Application for Certification – Part 1

2023 Model Year

Test Group: PFEXV06.5GDI

EVAP/Refueling Family:
PFEXR017512K
PFEXR017512D

Durability Group: PFEXGPGNN12C

Durability Group Description: Four-Stroke, Otto Cycle, Gasoline-fueled, Direct Fuel Injection

Test Group Description: 6.5 Liter V12 LDV

Applicable Exhaust Standards:

Federal Tier 3 Bin 125
California LEV III ULEV 125

Applicable Evaporative Emissions Standards:

Federal LEV III & California LEV III Evap

Carlines Covered:

812 GTS
812 Competizione
Ferrari Daytona SP3
Ferrari Monza SP1
Ferrari Monza SP2

EPA Response Requested By:
April 29, 2022

For Questions, please contact:

Ms. Priyanka Chatterjee at +1 (201) 741-1736
Priyanka.Chatterjee@ferrari.com

INDEX

COMMON SECTIONS - INDEX

A) Technical Representatives situated within the U.S.A.:

Name:	Ms. Priyanka Chatterjee
Title:	Certification and Compliance Engineer
E-mail:	Priyanka.Chatterjee@ferrari.com
Address:	Ferrari North America, Inc. 250 Sylvan Avenue Englewood Cliffs, NJ, 07632, USA
Telephone:	+1 (201) 741-1736

B) Technical Representatives situated at Ferrari's Global Headquarters:

Name:	Elisa Cavicchioli
Title:	Vehicle Certification & Regulatory Affairs Manager Ferrari S.p.A.
E-mail:	Elisa.Cavicchioli@ferrari.com
Address:	FERRARI S.p.A. Via Emilia Est, 1163 41122 MODENA (Italy) P.O. Box 589 41122 MODENA
Telephone:	+39 0536-949111
Facsimile:	+39 0536-949594

The Certificate of Conformity should be issued to:

FERRARI S.p.A.

Any other official documents should be mailed to:

Name:	Elisa Cavicchioli
Title:	Vehicle Certification & Regulatory Affairs Manager Ferrari S.p.A.
E-mail:	Elisa.Cavicchioli@ferrari.com
Address:	Ferrari S.p.A.
Telephone:	+39 0536-241277
Facsimile:	+39 0536-949512

Exhaust Emission Testing:

Ferrari performs the following driving cycles on the worst case configuration:

- FTP 75 at 70°F
- Highway
- US06
- SC03
- Cold FTP 75 at 20°F
- FTP 75 at 50°F

Ferrari performs all the Exhaust Emission Tests using the E10 test fuel.

Evaporative Testing:

Ferrari performed the following Evaporative testing for both evap family:

- Federal 2-day
- Federal 3-day
- Running Losses
- ORVR
- Canister Bleed (Tier 3 / LEV III)
- Leak Test

Additional Durability testing information can be found in the "*Ferrari Deterioration Factor Computation Activity on Going*" presentation from December 6th 2012.

Description of the Test Group determination according to Federal Register §86.1827-01:

- Test group name: PFEXV06.5GDI
- Engine displacements covered:
  - 812 GTS, 812 Competizione, Ferrari Daytona SP3, Ferrari Monza SP1, Ferrari Monza SP2:

    6,496 cm^3 (6.5L)
- Arrangement & # of cylinders: V12 at 65°
- Vehicle class covered: LDV (PC)
- Emission standards class: Tier 3 Bin 125 / LEV III ULEV 125 (50 States)
- Applicable emission standards: See summary sheet for emission standards enclosed in Section 07. See Test Results.

The MY 2023 **812 GTS** is the worst-case Emission Data Vehicle for this test group (on which certification tests with Tier 3 E10 fuel was performed) because its Test Weight and Inertia Weight Class are the highest among all the models. The certification tests with Tier 3 E10 fuel were performed also on the other carlines covered by this test group.

Test vehicle number & configuration number from VERIFY: VID No. 241041/0, 241041/1 .

Basic vehicle description:

- Engine displacement: 6,496 cm^3
- Emission control system: DFI/AIR/2TWC/2H02S(2)/2CGPF
- Engine code: F140GA (6.5/V12/65)
- Transmission: Semiautomatic 7-speed (A7/S7), dual clutch transmission
- ETW: 4500 lbs
- Axle ratio: 4.375
- A/C included: Yes
- Complete Vehicle Description: Please refer to the Vehicle Information Data Sheets

STATEMENTS

1. **STATEMENT ON THE OBD COMPLIANCE WITH CALIFORNIA OBD II REQUIREMENTS ACCORDING TO THE 40 CFR §86.1806-05(j) FOR APPLICATION MODEL YEAR**
   Ferrari states that the California OBD II system mounted in the vehicles meets the full intent of both the Clean Air Act as amended in 1990, §202 (m), Title 13 CCR, §1968.2, and the Federal OBD regulations contained in 40 CFR §86.1806-17, and that the OBD system fulfills the requirements of 40 CFR §86.1806-17 including those provisions pertaining to requests for deficiencies.
2. **STATEMENT ATTESTING THAT THE KNOCK DETECTION MODULE MOUNTED IN THE VEHICLES DO NOT ACTIVATE DURING THE FOLLOWING CONDITION:**
   The Knock detection modules do not activate in any way during the FTP and HWFET and the calibration is designed to operate on 91 RON (93 A.K.I. Octane or higher) gasoline without the need for spark adjustment. There is no influence on the Knock Detection Module control on the city/highway fuel economy and emission results; both remain within the normal test variability.
3. **NMOG**
   This test group is certified in compliance with the exhaust emission standards Federal Tier 3 and California LEV III regulations. Therefore, there is the possibility to calculate NMOG from NMHC.
4. **SPITBACK FUEL**
   The vehicles belonging to this evap./refueling family have been tested according to Federal Regulations and fully comply with all ORVR System Design Rules.
5. **LEAK-FREE EXHAUST**
   Ferrari attests that the exhaust systems installed on all of Ferrari models are free of exhaust leaks as required by 40 CFR §86.1844 (1)(d)(16)(i).
6. **DEFEAT DEVICES & AECD COMPLIANCE**
   The vehicle design does not incorporate strategies that unnecessarily reduce emission control effectiveness exhibited during the FTP, HWY, US06, SC03 when the vehicle is operated under conditions that may reasonably be expected to be encountered in normal operation and use (inclusive of high altitude driving).
7. **HIGH ALTITUDE TESTING**
   Pursuant to the Statement of Compliance Provision presented in 40 CFR §86.1829-15(c) Ferrari States that based on engineering evaluation of appropriate Exhaust and Evaporative Emissions Test Results, all Ferrari Light Duty Vehicles comply with all applicable Emissions Standards at High Altitude.
8. **HIGH ALTITUDE COLD NMHC AND CREE/CO2 COMPLIANCE**
   Ferrari attests that hardware and software emission control strategies of the vehicles of this group used during low altitude condition testing are used similarly across all altitudes for in-use operation
9. **PERFORMANCE WARRANTY TEST COMPLIANCE**
   Ferrari attests that the emission control OBD system complies with the performance warranty test for every vehicle in this test group.
10. **FORMALDEHYDE**
    Ferrari attests to the fact that Formaldehyde levels emitting from the vehicles exhaust are lower than the requisite standards.
11. **CH4**
    Ferrari attests that all models in this test group meet the CH4 standards set out in the National GHG Rule applicable to this model year.
12. **FEDERAL LBT+4% COMPLIANCE**
    Ferrari expects that the vehicles in this test group comply with the SFTP/LBT+4% requirement. Enrichment calibrations richer than LBT+4% can protect the engine from emission control hardware failures, engine component failures, excessive coolant temperatures, piston scuff.
13. **FEDERAL AND CALIFORNIA EMISSION CONTROL SYSTEM CONTINUITY**
    Based on engineering evaluations of emission testing between 20F and 86F, Ferrari states there is no discontinuity in emission performance of NMOG, CO, CO2, NOx, N2O, CH4 or HCHO as measured on the Federal Test Procedure and on the Highway Fuel Economy Test Procedure in the temperature range of 20F to 86F for vehicles in this test group.

