



Ferrari North America

Technical Information

Date: April 2016
Bulletin #: 2347
Campaign #:
Supersedes:
Section: 10

Model Type: All
Model Year: All
Subject: Updated Contents with Reference to TI 2346

Please find below the tables amended by the most recent Technical Documentation update (ModisCS and Pen-Drive) Released April 6th, 2016

- IMPORTANT -

Please read the contents of these updates carefully to help ensure that all vehicle repair procedures are performed correctly for 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.

- California T:

A3.09 _ Replacing oxygen sensors

- Added procedure for REPLACING OXYGEN SENSORS.

B2.01 _ Complete engine removal

- Added procedure for REPLACING ENGINE BUSHINGS.

B2.03 _ Engine overhaul - Disassembly

- Added procedure for REMOVING REAR ENGINE COVER.

B2.05 _ Engine overhaul - Reassembly

- Added procedure for REFITTING REAR ENGINE COVER.

B5.02 _ Engine lubrication system pump

- Added procedure for REMOVING and REFITTING ENGINE LUBRICATION SYSTEM PUMP.



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B8.02 _ Turbocharging system, intercoolers

- Added procedure for REMOVING and REFITTING INTERCOOLERS.

D3.08 _ Brake servo - Master cylinder

- Added procedure for REMOVING and REFITTING BRAKE SERVO.

D3.09 _ Pedal board

- Updated procedure for REMOVING AND REFITTING PEDAL BOARD.

D5.07 _ Steering column

- Added procedure for REMOVING and REFITTING STEERING COLUMN.

E3.06 _ Windscreen

- Added procedure for REMOVING and REFITTING WINDSCREEN SEAL.

E5.09 _ Gear shift paddles

- Updated procedure for REMOVING and REFITTING GEAR SHIFT PADDLES.

E5.10 _ Lid and fuel filler flap opening devices

- Added procedure for REPLACING ENGINE COMPARTMENT LID STRIKER.
- Added procedure for REPLACING RELEASE BOWDEN CABLE.

F5.07 _ Complete A.C. unit

- Added procedure for REMOVING and REFITTING AC UNIT.

A2.01 _ Scheduled Maintenance

- 488 Spider:

- Added MAINTENANCE SCHEDULES (USA).



B2.01 _ Complete engine removal

- Added procedure for REMOVING COMPLETE ENGINE.

B2.02 _ Complete engine reassembly

- Added procedure for REFITTING COMPLETE ENGINE.

B4.02 _ Engine air intake system filter box

- Added procedure for REMOVING and REFITTING ENGINE AIR INTAKE SYSTEM FILTER BOX.

B5.02 _ Engine lubrication system pump

- Added procedure for REMOVING and REFITTING ENGINE LUBRICATION SYSTEM PUMP.

B6.03 _ Engine cooling system pump

- Added procedure for REMOVING and REFITTING ENGINE COOLING SYSTEM PUMP.

B6.05 _ Engine cooling system radiators

- Added procedure for REMOVING and REFITTING ENGINE COOLING SYSTEM RADIATORS.

B6.06 _ Engine cooling system electric fans

- Added procedure for REMOVING and REFITTING ENGINE COOLING SYSTEM ELECTRIC FANS.

D3.02 _ Hydraulic brake system reservoir

- Added procedure for REMOVING and REFITTING HYDRAULIC BRAKE SYSTEM RESERVOIR.

D5.02 _ Power steering system reservoir

- Added procedure for REMOVING and REFITTING POWER STEERING SYSTEM RESERVOIR.



D5.05 _ Power steering system coil

- Added procedure for REMOVING and REFITTING POWER STEERING SYSTEM COIL.

E2.02 _ Rear removable engine-gearbox subframe

- Added procedure for REMOVING and REFITTING REAR REMOVABLE SUBFRAME.

E3.10 _ Windscreen washer and headlamp washer

- Added procedure for REMOVING and REFITTING WINDSCREEN-HEADLAMP WASHER SYSTEM RESERVOIR.

F2.02 _ Alternator

- Added procedure for REMOVING and REFITTING ALTERNATOR.

F2.03 _ Starter motor

- Added procedure for REMOVING and REFITTING STARTER MOTOR.

F5.03 _ AC system pressure compressor

- Added procedure for REMOVING and REFITTING AC SYSTEM COMPRESSOR.

F5.04 _ AC system condenser

- Added procedure for REMOVING and REFITTING AC SYSTEM CONDENSER.

F5.05 _ AC system pressure switch

- Updated procedure for REPLACING PRESSURE SWITCH.

F5.09 _ AC system TGK proportional solenoid valves

- Added procedure for REMOVING and REFITTING AC SYSTEM TGK PROPORTIONAL SOLENOID VALVES.



- 488 GTB:

B2.01 _ Complete engine removal

- Added procedure for REMOVING COMPLETE ENGINE.

