



Ferrari North America

Technical Information

Date:	January 2019
Bulletin #:	2552
Campaign #:	
Supersedes:	
Section:	10

Subject: Updated Contents with reference to TI 2551

Please find enclosed the tables added to/amended by the most recent Technical Documentation update (New Modis) released on **December 20, 2018**.

- 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.



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Workshop Manual

- 488 Pista:

F3.01_ Battery

- Updated chapter REMOVING BATTERY

F3.01_ Battery

- Updated chapter REFITTING BATTERY

D3.04_ Pedal board

- Added chapter REMOVING BRAKING SYSTEM PEDAL BOARD

D3.04_ Pedal board

- Added chapter REFITTING BRAKING SYSTEM PEDAL BOARD

D3.05_ Brake servo

- Added chapter REMOVING BRAKE SERVO

D3.05_ Brake servo

- Added chapter REFITTING BRAKE SERVO

- 488 Pista Spider:

01.01 _ Consultation

- Added chapter CONSULTING THE MANUAL

01.02 _ Updating

- Added chapter UPDATING THE MANUAL

01.03_ Symbols

- Added chapter SYMBOLS

01.04 _ Glossary

- Added chapter MANUAL GLOSSARY

02.01_ Manual user

- Added chapter MANUAL USER

02.02_ Operating procedures

- Added chapter OPERATING PROCEDURES

02.03_ Use of equipment and spare parts

- Added chapter USE OF EQUIPMENT AND SPARE PARTS



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02.04_ Warranty

- Added chapter WARRANTY

02.05_ Tightening torques

- Added chapter TIGHTENING TORQUES

A1.01_ Dimensions and weights

- Added table DIMENSIONS AND WEIGHTS

A1.02 _ Identification numbers

- Added chapter IDENTIFICATION NUMBERS

A2.01 _ Fluids and lubricants table

- Added table FLUIDS AND LUBRICANTS

B3.01_ Engine ignition system layout

- Added chapter ENGINE IGNITION SYSTEM LAYOUT

B4.01_ Fuel system layout

- Added chapter FUEL SYSTEM LAYOUT

B4.02 _ Fuel system delivery pump control unit (PWM)

- Added chapter REMOVING FUEL SYSTEM DELIVERY PUMP CONTROL UNIT (PWM)

B4.02 _ Fuel system delivery pump control unit (PWM)

- Added chapter REFITTING FUEL SYSTEM DELIVERY PUMP CONTROL UNIT (PWM)

- 488 Pista Spider:

B4.04 _ Fuel tank filler neck

- Added chapter REMOVING FUEL TANK FILLER NECK

B4.04 _ Fuel tank filler neck

- Added chapter REFITTING FUEL TANK FILLER NECK

B5.01_ Fuel vapour recovery system layout

- Added chapter FUEL VAPOUR RECOVERY SYSTEM LAYOUT

**B6.01_ Engine injection system layout**

- Added chapter ENGINE INJECTION SYSTEM LAYOUT

B7.01_ Engine air intake system layout

- Added chapter ENGINE AIR INTAKE SYSTEM LAYOUT

B8.01_ Engine lubrication system layout

- Added chapter ENGINE LUBRICATION SYSTEM LAYOUT

B8.02_ Engine lubrication system oil

- Added chapter CHECKING ENGINE LUBRICATION SYSTEM OIL LEVEL

B8.02_ Engine lubrication system oil

- Added chapter DRAINING ENGINE LUBRICATION SYSTEM

B8.02_ Engine lubrication system oil

- Added chapter FILLING ENGINE LUBRICATION SYSTEM

B9.01_ Engine oil vapor recovery system layout

- Added chapter ENGINE OIL VAPOR RECOVERY SYSTEM LAYOUT

B10.01_ Engine cooling system layout

- Added chapter ENGINE COOLING SYSTEM LAYOUT

B10.02_ Engine cooling system fluid

- Added chapter CHECKING ENGINE COOLING SYSTEM FLUID LEVEL

B10.02_ Engine cooling system fluid

- Added chapter DRAINING ENGINE COOLING SYSTEM

B10.02_ Engine cooling system fluid

- Added chapter STATIC FILLING OF ENGINE COOLING SYSTEM

B10.02_ Engine cooling system fluid

- Added chapter DYNAMIC FILLING OF ENGINE COOLING SYSTEM



B11.01_ Engine exhaust system layout

- Added chapter ENGINE EXHAUST SYSTEM LAYOUT

B12.01_ Engine air intake system layout

- Added chapter ENGINE SECONDARY AIR SYSTEM LAYOUT

B13.01_ Engine supercharging system layout

- Added chapter ENGINE SUPERCHARGING SYSTEM LAYOUT

C2.01_ DCT gearbox hydraulic system layout

- Added chapter DCT GEARBOX HYDRAULIC SYSTEM LAYOUT

C2.05 _ DCT gearbox ECU (NCR)