The information concerning the OBD system description is in
Section 16: Confidential Information.
Please refer to that section for more details.

This section is not applicable to Ferrari vehicles.

For a list of Auxiliary Emission Control Devices (AECDs)
for all Ferrari models, please refer to *Appendix A* at the end of this application.

List of Certified Vehicles

- Durability Group: PFEXGPGNN12C
- Test Group: PFEXV06.5GDI
- Evaporative Family: PFEXR017512K
- Fuel: Gas
- Carline: 812 GTS, 812 Competizione, Ferrari Monza SP1, Ferrari Monza SP2

Engine Control System Description:

- Catalytic Converter: 2-TWC
- EGR: N
- AIR AIR
- Fuel System: DFI
- Aspiration: Natural
- Oxygen Sensor: 2 front/2 rear oxygen sensors
- Valves per Cylinder: 4
- Sales Area: 50 States
- SIL: Yes
- Transmission / OD: A7/S7/2
- Engine Diplacement: 6.5 L
- Axle Ratio: 4.375
- ETW:

812 GTS:	4,500 lbs
812 Competizione:	4,250 lbs
Ferrari Monza SP1 & SP2	4,000 lbs

- Fuel Tank Volume:

812 GTS, 812 Competizione:	24.3 gal (92 L)
Ferrari Monza SP1 & SP2	23.8 gal (90 L)

- N/V Ratio:

812 GTS, 812 Competizione:	36.2
Ferrari Monza SP1 & SP2	36.3

- TRLHP:

812 GTS:	17.5 hp
812 Competizione:	17.9 hp
Ferrari Monza SP1 & SP2	18.3 hp

- Carline (basic engine):

812 GTS:	161
812 Competizione:	162
Ferrari Monza SP1	176
Ferrari Monza SP2	177

- Engine Code:

812 GTS, Ferrari Monza SP1 & SP2	F140 GA
812 Competizione:	F140 HB

- Internal Model Code:

812 GTS:	F152M RHT
812 Competizione:	F152M VS
Ferrari Monza SP1 & SP2	F176

• Tire Size:	812 GTS, 812 Competixione:	**F**: 275/35 ZR20 – **R**: 315/35 ZR20
	Ferrari Monza SP1 & SP2	**F**: 275/30 ZR20 – **R**: 315/30 ZR20
• Inertia Weight Class:	812 GTS:	4,500 lbs
	812 Competizione:	4,000 lbs
	Ferrari Monza SP1 & SP2	4,000 lbs

List of Certified Vehicles

- Durability Group: PFEXGPGNN12C
- Test Group: PFEXV06.5GDI
- Evaporative Family: PFEXR017512D
- Fuel: Gas
- Carline: Ferrari Daytona SP3

Engine Control System Description:

- Catalytic Converter: 2-TWC
- EGR: N
- AIR AIR
- Fuel System: DFI
- Aspiration: Natural
- Oxygen Sensor: 2 front/2 rear oxygen sensors
- Valves per Cylinder: 4
- Sales Area: 50 States
- SIL: Yes
- Transmission / OD: A7/S7/2
- Engine Diplacement: 6.5 L
- Axle Ratio: 4.375
- ETW: 4,000 lbs
- Fuel Tank Volume: 22.7 gal (86 L)
- N/V Ratio: 36.2
- TRLHP: 17.5 hp
- Carline (basic engine): 251
- Engine Code: F140 HC
- Internal Model Code: F150 BD
- Tire Size: **F**: 265/30 ZR20 – **R**: 345/30 ZR21
- Inertia Weight Class: 4,000 lbs

Engine Starting Procedure

Applicable to all Ferrari Models equipped with 7-speed DCT semiautomatic transmission (Shift paddles behind the steering wheel)

Premise

The vehicle is equipped with a 7-speed dual-clutch transmission (DCT-7) that can be operated both in manual mode, using two paddles behind the steering wheel, or in automatic mode, with the Transmission Control Module that changes gears automatically. Every time the engine is started, the AUTO mode is selected. To use the transmission in MANUAL mode, it is enough to pull one of the paddles or push the AUTO button, fitted on the central console. While the automatic mode is selected, the word “auto” is shown in the gear display.

Preliminary Deactivation of the Immobilizer

Press the remote control button attached to the ignition key, so that the small red warning light fitted over the central console is off rather than flashing. Then by about 10 seconds, start the engine as explained below.

Cold and Warm Starts

Proceed as follows:

A. Activation of the DCT 7-speed transmission

To activate the DCT 7-speed transmission, turn the ignition key to position **II**. In the instrument panel, the relative warning light A turns on for an auto check. The check could take some seconds and during this time the system does not accept any input. The warning light will turn off if no problems are detected within a few seconds. The letter P (Parking) or N (Neutral) will remain highlighted on the display.

In this step, the following could happen:

1. If the failure warning light turns off, the system is correctly started;
2. If the failure warning light flashes continuously, the system is under failure (in this case there will be an acoustic alarm warning you of the failure). At this point turn the ignition key back to position 0 and repeat the same steps mentioned above after checking the system failure.

B. Transmission operation

At the end of point a) the system is activated and the engaged gear will appear on the specific display fitted in the instrument panel (see Figure on page 00-6): **R, 1....7, P, N**. If the gear flashes (it could also happen in **N**) it means that the gear is not completely engaged or disengaged; in this case engage properly the gear selected.
If a horizontal dash appears on the display the system is in failure mode regarding the CAN communication.