B2.02 _ Complete engine reassembly

- Added procedure for REFITTING COMPLETE ENGINE.

B4.02 _ Engine air intake system filter box

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B6.03 _ Engine cooling system pump

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F5.09 _ AC system TGK proportional solenoid valves

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Spare Parts Catalog

This update includes all changes to the Spare Parts Catalog subsequent to the analysis of the Letters of Amendment, concerning the models included in the Technical Documentation, up until **February 29th, 2016**.

Some of the most significant updates are indicated below:

- F12tdf:	Tab.5
	- Updated mechanical tappets
	Tab.10
	- Updated lift system inspection hatch
	Tab.13
	- Updated filter box cover
	Tab.19
	- Updated table
	Tab.20
	- Updated table
	Tab.30
	- Updated compl. steering wheel
	Tab.32
	- Updated front brake disc
	Tab.34
	- Updated rear brake disc
	Tab.38
	- Updated fasteners



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Tab.39

- Updated table

Tab.40

- Updated belt tensioner

Tab.45

- Updated table

Tab.100

- Updated RH/LH aerodynamic appendage

Tab.102

- Updated table

Tab.105

- Added lateral outer bracket fastening RH headlamp

Tab.106

- Updated table

Tab.108

- Updated table

Tab.109

- Updated table

Tab.110

- Updated table

Tab.112

- Updated rear lid

Tab.113

- Updated compl. fuel filler flap hinge



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Tab.114

- Updated table

Tab.117

- Updated table

Tab.118

- Updated table

Tab.120

- Updated table

Tab.123

- Updated table

Tab.125

- Updated navigation system control

Tab.126

- Added RH taillight cover

Tab.127

- Updated table

Tab.129

- Updated table

Tab.130

- Updated table

Tab.132

- Updated table



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Tab.133

- Updated master dipole anti-lift sensor

Tab.134

- Updated table

Tab.135

- Updated RH/LH twiddler brackets

Tab.136

- Updated GPS antenna - NIT splitter extension cables

Tab.137

- Updated "50S" engine spec plaque

- 488 Spider:

Tab.12

- Updated table

Tab.13

- Updated table

Tab.16

- Updated table

Tab.17

- Updated table

Tab.18

- Updated table



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Tab.25

- Updated fastener

Tab.28

- Updated fasteners

Tab.29

- Updated fastener

Tab.31

- Updated fastener

Tab.35

- Updated surround

Tab.41

- Updated table

Tab.43

- Updated table

Tab.49

- Updated fasteners

Tab.50

- Updated 2 Kg extinguisher

Tab.100

- Updated table

Tab.101

- Updated table



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Tab.104

- Updated spacer for bushing bracket

Tab.105

- Added compl. rear chassis reinforcement

Tab.107

- Updated fasteners

Tab.109

- Updated table

Tab.110

- Updated fastener

Tab.112

- Updated table

Tab.113

- Added actuator cord cable grommet

Tab.114

- Updated table

Tab.115

- Updated RH external handle module

Tab.118

- Updated table

Tab.120

- Updated table



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Tab.121

- Updated table

Tab.124

- Updated table

Tab.125

- Updated fasteners

Tab.126

- Updated table

Tab.127

- Updated fastener

Tab.128

- Updated table

Tab.129

- Updated table

Tab.130

- Updated table

Tab.132

- Updated table

Tab.133

- Updated fastener

Tab.134

- Updated fastener



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Tab.135

- Updated table

Tab.137

- Updated table

Tab.140

- Updated 'air-bag deactivate' self-adhesive label

- 488 GTB:

Tab.12

- Updated table

Tab.13

- Updated table

Tab.16

- Updated table

Tab.17

- Updated table

Tab.18

- Updated table

Tab.25

- Updated table

Tab.28

- Updated table



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Tab.29

- Updated fastener

Tab.31

- Updated fastener

Tab.35

- Updated surround

Tab.41

- Updated table

Tab.43

- Updated table

Tab.49

- Updated fasteners

Tab.50

- Updated 2 Kg extinguisher

Tab.100

- Added compl. RH/LH flank flow separators

Tab.101

- Updated table

Tab.107

- Updated fasteners

Tab.109

- Updated table



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Tab.111

- Updated fasteners

Tab.112

- Added actuator cord cable grommet

Tab.113

- Updated table

Tab.117

- Updated table

Tab.119

- Updated table

Tab.120

- Updated table

Tab.123

- Updated table

Tab.124

- Updated fasteners

Tab.125

- Updated table

Tab.126

- Updated fastener

Tab.127

- Updated table



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Tab.128

- Updated table

Tab.129

- Updated table

Tab.131

- Updated table

Tab.132

- Updated fasteners

Tab.133

- Updated fasteners

Tab.134

- Updated table

Tab.136

- Updated table

Tab.139

- Updated 'air-bag deactivate' self-adhesive label

- 458 Speciale A:

Tab.40

- Updated table

Tab.41

- Updated S&S negative terminal assembly



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Tab.45

- Added O-ring

Tab.48

- Updated 2 Kg extinguisher

Tab.108

- Updated table

Tab.109

- Updated table

Tab.117

- Updated compl. lower center cover

Tab.118

- Updated table

Tab.122

- Updated internal dashboard puler

Tab.125

- Updated front side marker

Tab.131

- Updated table

Tab.133

- Updated table



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- 458 Speciale:

Tab.14

- Updated table

Tab.40

- Updated electric pumps

Tab.45

- Added O-ring

Tab.48

- Updated 2 Kg extinguisher

Tab.105

- Added washer

Tab.109

- Updated table

Tab.117

- Updated table

Tab.130

- Updated table

- 458 Spider:

Tab.27

- Updated table

Tab.41

- Updated table



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Tab.46

- Added O-ring

Tab.49

- Updated 2 Kg extinguisher

Tab.124

- Updated table

Tab.127

- Updated table

- 458 Italia:

Tab.27

- Updated table

Tab.41

- Updated table

Tab.46

- Added O-ring

Tab.49

- Updated 2 Kg extinguisher

Tab.120

- Updated cushion upholstery

Tab.121

- Updated pair of belt pads



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Tab.123

- Updated table

Tab.126

- Updated table

Tab.130

- Updated rear cable

- California T:

Tab.1

- Updated table

Tab.2

- Updated torsional damper

Tab.3

- Updated table

Tab.4

- Updated table

Tab.12

- Updated table

Tab.13

- Updated table

Tab.14

- Updated fastener



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Tab.17

- Updated fasteners

Tab.25

- Updated fastener

Tab.27

- Updated fastener

Tab.30

- Added CCP kit

Tab.31

- Updated fasteners

Tab.41

- Updated table

Tab.48

- Added battery mount

Tab.49

- Updated fastener

Tab.51

- Updated fastener

Tab.54

- Updated 2 Kg extinguisher

Tab.101

- Updated table



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Tab.104

- Updated fastener

Tab.109

- Updated RH/LH sun visors

Tab.128

- Updated drive side underdash trim

Tab.134

- Updated fastener

Tab.137

- Updated fastener

Tab.138

- Updated fastener

- LaFerrari:

Tab.2

- Updated compl. engine pistons RH/LH cylinder banks

Tab.6

- Updated table

Tab.13

- Updated RH/LH rear silencers

Tab.18

- Updated table



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Tab.44

- Updated 2 Kg extinguisher

Tab.102

- Added fastener

Tab.118

- Updated knee guard bracket

Tab.123

- Updated rear fog lights-parking camera

- F12berlinetta:

Tab.1

- Updated front crankcase cover

Tab.2

- Updated compl. engine pistons RH/LH cylinder banks

Tab.19

- Updated table

Tab.38

- Added fastener

Tab.44

- Added bracket compl. with clip

Tab.48

- Updated 2 Kg extinguisher



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Tab.102

- Updated RH/LH front brake brackets

Tab.110

- Updated RH sun visors

Tab.114

- Added fasteners

Tab.125

- Updated driver side vent control

Tab.139

- Updated GPS antenna - NIT splitter extension cable

- FF:

Tab.1

- Updated table

Tab.6

- Updated table

Tab.12

- Updated table

Tab.24

- Updated compl. park-lock release mechanism

Tab.44

- Updated table



Ferrari North America

Tab.45

- Updated table

Tab.49

- Updated 2 Kg extinguisher

Tab.102

- Updated fasteners

Tab.110

- Updated sun visors

Tab.117

- Updated table

Tab.123

- Updated fastener

- California:

Tab.121

- Updated RH/LH sun visors

Tab.154

- Updated navigator head unit

- 599 GTO:

Tab.16

- Updated RH/LH resonator pipe



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**- 612 Scaglietti/
612 Sessanta:**

Tab.47

- Updated RH/LH front caliper with pads

Tab.48

- Updated RH/LH rear caliper with pads

Tab.58

- Updated hub caps

**- 430 Scuderia /
Scuderia Spider 16M:**

Tab.113

- Updated sun visors

Tab.140

- Updated front side marker

- F430 Spider:

Tab.137

- Updated sun visors

Tab.137

- Updated front side marker

- F430:

Tab.131

- Updated front side marker



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S.T. Schedule

The S.T. Schedule has been updated in consideration of the changes to the Spare Parts Catalog.

Electrical System

- F12tdf:	- Amended content of Electrical System Section
- 488 Spider:	- Amended content of Electrical System Section
- 488 GTB:	- Amended content of Electrical System Section
- 458 Speciale:	- Amended content of Electrical System Section

Thank you for your co-operation.