- Added chapter REMOVING DCT GEARBOX ECU (NCR)

C2.05 _ DCT gearbox ECU (NCR)

- Added chapter REFITTING DCT GEARBOX ECU (NCR)

D2.01_ Complete wheels

- **488 Pista Spider:**

- Added chapter REMOVING FRONT WHEELS

D2.01_ Complete wheels

- Added chapter REFITTING FRONT WHEELS

D2.01_ Complete wheels

- Added chapter REMOVING REAR WHEELS

D2.01_ Complete wheels

- Added chapter REFITTING REAR WHEELS

D3.01_ Braking system layout

- Added chapter BRAKING SYSTEM LAYOUT

D3.02_ Braking system fluid

- Added chapter CHECKING BRAKING SYSTEM FLUID LEVEL

D3.02_ Braking system fluid

- Added chapter FILLING AND BLEEDING HYDRAULIC BRAKING SYSTEM



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D3.04_ Pedal board

- Added chapter REMOVING BRAKING SYSTEM PEDAL BOARD

D3.04_ Pedal board

- Added chapter REFITTING BRAKING SYSTEM PEDAL BOARD

D3.05_ Brake servo

- Added chapter REMOVING BRAKE SERVO

D3.05_ Brake servo

- Added chapter REFITTING BRAKE SERVO

D3.06_ ABS electro-hydraulic ECU (NFR)

- Added chapter REMOVING ABS ELECTRO-HYDRAULIC ECU (NFR)

D3.06_ ABS electro-hydraulic ECU (NFR)

- Added chapter REFITTING ABS ELECTRO-HYDRAULIC ECU (NFR)

D4.01 _ Parking brake ECU (NPB/MOC)

- Added chapter REMOVING PARKING BRAKE ECU (NPB/MOC)

D4.01 _ Parking brake ECU (NPB/MOC)

- Added chapter REFITTING PARKING BRAKE ECU (NPB/MOC)

D6.01_ Steering system layout

- Added chapter STEERING SYSTEM LAYOUT

D6.02_ Power steering system fluid

- Added chapter CHECKING POWER STEERING SYSTEM FLUID LEVEL

- 488 Pista Spider:

D6.02_ Power steering system fluid

- Added chapter DRAINING POWER STEERING SYSTEM

D6.02_ Power steering system fluid

- Added chapter FILLING POWER STEERING SYSTEM

D6.03 _ Hydraulic power steering system ECU (CSG)

- Added chapter REMOVING HYDRAULIC POWER STEERING SYSTEM ECU (CSG)



D6.03 _ Hydraulic power steering system ECU (CSG)

- Added chapter REFITTING HYDRAULIC POWER STEERING SYSTEM ECU (CSG)

D6.08_ Steering box

- Added chapter REMOVING STEERING BOX

D6.08_ Steering box

- Added chapter REFITTING STEERING BOX

E2.01_ Chassis parts layout

- Added chapter CHASSIS PARTS LAYOUT

E3.01_ Flat undertray

- Added chapter REMOVING FRONT RH SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REFITTING FRONT RH SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REMOVING FRONT LH SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REFITTING FRONT LH SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REMOVING FRONT CENTRAL SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REFITTING FRONT CENTRAL SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REMOVING REAR CENTRAL SECTION OF FLAT UNDERTRAY



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E3.01_ Flat undertray

- Added chapter REFITTING REAR CENTRAL SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REMOVING REAR SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REFITTING REAR SECTION OF FLAT UNDERTRAY

E3.01_ Flat undertray

- Added chapter REMOVING FLAT UNDERTRAY DIFFUSER

E3.01_ Flat undertray

- Added chapter REFITTING FLAT UNDERTRAY DIFFUSER

E3.02_ Wheelhouse

- Added chapter REMOVING RH FRONT WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REFITTING RH FRONT WHEELHOUSE

- 488 Pista Spider:

E3.02_ Wheelhouse

- Added chapter REMOVING LH FRONT WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REFITTING LH FRONT WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REMOVING FRONT SECTION OF RH REAR WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REFITTING FRONT SECTION OF RH REAR WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REMOVING FRONT SECTION OF LH REAR WHEELHOUSE