- With engine OFF, it is not possible to engage any gear.
- To engage any gear, the brake pedal must be pressed.
- The right paddle is for upshifts and the left paddle is for downshifts
- To put the transmission in neutral (**N**) pull simultaneously both paddles.
- To engage first gear, pull the paddle UP towards the steering wheel.

- To engage the reverse gear, with vehicle stopped and engine running, hold button **R** on the central console, until the letter **R** appears on the gear display. A buzzer is activated while the reverse is engaged.
- In order to disengage the reverse gear, pull the right paddle.

C. Engine starting

After reviewing the steps mentioned in point a, make sure to see figure on page 00-6 for Engine Start button. In addition, make sure that the display on the cluster is not flashing while pressing the brake pedal. In this condition, if any gear is engaged, the transmission goes automatically to **N**. If the display flashes, put the transmission in **N.** The engine does not start if the transmission is not completely in **N**.

Press the **ENGINE START** button (located on the steering wheel) and release it as soon as the engine starts. Do not hold the **ENGINE START** button down for a long period of time. If the engine does not start or stalls, turn the ignition key back to position **0**, wait until the transmission display is off and then reprocess the step mentioned in point a).

Do not step on accelerator pedal during engine starting and until the engine is running smoothly.

Engine Starting – Keyless Ingition System

In select models, The new Ferrari keys in utilize a Key-Less vehicle ignition system which can turn on the instrument panel and then the engine by simply placing the key inside the vehicle, near the driving area. The dedicated ECU recognizes the vehicle key by the electronic ID code it contains. The ENGINE START/STOP button on the steering wheel controls the KEY-ON, KEY-OFF, ENGINE START and ENGINE STOP functions:

- **KEY-ON**: Activate the vehicle system (instrument panel, air conditioning and heating system, infotainment system, etc.), press and quickly release the ENGINE START/STOP button on the steering wheel, without depressing the brake pedal.
- **KEY-OFF**: Deactivate the vehicle system without starting the engine, press the ENGINE START/STOP button on the steering wheel again.
- **ENGINE START**: Start the engine, keep the brake pedal pressed and press the ENGINE START/STOP button on the steering wheel.
- **ENGINE STOP**: Turn off the engine when the **vehicle is stationary**, press the ENGINE START/STOP button on the steering wheel.

If the key battery has a charge level that is only just sufficient, the vehicle informs the driver via a message on the left TFT display of the instrument panel and recommends replacing the battery as soon as possible. If the battery is dead or the key is not recognized, perform the emergency engine stop procedure described in the Owner's manual

Warning
If the engine still does not start after a few attempts, see the Owner's Manual at "Engine Starting" section for troubleshooting the cause of the problem.

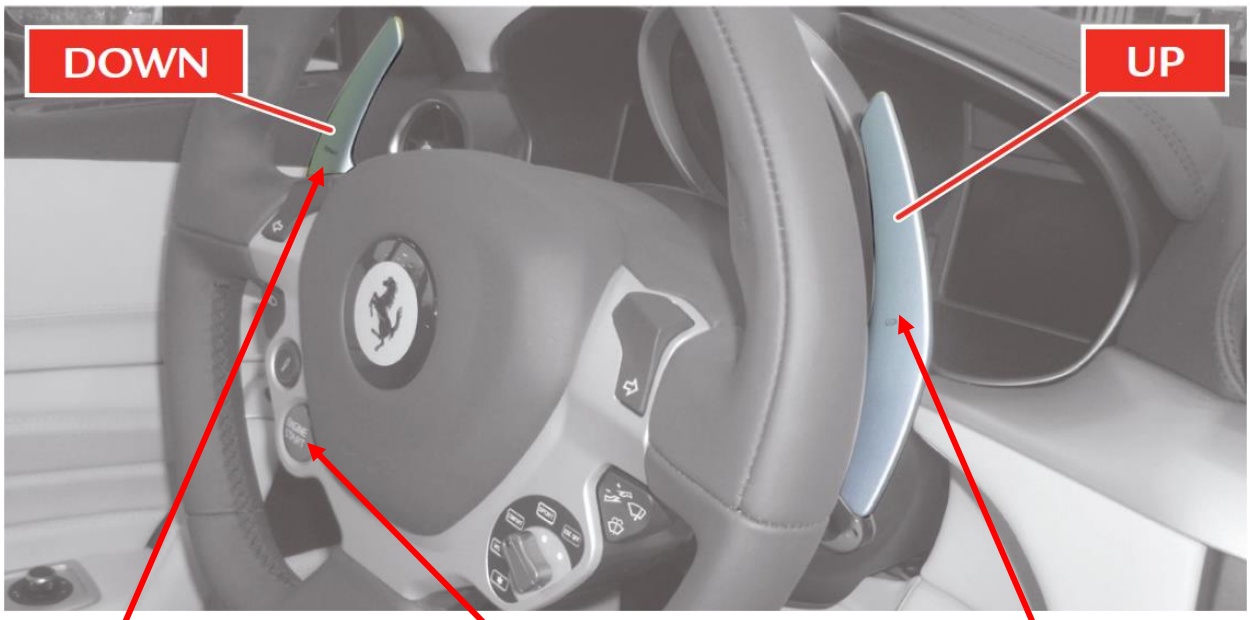
Shifting schedules

A specific gearshift pattern, approved by EPA, is used to carry out both urban and highway test cycles for this vehicle equipped with the DCT 7-speed transmission, when used in MANUAL mode. The shift points are listed below.

Shift speeds:	**Urban Test (FTP)**	**Highway Fuel Economy Test**
	1^{st} to 2^{nd} = 7.5 mph	Same as FTP
	2^{nd} to 3^{rd} = 12.5 mph	" " "
	3^{rd} to 4^{th} = 17.5 mph	" " "
	4^{th} to 5^{th} = 22.5 mph	" " "
	5^{th} to 6^{th} = 27.5 mph	" " "
	6^{th} to 7^{th} = 32.5 mph	" " "

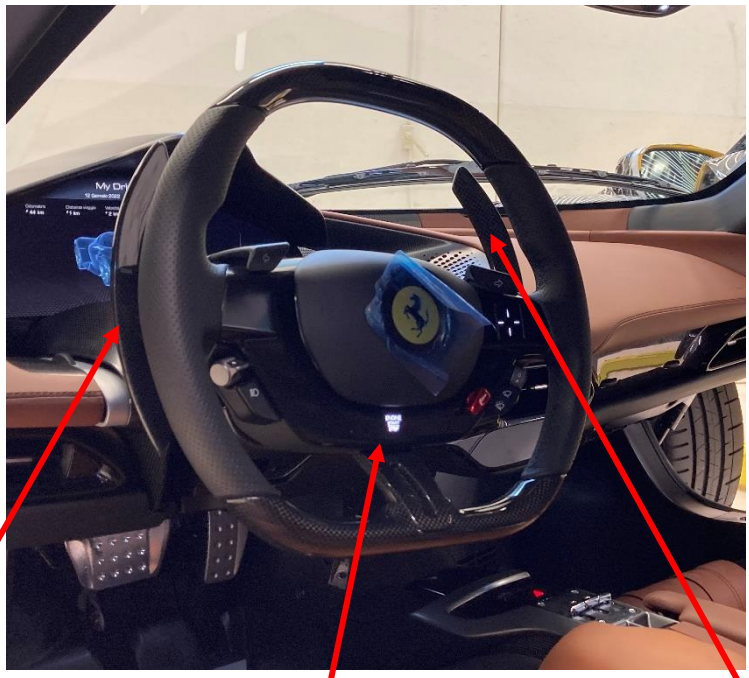
Downshift from 3rd to 2nd gear is not required during the urban test.

