT rear panel
		Reassembly of RHT rear panel
		Removal of RHT tonneau cover panel
		Reassembly of RHT tonneau cover panel
	E5.12_RHT kinematics	Removal of RHT roof kinematics
		Reassembly of RHT roof kinematics
		Removal of RHT tonneau cover kinematics
		Reassembly of RHT tonneau cover kinematics

F8 Tributo	B2.01_Complete engine	Removing complete engine
		Refitting complete engine
	B4.06_Engine fuel system filters	Removing engine fuel system filters
		Refitting engine fuel system filters
	B4.07_Fuel pumps	Removing fuel pumps
		Refitting fuel pumps
	B4.08 _ Fuel level sensor	Removal of fuel level sensor
		Reassembly of fuel level sensor
	B5.02_Fuel vapours recovery system filter	Removal of fuel vapors recovery system filter
		Reassembly of fuel vapors recovery system filter

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F8 Tributo	B5.04_Fuel vapour venting valves	Disassembly of the fuel vapor recovery system venting valves
		Reassembly of the fuel vapor recovery system venting valves
	B8.03_ Engine lubrication system tank/sump	Removal of engine lubrication system sump
		Reassembly of engine lubrication system sump
	B8.06 _ Engine lubrication system Radiator/Heat exchanger	Removal of engine lubrication system radiator
		Reassembly of engine lubrication system radiator
	B8.10 _ Engine lubrication system pressure sensors	Removing the engine lubrication system oil pressure sensors
		Reassembly the engine lubrication system oil pressure sensors
	B10.05 _ Engine cooling system pressure switch/thermostat	Removal of engine cooling system pressure switch/thermostat
		Reassembly of engine cooling system pressure switch/thermostat
	B10.06 _ Engine cooling system radiator	Removal of engine cooling system radiator
		Reassembly of engine cooling system radiator
	B10.08 _ Engine cooling system temperature sensors	Removal of engine cooling system temperature sensors
		Reassembly of engine cooling system temperature sensors
	B11.02_Exhaust manifolds	Removing exhaust manifolds
		Refitting exhaust manifolds

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F8 Tributo	B11.03 _ Exhaust system catalytic converters	Removing exhaust system catalytic converters
		Refitting exhaust system catalytic converters
	B11.04_Gasoline particulate filters (GPF)	Description of exhaust system particulate filters (GPF)
		Forced regeneration of exhaust system particulate filters (GPF)
		Removing exhaust system particulate filters (GPF)
		Refitting exhaust system particulate filters (GPF)
	B11.05 _ Exhaust system silencers	Removal of engine exhaust system silencers
		Reassembly of engine exhaust system silencers
	B12.06_Engine secondary air system pressure sensor	Removal of the engine secondary air system pressure sensor
		Reassembly of the engine secondary air system pressure sensor
	B13.05_Engine turbocharging system valve	Removal of engine turbocharging system valve
		Reassembly of engine turbocharging system valve
	B13.07 _ Engine turbocharging system pressure sensors	Removal of engine turbocharging system pressure sensors
		Reassembly of engine turbocharging system pressure sensors
	B13.09_Engine turbochargers rev. sensors	Removal of engine turbochargers rev. sensors
		Reassembly of engine turbochargers rev. sensors

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F8 Tributo	C2.03_DCT gearbox hydraulic actuations oil (ATF)	DCT gearbox hydraulic actuations oil level check (ATF)
		DCT gearbox hydraulic actuations system drainage (ATF)
		DCT gearbox hydraulic actuations system filling (ATF)
	D4.03 _ Parking brake pads	Removing the parking brake pads
		Refitting the parking brake pads
	E3.07_ Lids	Removal of front lid lock
		Reassembly of front lid lock
		Removal of rear lid
		Reassembly of rear lid
		Removal of rear lid lock
		Reassembly of rear lid lock
	E3.09_ External rear view mirrors	Removal of external rear view mirror
		Reassembly of external rear view mirror
	F3.01_Battery	Disconnecting battery
		Connecting battery
	F4.01_Adaptive headlights control unit	Removal of adaptive headlights control unit (NFA)
		Reassembly of adaptive headlights control unit (NFA)

