Ferrari_

Important note



Some of the information in this pamphlet has been taken from the Owner's Manual supplied with the vehicle. Therefore, any references to chapters refer to the "Owner's Manual" and must be consulted there.



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Starting the vehicle



Electronic alarm

The electronic alarm system performs the following functions:

- remote control for central door locking/unlocking;
- perimeter surveillance, detecting if doors and lids are opened;
- seat surveillance;
- vehicle movement surveillance.

Activation

From outside the vehicle, press button A on the key once to activate the alarm system:

- the turn indicators flash once:
- the system beeps once;
- The red LED B on the secondary control panel, on the RH side of the dashboard. flashes;
- the central door locking system of the vehicle is activated and the doors are locked.

The system activates after approximately 25 seconds.

By pressing button A, other functions, in addition to the antitheft system, are activated: see the "Vehicle keys" chapter for more information.

When the electronic alarm is activated, it can be deactivated to open the luggage compartment by pressing button C on the key twice; in this case, the seat surveillance and anti-lift sensors are temporarily deactivated.





If the luggage compartment is then closed, the sensors will be reactivated.

If the turn indicators and the red LED B on the dashboard flash 9 times when the alarm system is activated, this means that one of the doors or the luggage compartment lid is open or not closed properly and is therefore not protected by the perimeter surveillance function. If this is the case, check that the doors and luggage compartment lid are closed properly and close any door or lid that is open without deactivating the alarm system. When the luggage compartment is closed properly, it will be included in the perimeter surveillance function. If an attempt is made to lock the vehicle and a compartment is open, it will remain unlocked but the alarm will be activated. The engine compartment is the only compartment that allows the vehicle to be locked even if open.

Warning



If the turn indicators and the red LED on the dashboard flash 9 times when the alarm system is activated and the doors and front and rear lids are properly closed, it means that the self-diagnostic feature has detected a malfunction in the system. Contact the FERRARI SERVICE NETWORK to have the system checked.



Deactivation

From outside the vehicle, press button A on the key once to deactivate the alarm system:

- the turn indicators flash twice;
- the system beeps twice;
- the red LED B on the dashboard goes out;
- the ceiling lights come on;
- the central door locking system of the vehicle is deactivated and the doors are unlocked.

Pressing button C once if the function is activated from the instrument panel unlocks the doors and the luggage compartment and also turns on the low beams for 30 seconds. The alarm system is deactivated and you can now get into the vehicle and perform a KEY-ON.

By pressing button **C**, other functions, in addition to the anti-theft system, are deactivated: see the "Vehicle keys" chapter for more information.

Deactivating the anti-lift alarm

Press button **D** on the roof panel dome light to deactivate the anti-lift function of the alarm system. When this function is deactivated, the LED on the button will flash for about 3 seconds and will then turn off.



Alarm memory

If, when the vehicle is started, a pop-up with the CODE symbol appears on the instrument panel for 10 seconds after the system diagnosis cycle, together with the message "Break-in attempted", this means there has been an attempt to break into the car, causing the alarm to activate.

When the engine/motors are switched on, the alarm system memory is reset.

Flat remote control battery

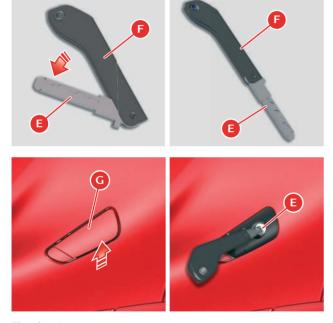
If you cannot open the door after pressing button ${\bf C}$ on the key, the remote control battery may be flat.

If the remote control battery is flat, use the emergency key supplied with the keys to get into the vehicle.

- Pull out the metal insert E from the main part F of the emergency key and block it in a fully pulled out position.
- Press the external handle G on the driver-side door and hold it down.



- Put the metal insert F into the lock on the bottom of the handle recess and turn it counterclockwise to deactivate the door locking device: the alarm siren will activate.
- Remove the emergency key, open the door and get into the vehicle.
 Press the ENGINE START/STOP button and do a KEY ON. The alarm siren will deactivate after KEY ON.



Homologation

The installed electronic alarm system complies with EU (European Union) regulations on electromagnetic compatibility and it is marked accordingly.

For those markets that require the transmitter and/or receiver marking, the homologation number is found on the component.

Doors

General information

The key-less system on the vehicle allows you to open the doors while the key with remote control is in your pocket or you are at a maximum distance of 50 cm from the opening handle.

Important note



For the Japan market, the doors can only be opened by unlocking the doors using the button on the key.

The door locks are fully electric and relays are used instead of the traditional mechanical devices.

In addition to the electric lock, the driver-side door also has a mechanical lock which can be opened using the emergency key if the remote control battery is flat, as described in the chapter "Electronic alarm".

When a door is opened, if the window was completely closed, it automatically moves down (to its "target position") to avoid colliding with the upper weather strip.

When the door is closed, the window automatically moves up from this position until it reaches the "upper limit". If the window is manually lowered by the user below the "target" position, it will not be automatically closed when the door is closed.

Opening the doors from outside

To open the vehicle using the external handle, the vehicle does not have to be unlocked: if the handle is used with the key in the driver's pocket, the window is lowered, the vehicle is unlocked and the alarm is automatically deactivated. Only the driver door can be unlocked or all the doors depending on the "Driver only" setting selected on the instrument panel, if the driver door handle is used. If the same operation is performed using the passenger door, on the other hand, the entire vehicle is unlocked, as described in "Vehicle keys". The luggage compartment remains closed until it is opened using the handle inside the vehicle.

Important note



For the Japan market, the doors can only be opened by unlocking the doors using the button on the key.

With the anti-theft system deactivated and the key in your pocket or within a range of 50 cm, press the handle where indicated and open the door: the window will move down to its "target position".

From this position, when the door is closed, the window automatically moves up until it reaches the "upper limit".

Warning



Always carefully check manually that the doors have been closed properly to prevent them from opening while driving.

Opening of the doors

The doors open like butterfly's wings moving first outwards and then upwards.

Lightly press the handle to unlock the door; lift it upwards from the handle so that the door turns automatically outwards and upwards.



The opening movement of the doors is assisted by gas struts which, once maximum opening height is reached, hold the doors in this position.

The opening movement of the doors may be stopped manually at any time by pressing downwards to overcome the force of the gas strut.

Important note



- Do not open the doors if the battery is flat or disconnected.
- If the vehicle battery is drained, charge or replace it before opening the doors.