812 GTS, 812 Competizione, Ferrari Monza SP1 & SP2



Left-Hand DOWNSHIFT Paddle **ENGINE START Button** **Right-Hand UPSHIFT Paddle**

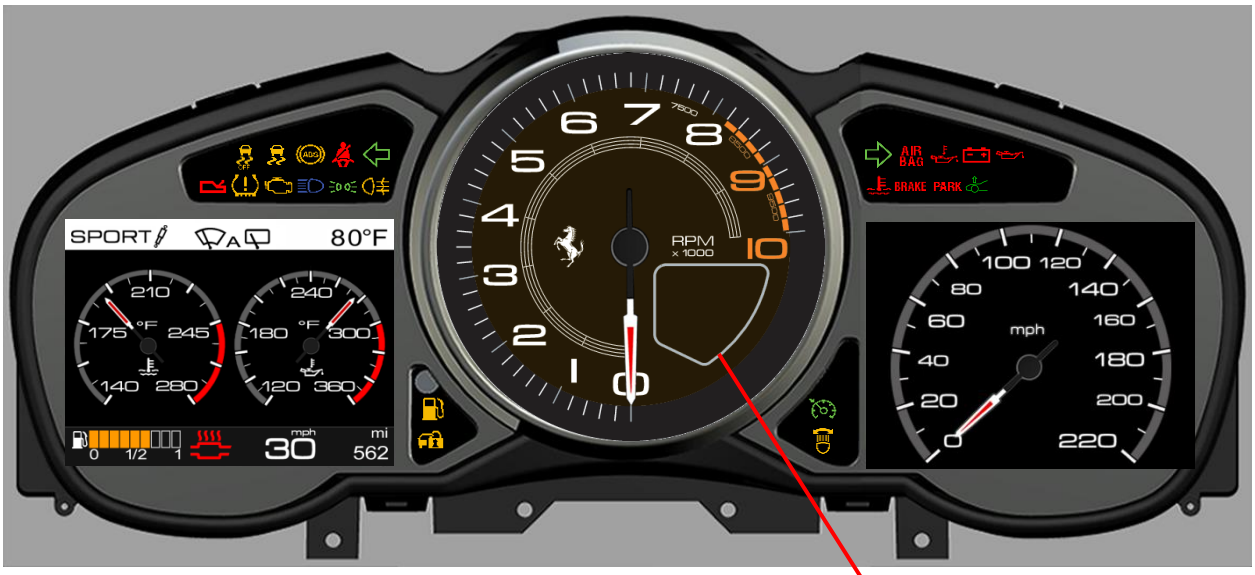
Ferrari Daytona SP3



Left-Hand DOWNSHIFT Paddle **ENGINE START Button** **Right-Hand UPSHIFT Paddle**

Controls and displays for all Ferrari models equipped with "Semiautomatic Transmission"
[shift paddles behind the steering wheel (F1 gearbox)]

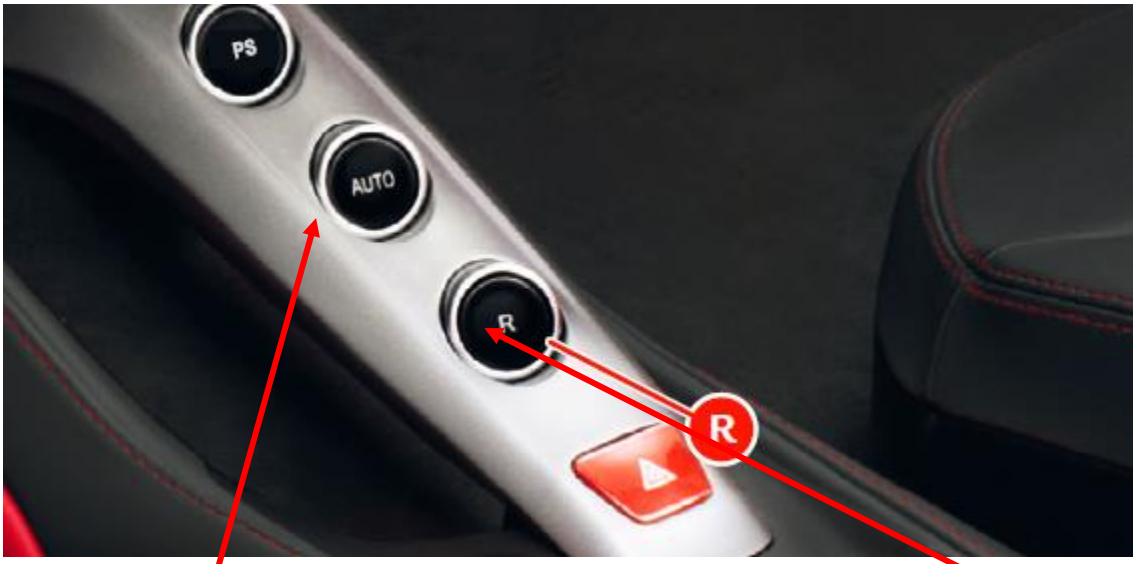
812 GTS, 812 Competizione, Ferrari Monza SP1 & SP2



