

Dear Owner,

We would like to thank you for your purchase of a Porsche Cayenne.

Judging by the car you have chosen, you are a motorist of a special breed, and you are probably no novice when it comes to automobiles.

Remember however, as with any vehicle, you should take time to familiarize yourself with your Porsche and its performance characteristics. Always drive within your own unique capabilities as a driver and your level of experience with your Porsche. Ensure that anyone else driving your Porsche does the same. To prevent or minimize injury, always use your safety belts. Never consume alcohol or drugs before or during the operation of your vehicle.

This Owner's Manual contains a host of useful information. Please take the time to read this manual before you drive your new Porsche. Become familiar with the operation of your Porsche car for maximum safety and operating pleasure. The better you know your Porsche, the more pleasure you will experience driving your new car. Always keep your Owner's Manual in the car, and give it to the new owner if you ever sell your Porsche.

A separate **Maintenance Booklet** explains how you can keep your Porsche in top driving condition by having it serviced regularly.

A separate **Warranty and Customer Information Booklet** contains detailed information about the warranties covering your Porsche.

For U.S. only:

If you believe that your vehicle has a fault which could cause a crash, injury or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying Porsche Cars North America, Inc. (Porsche Cars N.A.).

If NHTSA receives similar complaints, it may open an investigation, and if it finds that a safety problem exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you and your dealer, or Porsche Cars N.A..

To contact NHTSA, you may either call the Auto Safety Hotline toll-free at 1-800-424-9393 (or 366-0123 in Washington, D.C. area) or write to: NHTSA, U.S. Department of Transportation, Washington, D.C. 20590. You can also obtain other information about motor vehicle safety from the Hotline.

Your car has thousands of parts and components which have been designed and manufactured in accordance with Porsche's high standards of engineering quality and safety.

Any alteration of the vehicle may negate or interfere with those safety features built into the vehicle.

Your Porsche is intended to be used in a safe manner obeying the local laws and in the light of driving conditions faced by you, and in accordance with the instructions provided in this Owner's Manual.

Do not misuse your Porsche by ignoring those laws and driving conditions, or by ignoring the instructions in this manual. Any alteration or misuse of the vehicle can lead to accidents and severe or fatal personal injuries.

Regularly check your vehicle for signs of damage.

Damaged or missing aerodynamic components such as spoilers or underside panels affect the driving behavior and therefore must be replaced immediately.

Your car may have all or some of the components described in this manual.

Should you have difficulty understanding any of the explanations of features or equipment installed in your vehicle, contact your authorized Porsche dealer. He/She will be glad to assist you. Also check with your dealer on other available options or equipment.

Throughout this booklet, left is designated as the driver's side of the vehicle, and right as the passenger's side of the vehicle.

Text, illustrations and specifications in this manual are based on the information available at the time of printing.

It has always been Porsche's policy to continuously improve its products. Porsche, therefore, reserves the right to make changes in design and specification, and to make additions or improvements in its product without incurring any obligation to install them on products previously manufactured.

We wish you many miles of safe and pleasurable driving in your Porsche.

Important!

For your own protection and longer service life of your car, please heed all operating instructions and special warnings. These special warnings use the safety alert symbol, followed by the words **Danger, Warning and Caution**. These special warnings contain important messages regarding your safety and/or the potential for damage to your Porsche. Ignoring them could result in serious mechanical failure or even physical injury.

- ▷ Do not alter your Porsche. Any alteration could create dangerous conditions or defeat safety engineering features built into your car.
- ▷ Do not misuse your Porsche. Use it safely, and consistently with the law, according to the driving conditions, and the instructions in this manual.

Alteration or misuse of your Porsche could cause accidents and severe or fatal personal injuries.

Note to owners

In Canada, this manual is also available in French. To obtain a copy contact your dealer or write to:

Note aux propriétaires

Au Canada on peut se procurer un exemplaire de ce Manuel en français auprès du concessionnaire ou du:

Porsche Cars Canada, Ltd.
Automobiles Porsche Canada, LTEE

5045 Orbitor Drive
Building #8, Suite 200
Mississauga, Ontario
Canada L4W 4Y4

Telephone number for customer assistance:
1-800-PORSCHE / Option 3

Porsche and the Environment

Environmental guidelines

We develop and produce exclusive vehicles with sophisticated environmental and safety technology and a great ability to fascinate.

Our environmental policy is based on the following principles:

- The maximum possible use of environmental and safety technology that is economically justifiable.
- Economical usage of energy and resources.
- Involvement of our business partners and contractors in our efforts to protect the environment.
- Open dialogue with all social groups.

California Proposition 65 Warning



Engine exhaust, some of its constituents, and certain vehicle components contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. In addition, certain fluids contained in vehicles and certain products of component wear contain or emit chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Production

Whether in production or repair, Porsche always relies on environmentally friendly technology.

An example of this is the water-based paint used in our paint shops.

Water-based paints and new painting methods reduce solvent emissions by 70 per cent.

The water used in the paint shop is recirculated. Waste water leaves the Porsche factory only after being appropriately treated.

A waste-management scheme has been introduced to reduce the amount of waste while simultaneously increasing the recycling quota.

Environmentally friendly vehicles

Modern environmental technology ensures compliance with all emission laws applicable worldwide.

It has the following advantages:

- Rapid "operational readiness" of the catalytic converters ensures low emissions, even in short-trip operation.
- Reliable operation and good emission control over a long useful life.
- ▷ Please observe the chapter "FUEL ECONOMY" on Page 258.

Recycling – for a Porsche, this is virtually an academic question

More than two-thirds of all Porsches ever built are still running.

But, just in case recycling is ever necessary, we take the following precautionary measures:

- Utilisation-friendly design.
- Identification of materials.
- Use of recyclable materials.
- Reusable components designed for simple removal.

Emission control is built in

Innovative engine technology combines high engine performance and environmental compatibility.

The engine diagnosis system electronically monitors the components and systems that affect exhaust gases.

This continuous monitoring and fault storage enables swift, reliable diagnosis and fault detection.

Faults are indicated to the driver by the "Emission control" warning light and display.

- ▷ Please observe the chapter "EMISSION CONTROL" on Page 79.

Setting and operating vehicle components when driving



There is a danger of accident if you set or operate the on-board computer, radio, navigation system, telephone or other equipment when driving.

This could distract you from the traffic and cause you to lose control of the vehicle.

- ▷ Operate the components while driving only if the traffic situation allows you to do so safely.
- ▷ Carry out any complicated operating or setting procedures only with the vehicle stationary.

Portable Fuel Containers



Portable fuel containers, full or partially empty, may leak, causing an explosion, or result in fire in case of an accident.

- ▷ Never carry additional fuel in portable containers in your vehicle.

Engine Exhaust



Engine exhaust is dangerous if inhaled. Engine exhaust fumes have many components which you can smell. They also contain carbon monoxide (CO), which is a colorless and odorless gas. Carbon monoxide can cause unconsciousness and even death if inhaled.

- ▷ Never start or let the engine run in an enclosed, unventilated area. It is not recommended to sit in your car for prolonged periods with the engine on and the car not moving.

Vehicles with SportDesign package



Caution!

Risk of damage. On vehicles with Sport-Design package, front, rear, and side member trim are painted and located lower on the vehicle. Off-road driving can seriously damage these trim parts.

- ▷ When driving off-road, make sure these parts are not damaged.
 - ▷ Make sure there is sufficient clearance between obstacles and the underside of the vehicle.
 - ▷ Avoid driving through water.
 - ▷ Do not use side member trim as a running board.
-

Fuel Quality

Your engine is designed to provide optimum performance and fuel economy using **unleaded premium fuel with an octane rating of 98 RON (93 CLC or AKI)**. Porsche therefore recommends the use of these fuels in your vehicle.

Porsche also recognizes that these fuels may not always be available. Be assured that your vehicle will operate properly on unleaded premium fuels with octane numbers of at least **95 RON (90 CLC or AKI)**, since the engine's "Electronic Oktane™ knock control" will adapt the ignition timing, if necessary.

Fuels containing alcohol and ether

Some areas of the U.S. require oxygenated fuels during certain portions of the year. Oxygenated fuels are fuels which contain alcohols (such as methanol or ethanol) or ether (such as MTBE).

Under normal conditions, the amount of these compounds in the fuel will not affect driveability.

You may use oxygenated fuels in your Porsche, provided the octane requirements for your vehicle are met.

We recommend, however, to change to a different fuel or station if any of the following problems occur with your vehicle:

- Deterioration of driveability and performance.
- Substantially reduced fuel economy.
- Vapor lock and non-start problems, especially at high altitude or at high temperature.
- Engine malfunction or stalling.

Fuels containing MMT

Some North American fuels contain an octane enhancing additive called methylcyclopentadienyl manganese tricarbonyl (MMT).

If such fuels are used, your emission control system performance may be negatively affected.

The check engine warning lights on your instrument panel may turn on.

If this occurs, Porsche recommends you stop using fuels containing MMT.

Controls, Safety, Instruments	11 - 200
Shifting Gear, Traction Systems	201 - 240
Maintenance, Car Care	241 - 274
Practical Tips, Minor Repairs	275 - 352
Vehicle Identification, Technical Data	353 - 367
Index	368 - 377

Keys	17
Central Locking System	21
Porsche Entry & Drive	24
Doors	26
Alarm System, Ultrasound Passenger Compartment Monitoring System, Inclination Sensor	27
Power Windows	29
Front seats	32
Front seat with memory	33
Easy Entry Function	35
Headrests	36
Rear Seats	37
Heated Seats – Front and Rear	40
Safety Belts	42
Child Restraint Anchorages	46
Child Restraint Systems	47
Airbag Systems	49
Steering Wheel	52
Multi-Functional Steering Wheel	54
Interior Mirror	56
Door Mirrors	56
Automatic Anti-Dazzle Mirror	58
Ignition Lock/Steering Lock	59
Starting and Stopping the Engine	61
Parking Brake	64
Brakes	65
Instrument Panel USA Models	70
Instrument Panel Canada Models	72
Oil Temperature Gauge	74
Cooling System	75
Fuel	76
Odometer	76

Clock	77
Voltmeter	78
Emission Control	79
Multi-Purpose Display	80
Warning Lights and Warning Messages	108
Light Switch	116
Instrument Illumination	118
Automatic Headlight Beam Adjustment	118
Turn signal/High Beam/Headlight Flasher Stalk	119
Emergency flasher	120
Windshield Wiper/Washer Stalk	121
Cruise Control	124
Vents	127
Fresh-air intake	127
Heated Rear Window	128
Manual Air Conditioning	129
Automatically Controlled Two-Zone Air Conditioning	132
Automatically Controlled Four-Zone Air Conditioning	136
Parking Heater	142
Sun Visors	147
Sun Blinds, Rear Side Windows	148
Interior Lighting	149
Door-Surrounding Lighting	151
Coming Home Function (Off Delay)	151
Sliding/Lifting Roof	152
Parking Aids	162
Garage Door Opener	167
Ashtray	170
Cigarette Lighter	171

Controls, Safety, Instruments

Car Audio Operation/Tips	172
Porsche Communication Management (PCM)	174
Storage	176
Cupholder	180
Rear Lid	182
Rear Window	184
Engine Compartment Lid	184
Luggage Compartment Cover	187
Luggage Safety Net	189
Ski Bag	191
Roof Transport System	193
Trailer Coupling	194
Loading Information	195

Dear Porsche Owner

A lot has gone into the manufacture of your Porsche, including advanced engineering, rigid quality control and demanding inspections. These engineering and safety features will be enhanced by you...

the safe driver...

- who knows his car and all controls,
- who maintains the vehicle properly,
- who uses driving skills wisely and always drives within her/his own capabilities and the level of familiarity with the vehicle.

You will find helpful hints in this manual on how to perform most of the checks listed on the following pages. If in doubt, have these checks performed by your authorized Porsche dealer.

Before driving off...