Warning

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Always stand on the rear side of the door before opening it, as the opening movement of the door itself may cause serious injury or damage to property.

External ambient temperatures may affect the operating speed of the door opening mechanism.

Important note



Before opening any of the doors, make sure there is enough room above and to the sides. Use extreme caution when opening the doors. Always make sure that there are no persons or object in the area surrounding the vehicle.



Important note



- If the window is not lowered, because the battery is flat or due to extremely cold temperatures, for instance, take particular care when

opening or closing the door and do not force the door, as this may damage the seals or the window.

If the battery state of charge is below 8V, the system lowers the window into the "target position" to prevent it from being damaged. Recharge the battery as soon as possible.

Closing the doors

Once seated, grasp the internal handle and pull it downwards to close the door.

Important note



Be careful when closing the door. Do not force the door, as this may damage the seals or the window.

Warning



Keep your hands and/or any other objects at a safe distance from the closing edges of the door when the door is closing. The vehicle is not equipped with anti-trapping systems which stop the door from closing should parts of the body or other objects remain trapped between the door and the bodywork. This may lead to serious injury and damage to property as well as damaging the vehicle itself.

Before setting off, always check that the doors are closed correctly and check that there are no 'doors open' warning messages or symbols on the instrument panel.

If the window was not closed before closing the door, the window will close completely when the door is closed.

WAL (Walk Away Locking) function

Important note



The WAL (Walk Away Locking) function is not available for Japan.

This function is used to automatically lock the doors and luggage compartment lid when the key is moved from inside the vehicle to outside or when a door opened using the passive entry system is closed again with the key outside the vehicle. Automatic locking occurs if the driver with the key moves at least 1.5 m away from the vehicle. If the driver remains within this range, after a timeout of approx. 5 minutes, the WAL function will be deactivated and the doors and lid will not be locked.

In addition, the WAL function will be deactivated in the following situations:

- when the doors are unlocked or locked by pressing the button on the remote control (if the user locks the vehicle, the WAL function does not lock it again);
- if a valid key remains inside the vehicle and the doors are locked when the WAL function locks it:
- if the key is not detected when it is moved from inside the vehicle to outside (e.g. due to a flat battery);
- if a door is left open or the timeout expires because the key remains in the 1.5 m range for too long;
- the vehicle is in motion;
- there is a switch from KEY-OFF to KEY-ON or the vehicle is already in KEY-ON.

Locking the doors from inside

Both doors can be locked by activating/deactivating button ${f A}$ on the roof panel. When the door lock is activated, the light on button ${f B}$ comes on.

To deactivate the door lock, press button A until the light goes out.



The function that automatically inserts the door lock when the vehicle is moving at a speed of 20 km/h or over can be activated using the controls on the RH spoke of the steering wheel.

Call up the "Settings" screen on the instrument panel, go to the "Car" menu and flag the "Automatic doors lock" function in the "Doors and mirrors" submenu.

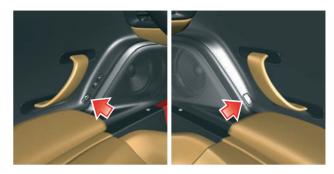




Opening the doors from inside

Press the button shown on the inner door panel to release the lock and open the door lifting it by the handle: the window will move down to its "target position". From this position, when the door is closed, the window automatically moves up until it reaches the "upper limit" (if the window is manually lowered by the user below the "target" position, it will not be automatically reclosed when the door is closed).

The button for opening the door from inside is deactivated at a speed of over 8 km/h. Pressing the unlock button unlocks both doors.



Press button B on the roof panel to deactivate the switching on of the dome lights when the doors are opened and closed at KEY OFF.



Emergency opening of the doors from inside

If the door unlocking system using the button on the inner door panel is not working properly, the lock can be manually released using the pull ring shown in the figure found on each door.

To unlock the door, do the following:

- Pull the ring out of its slot and pull it down.
- Start the manual opening and pull the ring forward and down.
- Open the door.
- Put the ring back into position.

Warning



Put the ring back into position after use and make sure it is correctly positioned and secured.

Contact the Ferrari Service Network to check the correct position of the ring.



Important note

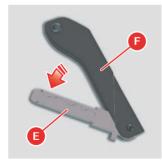


Contact the FERRARI SERVICE NETWORK as soon as possible to correct the malfunctioning.

Emergency closing of the doors from outside

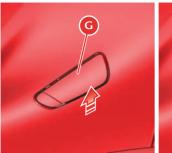
If the 12V battery is flat, use the emergency key supplied with the keys to close the vehicle.

- Pull out the metal insert E from the main part F of the emergency key and block it in a fully pulled out position.
- Press the external handle G on the driver-side door and hold it down.
- Put the metal insert E into the lock on the bottom of the handle recess, turn it clockwise to activate the door locking device and then put the insert in a vertical position.
- Remove the emergency key.











Important note



In this case, the window does not move into its "target position" when the door is locked and the door must be slowly accompanied until it closes to avoid damaging the window which may collide with the weather strip.

Important note



Contact the Ferrari Service Network as soon as possible to correct the malfunctioning.

Reactivating the fuel inertia switch

The fuel inertia switch is a safety device which deactivates the engine fuel pump relays if a collision occurs.

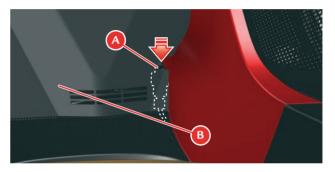
A pop-up appears on the instrument panel with a symbol and special message, a special warning light comes on, and the hazard warning lights come on to indicate that this switch has been activated.

When the fuel inertia switch is activated, the doors are also unlocked (if locked) and the dome lights come on.

Warning



The fuel pump relays can be reactivated by pressing the button on the inertia switch $\bf A$ which can be accessed from the flap on the top outer corner of the passenger-side footrest $\bf B$.



Important note



If a collision occurs and the airbags are deployed, the fuel pump relays cannot be reactivated for safety reasons. If this occurs, contact the Ferrari Service Network.

Disconnecting the battery



The battery is located on the driver-side rear side panel. To disconnect the power supply from the battery to the electrical system, remove the cover and use the quick release lever C to loosen the clamp on the negative terminal of the battery.



If the battery is flat

The vehicle is equipped with a maintenance-free sealed 12V battery located in a special compartment in the engine compartment.

Warning

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Do not place the battery near sources of heat, sparks or naked flames.

Warning



Never disconnect the 12V battery from the electrical system.