Display of engaged gear

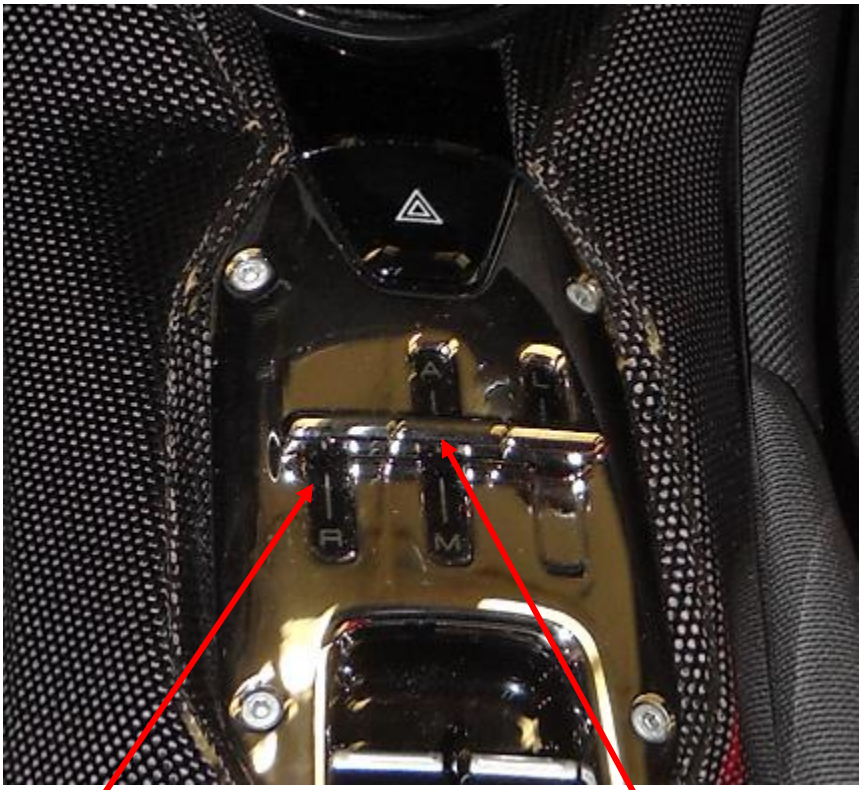
Ferrari Daytona SP3

812 GTS



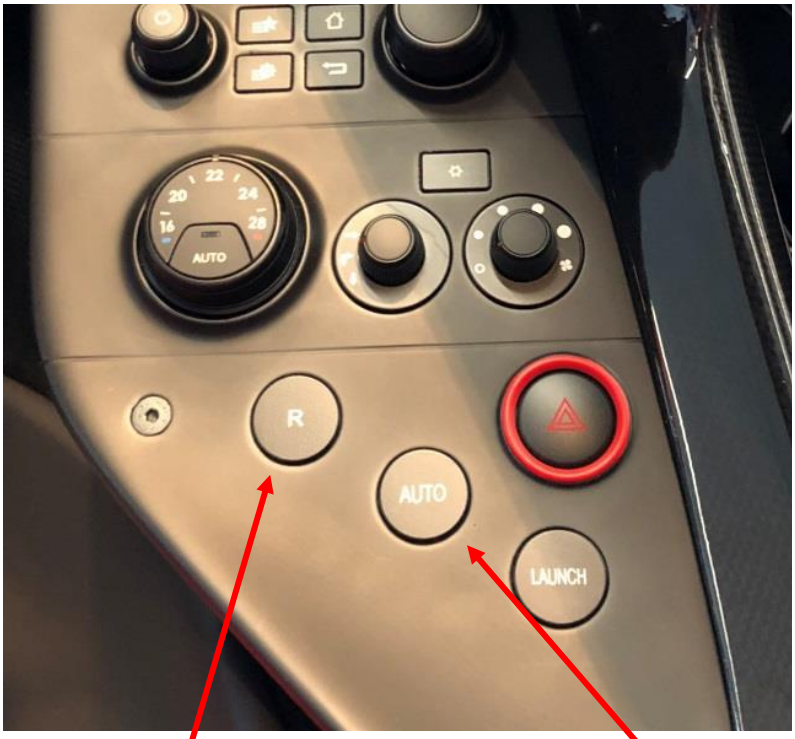
“Automatic” Gearbox Mode **Reverse Gear**

812 Competizione, Ferrari Daytona SP3



Reverse Gear **“Automatic” Gearbox Mode**

Ferrari Monza SP1 & SP2



Reverse Gear **“Automatic” Gearbox Mode**

Test Group: PFEXV06.5GDI
Evap./Refueling Family: PFEXR017512K

Ferrari S.p.A. requests that EPA issue a **2023** Model Year Certificate of Conformity/Executive Order for the above specified Test Group-Evaporative/Refueling Family combination extensively described in this application. This Test Group combination complies with all applicable regulations contained within 40 CFR Part 86, and the following applicable emission standards (LEV III):

Federal (any altitude): ___**X**____ California: ___**X**____

The application is current as of this date.

Elisa Cavicchioli
Vehicle Certification & Regulatory Affairs Manager
Ferrari S.P.A.

Test Group: PFEXV06.5GDI
Evap./Refueling Family: PFEXR017512D

Ferrari S.p.A. requests that EPA issue a **2023** Model Year Certificate of Conformity/Executive Order for the above specified Test Group-Evaporative/Refueling Family combination extensively described in this application. This Test Group combination complies with all applicable regulations contained within 40 CFR Part 86, and the following applicable emission standards (LEV III):

Federal (any altitude): ___**X**____ California: ___**X**____

The application is current as of this date.

Elisa Cavicchioli
Vehicle Certification & Regulatory Affairs Manager
Ferrari S.P.A.

The following pages contain information considered to be “Confidential:”

- OBD System Description Pages 17.03-1 to end

INDEX

06.01.00.00 Test Vehicle Maintenance

The maintenance operations are not foreseen in the test vehicles during the accumulation of 4,000 miles.

06.01.01.00 Scheduled Maintenance

The scheduled maintenance should be performed at intervals of 5,000 - 15,000 - 30,000 - 45,000 - 60,000 - 75,000 - 90,000 – 105,000 – 120,000 - 135,000 - 150,000 miles as specified on section 06.02.01.00.

- **Valve clearance:** This engine is equipped with hydraulic valve lifters and therefore no adjustment is required during the useful life of the vehicle.
- **Auxiliary engine control belts:** Check tension and wear conditions.
- **Idle speed adjustment procedure:** The idle speed is controlled by the motorized throttle body via the ECM and holds the engine speed almost constant, regardless of engine load and no adjustment is required during the useful life of the vehicle.
- **Ignition timing setting procedure:** The basic ignition timing is fixed, and no setting is required during the useful life of the vehicles. To be sure that the advance timing is correct, check that ignition wires are properly connected.
- **Idle CO setting procedure:** No adjustment required.

06.01.02.00 Unscheduled Maintenance

Unscheduled Maintenance will be conducted, if necessary, according to the U.S.A. Federal and ARB regulations, as applicable.

06.01.02.01 Diagnostic Procedures

Please refer to the Service Manual

06.01.02.02 Procedures for Evaluating Driveability

In the Mileage Accumulation Dept files.

06.01.02.03 Blanket Approval List

Blanket approval is not foreseen.

06.01.02.04 Service (Shop) Manuals

A copy of the Service Manual will be submitted for information as soon as available or with the Application Part 2.

06.01.02.05 Owner's Manual: The Owner's manual will be submitted as soon as available.

The various items of the scheduled maintenance are subdivided in arguments and summarized in a table of the manual; reference is made against individual items showing page No. under which a general description of the maintenance operation will be found.

06.01.02.06 Technical Service Bulletins

Ferrari uses Technical Information Sheets to communicate to U.S. Ferrari Importer and Dealers the service and assistance information.