Check the following items first

- ▷ Turn the engine off before you attempt any checks or repairs on the vehicle.
- ▷ Be sure the tires are inflated correctly. Check tires for damage and tire wear.
- ▷ See that wheel bolts are properly tightened and not loose or missing.
- ▷ Check engine oil level, add if necessary. Make it a habit to have engine oil checked with every fuel filling.
- ▷ Check all fluid levels such as windshield washer and brake fluid levels.
- ▷ Be sure the vehicle battery is well charged and cranks the engine properly.
- ▷ Check all doors and lids for proper operation and latch them properly.
- ▷ Check and if necessary replace worn or cracked wiper blades.
- ▷ See that all windows are clear and unobstructed.
- ▷ Check air intake slots and area between engine compartment lid and windshield are free of snow and ice, so the heater and the windshield wipers work properly.

- ▷ If a child will be riding in the vehicle, check child seat/child seat restraint system to ensure that restraints are properly adjusted.
- ▷ Check all exterior and interior lights for operation and that the lenses are clean.
- ▷ Check the headlights for proper aim, and if necessary, have them adjusted.
- ▷ Check under the vehicle for leaks.
- ▷ Be sure all luggage is stowed securely.

Emergency equipment

It is good practice to carry emergency equipment in your vehicle.

Some of the items you should have are: window scraper, snow brush, container or bag of sand or salt, emergency light, small shovel, first-aid kit, etc.

In the driver's seat...

- ▷ Check operation of the horn.
- ▷ Position seat for easy reach of foot pedals and controls. To reduce the possibility of injury from the airbag deployment, you should always sit back as far from the steering wheel as is practical, while still maintaining full vehicle control.
- ▷ Adjust the inside and outside rear view mirrors.
- ▷ Buckle your safety belts.
- ▷ Check operation of the foot and parking brake.
- ▷ Check all warning and indicator lights with ignition on and engine not running.
- ▷ Start engine and check all warning displays for warning symbols.
- ▷ Never leave an idling car unattended.
- ▷ Lock doors from inside, especially with children in the car to prevent inadvertent opening of doors from inside or outside. Drive with doors locked.

On the road...

- ▷ Never drive after you have consumed alcohol or drugs.
- ▷ Always have your safety belt fastened.
- ▷ Always drive defensively. Expect the unexpected.
- ▷ Use signals to indicate turns and lane changes.
- ▷ Turn on headlights at dusk or when the driving conditions warrant it.
- ▷ Always keep a safe distance from the vehicle in front of you, depending on traffic, road and weather conditions.
- ▷ Reduce speed at night and during inclement weather. Driving in wet weather requires caution and reduced speeds, particularly on roads with standing water, as the handling characteristics of the vehicle may be impaired due to hydroplaning of the tires.
- ▷ Always observe speed limits and obey road signs and traffic laws.
- ▷ When tired, get well off the road, stop and take a rest. Turn the engine off. Do not sit in the vehicle with engine idling. Please observe the chapter "ENGINE EXHAUST" on Page 6.

- ▷ When parked, always put the handbrake on **and** put the gearshift lever in neutral or the selector lever in position **P**. On hills also turn the front wheels toward the curb.
- ▷ When emergency repairs become necessary, move the vehicle well off the road. Turn on the emergency flasher and use other warning devices to alert other motorists. Do not park or operate the vehicle in areas where the hot exhaust system may come in contact with dry grass, brush, fuel spill or other flammable material.
- ▷ Make it a habit to have the engine oil checked with every fuel filling.

Break in hints for the first 2,000 miles (3,000 kilometers)

The following tips will be helpful in obtaining optimum performance from your new Porsche.

Despite the most modern, high-precision manufacturing methods, it cannot be completely avoided that the moving parts have to wear in with each other. This wearing-in occurs mainly in the first 2,000 miles (3,000 km).

Therefore:

- ▷ Preferably take longer trips.
- ▷ Avoid frequent cold starts with short-distance driving whenever possible.
- ▷ Avoid full throttle starts and abrupt stops.
- ▷ Do not exceed maximum engine speed of 4,200 rpm (revolutions per minute).
- ▷ Do not run a cold engine at high rpm either in Neutral or in gear.
- ▷ Do not let the engine labor, especially when driving uphill. Shift to the next lower gear in time (use the most favorable rpm range).
- ▷ Never lug the engine in high gear at low speeds. This rule applies at all times, not just during the break-in period.

- ▷ Do not participate in motor racing events, sports driving schools, etc. during the first 2,000 miles (3,000 kilometers).

There may be a slight stiffness in the steering or other controls during the break-in period which will gradually disappear.

Break in brake pads

New brake pads and discs have to be "broken in", and therefore only attain optimal friction when the car has covered several hundred miles or km. The slightly reduced braking ability must be compensated for by pressing the brake pedal harder. This also applies whenever the brake pads and brake discs are replaced.

New tires

New tires do not have maximum traction. They tend to be slippery.

- ▷ Break in new tires by driving at moderate speeds during the first 60 to 120 miles (100 to 200 km). Longer braking distances must be anticipated.

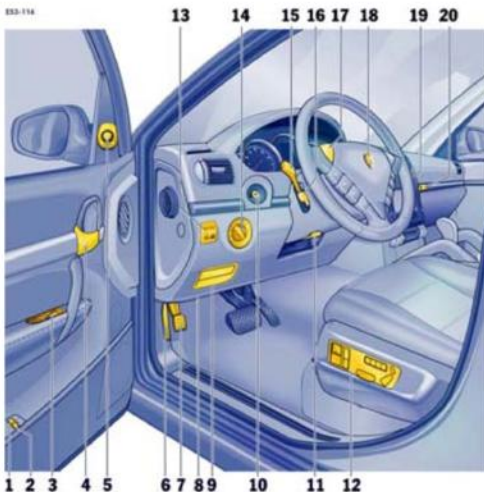
Engine oil consumption

During the break-in period oil consumption may be higher than normal.

As always, the rate of oil consumption depends on the quality and viscosity of oil, the speed at which the engine is operated, the climate and road conditions, as well as the amount of dilution and oxidation of the lubricant.

- ▷ Make a habit of checking engine oil with every fuel filling, add if necessary.
- ▷ Please observe the chapter "ENGINE DATA" on Page 356.

ESD-114



- 1 Filter flap release
- 2 Rear lid release
- 3 Power windows
- 4 Inner door handle
- 5 Door mirror adjustment
- 6 Engine compartment lid release
- 7 Parking brake
- 8 Diagnostic socket
- 9 Parking brake release
- 10 Ignition lock/steering lock
- 11 Steering wheel adjustment
- 12 Seat adjustment
- 13 Instrument lighting knob
- 14 Light switch
- 15 Turn signal/high, low beam/headlight flasher stalk
- 16 Operating lever for cruise control
- 17 Rocker switches for Tiptronic
- 18 Horn
- 19 Emergency flasher switch
- 20 Glove compartment

Never invite car theft!

An unlocked car with the key in the ignition lock invites car theft.

A steering wheel lock and a **gong alarm** are standard equipment in your Porsche. The gong alarm will sound if you open the driver's door while the key is still in the ignition lock. It is your reminder to pull the key out of the ignition lock and to lock the doors.



Any uncontrolled movement of the vehicle may result in serious personal injury and property damage.

Never leave your vehicle unattended with the key in the ignition lock, especially if children and/or pets are left unattended in the vehicle. They can operate power windows and other controls. If the engine is left running, they may accidentally engage the shift lever.

- ▷ Always remove the ignition key.
- ▷ Always set the parking brake.
- ▷ Lock the doors with the key or with the remote control.



Risk of a serious accident.

The steering column will lock when you remove the key while you are driving or as the car is rolling to a stop. You will not be able to steer the car.

- ▷ Never remove the key from the steering lock while you are driving.

To protect your vehicle and your possessions from theft, you should always proceed as follows when leaving your vehicle:

- ▷ Close windows.
- ▷ Close sliding/lifting roof or Panorama Roof System.
- ▷ Remove ignition key (switch ignition off in vehicles that have Porsche Entry & Drive).
- ▷ Engage steering lock.
- ▷ Lock storage tray between the front seats and glove compartment.
- ▷ Remove valuables (e.g. car documents, radio control module, telephone, house keys) from the car.
- ▷ Lock doors.
- ▷ Lock the glove compartment.
- ▷ Close oddment trays.
- ▷ Cover luggage compartment with the luggage compartment cover.
- ▷ Close rear lid and rear window.



A - Car key
B - Release button for key bit

Keys

Two car keys with integrated remote control are supplied with your Porsche. The car keys are designed as folding keys.

These keys operate all the locks on your vehicle.

- ▷ Be careful with your car keys: do not part with them except under exceptional circumstances.

883-245

- ▷ Inform your insurance company of any loss or theft of car keys or if extra or replacement keys have been made.

- ▷ Remove the ignition key, even if leaving the vehicle only briefly.

Folding out the key bit

- ▷ Press release button **B**.
The key bit folds out.

Folding in the key bit

- ▷ Press release button **B** and fold in the key bit.

Replacement keys

Car keys can only be ordered through an authorized Porsche dealer. Sometimes, this may take a long time.

You should therefore always keep a spare key on your person. Keep it in a safe place (e.g. wallet), but under no circumstances in or on the vehicle.

The key codes of new keys have to be "reported" to the vehicle control module by your authorized Porsche dealer. All keys belonging to the vehicle must also be reported again.

Note

Third parties can continue to operate the mechanical locks using the lost key.

883-314



Panic button

In dangerous situations or when one's own safety is threatened, it is possible to draw attention to the situation by triggering an alarm.

To trigger an alarm

- ▷ Press button.
The horn sounds and the emergency flashers flash.

To stop the alarm

- ▷ Press button again.
The horn becomes silent and the emergency flashers go out.



Emergency operation – pulling out the ignition key

If the vehicle battery is dead, the key can only be pulled out of the ignition lock if the emergency operation is performed.

1. Remove the cover (arrow) using the screwdriver from the tool kit.



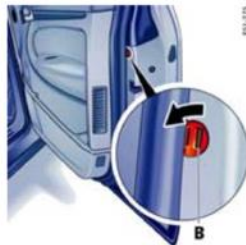
2. Using a pointed object, e.g. a ball-point pen, press into opening **A** beside the ignition lock and keep it pressed.
3. Turn ignition key counter-clockwise.
4. Remove ignition key.



Emergency operation – locking the doors

If the central locking system fails, the doors can only be locked if the emergency operation is performed.

1. Open the passenger's door.
2. Remove cover **A**.



3. Using the key bit, press red slide control **B** in the direction indicated by the arrow.
4. Fit cover **A** again.
5. Repeat procedure on the passenger's **and** the rear doors.
6. Close all doors.
7. Lock the driver's door with the key at the door lock.

Immobilizer

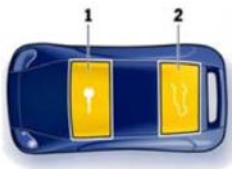
There is a transponder (an electronic component), containing a stored code, in each key. Before the ignition is switched on, the ignition lock checks the code. The immobilizer can be deactivated and the engine started only using an authorized ignition key.

Switching off the immobilizer

- Insert the ignition key into the ignition lock.

Switching on the immobilizer

- Withdraw the ignition key.



Unlocking vehicle doors

- Briefly press button **1** on the remote control.

Locking vehicle doors

- Briefly press button **1** on the remote control.

Unlocking rear lid, rear window and spare wheel bracket

- Briefly press button **2**.
Emergency flasher flashes once.
The rear lid, rear window and spare wheel bracket can be opened with the appropriate unlocking button.
The rear window and spare wheel bracket are always unlocked if the rear lid is unlocked.
- Please observe the chapter "REAR LID" on Page 182.
- Please observe the chapter "SPARE WHEEL" on Page 307.

If the rear window is not opened, both the rear lid and rear window will lock automatically after 30 seconds.

Note on operation

You can select the various options for unlocking the doors, rear lid and rear window on the multi-purpose display in the instrument panel.

- Please observe the chapter "COMFORT" on Page 103.

Opening the rear window

- Press button **2** for approx. two seconds.
The rear window pops open.

Central Locking System

USA: KR5KESSY

Canada: CAN 267 104 139

This device complies with:
Part 15 of the FCC Rules
RSS-210 of Industry Canada.

Operation of this device is subject to the following two conditions:

- It may not cause harmful interference, and
- it must accept any interference received including interference that may cause undesired operation.

Note

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modification could void the user's authority to operate the equipment.