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E3.02_ Wheelhouse

- Added chapter REFITTING FRONT SECTION OF LH REAR WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REMOVING REAR SECTION OF RH REAR WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REFITTING REAR SECTION OF RH REAR WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REMOVING REAR SECTION OF LH REAR WHEELHOUSE

E3.02_ Wheelhouse

- Added chapter REFITTING REAR SECTION OF LH REAR WHEELHOUSE

E3.10_ Fuel filler flap

- Added chapter REMOVING FUEL FILLER FLAP

E3.10_ Fuel filler flap

- Added chapter REFITTING FUEL FILLER FLAP

E4.06 _ Luggage compartment trim

- Added chapter REMOVING LUGGAGE COMPARTMENT CENTRAL COSMETIC SHIELD

E4.06 _ Luggage compartment trim

- 488 Pista Spider:

- Added chapter REFITTING LUGGAGE COMPARTMENT CENTRAL COSMETIC SHIELD

E4.06_ Luggage compartment trim

- Added chapter REMOVING LUGGAGE COMPARTMENT RH LATERAL TRIM

**E4.06_ Luggage compartment trim**

- Added chapter REFITTING LUGGAGE COMPARTMENT RH LATERAL TRIM

E4.06_ Luggage compartment trim

- Added chapter REMOVING LUGGAGE COMPARTMENT LH LATERAL TRIM

E4.06_ Luggage compartment trim

- Added chapter REFITTING LUGGAGE COMPARTMENT LH LATERAL TRIM

E4.06_ Luggage compartment trim

- Added chapter REMOVING RH UNDERWINDSCREEN TRIM

E4.06_ Luggage compartment trim

- Added chapter REFITTING RH UNDERWINDSCREEN TRIM

E4.06_ Luggage compartment trim

- Added chapter REMOVING LH UNDERWINDSCREEN TRIM

E4.06_ Luggage compartment trim

- Added chapter REFITTING LH UNDERWINDSCREEN TRIM

E4.06 _ Luggage compartment trim

- Added chapter REMOVING LUGGAGE COMPARTMENT TUB

E4.06 _ Luggage compartment trim

- Added chapter REFITTING LUGGAGE COMPARTMENT TUB

E5.02_ RHT system layout

- Added chapter RHT PANELS AND TRIMS LAYOUT

E5.02_ RHT system layout

- Added chapter RHT KINEMATICS AND LOCKS LAYOUT

E5.02_ RHT system layout

- Added chapter RHT ELECTRICAL/HYDRAULIC SYSTEM LAYOUT

F2.10_ Air conditioning system controls

- Added chapter REMOVING AIR CONDITIONING SYSTEM CONTROLS



F2.10_ Air conditioning system controls

- Added chapter REFITTING AIR CONDITIONING SYSTEM CONTROLS

F3.01_ Battery

- Added chapter REMOVING BATTERY

F3.01_ Battery

- Added chapter REFITTING BATTERY

F3.01_ Battery

- Added chapter DISCONNECTING BATTERY

F3.01_ Battery

- Added chapter CONNECTING BATTERY

F3.01_ Battery

- Added chapter RESETTING SELF-ADAPTIVE PARAMETERS

F3.01_ Battery

- Added chapter CALIBRATING BATTERY SENSOR

F4.01_ Adaptive rear light ECU

- Added chapter REMOVING ADAPTIVE REAR LIGHT ECU (NFA)

- 488 Pista Spider: F4.01_ Adaptive rear light ECU

- Added chapter REFITTING ADAPTIVE REAR LIGHT ECU (NFA)

F5.01_ Windscreen wiper/headlight washer system layout

- Added chapter WINDSCREEN WIPER/HEADLIGHT WASHER SYSTEM LAYOUT

F5.02_ Windscreen wiper/headlight washer system fluid

Added chapter CHECKING WINDSCREEN AND HEADLIGHT WASHER FLUID LEVEL

F5.05_ Windscreen wiper

Added chapter REMOVING WINDSCREEN WIPER



F5.05_ Windscreen wiper

Added chapter REFITTING WINDSCREEN WIPER

F6.01 _ AC system layout

Added chapter AC SYSTEM LAYOUT

F6.04 _ AC system ECU

Added chapter REMOVING AC SYSTEM ECU

F6.04 _ AC system ECU

Added chapter REFITTING AC SYSTEM ECU

F7.01 _ Anti-theft system layout

Added chapter ANTI-THEFT SYSTEM LAYOUT

F7.04 _ Anti-theft system siren

Added chapter REMOVING ANTI-THEFT SYSTEM SIREN

F7.04 _ Anti-theft system siren

Added chapter REFITTING ANTI-THEFT SYSTEM SIREN

F8.01 _ Airbag system layout

Added chapter AIRBAG SYSTEM LAYOUT

F8.02_ Airbag system ECU (NAB)