The 12V battery can only be disconnected from the electrical system by the Ferrari Service Network.

Warning



Use only the specific battery conditioner supplied with the vehicle to keep the 12V battery at a sufficient state of charge when the vehicle is in use. For further information, see the specific "Battery Conditioner" manual included in the packaging of the battery conditioner.

Warning



The 12V battery requires a specific battery conditioner which is supplied with the vehicle. Never connect any other battery conditioner or charger to the 12V battery terminals.

Warning



The battery must only be removed from the vehicle by the FERRARI SERVICE NETWORK. Removal of or damage to the battery affect the

vehicle software ECUs and may result in error codes, data loss or inaccurate data.

Warning



In the event of a simultaneous failure of both the 12V battery and the alternator, the electronic control unit may implement an emergency strategy which may result in the engine shutting off for the safety of the occupants and the vehicle. Stop the vehicle immediately and contact the Ferrari Service Network. The vehicle may not be safe to drive.

Emergency starting

Warning



The 12V battery CANNOT be used for emergency starting.

Never attempt to perform an emergency start by connecting the battery to the battery on another vehicle, a portable jump starter or an external battery.

Battery conditioner

The vehicle is equipped with a battery conditioner to maintain and recharge the battery.

Connect the battery conditioner to the socket on the vehicle.



Important note



If the battery charge is not topped up periodically, the battery will be subject to a progressive loss of performance which may become irreversible. The length of time before loss of performance becomes irreversible depends on the charge conditions of the battery. As a result, the use of a battery conditioner is recommended for periods with the vehicle not in use exceeding 70 hours.

The device is kept in a pocket inside the car cover bag supplied with the vehicle.

Important note



Place the battery conditioner where it can be easily seen away from heat sources and out of children's reach.

If the car is going to be left unused for periods longer than one week, we recommend that you connect the battery conditioner in order to keep the battery in good working order.

Warning



To avoid damaging the conditioner and vehicle, always disconnect the magnetic coupling before starting the vehicle.

Important note



More detailed technical information and safety instructions relative to the use of the device are given in the specific manual included in the box of the battery conditioner.

Reconnecting the battery

After disconnecting the battery, place the quick-release clamp of the negative cable onto the negative terminal of the battery until you hear it click in place.

Warning



Never disconnect the battery. The battery quick release connector may only be used by qualified workshop technicians.

Each time the battery is reconnected, do the following before starting the engine:

- close both doors and close the luggage compartment lid;
- lock and unlock the doors using the remote control;
- open the luggage compartment lid using the remote control;
- update the date and time on the instrument panel;
- close both doors, fully raise the driver side and passenger side windows to their upper limit and check that the windows move down to the "target position" when the doors are opened.

Warning

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Before starting the engine, wait at least 60 seconds after activating the instrument panel to allow the electronic system that controls the motor-driven valves and the AC ECU to run a self-acquisition process. During this period, no devices must be activated.

Luggage compartment lid

Opening

The luggage compartment can be opened from both outside and inside the vehicle.

When outside the vehicle, press the button indicated on the key fob twice within 500 ms. When inside the vehicle, press the release button indicated on the driver side door panel.





Stand in front of the vehicle, lift the lid slightly, push the retainer latch towards the side shown in the figure and lift the lid completely.

Warning

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To avoid damage, check there is enough room to open the luggage compartment lid.

The lid is held open by two shock absorbers.





Important note



After disconnecting the vehicle 12V battery from the electrical system, a door lock/unlock cycle must be performed using the buttons on the key fob when reconnecting so that the release button on the driver-side door panel resumes normal operation (electronic system self-acquisition procedure).



Closing

Lower the lid until it rests on the lock.

Then press the lid above the lock until you hear it click in place.

Warning

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If the key is left inside the luggage compartment, it will reopen automatically.

Warning

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For the Japan market, if the key is left inside the luggage compartment, it will reopen automatically.

Make sure you have the key with you when locking the door or luggage compartment lid and do not leave the key inside the vehicle. Once locked inside, the key can only be retrieved by using a second key.

Warning



Always check manually that the luggage compartment lid has been closed properly to prevent it from opening while driving.

Warning



Only open or close the luggage compartment lid when the vehicle is stationary. $\label{eq:compartment}$

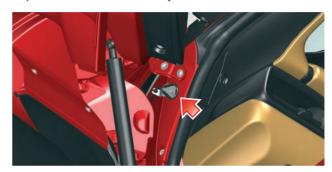
Warning



Before opening or closing the luggage compartment lid, make sure there are no persons, animals or objects in the immediate vicinity.

Emergency Opening

If the luggage compartment lid release button on the driver-side door panel does not work, there is a string, as shown in the figure, for manual emergency opening on the chassis inside the driver side door which can only be accessed when the door is open.



Engine compartment lid

Opening

The engine compartment lid can only be opened by opening the driver side door.

Pull the release lever A on the LH side of the vehicle.





Warning

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To avoid damage, check there is enough room to open the luggage compartment lid.

Lift the engine compartment lid.

The lid is held open by two shock absorbers B.



Closing

Lower the engine lid until it rests on the lock.

Then press the lid above the lock until you hear it click in place.

Warning



Before opening or closing the engine lid, make sure there are no persons, animals or objects in the immediate vicinity.

Warning



Always check manually that the engine compartment lid has been closed properly to prevent it from opening while driving.

Warning



Make sure that the vehicle is completely stationary before opening or closing the engine compartment lid.



Fuel filler flap emergency opening device



To release the closing device and manually open the fuel flap, pull the cable ${\color{red} {\bf P}}$ on the LH side of the lid.

Fuel filler neck

Warning



Refuelling in enclosed areas is not allowed.

Always turn off the engine when refuelling.

Do not smoke or use naked flames when refuelling. There is a risk of fire.

The following can be harmful for your health: skin contact with petrol, inhaling petrol fumes.

The fuel filler neck is located on the LH side of the vehicle and can be accessed by opening the external protective flap.

Opening the fuel filler flap

To open the fuel filler flap, press the release button shown by the arrow on the driver-side inner door panel: the flap will open automatically.

Capless filler neck

This vehicle has a capless fuel filler. This system allows you to refuel by simply placing the nozzle in the filler neck without having to unscrew a cap and screw it up again. See the specific pamphlet for more details.

The sealing function of a conventional filler cap are performed by two flaps arranged in sequence inside the filler neck, which are both equipped with airtight seals. The internal flap is locked by a series of "teeth": and the only way to open the flap correctly is by inserting a fuel pump nozzle or the funnel in the tool kit.