- ▷ Please observe the chapter "POWER WINDOWS" on Page 29.
- ▷ Please observe the chapter "SLIDING/LIFTING ROOF" on Page 152.

The vehicle doors can be centrally unlocked or locked with the remote control.

All doors are locked or unlocked if central locking button **A** is activated in the relevant armrest.

The vehicle cannot be locked if the driver's door is not completely closed.

If you unlock the vehicle with the key at the door lock, only the driver's door is opened. In order to prevent the alarm system from being triggered, you must switch the ignition on within 15 seconds of opening the door.

Switching off the alarm system if it is triggered

- ▷ Unlock vehicle doors **or**
- ▷ Switch ignition on.

Automatic relocking

If the vehicle is unlocked and none of the vehicle doors is opened within approximately 30 seconds, automatic relocking takes place.

Note on operation

If the passenger compartment monitoring system and the inclination sensor have been deactivated (theft protection is limited), the doors can be opened after automatic relocking by pulling the inner door handle twice.

When locked again, the passenger compartment monitoring system and inclination sensor are activated once more.

- ▷ Please observe the chapter "ALARM SYSTEM, ULTRASOUND PASSENGER COMPARTMENT MONITORING SYSTEM, INCLINATION SENSOR" on Page 27.
- ▷ Please observe the chapter "ALARM" on Page 103.

Indication by the emergency flashers

If the vehicle doors are unlocked or locked, a response is provided by the emergency flashers:

- Unlocking - single flash
- Locking - double flash
- ▷ Please observe the chapter "SIGNAL" on Page 105.

Locking conditions

- ▷ Lock vehicle **once**.
The doors cannot be opened from the outside. The alarm system, passenger compartment monitoring system and inclination sensor are switched on.

If a person or animal remains in the vehicle:

- ▷ Quickly lock vehicle **twice**.
The doors cannot be opened from the outside. The passenger compartment monitoring system and inclination sensor are switched off. The doors are locked but can be opened from the inside.

Unlocking the door with the inner door handle

- ▷ Pull inner door handle once.
Door lock is unlocked.
- ▷ Pull inner door handle again.
Door can be opened.

Inform any persons remaining in the vehicle that the alarm system will be triggered if the door is opened.

Central locking button

Central locking buttons **A** in the armrests let you lock and unlock the vehicle electrically.

Locking

- ▷ Press the button **A** symbol.
All vehicle doors will be locked.
The doors can be opened by pulling the inner door handle twice.

Unlocking

- ▷ Press the button **A** symbol.
If activated on the rear doors, **only** the relevant door will be unlocked.

Note on operation

If the vehicle was locked with the key or by remote control, it cannot be unlocked with the central locking button.



Safety button

The power windows, the central locking buttons on the rear doors and the rear control panel for the air conditioning can be disabled using the safety button **B** in the armrest of the driver's door.

Switching off

- ▷ Press safety button **B**.
The symbol in the safety button lights up.

Switching on

- ▷ Press safety button **B** again.
The symbol in the safety button goes out.

Emergency operation

- ▷ Lock the vehicle with the key at the door lock.

If there is a defect in the central locking system, operating the lock barrel in the driver's door will lock all functioning elements of the central locking system.

- ▷ The fault should be remedied immediately at an authorized Porsche dealer.

Note on operation

The alarm system, passenger compartment monitoring system and inclination sensor are switched on.

In order to prevent the alarm system from being triggered, you must switch the ignition on within 15 seconds of opening the door.

Switching off the alarm system if it is triggered

- ▷ Unlock vehicle doors **or**
- ▷ Switch ignition on.

Automatic door locking



Warning!

In an emergency situation where you need to exit the car through an automatically locked door, remember the following procedure to open the door.

- ▷ Unlock the doors by pressing the central locking button **or**
- ▷ pull the inside door handle twice to open the door.

You can select various options for automatically locking the doors on the multi-purpose display in the instrument panel.

- ▷ Please observe the chapter "DOOR OPENING" on Page 104.

Option 1 (AUTO-LOCK)

Doors lock automatically when a speed of approx. 3 mph (6 km/h) is exceeded.

Option 2

The doors do not lock automatically.

Note on operation

Automatically locked doors can be unlocked with the central locking button and opened by pulling on the inside door handle **twice**.

Porsche Entry & Drive

Porsche Entry & Drive facilitates keyless unlocking and locking of vehicle doors, rear lid and rear window. To use this facility, you need to have only the car key with remote control with you.

- Do not expose the car key to a high level of electromagnetic radiation, as this could adversely affect Porsche Entry & Drive.



Risk of being locked out of vehicles with Porsche Entry & Drive.

- If the vehicle is locked and access is gained through the rear lid or rear window, do not leave the key in the vehicle.
The vehicle is automatically locked within approx. 30 seconds after the rear lid or rear window is closed.
The vehicle can then be unlocked only with the second key.



Unlocking vehicle doors

- Grip door handle fully.
The vehicle doors will be unlocked.

Unlocking rear lid, rear window and spare wheel bracket

- If you are at the rear section of the vehicle with the car key, the rear lid, rear window and spare wheel bracket are unlocked and can be opened.

Locking rear lid, rear window and spare wheel bracket

- Close rear lid, rear window and spare wheel bracket.
If the car key with remote control is out of range, rear lid, rear window and spare wheel bracket are locked.

Locking vehicle doors

- Press button **A** in the door handle.
The vehicle doors are locked.
If the car key with remote control is out of range, the vehicle doors are locked.
- Please observe the chapter "LOCKING CONDITIONS" on Page 22.
- Please observe the chapter "ALARM SYSTEM, ULTRASOUND PASSENGER COMPARTMENT MONITORING SYSTEM, INCLINATION SENSOR" on Page 27.
- Please observe the chapter "SIGNAL" on Page 105.

Immobilizer

Switching off the immobilizer

- ▷ Switch ignition on.

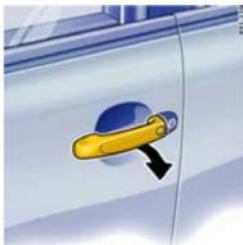
Switching on the immobilizer

- ▷ Switch ignition off and move control unit to the left for 2 seconds.
- ▷ Please observe the chapter "LOCKING THE STEERING COLUMN" on Page 60.

Switching off readiness for operation

If the vehicle is not unlocked within **3 days** the Porsche Entry & Drive readiness for operation is switched off.

- ▷ Pull the door handle **once**, to reactivate the system.
- ▷ Pull the door handle **again**, to open the door.



Doors

Opening unlocked doors from outside

- ▷ Pull door handle.



Opening unlocked doors from inside

- ▷ Pull inner door handle.

Opening locked doors from inside

- ▷ Pull inner door handle twice.
Please observe the chapter "LOCKING CONDITIONS" on Page 22.



Childproof rear door locks

Childproof locks are fitted to the rear doors. The doors cannot be opened from inside once these locks are engaged.

Locking (Active)

- ▷ Turn safety catch to position **A**.

Unlocking (Inactive)

- ▷ Turn safety catch to position **B**.



A - Light-emitting diode for alarm system

Alarm System, Ultrasound Passenger Compartment Monitoring System, Inclination Sensor

- ▷ Please observe the chapter "ALARM" on Page 103.

Avoiding false alarms

- ▷ Always close the sliding/lifting roof or the Panorama roof system, and all door windows.
- ▷ Do not leave a mobile phone switched on in the glasses case of the roof console.
- ▷ Always turn off the alarm system before you attach a trailer. The inclination sensor could trigger the alarm unintentionally.

Switching on

- ▷ Lock the vehicle.
The alarm system, passenger compartment monitoring system and inclination sensor are switched on.
- ▷ Please observe the chapter "CENTRAL LOCKING SYSTEM" on Page 21.

Switching off

- ▷ Unlock the vehicle.
The alarm system, passenger compartment monitoring system and inclination sensor are switched off automatically.

Note on operation

If you unlock the vehicle with the key at the door lock, you must switch the ignition on (ignition lock position 1) within 15 seconds of opening the door in order to prevent the alarm system from being triggered.

Switching off the alarm system if it is triggered

- ▷ Unlock vehicle doors **or**
- ▷ Switch ignition on.

Function indication

The locking condition of the vehicle is indicated by a rapid flashing of the light-emitting diode **A** on the driver's door.

The light-emitting diode goes out when the vehicle is unlocked.

The passenger compartment monitoring system and inclination sensor are switched on

- ▷ The light-emitting diode flashes for 2 seconds, rapidly, then slowly.

The passenger compartment monitoring system and inclination sensor are switched off

- ▷ The light-emitting diode flashes rapidly for 2 seconds, goes out for 28 seconds and then flashes slowly.

Faults

- ▷ The light-emitting diode flashes rapidly for 2 seconds, shines for 28 seconds and then flashes slowly.

The following alarm contacts are monitored

- Doors
- Engine compartment lid
- Rear lid
- Rear window
- Passenger compartment
- Vehicle inclination

If one of these alarm contacts is interrupted, the alarm horn sounds for approx. 30 seconds and the emergency flashers flash.

After 10 seconds of interruption the alarm is triggered again. This cycle is repeated ten times.

Temporarily deactivating ultrasound passenger compartment monitoring system and inclination sensor

If people or animals are remaining in the locked vehicle or the vehicle is being transported on a passenger train or ship, for example, the passenger compartment monitoring system and inclination sensor must be deactivated.

When locked again, the passenger compartment monitoring system and inclination sensor are activated once more.



Deactivating

- ▷ Lock the vehicle quickly **twice** with the remote control **or**
- ▷ In vehicles with Porsche Entry & Drive, operate button **A** in the door handle quickly twice.

The doors are locked but can be opened from the inside:

1. Pull inner door handle once.
Door lock is unlocked.
 2. Pull inner door handle again.
Door can be opened.
- ▷ Inform any persons remaining in the vehicle that the alarm system will be triggered if the door is opened.

Switching on

- ▷ Unlock the vehicle and lock it again.

Note on operation

You can deactivate the passenger compartment monitoring system and inclination sensor separately on the multi-purpose display in the instrument panel.

- ▷ Please observe the chapter "COMFORT" on Page 103.

Power Windows



Warning!

Risk of injury when the door windows close. This applies especially if the windows are closed with the comfort function, because with this function the window goes up automatically.

- ▷ Make sure nobody can be injured when the windows close.
- ▷ Remove the ignition key or switch ignition off in vehicles that have Porsche Entry & Drive to shut off power to the window switches when the vehicle is not attended by a responsible person. Always take the ignition key with you when leaving the vehicle. Uninformed persons could injure themselves by operating the power windows.
- ▷ In case of danger, immediately release the car key or the button in the door handle in vehicles that have Porsche Entry & Drive.
- ▷ Do not leave children in the car unattended.

Risk of an accident.

- ▷ Do not put anything on or near the windows that may interfere with the driver's vision.

Readiness for operation of power windows

- With ignition switched on **or**
- A maximum of 10 minutes with door closed and ignition key withdrawn, but only until driver's or passenger door is first opened. The one-touch operation for closing the door windows is available only when the ignition is switched on.



- A - Power window in driver's door
- B - Power window in passenger's door
- C - Safety button
- D - Left rear power window
- E - Right rear power window

Opening/closing windows

Opening window with the rocker switch

- ▷ Press rocker switch until the window has reached the desired position.

Closing window with the rocker switch

- ▷ Pull rocker switch until the window has reached the desired position.

▷ ▷ ▷



Power windows in passenger's door and rear doors

Note on operation

Rocker switches **A** and **B** in the driver's door have a two-stage function:

- If the switch in question is pressed or pulled to the first level, the front window is opened or closed manually.
- If the switch is completely pressed or pulled to the second level, the front window is opened or closed automatically (one-touch operation).

One-touch operation for front windows

- ▷ Pull or press rocker switch to its final position in the driver's door.
Window moves to its final position.
Press or pull again to stop the window in the desired position.

Comfort function when unlocking the vehicle

- ▷ Hold the car key in the door lock in the unlocking position until the windows and the Panorama roof system have reached the desired position.

If you unlock the vehicle with the key at the door lock, only the driver's door is opened. In order to prevent the alarm system from being triggered, you must switch the ignition on within 15 seconds of opening the door.