Ferrari will submit two copies of these sheets, when pertinent to Emission Control System, at the time they will be issued.

06.02.01.00 Maintenance Schedule

The following maintenance schedule is to be followed for Ferrari test group PFEXV06.5GDI. The free service is not foreseen in this test group.

Service required at indicated miles:

812 GTS, 812 Competizione, Ferrari Daytona SP3, Ferrari Monza SP1 & SP2:

Items	Miles (whichever comes first)											
	12.5k or 1 year	25k or 2 years	37.5k or 3 years	50k or 4 years	62.5k or 5 years	75k or 6 years	87.5k or 7 years	100k or 8 years	112.5k or 9 years	125k or 10 years	137.5k or 11 years	150k or 12 years
Spark plugs					R							
Emission-related hoses and tubes				(*)				(*)				
Ignition wires				(*)				(*)				
Idle mixture				(*)				(*)				
Air Injection system components								(*)				
Fuel injectors								(*)				
Electronic engine control unit and its associated sensors (except oxygen sensors) & actuators								(*)				
Evaporative and refueling emission canister								(*)				

R = Replace

(*) = Adjust, Clean, Repair or Replace

Recommended operations need not be performed in order to maintain Ferrari's emission warranty liability or its liability for any recall affecting the emission control system. All the operations marked with the asterisk (*) are not required but recommended if the car is frequently driven either in heavy traffic conditions or in dusty or sandy roads.

Miscellaneous: engine oil level, tire pressure and engine coolant level should be checked at intervals of about 500 miles.

CALIFORNIA EMISSION CONTROL WARRANTY STATEMENT

Applicable Exclusively to Vehicles Certified for

Sale in: Arizona, California, Connecticut, Delaware, District of Columbia, Florida, Maine, Maryland, Massachusetts, New Jersey, New Mexico, Oregon, Pennsylvania, Rhode Island, Vermont or Washington

and Registered in: California, Connecticut, Delaware, District of Columbia, Florida, Maine, Maryland, Massachusetts, New Jersey, New Mexico, Oregon, Pennsylvania, Rhode Island, Vermont or Washington

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The California Air Resources Board and Ferrari are pleased to explain the emission control system warranty on your 2023 MY Ferrari vehicle. In California and other U.S. states that follow California regulations, new motor vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards. Ferrari must warrant the emission control system on your vehicle for the periods of time listed below provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emission control system may include parts such as the fuel-injection system, the ignition system, catalytic converter, engine computer and air injection pump. Also included may be hoses, belts, connectors and other emission-related assemblies.

Where a warrantable condition exists, Ferrari will repair your vehicle at no cost to you including diagnosis, parts and labor.

MANUFACTURER'S WARRANTY COVERAGE:

- For 3 years or 50,000 miles (whichever first occurs):
    1) If your car fails a Smog Check inspection, all necessary repairs and adjustments will be made by Ferrari to ensure that your vehicle passes the inspection. This is your emission control system **PERFORMANCE WARRANTY.**
    2) If any emission-related part on your vehicle is defective, the part will be repaired or replaced by Ferrari. This is your short-term emission control system **DEFECTS WARRANTY.**
- For 7 years or 70,000 miles (whichever first occurs):
    1) If an emission-related part listed in this warranty booklet specially noted with coverage for 7 years or 70,000 miles is defective, the part will be repaired or replaced by Ferrari. This is your long-term emission control system **DEFECTS WARRANTY.**

OWNER'S WARRANTY RESPONSIBILITIES:

As the vehice owner, you are responsible for the performance of the required maintenance listed in your owner's manual. Ferrari recommends that you retain all receipts covering maintenance on your vehice, but Ferrari cannot deny warranty solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

You are responsible for presenting your vehice to a Ferrari dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehice owner, you should also be aware that Ferrari may deny your warranty coverage if your vehice or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities, you should contact the Ferrari North America, Inc., Importer at 250 Sylvan Avenue, Englewood Cliffs, NJ 07632 - (201) 816-2600 or the California Air Resources Board at California Air Resources Board at 1001 "I" Street, P.O. Box 2815, Sacramento, CA 95812, Phone: (916) 322-2990.

For the 3 years or 50,000 miles DEFECT WARRANTY, a warranted part is any part which affects any regulated emission.

If your vehicle fails a smog check inspection after 3 years or 50,000 miles (whichever first occurs) but before 7 years or 70,000 miles (whichever first occurs) as the result of a failure and/or malfunction of a part which is warranted for 7 years or 70,000 miles, any authorized Ferrari dealer will diagnose and correct the part failure or malfunction at no cost to you unless the part failure or malfunction was caused by abuse, neglect, or improper maintenance. If the smog check failure is the result of one or more defects covered under warranty in combination with one or more conditions excluded from warranty coverage any Ferrari dealership will diagnose and correct the warrantable defects.

If you bring your vehicle to an authorized Ferrari dealer for performance warranty service and Ferrari does not notify you within 30 days (unless you request a delay or a delay is caused by an event not attributable to Ferrari) that a warrantable condition does not exist, Ferrari will perform all emission warranty diagnosis and repair at no cost to you.

Under federal regulations, you may be eligible for additional warranty coverage during the first 8 years or 80,000 miles (whichever first occurs).

List of Parts Warranted for 7 years/70,000 miles (whichever first occurs) - Vehicles sold in: Arizona, California, Delaware, Connecticut, District of Columbia, Florida, Maine, Maryland, Massachusetts, New Jersey, New Mexico, Oregon, Pennsylvania, Rhode Island, Vermont or Washington; **and Registered in Arizona,** California, Connecticut, Delaware, District of Columbia, Florida, Maine, Massachusetts, New Jersey, New Mexico, Oregon, Pennsylvania, Rhode Island, Vermont or Washington - 812 GTS, 812 Competizione, Ferrari Daytona SP3, Ferrari Monza SP1 & SP2 (Test Group PFEXV06.5GDI).

- Fuel pump
- Injection and ignition engine control modules (ECMs)
- Transmission control module (TCM)
- Fuel injection valves
- Intake manifolds
- Motorized throttle valve housings
- Fuel tank
- Exhaust manifolds
- Three-way Catalytic Converters
- OBD System
- Four-way Catalytic Converters

Warranty periods shall begin on the date the vehicle is delivered to an ultimate purchaser, or if the vehicle is first placed in service as a "demonstrator" or "company" car prior to delivery, on the date it is first placed in service.

What is not covered by the California Emission Control System Warranty:

The warranty does not cover:

- Malfunctions in any part caused by any of the following: misuse, improper adjustments not performed by a Ferrari dealership, modification, alteration, tampering, disconnection, improper or inadequate maintenance, or use of leaded gasoline (for catalytic converter vehicles).
- Damage resulting from accident, acts of nature or other events beyond the control of Ferrari.
- The first scheduled replacement of warranted parts which are scheduled for replacement prior to 70,000 miles as part of required maintenance.
- The repair or replacement of warranted parts which are scheduled for replacement prior to 70,000 miles (such as spark plugs, filters, hoses, and belts) once these parts have been replaced at the first scheduled replacement interval as part of required maintenance services.
- Loss of time, inconvenience, loss of use of the vehicle, or commercial loss.
- Any vehicle on which odometer mileage has been changed so that mileage cannot be readily determined.