Closing the fuel filler flap

To close the fuel filler flap, push it until it clicks in place.





Emergency opening of fuel filler flap

If the fuel flap opening button on the driver-side inner door panel does not work, the vehicle has an emergency cable for manually releasing the fuel filler flap.

To access the emergency cable, lift the engine lid.

Pull the red cable shown in the figure to manually release the fuel filler flap.

Warning



The emergency cable for manually releasing the fuel filler flap must only be used by specialised workshop technicians. In an emergency, contact the FERRARI SERVICE NETWORK.





Fuel supply

Warning

Place the nozzle in the filler neck carefully to avoid damaging the device seal.

Do not try to open the external flap of the filler neck by pushing it with your fingers or lever it open using unsuitable tools (e.g., screwdrivers). This may damage the external flap mechanism and the seal.

Warning

Do not overfill the fuel tank: this may cause the fuel to leak out.

After fuelling, wait for about 10 seconds before slowly removing the nozzle from the filler neck: in this way, the last drops of fuel will flow into the tank and will not drip onto the vehicle.

Warning

Do not place funnels or portable container nozzles in the filler neck.

If it is necessary to refuel from a portable fuel container, only use the funnel included in the tool kit, which releases the automatic filler neck locking mechanism.

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 $\underline{\text{Moving the vehicle}}$

EPB - Electric parking brake

The parking brake acts on the rear discs using brake callipers operated by an electric actuator.

By default, the parking brake is always engaged automatically ("Autopark" function) after the engine is switched off (ENGINE STOP function). This function may be temporarily disabled by pressing the AUTO PARK button on the dashboard, to the left of the steering wheel.

The parking brake can be manually engaged and released by pulling the lever underneath the AUTO PARK button.

For more information on use of the two devices, see the "Using the electric parking brake - EPB" chapter.

The electric parking brake can also be used as an emergency brake when the vehicle is in motion. If this is the case, when lever A is pulled, the system acts on all four wheels until the lever is released by communicating with the ESP system which prevents locking.

Warning



Always apply the parking brake when the vehicle is parked. The vehicle should be blocked. If this is not the case, please contact the Ferrari Service Network.

"Autopark" function

The "Autopark" function of the EPB automatically engages the electric parking brake when the vehicle system is switched off (KEY-OFF). The Autopark function is always active by default at KEY-ON: this means that the driver does not have to apply the parking brake at every KEY-OFF.

However, the function can be temporarily deactivated before KEY-OFF by pressing the AUTO PARK button B: the message "PARK OFF" is displayed on the instrument panel for 5 seconds. In this case, the parking

brake must be manually activated by pulling lever A. To re-enable automatic activation of the EPB at the next KEY-OFF, press button B again before KEY-OFF; the message "PARK ON" will be displayed on the instrument panel for 5 seconds. The EPB will be automatically activated after the next KEY-OFF.



AVH - Automatic Vehicle Holding function

The "Automatic Vehicle Holding" function of the electric parking brake, which is always activated, ensures optimised release when moving off from a standstill. After switching on the engine (ENGINE START function), the system keeps the vehicle braked through intervention of the braking system rather than the parking brake callipers.

Before a trip

Preliminary checks

Warning



Before setting off always check:

- the seat belts have been positioned and fastened correctly;



- the doors are closed:
- the seat and steering wheel are in the correct position;
- the external and internal rearview mirrors are in the correct position.

Check the following at regular intervals and always before long trips:

- tyre pressure and condition;
- levels of fluids and lubricants on the engine;
- condition of windscreen wiper blades;
- if the lenses of the external lights and all glazed surfaces are clean;
- check on the instrument panel that the warning lights and external lights work correctly.

Important note



In any case, it is advisable to perform these checks at least every 1000 km and always comply with the maintenance schedule found in the "Warranty Booklet".

Fluids and lubricants

Warning



When refuelling, use unleaded fuel only. Using leaded fuel would permanently damage the catalytic converters.

See the table "Fluids and lubricants" for the specifications and quantities of lubricants and fluids.

Starting the vehicle

System start-up (KEY-ON)

When you perform a KEY-ON, the instrument panel and all the on-board controls (steering wheel, dashboard, etc.) are switched on: at the same time, a system diagnosis is carried out. During diagnosis, which lasts 5 seconds, a check is performed on the warning lights on the instrument panel and a check to see if there are any faults.

If diagnosis detects any errors, they are only displayed once the 5 seconds required for the check have elapsed. The cases listed below are an exception and errors are displayed as soon as the key is turned to on, even during diagnosis:

- Low engine oil pressure.
- Inertia switch triggered (shown in figure).
- DCT safety warnings.
- EPB deactivation warning, as described in "EPB Electric parking brake".



When approaching the deadline for the next scheduled service, at each Key-ON, information concerning scheduled maintenance is displayed automatically after the diagnostic cycle. The relevant message and the



dedicated warning light / will appear. For further information, see the "Maintenance Schedule" in the "Warranty Booklet".

At each KEY-ON, once the diagnostic cycle is complete, if applicable, a message is displayed to notify the driver if the alarm was activated due to an attempted break-in: see chapter "Anti-theft system".

Once the system check has been completed, the letter "P" (Parking) or "N" (Neutral) will be displayed in the gearbox area of the instrument panel.

Important note



If the gearbox warning light \bigcirc does not turn off after diagnosis, indicating a fault in the gearbox (which is also indicated by a pop-up with a symbol and specific message), contact the FERRARI SERVICE NETWORK.

"Key-Less" ignition system

The FERRARI keys use a Keyless start system (see also specific warning sheet) which can be used to perform a KEY-ON and start the engine by simply placing the key inside the vehicle in the vicinity of the driver zone. The dedicated ECU recognises 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: to 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: to deactivate the vehicle system press the ENGINE START/STOP button again WITHOUT pressing the brake pedal if the previous state was KEY ON; it can also be pressed if the previous state was ENGINE ON.
- ENGINE START: to switch on the engine, press down the brake pedal and press the ENGINE START/STOP button.

Important note



Hold the brake pedal down while starting the engine.

 ENGINE STOP: to switch off the engine if it is running, press the button ENGINE START/STOP when the vehicle is stationary.

If the vehicle is in motion and the engine has to be switched off in an emergency situation, press the ENGINE START/STOP button and hold it down for at least 2 seconds (alternatively, press the button quickly 3 times in succession).