Comfort function when locking the vehicle



Danger of injury. The window will close with its full closing force.

- ▷ Take care to ensure that nobody can be injured when the windows close.
- ▷ Hold the car key in the door lock in the locking position until the windows and the sliding/lifting roof or the Panorama roof system have reached the desired position.

Comfort function when locking for vehicles with Porsche Entry & Drive



Danger of injury. The window will close with its full closing force.

- ▷ Take care to ensure that nobody can be injured when the windows close.
- ▷ Push the button in the door handle until the windows and the sliding/lifting roof or the Panorama roof system are closed.

Note on operation

The comfort function remains available for approx. 45 seconds after the vehicle has been locked.

Note on operation

If a door window is blocked during closing, it will stop and open again by several inches. However, this is not the case if:

- The rocker switch is pressed again within 10 seconds of the window being blocked and
- The windows are closed using the car key in the door lock (comfort function).

The windows close with their full closing force.



Warning!

Danger of injury. If the rocker switch is pressed again within 10 seconds of the window being blocked, the window will close with its full closing force.

- ▷ Take care to ensure that nobody can be injured when the windows close.

One-touch operation is disabled for 10 seconds after blockage of the door window.

Storing final position of the door windows

The end positions of the door windows are lost when the battery is disconnected and reconnected. The one-touch operation of the windows is disabled.

Perform these procedures for all windows:

1. Close window completely **once** by pulling rocker switch.
2. Pull rocker switch **again**.
The upper end position of the window is stored.
3. Open window completely **once** by pressing rocker switch.
4. Press rocker switch **again**.
The lower end position of the window is stored.



Safety button

The power windows, the central locking buttons on the rear doors and the rear control panel for the air conditioning can be disabled using the safety button **C** in the armrest of the driver's door.

Switching off

- ▷ Press safety button **C**.
The symbol in the safety button lights up.

Switching on

- ▷ Press safety button **C** again.
The symbol in the safety button goes out.

Front seats



The seat may move unexpectedly if you attempt to adjust while driving. This could cause sudden loss of control or personal injury.

- Do not adjust seats while the vehicle is in motion. The backrest locks must be engaged at all times while the vehicle is in motion.

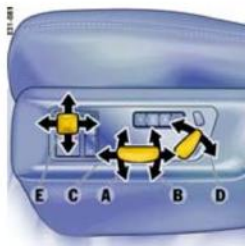
Safety belts only offer protection when the backrest is upright and the belts are properly positioned on the body. Improperly positioned safety belts can cause serious personal injury or death in an accident.

- Do not operate the car with the driver or passenger backrests excessively reclined.

Seat position

A correct sitting position is important for safe and fatigue-free driving. We recommend the following procedure for adjusting the driver's seat to suit individual requirements:

- Adjust the seat height to give yourself enough headroom and a good overview of the vehicle.
- Adjust the seat until, with the accelerator pedal fully depressed, your leg is straight but your entire foot still rests on the accelerator pedal.
- Grip the top half of the steering wheel. Set the backrest angle and steering wheel position so that your arms are almost outstretched. However, your shoulders must still rest on the backrest.
- If necessary, correct the seat fore-and-aft adjustment.
- Adjust the height of the headrest so that the upper edge is at eye level or higher.



Adjusting the seat

- A Front seat height adjustment.
- B Rear seat height adjustment.
- C Fore and aft adjustment.
- D Backrest angle adjustment.
- E Lumbar support adjustment.

To permit a relaxed sitting posture, the backrest curvature is infinitely adjustable in vertical and horizontal directions for individual pelvis and spinal column support.

- Press the switch in the direction indicated by the **arrows** until the desired setting is reached.



Front seat with memory

Personal seat, door mirror, steering wheel and safety belt height adjustments can be stored and recalled on the person buttons **A** and car keys.

- ▷ Please observe the chapter 'EASY ENTRY FUNCTION' on Page 35.



Warning!

Risk of crushing due to uncontrolled recall of settings.

- ▷ Cancel automatic adjustment by pressing any of the seat adjustment buttons.
- ▷ Do not leave children in the car unattended.

Memory options

- Seat adjustment
- Door mirror adjustment

Comfort memory options

- Seat adjustment
- Door mirror adjustment
- Steering wheel and safety belt height adjustment

Recalling the settings using the vehicle key or in vehicles that have Porsche Entry & Drive

- ▷ Open the driver's door.
The stored settings of the driver's seat are recalled automatically.

Cancelling setting

Automatic settings can be cancelled immediately by pressing any driver's seat setting button.

Recalling the settings with person buttons 1 - 3 (driver's and passenger's seat)

1. Unlock vehicle and open the driver's door.
2. Press the relevant person button until the stored positions have been reached
or
Briefly touch the person button if the ignition key is inserted or if the ignition is switched on (in vehicles that have Porsche Entry & Drive).
The stored positions for each seat are recalled automatically.

Cancelling setting

Automatic settings can be cancelled immediately by pressing any seat adjustment button.

Storing driver's seat settings

Storing settings on a person button and a car key

1. Apply the parking brake.
2. Switch ignition on.
3. Close doors.
4. Make the required adjustments to the seat, mirror, steering wheel and safety belt.
5. Briefly press the **SET** memory button and, within 10 seconds, hold down one of the person buttons (**1**, **2** or **3**) until an acknowledge tone is obtained.
The settings are now stored on the desired person button.
6. Withdraw car key or switch ignition off in vehicles that have Porsche Entry & Drive.
7. Press the **SET** memory button within 10 seconds and keep the button depressed until an acknowledge tone is obtained.
The settings are now assigned to the car key.



A - Mirror adjustment

Storing passenger mirror setting as a parking aid

If the passenger's mirror is supposed to swivel downwards when reversing, this can also be stored in the driver's seat setting.

1. Apply the parking brake.
2. Switch ignition on.
3. Press the relevant person button.
4. Engage reverse gear.

5. Set the control switch **A** for the mirror setting to the passenger's side.
The passenger's mirror swivels downwards.
6. Adjust the passenger's mirror to the required setting.
7. Briefly press the **SET** memory button and, within 10 seconds, hold down the person button on which the setting is to be stored until an acknowledge tone is obtained.

Storing passenger seat settings

1. Apply the parking brake.
2. Switch ignition on.
3. Adjust seat position and belt height.
4. Briefly press the **SET** memory button and, within 10 seconds, hold down one of the person buttons (**1**, **2** or **3**) until an acknowledge tone is obtained.

Automatic storage – driver's seat

If settings were changed after the driver's door was opened, these new settings are temporarily stored when the vehicle is locked.
This storage is deleted if the vehicle is unlocked with a programmed key and the driver's door is opened. Then the settings of the key used is recalled.



Easy Entry Function

The Easy Entry function makes it easier for you to get in and out of the car.



Risk of crushing if persons are behind the driver's seat when settings are recalled.

Risk of damage if the rear seat bench is folded forward when settings are recalled.

- ▷ Switch off the Easy Entry function if there are persons behind the driver's seat or if the rear seat bench is folded forward.

Switching Easy Entry function on and off

- ▷ Press switch **A**.

Entering the vehicle

When the driver's door is opened, the driver's seat moves to the rear.

Once the driver's door is closed and the ignition key is inserted or, in the case of vehicles that have Porsche Entry & Drive, the ignition is switched on, the seat and steering wheel move into the stored position.

Exiting the vehicle

The steering wheel moves into the frontmost, top position.

- After the ignition key is removed **or**
- After the ignition is switched off and the driver's door is opened on vehicles equipped with Porsche Entry & Drive **or**
- When the steering column is locked.

When the driver's door is opened, the driver's seat moves to the rear.



Headrests

Removing

Front seats

- ▷ Press button **A** and, at the same time, completely remove headrest.

Rear seats

- ▷ Press button **B** and push the headrest all the way down.
- ▷ Press button **A** and, at the same time, pull the headrest completely out.

Installing

Note

The middle headrest of the rear seat bench must only be fitted to the middle seat of the rear seat backrest.

1. Insert the headrests into the guides.
2. Press button **B** and, at the same time, push the headrest downwards until the desired position is reached.
Install the middle headrest of the rear seat bench only on the middle seat and push it down fully.

Adjusting

The heights of the headrests for the front seats and the outer headrests for the rear seats can be adjusted.



Improperly positioned headrests can cause serious personal injury or death in an accident.

- ▷ Adjust the headrest so that the upper edge of the headrest is at least at eye level or higher.
- ▷ Do not drive the vehicle without the headrest in place and properly adjusted.

Raising

- ▷ Push headrest upwards until the desired position is reached.
Additionally press button **B** on the rear seat headrests.

Lowering

- ▷ Press button **B** and, at the same time, push the headrest downwards until the desired position is reached.

Rear Seats

The rear seats are divided and can be folded forward individually to make the loadspace bigger.



Caution!

Risk of damage to seat cushions, backrest, and seat belt if only the backrest is folded forward.

- ▷ Always fold seat cushions and backrest forward.



Folding rear seats forward

If the luggage safety net is installed, first set up the left seat cushion in a vertical position and fold the left rear seat backrest forward.

On vehicles with automatically controlled four-zone air conditioning:



Safety button

- ▷ Press the safety button in the driver's door armrest before folding the rear seats forward. The rear control panel for the air conditioning ceases to function. This prevents unintentional adjustment of the air conditioning. The symbol in the switch lights up.
1. Remove the headrests of the backrest to be folded forward. Please observe the chapter "HEADRESTS" on Page 36.
 2. Move front seats forward.
 3. Pull seat cushion up at loop **A**.
 4. Pull seat cushion forward (arrow **B**).

▷ ▷ ▷



5. Raise seat cushion vertically.



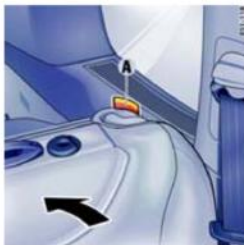
6. Pull release lever **A** and fold the backrest forward.



7. Insert mounting hook on the seat cushion in the eyelet of the backrest (**arrow**).



8. Insert headrest **B** into the receiver in the seat cushion (arrow).



Positioning rear seats

1. Remove the headrests from the seat cushion.
2. Make sure that the safety belts are not trapped.
Raise the backrest until it locks with an audible click.
The red "verification flag" **A** must be lowered completely.
3. Fold seat cushion forward.
4. Push seat cushion under the backrest.
5. Press seat cushion downward at the front.
Make sure that the buckles are accessible.
6. Insert the headrests into the backrest.
Please observe the chapter "HEADRESTS" on Page 36.





A - Front seat, left
B - Front seat, right

Heated Seats – Front and Rear

The seat heating is ready for operation when the ignition is on. The heating power can be infinitely adjusted with the thumb wheel.



C - Rear seat, left
D - Rear seat, right

Switching on

- ▷ Turn thumb wheel until the desired position is reached.

Switching off

- ▷ Turn thumb wheel to **0**.



- A - Switches seat heating on
- B - Switches seat heating off
- C - Temperature control for left seat
- D - Temperature control for right seat

Rear seat heating in vehicles with an four-zone air conditioning system

Switching on

- ▷ Press button **A**.

After the seat heating is switched on, the air conditioning display switches to seat heating mode for approx. 10 seconds.

Controlling the temperature

- ▷ Move button **C** or button **D** upwards or downwards until the desired position is reached.

Switching off

- ▷ Press button **B**.

Safety Belts



Always make sure your and your passengers' safety belts are properly fastened while the vehicle is in motion.

Failure to follow safety belt warnings may result in serious personal injury or death.

- ▷ For your and your passengers' protection, use safety belts at all times while the vehicle is in motion.
- ▷ Use appropriate child restraint systems for all small children.

Proper wearing of safety belts

- ▷ Safety belts must be positioned on the body as to restrain the upper body and lap from sliding forward. Improperly positioned safety belts can cause serious personal injury in case of an accident.
- ▷ The shoulder belt should always rest on your upper body. The shoulder belt should never be worn behind your back or under your arm.
- ▷ For maximum effectiveness, the lap belt should be worn low across the hips.
- ▷ Pregnant women should position the belt as low as possible across the pelvis. Make sure it is not pressing against the abdomen.
- ▷ Belts should not be worn twisted.