The emission control systems of your new 2023 MY Ferrari passenger car were designed built and tested using genuine Ferrari parts and the car is certified as being in conformity with California emission control requirements. Accordingly, it is recommended that any replacement parts used for maintenance, repair or replacement of emission control systems be new, genuine Ferrari parts. The owner may elect to have maintenance, replacement or repair performed by any automotive repair establishment or individual, and may elect to use parts other than new, genuine Ferrari parts for such maintenance, replacement or repair without invalidating this warranty. However, the costs of such service or parts are not covered under the warranty except in case of an emergency. The warranty will not apply if such service or parts cause damage to warranted parts or cause the vehicle not to conform to applicable requirements.

Use of replacement parts which are not of equivalent quality to new, genuine Ferrari parts may impair the effectiveness of emission control systems. If other than new, genuine Ferrari parts are used for maintenance, replacement or repair of components affecting emission control, the owner should obtain assurances that such parts are warranted by their manufacturers to be equivalent to new, genuine Ferrari parts in performance and durability.

Ferrari assumes no liability with respect to parts other than new, genuine Ferrari parts. However, the use of non-Ferrari replacement parts will not invalidate the warranty on other components, unless non-Ferrari parts cause damage to warranted parts or cause the vehicle not to conform to applicable requirements.

Repairs and service covered by the California emission control system warranty should be performed by any authorized Ferrari dealer at his place of business using new, genuine Ferrari parts for any part of the emission control system covered by this warranty. Such covered repair and service performed by a Ferrari dealer will be performed without charge. In the case of an emergency, where an authorized Ferrari dealer is not available, repairs may be performed at any available service establishment or by the owner using any replacement part. The owner will be reimbursed for such repairs (including diagnosis) that are covered under this warranty not to exceed the manufacturers suggested retail price for all warranted parts replaced and not to exceed labor charges base on the recommended time allowance and the geographically appropriate hourly labor rate. Replaced parts and paid invoices, must be presented at a Ferrari dealership as a condition of reimbursement for emergency repairs not performed by a Ferrari dealer. Unavailability exceeding 30 days of any part required for warranty service or incomplete repairs within 30 days also constitutes an emergency.

You are advised to perform all recommended maintenance or repairs on your new 2023 Ferrari vehicle. You are responsible for the performance of all required maintenance. A warranty claim will not be denied solely because you have no record of maintenance; however, a warranty claim may be denied if your failure to perform required maintenance results in the failure of a warranted part or causes the vehicle to fail a smog check test. Receipts and maintenance records covering the performance of regular maintenance should be retained in the event questions arise concerning maintenance. The receipts and maintenance records should be transferred to each subsequent owner of the vehicle.

50-State VECI Label: Ferrari 812 GTS

Ferrari S.p.A.	VEHICLE EMISSION CONTROL INFORMATION	
APPLICABLE MODELS: FERRARI 812 GTS TEST GROUP NAME: PFEXV06.5GDI ENGINE DISPLACEMENT: 6.5 L (CID: 396) EVAPORATIVE/REFUELING FAMILY: PFEXR017512K EXHAUST EMISSION CONTROL SYSTEM: DFI/AIR/2TWC/2HO2S(2)/2CGPF OBD II: CALIFORNIA CERTIFIED		
THIS VEHICLE CONFORMS TO U.S. EPA TIER 3 - BIN 125 AND STATE OF CALIFORNIA LEV III - ULEV 125 REGULATIONS APPLICABLE TO GASOLINE-FUELED 2023 MODEL YEAR NEW MOTOR VEHICLES (PASSENGER CARS)		
NO ADJUSTMENT NEEDED	MY 2023	945562

50-State VECI Label: Ferrari 812 Competizione

Ferrari S.p.A.	VEHICLE EMISSION CONTROL INFORMATION	
APPLICABLE MODELS: FERRARI 812 COMPETIZIONE TEST GROUP NAME: PFEXV06.5GDI ENGINE DISPLACEMENT: 6.5 L (CID: 396) EVAPORATIVE/REFUELING FAMILY: PFEXR017512K EXHAUST EMISSION CONTROL SYSTEM: DFI/AIR/2TWC/2HO2S(2)/2CGPF OBD II: CALIFORNIA CERTIFIED		
THIS VEHICLE CONFORMS TO U.S. EPA TIER 3 - BIN 125 AND STATE OF CALIFORNIA LEV III - ULEV 125 REGULATIONS APPLICABLE TO GASOLINE-FUELED 2023 MODEL YEAR NEW MOTOR VEHICLES (PASSENGER CARS)		
NO ADJUSTMENT NEEDED	MY 2023	944989

50-State VECI Label: Ferrari Daytona SP3

Ferrari S.p.A.	VEHICLE EMISSION CONTROL INFORMATION	
APPLICABLE MODELS: FERRARI DAYTONA SP3 TEST GROUP NAME: PFEXV06.5GDI ENGINE DISPLACEMENT: 6.5 L (CID: 396) EVAPORATIVE/REFUELING FAMILY: PFEXR017512D EXHAUST EMISSION CONTROL SYSTEM: DFI/AIR/2TWC/2HO2S(2)/2CGPF OBD II: CALIFORNIA CERTIFIED		
THIS VEHICLE CONFORMS TO U.S. EPA TIER 3 - BIN 125 AND STATE OF CALIFORNIA LEV III - ULEV 125 REGULATIONS APPLICABLE TO GASOLINE-FUELED 2023 MODEL YEAR NEW MOTOR VEHICLES (PASSENGER CARS)		
NO ADJUSTMENT NEEDED	MY 2023	948701

50-State VECI Label: Ferrari Monza SP1 & SP2

Ferrari S.p.A.	VEHICLE EMISSION CONTROL INFORMATION	
APPLICABLE MODELS: FERRARI MONZA TEST GROUP NAME: PFEXV06.5GDI ENGINE DISPLACEMENT: 6.5 L (CID: 396) EVAPORATIVE/REFUELING FAMILY: PFEXR017512K EXHAUST EMISSION CONTROL SYSTEM: DFI/AIR/2TWC/2HO2S(2)/2CGPF OBD II: CALIFORNIA CERTIFIED		
THIS VEHICLE CONFORMS TO U.S. EPA TIER 3 - BIN 125 REGULATION APPLICABLE TO GASOLINE-FUELED 2023 MODEL YEAR NEW MOTOR VEHICLES (PASSENGER CARS)		
NO ADJUSTMENT NEEDED	MY 2023	950533

- **Durability:** The labels are designed to withstand for the vehicle's total expected life, typical vehicle environmental conditions in the area where the labels are attached.
- **Location**: In engine compartment, on engine hood.
- **Lettering**: Black colour on white background, readable from a distance of 46 cm without obstruction from vehicle or engine parts.