If the key battery has a charge level that is only just sufficient, the vehicle informs the driver via a pop-up on the instrument panel with a message and recommends replacing the battery as soon as possible.

Warning



If the engine still fails to start after several attempts, check for one of the following causes:

- insufficient starter motor speed (flat battery);
- ignition system faulty;
- electrical contacts faulty;
- fuel pump fuses blown.

Warming up the engine

Do not run the engine at high speed until the engine oil temperature has reached at least $65-70\,^{\circ}\text{C}$, approximately.

Starting the vehicle

Gearbox mode at start-up

The standard DCT gearbox transmission is "Automatic".

At each KEY-ON, the DCT gearbox is in "Auto easy exit" mode unless the vehicle was in "Automatic" or "Manual" mode when the engine was turned off.

The DCT has an electro-hydraulically controlled gearbox system that uses paddles on the steering wheel for manual gearshifting.

To exit the "Auto easy exit" mode, simply use the UP or DOWN paddles behind the steering wheel (while the vehicle is moving) or (when the vehicle is stationary) press the central lever of the gearbox selector to activate the "Automatic" or "Manual" mode as described in the relevant paragraphs.

With the engine started, the vehicle stationary and the brake pedal pressed, pull the right-hand **UP** paddle towards the steering wheel and release it to engage 1st gear.

Release the brake pedal and press the accelerator to start off.

With the engine running and the vehicle stationary, you can go directly from 1st gear to "R" (reverse) by using the gearbox selector as described in "Selecting "R" (reverse)" (see page 33). Under the same conditions, you can go from "R" to 1st gear by pulling the UP paddle towards the steering wheel and releasing it.

Warning



If the "UP" and "DOWN" paddles are not working, a pop-up will appear on the instrument panel with the message "Depress brake pedal and press LAUNCH to engage gear". You can therefore engage 1st gear by pushing the RH lever of the gear selector to L and releasing it and pressing the brake pedal at the same time. In these cases, the "Launch



Control" is not available. If the gear engaged was R, repeat the above procedure twice to engage $1^{\rm st}$ gear.



Push start

Warning



Push starting is not allowed.

Using the gearbox

Using the gearbox in "Manual" mode

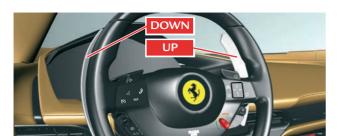
To set the gearbox "Manual" mode, pull the central lever of the gearbox selector on the centre console onto M and release it so that it goes back into its initial position: the M on the gearbox selector will turn red.



This mode is indicated on the gearbox area of the instrument panel by a number or letter corresponding to the selected gear: 1, 2, 3, 4, 5, 6, 7 and N without AUTO.



To upshift or downshift, use the $\ensuremath{\mathbf{UP}}$ and $\ensuremath{\mathbf{DOWN}}$ paddles behind the steering wheel.



Important note



Immediately release the UP and DOWN paddles as soon as the selected gear is displayed in the gearbox area of the instrument panel; if held too long, the red gearbox failure warning light ① will come on and an acoustic signal will be emitted.

Important note



If the engine compartment lid is open or not properly closed, none of the gears can be engaged. When the vehicle is stationary, with the driver-side door open or not properly closed and the brake pedal released, the system disengages the gear engaged after approximately two seconds.

UP-shifting

Use the right-hand UP paddle without releasing the accelerator pedal. An UP-shift request is not accepted when engagement of the requested gear forces the engine to underrev or if an UP-shift is already in progress because of engine over-revving.

In any event, it is advisable to:

- shift gears without releasing the accelerator pedal if pressed;
- wait until gearshifting has been completed before requesting the next shift, avoiding a rapid sequence of multiple requests.

UP-shifting due to overrevving

The system automatically engages a higher gear if the accelerator pedal is pressed and the engine approaches the "runaway speed rate" (over-revving).

Important note



UP-shifting due to overrevving will not occur when the system is in "SPORT", "RACE", "CT OFF" and "ESC OFF" driving modes.

DOWN-shifting

Use the left-hand **DOWN** paddle without releasing the accelerator pedal. A DOWN-shift request is not accepted if engagement of the requested gear forces the engine beyond a certain RPM, depending on the gear requested, or if a DOWN-shift is already in progress because of engine under-revving.

In any event, it is advisable to:

- shift gears without releasing the accelerator pedal if pressed;
- if DOWN-shifting is requested to start overtaking which requires quick acceleration, press the accelerator pedal just before using the paddle;
- wait until gearshifting has been completed before requesting the next shift, avoiding a rapid sequence of multiple requests.

DOWN-shifting due to underrevving

The system shifts down "automatically" if the engine goes below a minimum number of revs (1250 RPM) depending on the gear.



The DOWN-shift request from the paddle is ignored if gearshifting is already in progress due to engine under-revving.

Sequential downshifting

During deceleration, with the brake pedal pressed and the ABS system disabled, sequential down-shifting can be performed by holding the left-hand "DOWN" paddle down.

The sequential gearshifting request is accepted until the second gear is engaged.

Using the gearbox in "Automatic" mode

The standard DCT gearbox transmission is "Automatic".

To set "Automatic" mode, push the central lever of the gearbox selector on the centre console towards A and release it so that it goes back into its initial position: the A on the gearbox selector will turn red.



When this mode is activated, the word AUTO appears in the gearbox area on the instrument panel.



To exit "Automatic" mode, move the central lever of the gearbox selector until A on the gearbox selector and AUTO on the instrument panel go out.

When "Automatic" mode is selected, the system automatically shifts UP and DOWN in relation to vehicle speed, engine speed and the torque/power requested by the driver.

When in "Automatic" mode, you can still manually shift gears using the UP and DOWN paddles. The gearbox will remain in "Automatic" mode and the word AUTO will appear in the gearbox area when the paddles are used.

When the vehicle is stationary, a "N", 1st gear or "R" request will not result in a change from "Automatic" to "Manual".

"Auto easy exit" mode

At each KEY-ON, the vehicle starts up in "Auto easy exit" mode unless it was in "Automatic" or "Manual" mode when the engine was turned off. In this case, at the next KEY-ON, it remains in the mode it was in before KEY-OFF.

Activation of the "Auto easy exit" mode is signalled by the word AUTO and an arrow ∇ in the gearbox display area.



In this mode, the system will automatically UP-shift and DOWN-shift according to vehicle speed, engine revs and the torque/power request of the driver.