- ▷ Do not wear belts over rigid or breakable objects in or on your clothing, such as eye glasses, pens, keys, etc. as these may cause injury.
- ▷ Several layers of heavy clothing may interfere with proper positioning of belts.
- ▷ Belts must not rub against sharp objects or damage may occur to the belt.
- ▷ Two occupants should never share the same belt at the same time.

Care and maintenance

- ▷ Keep belt buckles free of any obstruction that may prevent a secure locking.
- ▷ Belts that have been subjected to excessive stretch forces in an accident must be inspected or replaced to ensure their continued effectiveness in restraining you. The same applies to belt tensioner systems which have been triggered. In addition, the anchor points of the belts should be checked.
- ▷ If safety belts do not work properly, see your authorized Porsche dealer immediately.
- ▷ If the belts show damage to webbing, bindings, buckles or retractors, they should be replaced to ensure safe operation.
- ▷ Do not modify or disassemble the safety belts in your vehicle.

- ▷ The belts must be kept clean or the retractors may not work properly. Please observe the chapter "CAR CARE INSTRUCTIONS" on Page 265.
- ▷ Never bleach or dye safety belts.
- ▷ Do not allow safety belts to retract until they are completely dry after cleaning or this may cause damage to the belt.

Belt tensioner

Depending on the force of a collision, fastened seat belts are automatically tightened in an accident.

The belt tensioners are triggered in:

- Front and rear impacts

The belt tensioners are not triggered in:

- Side impacts
- Vehicle overturning

Maintenance note

The belt tensioner system can be triggered only once; the system must be replaced afterwards. Work may be performed on the belt tensioner system only by an authorized Porsche dealer. Smoke is released when the belt tensioners are triggered.

This does not indicate a fire in the vehicle.



Safety Belt Warning System

An audio-visual warning system is interconnected with the driver's safety belt.

Every time the ignition is turned on, the gong will sound for about 6 seconds to remind driver and passenger to buckle up.

In addition, the gong will sound if vehicle speed exceeds 6 mph (10 km/h.)

The safety belt warning lights in the instrument panel and on-board computer will go off as soon as the driver has buckled up.



Fastening the safety belt

- ▷ Assume a comfortable sitting position. Adjust the backrest of the front seat so that the belt always rests on your upper body and runs across the middle of your shoulder.
- ▷ Grasp the belt tongue and pull the belt in a slow, continuous motion across your chest and lap.

Note on operation

The belt can be blocked if the vehicle is standing at an angle or if the belt is pulled out using a jerking movement.

- ▷ The belt cannot be pulled out while accelerating and slowing down, when cornering and when driving uphill.
- ▷ Insert the belt tongue into the appropriate buckle on the inboard side of the seat, until it locks securely with an audible click.
- ▷ Make sure that belts are not trapped or twisted, and that they are not rubbing on sharp edges.
- ▷ The horizontal section of the belt should always fit snugly across the pelvis. Therefore, after fastening the belt, always pull the diagonal part of the belt upwards. Pregnant women should position the belt as low as possible across the pelvis, and ensure that it is not pressing against the abdomen.
- ▷ Pull on the diagonal section of the belt now and again during the journey to ensure that the horizontal section remains tight.



- ▷ Make sure that the belts and buckles fit correctly on the rear seat bench.

Releasing the safety belt

- ▷ Hold the belt tongue.
- ▷ Press the red button (arrow).
- ▷ Guide belt tongue to the reel.



Safety belt height adjustment

The heights of the belt deflectors for the driver's seat, passenger's seat and the outer rear seats can be adjusted.

Adjust the height of the safety belt so that it runs across the middle of the shoulder, not against the neck.

Adjusting belt height manually

- ▷ Upward – push belt deflector up.
- ▷ Downward – press button **A** and move belt deflector.



Adjusting belt height electrically

- ▷ Operate rocker switch **B** in the desired direction until the optimal belt adjustment is reached.
- ▷ Please observe the chapter "FRONT SEAT WITH MEMORY" on Page 33.

Automatic locking retractor

The safety belts for the passenger and rear seats are equipped with an automatic locking retractor for securing the child restraint system. When activated, this retractor allows you to securely fasten the child restraint system in place so that inadvertent movements will not occur.

Activating the automatic locking retractor

1. Pull the safety belt retractor completely out. At this point the locking mechanism is activated.
2. Insert the safety belt tongue into the buckle and make certain that it is properly latched.
3. Allow the safety belt to retract until it is tight on the child restraint system. You may further tighten the belt by pulling on it to allow more of it to retract.

Releasing the safety belt

1. Unbuckle the safety belt latch.
2. Then make certain that the belt has fully retracted. At this point the automatic locking feature will be disengaged.



Warning!

Child restraint anchorages are designed to withstand only those loads imposed by correctly fitted child restraints. Under no circumstances are they to be used for adults safety belts or harnesses. Such use could result in serious personal injury or death.

- Do not misuse the child restraint anchorages. Only attach **one** child seat tether per anchorage. They are not designed to withstand loads imposed by adults.

Child Restraint Anchorages

- Please observe the chapter "AUTOMATIC LOCKING RETRACTOR" on Page 45.

If your child restraint seat or seats require the use of a tether strap, you will want to use the anchor points **A** provided behind the rear seat backrests under the carpet.

To ensure proper installation, see your authorized Porsche dealer.

The tether strap can be moved to the other anchor point if required.

Child Restraint Systems

Porsche recommends that all infants and children be restrained in child restraint systems at all times while the vehicle is in motion in accordance with applicable laws.

The use of infant or child restraints is required by law in all 50 states and the Canadian provinces. The child restraint system should be one that complies with U.S. Federal/Canadian Motor Vehicle Safety Standards 213 and should be secured by a lap belt or lap belt portion of a lap-shoulder belt or for child seats equipped with the LATCH system (Lower Anchorage and Tether for Children, also known as ISOFIX) to the LATCH anchorages.

A statement by the seat manufacturer of compliance with this standard can be found on the instruction label on the restraint and in the instruction manual provided with the restraint.



Danger!

Risk of serious personal injury or death to the child.

- ▷ Follow all child restraint instructions and warnings in this manual.
- When using an infant or child restraint system, be sure to follow all manufacturer's instructions on installation and use.
- Infants and small children should never be held on the lap, nor should they share a safety belt with another occupant while the vehicle is in motion.
- Children too big for child restraint systems should use regular safety belts. A shoulder belt can be used providing it does not cross the face or the neck of the child.
- For maximum safety and protection, do not use a child restraint system in the front passenger seat.



Danger!

The use of a child restraint system in the front passenger seat can result in serious personal injury or death to the child from an airbag deployment.

To reduce risk of injury from an inflating airbag in an accident, Porsche strongly recommends:

- ▷ Do not use a child restraint system in the front passenger seat.
- ▷ Seek appropriate advice from your authorized Porsche dealer about the possible installation of a Porsche child restraint system.

Rearward facing child restraint system:

- ▷ Use only in the rear seat. Must not ever be used in the front seat.

Forward facing child restraint system:

- ▷ Use only in the rear seat. Must not ever be used in the front seat.



LATCH Child Seat System

Use only child restraint systems with the LATCH system recommended by Porsche. These systems have been tested and adjusted to the interior of your Porsche and the appropriate child age groups. Other systems have not been tested and could entail an increased risk of injury.

You can obtain child seats that are LATCH-compatible at your authorized Porsche dealer.

- Always observe the separate installation instructions for your child seat.



Installing an LATCH child seat system

Markings on the right and left for the LATCH child seat anchorage can be found on the backrests of the outer rear seats.

The anchor bars **A** for the LATCH child seat anchorage can be found directly under the markings between backrest and seat cushion.



Danger!

The use of a child restraint system in the front passenger seat can result in serious personal injury or death to the child from an airbag deployment.

To reduce risk of injury from an inflating airbag in an accident, Porsche strongly recommends:

- Do not use a child restraint system in the front passenger seat.
 - Please see your authorized Porsche dealer for correct Porsche Child Seat availability.
 - Porsche recommends the use of a Porsche Child Seat with Lower Anchorage and Tether for Children system (LATCH)
1. Secure the child seat to retaining lugs **A** as outlined in the operating manual for the child seat.
 2. Pull the child seat to check that both fastening points are engaged correctly.

Airbag Systems

The Airbags in combination with the safety belts makes up a safety system which offers the driver and the passenger the greatest known protection from injuries in case of accident.

Even if your vehicle is equipped with airbags, **the safety belts must be worn at all times**, because the front airbag system is only actuated by frontal collisions with an impact of sufficient severity.

Below the actuation threshold of the airbag system, and during types of collisions which do not cause the actuation of the system, the safety belts provide the primary protection to the occupants when correctly worn.

Therefore, all persons within the vehicle must wear safety belts at all times (in many states, state law requires the use of safety belts).

- ▷ Please observe the chapter "SAFETY BELTS" on Page 42.

The **front airbags** are located under the padded steering wheel panel on the driver's side and, on the passenger's side, in the dashboard.

The **side airbags** for the front seats are installed on the side in the seat backrests.

The **head airbags** are installed above the doors in the roof area.

Function

The front airbags are triggered during a frontal collision of sufficient force.

In the event of a side impact of corresponding force, the side airbag on the impact side is triggered.

The inflation process generates the amount of gas required to fill the airbags at the necessary pressure in fractions of a second.

Airbags protect the face and upper body, while simultaneously damping the motion of the driver and passenger in the impact direction in the event of a frontal impact or side impact.

Your vehicle is equipped with a crash sensing and diagnostic module. This module will record the use of the seat belt restraint system by the driver and front passenger when the side airbags and head airbags are inflated.

▷ ▷ ▷



Danger!

To provide optimal occupant protection, airbags must inflate at very high speed. If you are not wearing your safety belt or are too close to the airbag when its deployed, inflating airbags can result in serious personal injury or death.

- ▷ Make sure there are no people, animals or objects between the driver or passenger and the area into which the airbag inflates.
- ▷ Sit back as far from the dashboard or steering wheel as is practical, while still maintaining full vehicle control.
- ▷ Do not lean against the inside of the doors.
- ▷ Always hold the steering wheel by the outer rim. Never rest your hands on the airbag panel.
- ▷ Never transport heavy or sharp objects on or in front of the passenger seat.
- ▷ Always keep the lid of the door storage compartment closed. Objects must not protrude out of the door storage compartment.
- ▷ Give your passenger all of the information in this chapter.
- ▷ No changes must be made to the wiring or components of the airbag system.

- ▷ Do not add any additional coverings or stickers to the steering wheel or in the area of the passenger airbag and side airbags. Doing so may adversely affect the functioning of the airbag system or cause harm to the occupants if the airbag system should deploy.
- ▷ Do not undertake any wiring for electrical accessory equipment in the vicinity of the airbag wiring harnesses. Doing so may disable the airbag system or inadvertent inflation.
- ▷ If the warning light comes on, the airbag system should be repaired immediately by your authorized Porsche dealer.
- ▷ Always keep feet in the footwell while driving. Do not put feet on the dashboard or the seat area.

Note

Airbag components (e.g. steering wheel, door trim) may be disassembled only by an authorized Porsche dealer.

When disposing of a used airbag unit, our safety instructions must be followed. These instructions can be obtained at any authorized Porsche dealer.



Warning lights and warning messages

Faults are indicated by a warning light on the tachometer and a message on the instrument panel's multi-purpose display.

- ▷ Please observe the chapter "WARNING LIGHTS AND WARNING MESSAGES" on Page 108.
- ▷ **In the following cases you should immediately consult an authorized Porsche dealer in order to assure the airbag system is functioning properly:**
 - If the warning light does not light up when the ignition is switched on **or**
 - If the warning light does not go out once the engine is running **or**
 - If the warning light appears while driving.

Airbag maintenance

In order to ensure long-term functioning, the airbag system must be inspected by an authorized Porsche dealer at the intervals recommended in your Maintenance Booklet.

Important information

If you sell your Porsche, notify the purchaser that the vehicle is equipped with airbags, and refer them to the chapter, "Airbag Systems", in the owner's manual (safety and disposal rules).

Further information on the airbag system can be found on stickers attached to the sun visors, as well as on all airbag components.