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F8 Tributo	F4.02_External lights	Removal of sidelights
		Reassembly of sidelights
		Removal of third stop light
		Reassembly of third stop light
		Removing the license plate lights
		Refitting the license plate lights
	F5.07_Windscreen wiper blades	Removing the windscreen wiper blades
		Refitting the windscreen wiper blades
	F8.02_Airbag system ECU (NAB)	Removal of airbag system control unit (NAB)
		Reassembly of airbag system control unit (NAB)
	F8.03_Airbag system sensors	Removing the airbag system sensors
		Refitting the airbag system sensors
	F8.04_Airbags	Removing the driver side airbag module
		Refitting the driver side airbag module
		Removing the passenger side airbag module
		Refitting the passenger side airbag module
	F11.02_TPMS system ECU (NTP)	Removal of TPMS system control unit (NAB)
		Reassembly of TPMS system control unit (NAB)

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F8 Tributo	F12.03 _ Suspension control system displacement sensors	Removal of front suspension displacement sensors (NRRPS)
		Reassembly of front suspension displacement sensors (NRRPS)
		Removal of rear suspension displacement sensors (NRRPS)
		Reassembly of rear suspension displacement sensors (NRRPS)
	F13.02_ Parking sensor system control unit	Removal of parking sensor system control unit
		Reassembly of parking sensor system control unit
	F13.03_ Parking sensors	Removing the front parking sensors
		Reassembly of front parking sensors.
		Removal of rear parking sensors.
		Reassembly of rear parking sensors.
	F14.03 _ Parking cameras	Removal of front parking video camera.
		Reassembly of front parking video camera.
		Removal of rear parking video camera.
		Reassembly of rear parking video camera.

F8 Spider	B2.01_Complete engine	Removing complete engine
		Refitting complete engine
	B5.02_Fuel vapors recovery system filter	Removal of fuel vapors recovery system filter
		Reassembly of fuel vapors recovery system filter

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F8 Spider	B5.04_Fuel vapor venting valves	Disassembly of the fuel vapor recovery system venting valves
		Reassembly of the fuel vapor recovery system venting valves
	B8.03_ Engine lubrication system tank/sump	Removal of engine lubrication system sump
		Reassembly of engine lubrication system sump
	B10.05 _ Engine cooling system pressure switch/thermostat	Removal of engine cooling system pressure switch/thermostat
		Reassembly of engine cooling system pressure switch/thermostat
	B10.06 _ Engine cooling system radiator	Removal of engine cooling system radiator
		Reassembly of engine cooling system radiator
	B10.08 _ Engine cooling system temperature sensors	Removal of engine cooling system temperature sensors
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		Refitting exhaust system catalytic converters
	B11.04_Gasoline particulate filters (GPF)	Description of exhaust system particulate filters (GPF)
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F8 Spider	B11.05 _ Exhaust system silencers	Removal of engine exhaust system silencers
		Reassembly of engine exhaust system silencers
	B12.06_Engine secondary air system pressure sensor	Removal of the engine secondary air system pressure sensor
		Reassembly of the engine secondary air system pressure sensor
	B13.05_Engine turbocharging system valve	Removal of engine turbocharging system valve
		Reassembly of engine turbocharging system valve
	B13.09_Engine turbochargers rev. sensors	Removal of engine turbochargers rev. sensors
		Reassembly of engine turbochargers rev. sensors
	C2.03_DCT gearbox hydraulic actuations oil (ATF)	DCT gearbox hydraulic actuations oil level check (ATF)
		DCT gearbox hydraulic actuations system drainage (ATF)
		DCT gearbox hydraulic actuations system filling (ATF)
	D4.03 _ Parking brake pads	Removing the parking brake pads
		Refitting the parking brake pads
	E3.07_ Lids	Removing front lid
		Refitting front lid
		Removal of front lid lock
		Reassembly of front lid lock
	E3.09_ External rear view mirrors	Removal of external rear view mirror
		Reassembly of external rear view mirror