To exit "Auto easy exit" mode and switch to "Manual" mode, simply use the UP or DOWN paddle (while the vehicle is moving) or (when the vehicle is stationary) pull the central lever of the gearbox selector towards M and release it: the M will turn red and the word AUTO will no longer be displayed in the gearbox area.

If, on the other hand, you want to set the "Automatic" mode, push the central lever of the gearbox selector towards A as stated above. The system will implement "Automatic" mode in full.

"N" (Neutral) request

With the engine running, pull both the UP and DOWN paddles towards the steering wheel at the same time without pressing the brake pedal to request neutral "N". If necessary, "N" can be requested at any speed. Subsequently, if an "UP" or "DOWN" shift is requested in the driving modes that the gearbox is used in, the system will engage the gear most suited to the speed of the vehicle.

During prolonged stops with the engine running, we recommend putting the vehicle into "N" (neutral).

Important note



If you allow the vehicle to move forward in "N", when "UP" or "DOWN" is requested, a gear will be engaged that corresponds to the speed of the vehicle.

Stopping the vehicle

When the vehicle stops, the system automatically engages 1st gear unless Neutral has already been requested. When the vehicle is stationary while the engine is running, keep the brake pedal depressed until you are ready to move off again.

Selecting reverse gear - R

To select reverse gear, pull the LH lever of the gear selector towards ${\bf R}$ and release it so that it goes back into its initial position. The letter ${\bf R}$ appears in the gearbox area of the instrument panel and ${\bf R}$ lights up in red on the selector to indicate that reverse has been selected.

Reverse gear must always be selected when the vehicle is stationary and the brake pedal pressed.

Important note



When reverse is selected, an acoustic safety signal beeps intermittently as long as "R" (reverse) is engaged.



Switching off the engine and vehicle system

Switching off/stopping the engine

Warning

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Press ENGINE START/STOP on the steering wheel to activate the ENGINE STOP function: if it is running, the engine stops.

If the engine has to be stopped while the vehicle is moving, press the ENGINE START/STOP button and hold it down for at least 2 seconds.

In this way, the engine can be switched off with the gearbox either in "N" or with a gear engaged. After the ENGINE STOP function has been activated, the instrument panel remains on for a few seconds and indicates which gear is engaged. If the gearbox is in "N", an acoustic alarm that lasts 15 seconds is emitted and a pop-up appears with the message "Gearbox not in Parking position". Before switching off, the letter "P" is displayed on the instrument panel to inform the driver that the Park Lock has been activated.



For information on the Park Lock, see chapter "Park Lock".

Warning

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Never leave the vehicle with the gearbox in "N". Always make sure that the letter "P" (Parking) appears in the gearbox area of the instrument panel. If the Park Lock system is not working properly (gearbox locked in "N" position), contact the FERRARI SERVICE NETWORK.

Warning



<u>NEVER</u> leave the vehicle without activating the ENGINE STOP function.

If the driver unfastens the seat belt, opens the driver-side door, closes it and walks away with the car key when the engine is still running, the horn sounds 5 times to warn the driver that the engine must be switched off. If the vehicle remains stationary with the engine running for more than 20 minutes without using the brake or accelerator, a pop-up is displayed on the instrument panel with the message "Turn OFF engine" and a 30 second countdown begins. When the countdown has ended, a loud acoustic signal is emitted. Switch off the engine by performing the ENGINE STOP function to stop the acoustic signal.

Warning



Never leave the vehicle with the engine running in enclosed spaces (e.g.: garage). The exhaust gases of the engine contain carbon monoxide which is a colourless, odourless gas that can cause serious damage to health, unconsciousness, and even death.

Switching off the vehicle system (KEY-OFF)

After performing the ENGINE STOP function or KEY-ON, you must performing a KEY-OFF by pressing the ENGINE START/STOP button on the steering wheel to switch off the vehicle system.

Warning



KEY-OFF is only performed correctly if the engine has been switched



 $\underline{\textbf{Towing the vehicle}}$

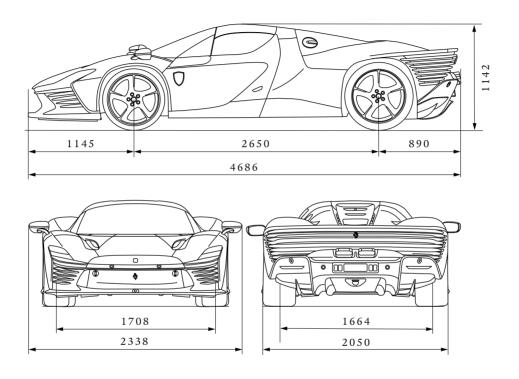


Dimensions and weights

Wheelbase	2650 mm
Max. length	4686 mm
Max. width	2050 mm
Max. width (with rear-view mirrors unfolded)	2338 mm
Max. height	1142 mm
Front track	1708 mm
Rear track	1664 mm
Front overhang	1145 mm
Rear overhang	890 mm
Front ramp angle	5.8°
Rear ramp angle	12.3°

Kerb weight	1705 kg (3758.9 lb) *
Total maximum allowable mass	1870 kg
Front axle	860 kg
Rear axle	1015 kg
* defined according to regulation (EU) 2021/535	







Tool bag and tyre inflation and/or repair kit



The tool bag and emergency tyre inflation and repair kit are stored in the luggage compartment.



Equipment supplied

Warning



Before carrying out any maintenance work, technical support and/or inspection work on the vehicle, always make sure that KEY-OFF has been performed correctly.

The equipment supplied with the vehicle is kept in a tool kit in the luggage compartment.



Tool kit

This contains the following tools needed for emergency repair jobs:

- set of fuses;
- pliers for removing fuses;
- tow hook;
- funnel for emergency fuelling;
- screwdriver for slotted and crosshead screws;
- Park Lock emergency release tool and extension.

In addition to these tools, the tool kit also includes a pair of cotton gloves.





Tyre inflation/repair kit

The kit contains the following items:

- compressor;
- 400 ml bottle containing the liquid sealant;
- instruction booklet.





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Repair work using the tool kit requires:

- suitable protective equipment (e.g. gloves)
- suitable precautions to be taken and minimum specific skills when working in contact with electrical parts/components (e.g. battery, replacement of a fuse, etc.).

Warning



The Park Lock emergency release tool may only be used by specialised workshop technicians, as indicated on the label on the tool kit.

In case of a tyre puncture

Useful accessories

In addition to the tools supplied with the vehicle, the hazard warning triangle and fluorescent safety jacket should always be kept on board in order to signal hazardous situations in compliance with traffic regulations.