For special recommendations on the use of child restraints:

- ▷ Please observe the chapter "CHILD RESTRAINT SYSTEMS" on Page 47.

Disposal

- ▷ Non-ignited gas alternators, or whole vehicles or subassemblies with airbag units, must not be disposed of as "normal" scrap or waste or put into any other form of end storage. Your authorized Porsche dealer will be able to give you details about disposal.



Steering Wheel

Tiptronic rocker switches

The Porsche Tiptronic is a six-speed transmission and features an "automatic" and a "manual" gear-shift mode.

You can change temporarily to manual mode using rocker switches **A** on the steering wheel.

- ▷ Please observe the chapter "TIPTRONIC S" on Page 203.

Horn

- ▷ Press button **B** to operate the horn.

Airbag unit

Airbag unit **C** is located behind the padded steering wheel boss.

In conjunction with the safety belts, the "airbag" is a safety system designed to provide the driver and passengers with maximum protection from injury in an accident.

- ▷ Please observe the chapter "AIRBAG SYSTEMS" on Page 49.

Steering Wheel Heating

If the interior temperature in the vehicle is lower than +54°F (+12°C) when the ignition is switched on, the steering wheel heating is switched on automatically.

When this happens, the steering wheel adjusts to a temperature of +73°F (+23°C).

If the interior temperature rises above +71°F (+22°C) when the vehicle is operational, the steering wheel heating switches off again.

Steering Wheel Adjustment



Warning!

Risk of accident. The steering wheel may move further than desired if you attempt to adjust it when driving.
You can lose control of the vehicle.

- Do not adjust the steering wheel when driving.

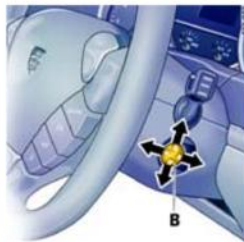
Risk of crushing due to uncontrolled recall of seat memory settings.

- Do not leave children in the car unattended.



Manual adjustment

- Swivel locking lever **A** downwards.
- Adapt the steering wheel setting to the backrest angle and your seat position. Move the steering wheel in the desired direction.
- Swivel locking lever **A** back until you feel it engage.



Electrical adjustment

- Press control switch **B** in the relevant direction until the desired setting is reached.

The steering wheel setting can be stored in the seat memory.

- Please observe the chapter "FRONT SEAT WITH MEMORY" on Page 33.

Multi-Functional Steering Wheel



Warning!

There is a danger of accident if you set or operate the on-board computer, radio, navigation system, telephone or other equipment when driving.

This could distract you from the traffic and cause you to lose control of the vehicle.

- ▷ Operate the components while driving only if the traffic situation allows you to do so safely.
- ▷ Carry out any complicated operating or setting procedures only with the vehicle stationary.

Depending on the equipment in your vehicle, you can use these function keys to operate the following Porsche communication systems:

- Radio with CD drive
- CD changer
- Satellite radio

Readiness for operation of multi-functional steering wheel

- With ignition switched on **and**
 - With Porsche communication systems switched on.
- ▷ Please observe the operating instructions supplied for the Porsche communication systems before operating the function keys.

Note on operation

The Porsche communication systems cannot be switched on and off using the multi-functional steering wheel.



Operating the function keys

The function keys on the steering wheel (**arrows**) can be operated by pressing and by pulling.

Various functions may require you to press or pull the buttons several times in order to achieve the desired setting.



Function keys

- Please read the operating instructions supplied for the Porsche communication systems before operating the function keys.

- MAN Manual tuning**
 - Set radio station manually.
- SCAN Scan titles, radio stations**
 - Scan titles, radio stations briefly.
- + Increase the volume of the relevant communication system**
- Decrease the volume of the relevant communication system**
- △ Next radio station/title**
 - Select the next radio station or title.
- ▽ Last radio station/title**
 - Select the previous radio station or title.
- MUTE Switch off the sound**
- M Source selection**
 - Select available audio source.
 - Depending on the equipment in your vehicle, the following sources are available:
 - radio, CDS (single CD player), CDC (CD changer).



Steering wheel buttons – lighting

When the light switch is operated, the light switches on automatically. Using the buttons on the back of the steering wheel (**arrow**), the lighting for the function keys and the rocker switches can be switched on and off.

Switching lighting off

- Press button.

Switching lighting on

- Press button again.



Interior Mirror

Initial position – lever forward
Anti-dazzle setting – lever back

Note on operation

When the interior mirror is being adjusted, anti-dazzle lever **A** must point forward.



A - Door mirror setting – driver's side
B - Heat door mirror
C - Door mirror setting – passenger's side
D - Fold in door mirrors

Door Mirrors

The convex mirror glass on the passenger's side provide a larger field of view.



Warning!

Risk of accident. Vehicles or objects appear smaller in convex mirrors and further away than they are in reality.

- ▷ Bear this distortion in mind when estimating the distance of vehicles behind you and when reversing into a parking space.
- ▷ Also make use of the interior mirror for judging the distance.

Risk of damage to the door mirrors when washing the vehicle in a car wash.

- ▷ Fold in door mirrors before using the car wash.

Adjusting mirrors

- ▷ Please observe the chapter "MIRRORS" on Page 105.

1. Switch ignition on.
2. Select **A** for the driver's side or **C** for the passenger's side by turning the control switch.
3. Move the door mirrors in the appropriate direction by tilting the control switch.

If the electrical adjustment facility fails

- ▷ Adjust the mirror by pressing on the mirror face.

Folding in door mirror

- ▷ Switch ignition on.
- ▷ Turn control switch to **D**.
Both door mirrors fold in automatically.

If the electrical adjustment facility fails

- ▷ Fold in mirror manually.

Unfolding door mirrors

- ▷ Switch ignition on.
- ▷ Turn control switch to **A** or **C**.
Both door mirrors unfold automatically.

If the electrical adjustment facility fails

- ▷ Unfold mirrors manually.

Automatically swivelling down mirror glass on the passenger's side

- ▷ Please observe the chapter "FRONT SEAT WITH MEMORY" on Page 33.
- ▷ Please observe the chapter "PARKING AIDS" on Page 162.

Door mirror heating

The door mirror heater is ready for operation when the ignition is switched on.

Switching on

- ▷ Turn control switch to **B**.
Both door mirrors are heated.

Switching off

- ▷ Change the position of the control switch.



E - Light-emitting diodes (LED)
 F - Button for automatic anti-dazzle operation
 G - Light sensors

Automatic Anti-Dazzle Mirror

Sensors on the front and rear sides of the interior mirror measure the incident light. The mirrors automatically change to anti-dazzle position or revert to their normal state, depending on the light intensity.



Warning!

Danger of injury. Electrolyte fluid can emerge from broken mirror glass. This fluid irritates the skin and eyes.

- ▷ If the electrolyte fluid should come into contact with the skin or eyes, immediately rinse it off with clean water.
 See a doctor if necessary.

Risk of damage to paintwork and leather and plastic parts, and clothing. Electrolyte fluid can be removed only while it is still wet.

- ▷ Clean the affected parts with water.

Note on operation

The incident light in the area of light sensors **G** must not be restricted (e.g. by stickers on the windshield).

Switching off automatic anti-dazzle operation

- ▷ Press button **F**.
 Light-emitting diode **E** goes out.

Note on operation

Anti-dazzle operation switches off automatically, if:

- Reverse gear is engaged **or**
- Interior lighting **and/or** reading lights in the front are switched on.

Switching on automatic anti-dazzle operation

- ▷ Press button **F**.
 Light-emitting diode **E** lights up.



- 0 - Initial position
- 1 - Ignition on
- 2 - Start engine
- 3 - Ignition off

Ignition Lock/Steering Lock

The ignition lock has a total of four ignition lock positions.

Note on operation

The car key rebounds to the initial position from every ignition lock position.



Porsche Entry & Drive control unit

For vehicles that have **Porsche Entry & Drive** you do not need to insert the key into the ignition lock again but merely keep it with you. The ignition key is replaced by a control unit in the ignition lock, which **always** remains in the ignition lock, unless the vehicle is being towed.

Removing the control unit from the ignition lock

- ▷ Press button **A** and remove the control unit.

Ignition lock position 0

Initial position

The ignition key cannot be withdrawn when the ignition is switched on or when the engine is started.

To withdraw the ignition key:

- ▷ Stop the vehicle.
- ▷ **On vehicles with Tiptronic S:**
Move selector lever to position **P**.
- ▷ Switch ignition off.
- ▷ Withdraw the ignition key.

Note on operation

The vehicle battery discharges if the ignition key is left inserted.

- ▷ Please observe the chapter "EMERGENCY OPERATION – PULLING OUT THE IGNITION KEY" on Page 18.

Ignition lock position 1

Ignition on

- Turn ignition key to position **1**. Ignition is switched on.

Note on operation

All electrical equipment can be switched on. The warning lights light up for a lamp check.

- Please observe the chapter "INSTRUMENT PANEL USA MODELS" on Page 70.

Ignition lock position 2

Starting engine

- Operate footbrake.
- Fully depress and hold the clutch pedal **or on vehicles with Tiptronic S:** move the selector lever to position **P** or **N**.
- Do not press the accelerator pedal. The engine control module will provide the correct starting mixture.
- Turn ignition key to ignition lock position **2**.

- Do not operate the starter longer than approx. 10 seconds.

If necessary, repeat the starting procedure after a pause of approx. 10 seconds.

- Turn the ignition key to ignition lock position **3** (ignition off) first.
- Do not warm up the engine when stationary. Drive off immediately. Avoid high revolutions and full throttle until the engine has reached operating temperature.
- If battery output is insufficient, jump leads can be used to start the engine. Please observe the chapter "EMERGENCY STARTING WITH JUMPER CABLES" on Page 331.

Notes on operation

The first operation of the starter is ended automatically when the engine starts. If the engine does not start, subsequent starter operations will not be ended automatically.

When the engine is started, the warning lights must go out.

Ignition lock position 3

Ignition off

- Turn ignition key to ignition lock position **3**.

Locking the steering column

Vehicles without Porsche Entry & Drive

The steering column is **automatically locked** when the ignition key is withdrawn from the ignition lock.

The steering column is **automatically unlocked** when the ignition key is inserted into the ignition lock.

Vehicles with Porsche Entry & Drive

The steering column is **automatically locked** when the ignition is switched off and the vehicle is locked.

- To **lock intentionally**, once the ignition is switched off, turn the control unit again to the ignition lock position **3** and hold it there for **2 seconds**. The steering column is locked.

The steering column is **automatically unlocked** by turning the control unit from ignition lock position **0**.

Starting and Stopping the Engine

- ▷ Please observe the chapter "IMMOBILIZER" on Page 19.
- ▷ Please observe the chapter "EMISSION CONTROL SYSTEM" on Page 263.



Danger!

Risk of poisoning. Exhaust gas contains colorless and odorless carbon monoxide (CO), which is toxic even in low concentration. Carbon monoxide can cause unconsciousness and even death if inhaled.

- ▷ Never start or let the engine run in an enclosed, unventilated area. It is not recommended to sit in your car for prolonged periods with the engine on and the car not moving.

An unattended vehicle with a running engine is potentially hazardous. If warning lights should come on to indicate improper operation, they would go unnoticed.

- ▷ Never leave the engine idling unattended.

Danger of fire.

- ▷ Do not drive or park your car where combustible materials, such as dry grass or leaves, can come into contact with the hot exhaust system.
- ▷ If your car catches on fire for any reason, call the fire department. Do not endanger your life by attempting to put out the fire.

Starting vehicles with manual transmission

- ▷ Operate footbrake.
- ▷ Fully depress and hold the clutch pedal.
- ▷ Put the gearshift lever in neutral.
- ▷ Do not press the accelerator pedal. The engine control module will provide the correct starting mixture.
- ▷ Turn ignition key to ignition lock position **2**.
- ▷ Do not operate the starter longer than approx. 10 seconds. If necessary, repeat the starting procedure after a pause of approx. 10 seconds. Turn the ignition key back to ignition lock position **3** first.

The first operation of the starter is ended automatically when the engine starts.
If the engine does not start, subsequent starter operations will not be ended automatically.