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F8 Spider	F3.01_Battery	Disconnecting battery
		Connecting battery
	F4.01_Adaptive headlights control unit	Removal of adaptive headlights control unit (NFA)
		Reassembly of adaptive headlights control unit (NFA)
	F4.02_ External lights	Removal of sidelights
		Reassembly of sidelights
		Removal of third stop light
		Reassembly of third stop light
		Removing the license plate lights
		Refitting the license plate lights
	F5.07_ Windscreen wiper blades	Removing the windscreen wiper blades
		Refitting the windscreen wiper blades
	F8.02_ Airbag system ECU (NAB)	Removal of airbag system control unit (NAB)
		Reassembly of airbag system control unit (NAB)
	F8.03_ Airbag system sensors	Removing the airbag system sensors
		Refitting the airbag system sensors
	F8.04_Airbags	Removing the driver side airbag module
		Refitting the driver side airbag module
		Removing the passenger side airbag module
		Refitting the passenger side airbag module

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F8 Spider	F11.02_ TPMS system ECU (NTP)	Removal of TPMS system control unit (NAB)
		Reassembly of TPMS system control unit (NAB)
	F12.03 _ Suspension control system displacement sensors	Removal of front suspension displacement sensors (NRRPS)
		Reassembly of front suspension displacement sensors (NRRPS)
		Removal of rear suspension displacement sensors (NRRPS)
		Reassembly of rear suspension displacement sensors (NRRPS)
	F13.02_ Parking sensor system control unit	Removal of parking sensor system control unit
		Reassembly of parking sensor system control unit
	F13.03_ Parking sensors	Removing the front parking sensors.
		Reassembly of front parking sensors.
		Removal of rear parking sensors.
		Reassembly of rear parking sensors.
	F14.03 _ Parking cameras	Removal of front parking video camera.
		Reassembly of front parking video camera.
		Removal of rear parking video camera.
		Reassembly of rear parking video camera.

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Spare Parts Catalog

This update includes all changes to the Spare Parts Catalog as of **May 18, 2020.** The spare parts catalogues have been updated for the following vehicles:

F430	**Spare Parts Catalog updated**
F430 Spider	**Spare Parts Catalog updated**
Scuderia Spider 16M	**Spare Parts Catalog updated**
430 Scuderia	**Spare Parts Catalog updated**
612 Scaglietti	**Spare Parts Catalog updated**
612 Sessanta	**Spare Parts Catalog updated**
488 Pista	**Spare Parts Catalog updated**
488 Pista Spider	**Spare Parts Catalog updated**
488 Challenge	**Spare Parts Catalog updated**
599 GTB Fiorano	**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**
599 GTO	**Spare Parts Catalog updated**
SA APERTA	**Spare Parts Catalog updated**
488 GTB	**Spare Parts Catalog updated**
488 Spider	**Spare Parts Catalog updated**
812superfast	**Spare Parts Catalog updated**
812 GTS	**Spare Parts Catalog updated**
GTC4Lusso T	**Spare Parts Catalog updated**

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GTC4Lusso	Spare Parts Catalog updated
California T	Spare Parts Catalog updated
California	Spare Parts Catalog updated
LaFerrari	Spare Parts Catalog updated
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
F8 Tributo	Spare Parts Catalog updated
F8 Spider	Spare Parts Catalog updated
SF90 Stradale	Spare Parts Catalog updated

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S.T. Schedule

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

488 Pista	S.T. Schedule updated
488 Pista Spider	S.T. Schedule updated
599 GTB Fiorano	S.T. Schedule updated
488 GTB	S.T. Schedule updated
488 Spider	S.T. Schedule updated
812superfast	S.T. Schedule updated
812 GTS	S.T. Schedule updated
GTC4LussoT	S.T. Schedule updated
GTC4Lusso	S.T. Schedule updated
California T	S.T. Schedule updated
LaFerrari	S.T. Schedule updated
LaFerrari Aperta	S.T. Schedule updated
FF	S.T. Schedule updated
F12berlinetta	S.T. Schedule updated
F12tdf	S.T. Schedule updated
F8 Tributo	S.T. Schedule updated
F8 Spider	S.T. Schedule updated
Portofino	S.T. Schedule updated
SF90 Stradale	S.T. Schedule updated
Monza SP1	S.T. Schedule updated
Monza SP2	S.T. Schedule updated

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Electrical diagrams

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

SF90 Stradale	**Updated electrical wiring diagrams**
F8 Spider	**Updated electrical wiring diagrams**
812 GTS	**Updated electrical wiring diagrams**

Thank you for your co-operation.

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