Emergency tyre repair and inflation kit

Stored in the luggage compartment, it can be used in the event of a puncture or low tyre pressure to repair and/or inflate a tyre enough to continue the journey safely.

Important note



To use the tyre repair and inflation kit correctly, refer to the instruction booklet provided with the kit.

Warning



Give the instruction booklet supplied with the kit to the personnel that will have to deal with the tyre treated with the tyre repair kit.

Warning



If damaged by foreign objects, tyres with cuts of up to 4 mm in diameter on the tyre tread and shoulder can be repaired.

Warning



Punctures cannot be repaired on the sides of the tyre. Do not use the tyre repair kit if the tyre has been damaged after driving with a flat tyre.

Warning



Damage to the wheel that causes air leaks cannot be repaired. Do not remove foreign objects (screws or nails) that have penetrated the tyre.

Warning



After using the repair kit, the vehicle must however be considered to be in an emergency situation: drive with the greatest care (maximum speed allowed $80~\rm km/h$ - $50~\rm mph$).

Warning



Apply the sticker supplied with the kit where it can easily be seen to indicate to whoever will be doing the repair work that the tyre has been



treated with the tyre repair kit. Drive carefully especially on bends. Avoid sudden accelerations or braking.

Warning



The kit should be used to temporarily repair only one tyre punctured by foreign objects with a limited diameter: the kit may not be useful for large punctures or tears.

Important note



After driving for approximately 10 minutes, stop and recheck the tyre pressure. Remember to apply the parking brake.

Warning



If pressure has dropped to below 1.8 bar, stop driving: the kit cannot guarantee the correct hold because the tyre is too damaged. Contact the FERRARI SERVICE NETWORK.

If, on the other hand, the pressure is at least 1.8 bar, pump the tyre up to the correct pressure and continue driving. Drive very carefully to the nearest Ferrari Service Network centre.

Warning



The repaired tyre must be replaced as soon as possible and the workshop personnel must be informed that the tyre was treated with tyre repair fluid.

Warning



Keep the kit in its box and out of children's reach.

Do not inhale or swallow the fluid in the bottle and avoid contact with the skin and eyes.

Warning



The bottle contains ethylene glycol and latex.

The latex may cause an allergic reaction, is harmful if swallowed and is irritating to eyes. May cause sensitisation by inhalation and skin contact. Avoid contact with eyes, skin and clothing. In case of contact, rinse immediately with plenty of water. If swallowed, do not induce vomiting, rinse mouth, drink plenty of water and seek immediate medical advice. Keep out of reach of children. The product should not be used by asthma sufferers. Do not inhale vapours during use. In the event of an allergic reaction, seek immediate medical advice. Store the bottle in the bag in the luggage compartment away from sources of heat.

The liquid sealant has an expiry date: the expiry date is indicated on the kit bottle.

Environment



Replace the tank containing the expired liquid sealant. Do not dispose of the tank and sealant in normal domestic waste. Dispose of in accordance with national and local regulations or ask the FERRARI SERVICE NETWORK to take care of disposal.



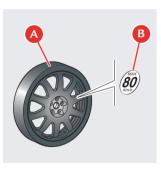
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The sealant in the kit tank can damage the sensor inside the wheel rim on vehicles fitted with a tyre temperature and pressure monitoring system (TPMS). If this occurs, the sensor must be replaced. Contact the FERRARI SERVICE NETWORK.

Spare wheel (available only in Saudi Arabia, Bahrain, Egypt, the United Arab Emirates, Kuwait, Oman, Qatar)

The vehicle comes with a kit containing:

- spare wheel A with space-saving tyre; the label B indicates the max.
 speed permitted (80 km/h);
- additional tool bag containing the jack for raising the vehicle and the socket wrenches for operating the jack and tightening the wheel stud bolts.



Warning



The space saver spare wheel must only be used for short trips in the event of an emergency. When the spare wheel is fitted, never exceed the

maximum speed of 80 km/h and drive carefully, especially around bends and when overtaking, avoiding sudden acceleration or braking. Do not exceed the approved weight limits. Do not fit snow chains on the spare wheel. Never fit more than one spare wheel at a time.

Important note



Failure to comply with these instructions could lead to loss of control of the vehicle and consequently damage to the vehicle and injuries to its occupants.

 Position the vehicle on an even surface, then block the rear wheels by applying the parking brake.

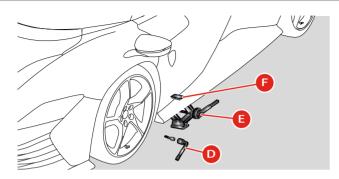
Warning



Make sure that the vehicle is in a safe position by applying the parking brake.

- If necessary, switch on the hazard warning lights and place the hazard triangle at the required distance from the vehicle.
- Take the space saver spare wheel and tools out of the additional tool bag.
- Loosen the five wheel fastening stud bolts by approximately one turn, using the wrench D supplied.
- Place the base of the jack **E** on flat firm ground under one of the lifting points **F** on the underfloor as shown in the figure.
- Raise the vehicle carefully using jack E until the wheel is off the ground.





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Before replacing one or more wheels, make sure no one is in the vehicle.

If the jack is not positioned correctly, the vehicle could slip off. Make sure that no part of the body is underneath the vehicle while changing the wheel. The supplied jack must only be used for changing wheels.

- Unscrew the five stud bolts and remove the wheel.
- Fit the spare wheel.
- Screw the stud bolts into place but do not tighten them.

Warning



Check that the spare wheel is inflated to a pressure of 4.2 bar.

- Lower the vehicle and remove the jack.
- Tightly fasten the stud bolts, alternately going from one stud bolt to one that is diametrically opposite.

As soon as possible, tighten the stud bolts with the torque wrench to a torque of $120~\mathrm{Nm}.$

Warning



The space saver spare wheel does not have a tyre pressure monitoring sensor (see label on spare wheel tool bag). After fitting, it is not checked by the system but complies with international regulations ECE R64/01.

After fitting, we recommend that you go to the nearest FERRARI SERVICE NETWORK.

Replacing a wheel

Warning



The procedure to change a wheel is very delicate and must only be performed by expert personnel using the necessary tools.

Have this procedure carried out by a FERRARI SERVICE CENTRE.

Warning



An impact wrench must not be used.

Important note



If one or more wheels need to be replaced, proceed as follows:

- replace any wheel stud bolts with damaged threads or tapers
- clean the wheel stud bolt threads thoroughly before refitting;
- do not lubricate the contact surfaces between the stud bolt and the wheel rim and between the wheel rim and the brake disk.