- ▷ Do not warm up the engine when stationary. Drive off immediately. Avoid high revolutions and full throttle until the engine has reached operating temperature.
- ▷ If battery output is insufficient, jump leads can be used to start the engine.
- ▷ Please observe the chapter "EMERGENCY STARTING WITH JUMPER CABLES" on Page 331.

Note on operation

To ensure a good charge condition for the battery and thus its ability to start the engine, all electrical accessories which are not required should be switched off when the ignition is switched on and when engine revolutions are low (in stop and go traffic).

Starting vehicles with Tiptronic S

- ▷ Operate footbrake.
- ▷ Move selector lever to position **P** or **N**.
- ▷ Do not press the accelerator pedal.
The engine control module will provide the correct starting mixture.
- ▷ Turn ignition key to ignition lock position **2**.
- ▷ Do not operate the starter longer than approx. 10 seconds.
If necessary, repeat the starting procedure after a pause of approx. 10 seconds. Turn the ignition key back to ignition lock position **3** first.

The first operation of the starter is ended automatically when the engine starts.
If the engine does not start, subsequent starter operations will not be ended automatically.

- ▷ Do not warm up the engine when stationary.
Drive off immediately.
Avoid high revolutions and full throttle until the engine has reached operating temperature.
- ▷ If battery output is insufficient, jump leads can be used to start the engine.
Please observe the chapter "EMERGENCY STARTING WITH JUMPER CABLES" on Page 331.

Note on operation

To ensure a good charge condition for the battery and thus its ability to start the engine, all electrical accessories which are not required should be switched off when the ignition is switched on and when engine revolutions are low (in stop and go traffic).

Starting with auxiliary battery

If your vehicle is fitted with an additional battery in the luggage compartment, you have the possibility of starting the engine with the ignition key, even if the main battery fails.

In vehicles with Porsche Entry & Drive:

1. Remove the Porsche Entry & Drive control unit from the ignition lock.
Please observe the chapter "REMOVING THE CONTROL UNIT FROM THE IGNITION LOCK" on Page 59.
 2. Insert the ignition key into the ignition lock and start the engine as described.
- ▷ Please have the cause of the fault remedied at an authorized Porsche dealer.

Stopping

- ▷ Withdraw the ignition key only when the vehicle is stationary, otherwise the steering lock engages and the vehicle cannot be steered.
- ▷ Only switch the ignition off when the vehicle comes to a stop, as there is no steering assistance and brake boost when the engine is switched off.
- ▷ **Always** withdraw the ignition key and engage the parking brake when leaving the vehicle. The control unit **always** remains in the ignition lock in vehicles that have **Porsche Entry & Drive**.

Note on operation

The vehicle battery discharges if the ignition key is left inserted.



Warning!

Danger of injury. Hot engine compartment components can burn skin on contact.

- ▷ Before working on any part in the engine compartment, turn the engine off and let it cool down sufficiently.

Radiator fans

The radiator and radiator fans are in the front of the car.



Warning!

Danger of injury. After the ignition is switched off, the engine compartment and coolant temperatures are monitored for approx. 30 minutes. During this period, and depending on temperature, the radiator fan may continue to run or start to run.

- ▷ Carry out work in these areas only with the engine off and exercise extreme caution.



Parking Brake

The parking brake acts on the rear wheels and serves to secure the car while parked.

- ▷ Use the parking brake only after the vehicle has come to a full stop.

Applying the parking brake

- ▷ Press down firmly on the foot pedal. The warning light in the instrument panel lights up. A message will be displayed on the multi-purpose display of the instrument panel if the parking brake is not released before moving off. If the brake is not fully set, the vehicle may roll without control.
- ▷ Before exiting the vehicle, make sure that the parking brake is fully applied and the vehicle is not moving at all.



Danger!

Risk of serious personal injury or death. A partially engaged parking brake may allow the vehicle to roll, causing serious personal injury or death to any person in its path.

- ▷ Engage the parking brake fully.
- ▷ Please observe the chapter "WARNING LIGHTS AND WARNING MESSAGES" on Page 108.

(P) Releasing the parking brake

- ▷ Press on the footbrake and pull handle **A** of the parking brake. The warning light and the message disappear.



Parking Brake warning light USA



Parking Brake warning light Canada

The warning lights will go out after the parking brake is fully released.

The warning lights are not an indicator that the parking brake is fully applied; it is only intended to be a warning to release the parking brake before driving the car.



Caution!

A partially engaged brake will overheat the rear brakes, reduce their effectiveness and cause excessive wear.

- ▷ Release the parking brake fully.
- ▷ When parking your car, press down firmly on the foot pedal.
- ▷ Move the selector lever to "P" (Tiptronic) or move the gearshift lever to reverse or first gear (Manual transmission).
- ▷ On hills also turn the front wheels towards the curb.

Brakes

- ▷ Make it a habit to check the operation of your brakes before driving.

Keep in mind that the braking distance increases very rapidly as the speed increases. At 60 mph (100 km/h), for example, it is not twice but four times longer than 30 mph (50 km/h). Tire traction is also less effective when the roads are wet or slippery.

- ▷ Therefore, always maintain a safe distance from the car in front of you.

Note

Even though the brake discs consist of alloyed grey cast iron, they will unavoidably start to corrode if your car is parked for an extended period. The brakes will tend to "rub" as a result.

The nature, extent and effects of corrosion depend on the amount of time the vehicle was parked, whether road salt or grit was spread and whether grease-dissolving agents were used in car washes.

If the braking comfort is noticeably impaired, we recommend having the brake system checked by experts at an authorized Porsche dealer.

Brake system function

Your Porsche is equipped with a power assisted hydraulic dual circuit brake system with disc brakes at the front and rear.

Both circuits function independently. One brake circuit operates the front left and rear right wheel and the other operates the front right and rear left wheel.

If one brake circuit has failed, the other will still operate. However, you will notice an increased pedal travel when you apply the brakes. Failure of one brake circuit will cause the stopping distance to increase.



Warning!

Risk of an accident. In the unlikely event of hydraulic failure of one brake circuit:

- Push the brake pedal down firmly and hold it in that position. A mechanical linkage activates the second circuit, and you will be able to bring the vehicle to a stop.
- After bringing your vehicle to a complete stop, avoid driving the vehicle and instead have it towed to the nearest authorized Porsche dealer for repair.

SWK



Brake warning light USA



**Brake warning light
Canada**

The warning light in the instrument panel lights up. A message will be displayed on the multi-purpose display of the instrument panel if the brake fluid level is too low, or (if the brake pedal travel has increased) one of the two brake circuits has failed.

A greater braking pressure will be required, stopping distances will be longer and the braking behavior will change, particularly in curves.

With correctly adjusted brakes and a correctly working brake system, the pedal travel to the point of brake application should be 1-3/16 in. to 1-9/16 in. (30 to 40 mm). Whenever the brake pedal travel exceeds this value, have the brake system checked.

Brake pedal



Warning!

Risk of an accident.

Any obstruction of the brake pedal could increase the stopping distance.

- ▷ Always check the movement of the brake pedal before driving and make sure that it is not obstructed by a floor mat or any other object.
- ▷ Secure the floor mat to prevent it from sliding into positions that could interfere with the safe operation of your vehicle.
Your Porsche dealer will be glad to offer you floor mats of the correct size including a securing possibility.

Note

In case one of the two brake circuits fails, increased pedal travel is required to bring your vehicle to a full stop.



Warning!

To avoid overheating and premature wear of the brakes:

- ▷ Before descending a steep grade, reduce speed and shift the transmission into a lower driving position to control speed.
- ▷ Do not "ride the brakes" by resting your foot on the pedal when not intending to apply brake pressure.
- ▷ Do not hold the pedal down too long or too often. This could cause the brakes to get hot and not function properly.

Brake booster

The brake booster assists braking only when the engine is running.

When the car is moving while the engine is not running, or if the brake booster is defective, more pressure on the brake pedal is required to bring the car to a stop.

Moisture, road salt or grit on brakes affects braking. When the vehicle is driven on salted or gritted roads for extended periods, the brakes should be washed down thoroughly about every 2 weeks. An automatic carwash facility cannot do this job properly. Brakes will dry after a few cautious brake applications.



Warning!

Driving through water may reduce the traction. Moisture on brakes from road water, car wash, or a coating of road salt or grit may affect braking efficiency.

- ▷ Cautiously apply brakes to test brakes after being exposed.

Brake wear

Your car has excellent brakes, but they are still subject to wear. The rate at which they wear depends on how the brakes are used.

- Have the brake system inspected at the intervals recommended in your Maintenance Booklet.



**Brake wear warning light
USA**



**Brake wear warning light
Canada**

The warning light in the instrument panel lights up. A message will be displayed on the multi-purpose display of the instrument panel if the brake pads are worn, excessively.

- Do not continue to operate the vehicle. Have your authorized Porsche dealer inspect or replace the brake pads.
- Please observe the chapter "WARNING LIGHTS AND WARNING MESSAGES" on Page 108.

Brake pads and brake discs

Wear on the brake pads and brake discs depends to a great extent on the driving style and the conditions of use and therefore cannot be expressed in actual miles on the road.

The high-performance brake system is designed for optimal braking effect at all speeds and temperatures.

Certain speeds, braking forces and ambient conditions (such as temperature and humidity) therefore might cause the brakes to squeal.

New brake pads or linings

New brake pads have to be "broken in", and therefore only attain optimal friction when the car has covered several hundred miles or km.

The slightly reduced braking ability must be compensated for by pressing the brake pedal harder. This also applies whenever the brake pads and brake discs are replaced.

 Warning!

- ▷ Do not obstruct the pedal travel with floor mats or other objects.

The brake booster is ready for operation only while the engine is running.
If the engine is switched off or there is a defect in the brake booster, much greater force has to be applied to the pedal when braking.

- ▷ Please observe the chapter "TOWING" on Page 350.

In heavy rain, while driving through water or after leaving a car wash, the braking action may be delayed and increased pressure may be required.

- ▷ For this reason, keep further back from the vehicle in front and "dry" the brakes by applying them at intervals. Make sure that following traffic is not affected.

After a long drive over salted or gritted roads, a coating may form on the brake discs and pads that significantly reduces friction and thus braking action.

- ▷ Therefore, clean the brake discs and pads approx. every 2 weeks with a strong jet of water. The cleaning effect of automatic car washes is insufficient.
To prevent corrosion of the brake discs, "brake them dry" before parking the car.

- ▷ Even though the brake discs consist of alloyed grey cast iron, they will unavoidably start to corrode if your car is parked for an extended period. The brakes will tend to "rub" as a result.

The nature, extent and effects of corrosion depend on the amount of time the vehicle was parked, whether road salt or grit was spread and whether grease-dissolving agents were used in car washes.

If the braking comfort is noticeably impaired, we recommend having the brake system checked by experts at an authorized Porsche dealer.

- ▷ To relieve the braking system on downhill stretches, change down to a lower gear in good time to obtain engine braking.
If engine braking is insufficient on steep stretches, operate the footbrake at intervals. Continuous braking overheats the brakes and reduces the braking effect.
- ▷ Please observe the chapter "BRAKE-FLUID LEVEL" on Page 251.

Instrument Panel USA Models

Warning and indicator lights on the tachometer

-  Emission Control warning light (Check Engine)
-  Airbag warning light
-  Safety belt warning light
-  PSM warning light
-  ABS warning light
-  Cruise control readiness
-  Disengageable anti-roll bars Indicator light

Indicator lights in central instrument panel

-  Turn signal light, left indicator light
-  Turn signal light, right indicator light

Warning and indicator lights on the speedometer

-  Trailer turn signal Indicator light
-  Rear fog light indicator light
-  Tire pressure warning light
-  Differential locking indicator light
-  Brake warning light
-  Fog light indicator light
-  General warning Observe warning message on the multi-purpose display!
-  High beam indicator light

- A Oil temperature gauge
- B Tachometer
- C Clock
- D Clock reset button
- E Cooling system temperature gauge
- F Multi-purpose display
- G Fuel gauge
- H Reset button for trip counter display
- I Speedometer
- J Mileage displays
- K Voltmeter



Instrument Panel Canada Models

Warning and indicator lights on the tachometer

-  Emission Control warning light (Check Engine)
-  Airbag warning light
-  Safety belt warning light
-  PSM warning light
-  ABS warning light
-  Cruise control readiness
-  Disengageable anti-roll bars Indicator light

Indicator lights in central instrument panel

-  Turn signal light, left indicator light
-  Turn signal light, right indicator light

Warning and indicator lights on the speedometer

-  Trailer turn signal Indicator light
-  Rear fog light indicator light
-  Tire pressure warning light
-  Differential locking indicator light
-  Brake warning light
-  Fog light indicator light
-  General warning Observe warning message on the multi-purpose display!
-  High beam indicator light

- A Oil temperature gauge
- B Tachometer
- C Clock
- D Clock reset button
- E Cooling system temperature gauge
- F Multi-purpose display
- G Fuel gauge
- H Reset button for trip counter display
- I Speedometer
- J Mileage displays
- K Voltmeter





Oil Temperature Gauge

A warning message will appear on the multi-purpose display of the instrument panel if the engine oil temperature is too high.