08.13.03.00 Model Identification Chart

- Test Group: PFEXV06.5GDI
- Engine Code: 6.5/V12/65
- Transmission: A7/S7
- Model with A7/S7: 812 GTS, 812 Competizione, Ferrari Daytona SP3, Ferrari Monza SP1 & SP2
- Model with M7: N/A
- Equivalent Test Weight:

812 GTS:	4,500 lbs
812 Competizione	4,250 lbs
Ferrari Daytona SP3	4,000 lbs
Ferrari Monza SP1 & SP2	4,000 lbs

- Evap/Refueling Family: PFEXR017512K (812 GTS, 812 Competizione, Ferrari Monza SP1 & SP2) PFEXR017512D (Ferrari Daytona SP3)
- Evaporative Code: LEV III
- Air Conditioning: Yes

08.13.04.00 Family Identification Chart

- Test Group PFEXV06.5GDI
- Certification 50 States
- Applicable Models 812 GTS, 812 Competizione, Ferrari Daytona SP3, Ferrari Monza SP1 & SP2

SUBMISSION OF EVIDENCE OF COMPLIANCE WITH TITLE 13 C.A.C, §2290

FERRARI certifies the following:

1) The fill pipe access zones for the model covered by this application are in compliance with the requirements specified by the Air Resources Board's "Specifications for Fill Pipes and Openings of 2015 and Subsequent Model Motor Vehicle Fuel Tanks" adopted March 22, 2012, as amended, and are not obstructed in any manner by bumpers, body parts, body trims or accessories that are either factory or dealer installed.

2) The fill pipes installed on 2017 production model are in compliance with all of the requirements of the Air Resources Board's "Specifications for Fill Pipes and Openings of 2015 and Subsequent Model Motor Vehicle Fuel Tanks" adopted March 22, 2012, as amended.

In conformance with 40 CFR § 80.24, the vehicle covered by this application are provided with a gasoline tank filler inlet having a restrictor designed as to prevent the insertion of leaded fuel pump nozzle of diameter equal or greater than 0.930 in. (23.6 mm), and it allows the insertion of a nozzle with a spout as described in 40 CFR § 80.22 (f)(2).

The restrictor hole is being held closed by a spring diaphragm which can be opened only following the introduction of an unleaded fuel pump nozzle.

The fuel filler inlet for catalytic converter-equipped vehicles has been designed to comply with the "Specifications for Fill Pipes and Openings of 2015 and Subsequent Model Motor Vehicle Fuel Tanks" adopted March 22, 2012, as amended.

STATEMENT TO COMPLY WITH §206(a)(3) OF THE CLEAN AIR ACT

Ferrari states that any element of design, system or emission control device installed on or incorporated in Ferrari's new motor vehicles or new motor vehicle engines, for the purpose of complying with the standards prescribed under section 202 of the Clean Air Act, will not, to the best of Ferrari's information and belief, cause the emission into the ambient air of pollutants wich cause or contribute to unreasonable risk to public health or welfare except as specifically permitted by the standards prescribed under section 202 of the Clean Air Act. Ferrari further states that any element of design, system or emission control device installed on or incorporated in Ferrari's new motor vehicles or new motor vehicle engines, for the purpose of complying with standards prescribed under section 202 of the Clean Air Act, will not, to the best of Ferrari's information and belief, cause or contribute to an unreasonable risk to public safety.

The term pollutant means:

A. Diesel particulates
B. Nickel
C. MMT combustion products
D. Ammonia
E. Sulfates
F. Hydrogen sulfide
G. Hydrogen cyanide
H. Ruthenium combustion products
I. Nitrosamines

or any other pollutant which Ferrari has identified which can reasonably be expected to be emitted from these vehicles.

General Standards

The devices for the control of exhaust, crankcase and evaporative emissions, will not in their operation, function or malfunction result in any unsafe condition endangering the motor vehicle, its occupants, or persons or property in close proximity to the vehicle.

Prior to taking any of the actions specified in section 203(a) (1) of the Act, Ferrari has carried out tests on motor vehicles in accordance with good engineering practice to ascertain that such test vehicles will meet the requirements of this section for the useful life of the vehicle.

The description of tests performed to ascertain compliance with the general standards in §86.1810-01 and the data derived from such tests are available to the Administrator upon request.

Test Procedures

The test vehicle with respect to which data are submitted to demonstrate compliance with LEV III Emission Standards for Light-Duty Vehicles, are in all material respects as described in the application for certification, has been tested in accordance with the applicable test procedures utilizing the fuels and equipment described in the application for certification and, on the basis of such tests, conform to the requirements of the regulations in CFR 40 Part 86.

For each evaporative emission family - evaporative emission control system combination tests were designed and conducted in accordance with good engineering practice to assure that the vehicles covered by certificate of conformity will meet the LEV III evaporative emission standards for ligh-duty vehicles for the useful life of the vehicle.

California Additional Requirements

The Ferrari vehicle used in the certification process of the test group PFEXV06.5GDI s new models and is identical to the production vehicles to be sold in the State of California.

Driveability

FERRARI guarantees that the vehicles belonging to 2023 model year test group PFEXV06.5GDI show satisfactory driveability in all the conditions that may be encountered during the standard use of the vehicles.

Alcohol Fuels

FERRARI uses in its fuel injection system the best components and materials available in the field. However, we have not carried out specific tests to assure the reliability of the system when using alcohol fuels. Consequently, we suggest that our customers do not use fuel with a higher alcohol content than specified in the owner’s manual.

High Altitude

In this test group (PFEXV06.5GDI) the fuel injection system distributes the fuel basing on air-mass flow through the air-flow meter so that the system is self compensating. Therefore, the engine family complies with the high altitude requirements.

The information concerning the description of the
OBD On-Board Malfunction and Diagnostic System is in
Section 16. Confidential Information.

The 2023 model year Ferrari 812 GTS, 812 Competizione, Ferrari Daytona SP3, Ferrari Monza SP1 and SP2 (Test group PFEXV06.5GDI) are equipped with an 12-cylinder engine with a gasoline direct injection (DFI) integrated with the ignition system. The emission control system (ECS) is made with two catalytic converters (TWC), two catalyzed gasoline particulate filters (CGPF) plus secondary air injection.

The OBD II system is similar to those of other Ferrari models (except the specific monitoring functions developed for the DFI) and complies with EPA and CARB regulations.

In light of the above, Ferrari can state that all emission control technologies used in the present test group (PFEXV06.5GDI) are proved and already adopted in previously certified models and/or by many other motor vehicle manufacturers.