To prevent damage to the anti-seize coating, never use solvents or other aggressive or abrasive products to clean the conical stud seats on the wheel and on the stud bolt taper and stem.

Towing

Warning

Towing is not allowed. Towing can cause serious damage to the vehicle.

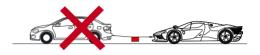
Warning

Use of the tow hook provided is only allowed in an emergency to load the vehicle onto the ramp of a breakdown truck or trailer.





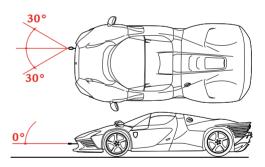




Important note



Maximum angles of tow of the tow hook in the two tow levels: 30° and $0^{\circ}.$



Do not use any parts of the vehicle as tow points other than the tow hook tightened correctly into the threaded seat in the front bumper.

Proceed as follows:



- take the tow hook out of the tool bag;
- make sure that the area is free of dirt and tightly screw the tow hook into place on the front grille which can be accessed via the special hole;
- if it is not engaged before KEY-OFF, release the parking brake (EPB) by pulling the lever on the dashboard and pressing the brake pedal.





Important note



To tow the vehicle onto a recovery vehicle, avoid using anchor points that are not designed for the tow hook inserted in the housing on the front bumper.

Warning



Do not use the levers, suspension and wheel rims but only the tow hook properly fitted in place.

Warning



If there is an electrical system failure, perform the manual emergency release procedure on the Electric Parking Brake (EPB) and Park Lock as described in the respective chapters.

If the electrical system is still working, perform a KEY-OFF before towing.

Only if necessary and if the electrical system is still working, leave the instrument panel on (KEY-ON) to enable the lights to work; when towing the vehicle, do not try and start the engine.

Warning



While towing the vehicle, you must comply with Road Regulations.

Important note



Remember that power steering does not work when the engine is switched off.

Emergency release of the electric parking brake - EPB

This procedure is required when the electric release button cannot open the EPB callipers and a warning light and pop-up appears on the instrument panel with the special symbol and the message "EPB failure. Only manual unlock allowed. See manual."

Warning



The release procedure must only be carried out by specialised workshop technicians.



If the system cannot be released, contact the nearest FERRARI SERVICE CENTRE.

If the vehicle needs to be moved but the EPB cannot be disengaged due to a flat battery or a failure in the electrical system controlling the parking brake, the emergency release procedure must be performed by a FERRARI SERVICE NETWORK centre.

Park Lock emergency release

Warning

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The Park Lock must only be released using the special tool after checking that the parking brake has been applied and is an operation that must only be carried out by specialised workshop technicians. We recommend contacting a FERRARI SERVICE CENTRE.

Warning



This should be avoided unless absolutely necessary:

- to tow the vehicle onto a recovery vehicle;
- if there is a Park Lock failure (the following message is shown on the instrument panel: "Only manual unlock gearbox allowed: See manual".

Warning

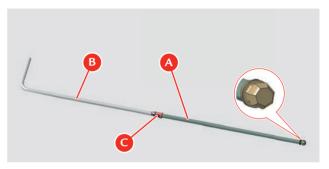


When the Park Lock safety device is released manually, the vehicle may move unexpectedly. The vehicle is only kept stationary by the parking brake, if applied.

The Park Lock manual emergency release device is located on the gearbox and can be accessed via the opening shown on the trim panel, on the LH rear side of the engine compartment.

To perform the Park Lock emergency release procedure, do the following:

- Take wrench A and extension B out of the tool bag.
- Join the two parts together and fasten with clip C.



Warning



The tools **A** and **B** may only be used by specialised workshop technicians, as indicated on the label **D** on the tool bag.





- Open the engine compartment lid.
- Insert the wrench/extension into the opening between the central trim panel and the air filter box in line with the sloped socket and attach the seven-sided end.



Turn the wrench/extension counterclockwise by one guarter of a turn to release the brake.

If the electrical system allows it, switch on the instrument panel and check that the letter "N" appears together with the message: "Gearbox not in P position". At the same time, an acoustic signal is repeated four times to indicate that the Park Lock has been released.

Towing the vehicle with the wheel axle lifted

This may only be done by skilled staff. Always lift the rear wheel axle only. Make sure that the front wheels are in a straight line.

Loading the vehicle onto the trailer

Manually release the Park Lock.

Important note



If possible, use the Carwash procedure.

Release the electric parking brake (EPB).

Warning



DO NOT pull the vehicle onto the trailer using the wheel spokes as anchors to avoid damaging the wheels.

Warning



Do NOT attach the tow ropes to the suspension or parts of the bodyshell.

Attach the winch cable to the tow hook to pull the vehicle onto the trailer.

Warning



DO NOT attach the winch cable to other parts of the vehicle.

Warning



DO NOT pull the vehicle onto the trailer using only the tow hook but lift it using the special straps.



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Avoid using excessive force on the tow hook when lifting and pulling the vehicle onto the trailer.

 The use of ramps or wooden planks may be necessary if there is limited space in front of or behind the vehicle.

Carwash procedure

Automatic Park engagement at engine off may be disabled temporarily electrically by performing the "Carwash" procedure.

This procedure is necessary when the vehicle has to be moved with the engine off and when washing the vehicle.

Warning



When the Park Lock device is electronically deactivated (Carwash procedure), the vehicle may move. The vehicle is only kept stationary by the parking brake which must be applied.

Carry out the Carwash procedure as follows:

- with the engine running, select the first gear;
- select neutral "N";
- turn off the engine;
- activate the instrument panel (KEY-ON) within 3 seconds of switching off the engine.

The message "Carwash mode activation" will appear on the instrument panel.

Securing the vehicle to the trailer

 Secure the vehicle to the trailer with special straps using the wheels as anchors and the most suitable device for ensuring it is correctly secured.

Warning



Do NOT attach the fastening straps to the suspension or parts of the bodyshell.

Warning



Make sure that the metal parts of the straps do not come into contact with the bodywork.

• Once the vehicle has been secured to the trailer, remove the key.

Technical support information and online technical support

The documentation required for the maintenance and repair of FERRARI vehicles can be accessed online at https://www.techinfo.ferrari.com/.

Independent motor vehicle operators may only repair and service the FERRARI branded vehicle models pertaining to the technical information published on the website if in possession of the expertise and tools necessary. Ferrari S.p.A. cannot be held responsible for any procedures carried out incorrectly due to improper usage of the technical information provided.