Added chapter REMOVING AIRBAG SYSTEM ECU

F8.02_ Airbag system ECU (NAB)

Added chapter REFITTING AIRBAG SYSTEM ECU

F10.01 _ Audio system layout

Added chapter AUDIO SYSTEM LAYOUT



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	F11.01 _ TPMS system layout Added chapter TPMS SYSTEM LAYOUT
	F11.02_ TPMS system ECU (NTP) Added chapter REMOVING TPMS SYSTEM ECU (NTP)
	F11.02_ TPMS system ECU (NTP) Added chapter REFITTING TPMS SYSTEM ECU (NTP)
	F12.01 _ Suspension damping control system layout Added chapter SUSPENSION DAMPING CONTROL SYSTEM LAYOUT
	F13.01_ Parking sensor system layout Added chapter PARKING SENSOR SYSTEM LAYOUT
	F14.01_ Parking camera system layout Added chapter PARKING CAMERA SYSTEM LAYOUT
- 488 Pista Spider:	F15.01_ Lift system layout Added chapter LIFT SYSTEM LAYOUT
	F15.02_ Lift system fluid Added chapter CHECKING LIFT SYSTEM FLUID LEVEL
	F15.02_ Lift system fluid Updated chapter FILLING AND BLEEDING LIFT SYSTEM
	F16.01_ Active aerodynamics system layout Added chapter ACTIVE AERODYNAMICS SYSTEM LAYOUT
	F17.01_ Telemetry system layout Added chapter TELEMETRY SYSTEM LAYOUT



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F17.02_ Telemetry system ECU

Added chapter REMOVING TELEMETRY SYSTEM ECU

F17.02_ Telemetry system ECU

Added chapter REFITTING TELEMETRY SYSTEM ECU

F19.01_ Passive Start system layout

Added chapter PASSIVE START SYSTEM LAYOUT

C2.04_ Complete DCT gearbox

Added chapter REMOVING COMPLETE DCT GEARBOX

C2.04_ Complete DCT gearbox

Added chapter REFITTING COMPLETE DCT GEARBOX

- Portofino:

C2.06 _ Single oil heat exchanger

Added chapter REMOVING SINGLE OIL HEAT EXCHANGER

C2.06 _ Single oil heat exchanger

Added chapter REFITTING SINGLE OIL HEAT EXCHANGER



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Spare Parts Catalog

This update includes all changes to the Spare Parts Catalog, concerning the models included in the Technical Documentation, up to **November 13 2018**.

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

- 458 Italia:	Spare Parts Catalog updated
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- 458 Speciale A:	Spare Parts Catalog updated
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- 458 Spider:	Spare Parts Catalog updated
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- 458 Speciale:	Spare Parts Catalog updated
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- 458 Challenge:	Spare Parts Catalog updated
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- 488 Spider:	Spare Parts Catalog updated
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- 488 GTB:	Spare Parts Catalog updated
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- 488 Pista:	Spare Parts Catalog updated
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- 488 Pista Spider:	Spare Parts Catalog updated
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- GTC4Lusso T:	Spare Parts Catalog updated
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- GTC4Lusso:	Spare Parts Catalog updated
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- California T:	Spare Parts Catalog updated
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- Portofino:	Spare Parts Catalog updated
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- F12 tdf:	Spare Parts Catalog updated
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- 812 Superfast:	Spare Parts Catalog updated
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- LaFerrari:	Spare Parts Catalog updated
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- LaFerrari Aperta:	Spare Parts Catalog updated
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- FF:	Spare Parts Catalog updated
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- F12berlinetta:	Spare Parts Catalog updated
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- 612 Scaglietti:	Spare Parts Catalog updated
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- 612 Sessanta:	Spare Parts Catalog updated
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S.T. Schedule

The S.T. Schedule has been updated in line with the changes to the Spare Parts Catalog.

- 488 Pista:	S.T. Schedule updated
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- 488 Pista Spider:	S.T. Schedule updated
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- Portofino:	S.T. Schedule updated
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- 488 GTB:	S.T. Schedule updated
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- 488 Spider:	S.T. Schedule updated
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Electrical system

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

- 488 Pista Spider:	Updated Electrical Wiring Diagrams
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- 812 Superfast:	Updated Electrical Wiring Diagrams
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Thank you for your co-operation.