- ▷ Reduce speed and engine load immediately if the red zone is reached.



Tachometer

The start of the red zone on the tachometer scale is a visual warning of the maximum permissible engine speed.

If the red zone is reached during acceleration, fuel feed is interrupted in order to protect the engine.



Cooling System

Temperature gauge

Pointer below 180°F (80°C) – engine cold

- ▷ Avoid high engine speeds and heavy engine loading.

Pointer between 180°F (80°C) and 260°F (100°C) – normal operating temperature

Pointer may move up to the red area when engine is heavily loaded and outside temperature is high.

Engine coolant temperature warning

A warning message will appear on the multi-purpose display of the instrument panel if the engine coolant temperature is too high.

- ▷ Switch engine off and let it cool.
- ▷ Check radiator and air passages in front end of car for obstructions.
- ▷ Check coolant level. Add coolant if necessary. Please have the fault remedied at an authorized Porsche dealer.
- ▷ Please observe the chapter "COOLANT LEVEL" on Page 249.

Note on operation

To prevent excessive temperatures, the cooling air guides must not be restricted by covers (e.g. films, "stone guards").

Engine coolant level warning

A warning message will appear on the multi-purpose display of the instrument panel if the engine coolant level is too low.

- ▷ Switch engine off and let it cool.
- ▷ Top up coolant. Please have the cause of the fault remedied at an authorized Porsche dealer.
- ▷ Please observe the chapter "COOLANT LEVEL" on Page 249.



Caution!

Risk of engine damage.

- ▷ Do not continue driving if the warning persists even when the engine coolant level is correct.
- ▷ Have the fault remedied at your nearest authorized Porsche dealer.



Fuel

Level gauge

When the ignition is on the fuel level is displayed.

- Please observe the chapter "CAPACITIES" on Page 362.

If the vehicle's inclination changes (e.g. going uphill/downhill), minor deviations in the indication may occur.



Fuel reserve warning

When the engine is running, the warning light on the multi-purpose display of the instrument panel lights up if less than 3 gallons (12 liters) of fuel remains in the tank or the range on remaining fuel falls below approx. 30 miles (50 km).

- Fill up at the next opportunity.



A shortage of fuel may cause damage to the emission control system.

- Never drive the tank dry.
- If the warning lights have come on, do not take turns at high speed.
- Please observe the chapter "HOW EMISSION CONTROL WORKS" on Page 264.



Odometer

The upper display counts the total mileage, the lower display counts the short trips.

After exceeding 6213 miles (9999 kilometers), the short trip counter returns to 0.

Resetting the short trip counter to "0"

- Press button **A** for approx. 1 second.



Clock **A** is adjusted on the multi-purpose display:

- ▷ Press button **B**.
The SETTINGS > CLOCK menu is automatically opened on the multi-purpose display.
- ▷ Please observe the chapter "CLOCK" on Page 101.

Clock



Risk of an accident and loss of control.

- ▷ Do not reach through the steering-wheel spokes while driving.
- ▷ In the event of a sudden turn or airbag deployment, serious personal injury could result if hand is positioned through steering wheel spokes.



Voltmeter

The voltmeter indicates the battery voltage.
Normal range: 12 to 16 volts.

The voltage may drop considerably when the vehicle is being started.

If the indicator is continually below 12 volts when the engine is running:

- Please have the battery charging system checked at an authorized Porsche dealer.

Battery/alternator

A warning message will appear on the multi-purpose display of the instrument panel if the voltage drops significantly.

- Stop in a safe place and switch off the engine.

Possible causes

- Defect in the battery charging system
- Broken drive belt



Warning!

Risk of accident and risk of engine damage. A broken drive belt means there is no power assistance to the steering (more effort is required to steer) and engine cooling fails.

- Do not continue driving.
- Have the fault remedied at your nearest authorized Porsche dealer.

Danger of steering assistance failing during a long journey in the water if the drive belt slips.

- If the steering assistance fails, more effort will be required to steer.

Emission Control



Check engine warning light

The emission control system detects malfunctions early that could, for example, cause increased pollutant emissions or consequential damage.

Faults are indicated by the warning light in the instrument panel by being continuously lit or flashing.

The faults are recorded in the control unit's fault memory.

The warning light in the instrument panel lights up when the ignition is switched on as a lamp check and goes out approx. 4 seconds after the engine starts.

The warning light in the instrument panel flashes to indicate operating states (e.g. engine misfiring) which might cause damage to certain parts of the emission control system.

- ▷ In this case, immediately reduce the engine load by easing off the accelerator.
The warning light in the instrument panel is lit continuously after the critical range is left.
- ▷ In order to avoid consequential damage to the engine or emission control system (e.g. catalytic converter) go immediately to the nearest authorized Porsche dealer to have the fault diagnosed and rectified.



Caution!

Risk of damage. If the warning light in the instrument panel continues flashing even when you have eased off the accelerator pedal, the emission control system may overheat.

- ▷ Stop as soon as possible in a safe place.
Make sure that combustible materials, such as dry grass or leaves, cannot come into contact with the hot exhaust system.
- ▷ Switch off the engine.
- ▷ Contact your nearest authorized Porsche dealer to have the fault rectified.

Multi-Purpose Display



Warning!

There is a danger of accident if you set or operate the on-board computer, radio, navigation system, telephone or other equipment when driving.
This could distract you from the traffic and cause you to lose control of the vehicle.

- ▷ Operate the components while driving only if the traffic situation allows you to do so safely.
- ▷ Carry out any complicated operating or setting procedures only with the vehicle stationary.

It is not possible to describe all details of the functions in this Owner's Manual.

The examples clearly demonstrate the functional principle and clarify the menu structure.

As a rule, you can use the menu items:

MAIN MENU > SETTINGS > FACTORY SETTINGS

to return to the basic factory settings.

- ▷ Please observe the chapter "FACTORY SETTINGS" on Page 107.



Readiness for operation

- Ignition is on.

Operation, controls

The multi-purpose display is operated with the rocker switch at the end of the wiper stalk and the RESET switch at the bottom of the wiper stalk.

To move up in the menu

- ▷ Press rocker switch up.

To move down in the menu

- ▷ Press rocker switch down.

To call selected menu line

- ▷ Press RESET switch.

To scroll in the menu

Arrows at the top and bottom of the menu indicate additional entries.

- ▷ Press rocker switch up or down.

In the COMFORT menu, the menu scrolls automatically as you approach the end of the list.

Note on operation

Depending on the equipment of your vehicle, some information or functions may not be available on the multi-purpose display (e.g. navigation, audio system, compass or tire pressure).



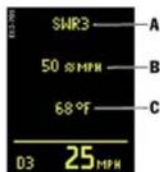
Basic Screens

The following basic screens are available once the ignition has been switched on:

- Main menu
- Range on remaining fuel
- Average speed
- Navigation
- Tire pressure
- Compass

Note on operation

Depending on the equipment of your vehicle, some information or functions may not be available on the multi-purpose display (e.g. navigation, compass, audio system or tire pressure).



Information in the basic screen

The selected basic screen shows the following:

- Top display **A**:
Audio information (e.g. station, frequency, CD)
- Centre display **B**:
Information about range on remaining fuel, average speed, compass, navigation, tyre pressure, or access to main menu
- Bottom display **C**:
Outside temperature indicator (except for compass, navigation, and tyre pressure)



Changing basic screens

- ▷ Operate the rocker switch.

Resetting basic screens

The values can be reset to zero in the basic screens for average speed.

- ▷ Press RESET switch for longer than 1 second.
The value is cleared.

General information

Range on remaining fuel

The range on remaining fuel is continuously recomputed while driving based on fuel level, current consumption and average consumption.

Average speed

The displayed values are based on the distance travelled since the last reset to "zero".

Note on operation

Switching the ignition off does not reset the measurements. Values can thus be collected over long periods. Disconnecting the vehicle battery clears the memories.

Further on-board computer functions can be displayed in the PCM.
Please follow the separate operating instructions for PCM.



Main Menu

- ▷ Operate the rocker switch until the basic screen MAIN MENU is displayed.
- ▷ Press RESET switch.

The submenus are listed:

- MPH limit
- Vehicle info
- Tire pressure
- Settings

Note

It is possible to leave the main menu via the BACK command at any time by confirming the RESET switch.



MPH limit

MAIN MENU > MPH LIMIT

A speed limit can be entered to monitor the driving speed. When it is exceeded, a signal sounds and the message LIMIT EXCEEDED appears in the multi-purpose display.



Accepting current speed

To accept the current speed as the limit:

- ▷ Select CURRENT MPH with the rocker switch.
- ▷ Press RESET switch.
LIMIT ACTIVE is activated automatically.
The selected speed limit is shown.



Preset speed

To accept a target speed as the limit:

- ▷ Select XXX MPH SET with the rocker switch.
- ▷ Press RESET switch.
- ▷ The limit is set in increments of 1 mph (around 1 km/h) by pressing the rocker switch up or down.
If the rocker switch is operated for longer than 2 seconds, the setting is changed to increments of 6 mph (10 km/h).
- ▷ Press RESET switch.
LIMIT ACTIVE is activated.



Activating/deactivating the limit

- ▷ Select LIMIT ACTIVE with the rocker switch.
- ▷ Press RESET switch.



Vehicle info

MAIN MENU > VEHICLE INFO

- ▷ Select VEHICLE INFO with the rocker switch.
- ▷ Press RESET switch.



The following information can be displayed:

- Warnings
All current warnings and messages pertaining to the safety of the vehicle can be displayed.
- Level
The current state of the vehicle's ground clearance can be displayed for vehicles with level control.
- Locks/reduction
The selected driving programs for Low Range/High Range can be displayed.
- Average consumption
The average fuel consumption can be displayed and reset.



Example: Brake pad warning message

Warnings

MAIN MENU > VEHICLE INFO > WARNINGS

NO WARNING is displayed if the vehicle is in perfect condition.
Any warning messages are displayed.

- ▷ Select warnings one after the other with the rocker switch.



Example: Front side light warning message

Returning to the VEHICLE INFO menu

- ▷ Press RESET switch.



Warning messages indicate possible faults.

- ▷ Go to an authorized Porsche dealer immediately.



Level

MAIN MENU > VEHICLE INFO > LEVEL

The ground clearance of vehicles equipped with level control is shown in the LEVEL menu.

Note on operation

- ▷ The level is set using the rocker switch behind the selector lever in the center console.
- ▷ Please observe the chapter "AIR SUSPENSION WITH LEVEL CONTROL AND HEIGHT ADJUSTMENT" on Page 236.

Returning to the VEHICLE INFO menu

- ▷ Press RESET switch.



Locks/reduction

MAIN MENU > VEHICLE INFO >
LOCKS/REDUCTION

The selected driving programs for
Low Range/High Range are displayed.

- Longitudinal lock on/off
- Reduction on/off
- Transverse on/off

Returning to the VEHICLE INFO menu

- ▷ Press RESET switch.

Note on operation

- ▷ The driving program is set using the rocker switch behind the selector lever in the center console.
- ▷ Please observe the chapter "DRIVING PROGRAMS FOR ON-ROAD AND OFF-ROAD DRIVING" on Page 211.



Average consumption

MAIN MENU > VEHICLE INFO > AVERAGE CON-
SUMPTION

The displayed value is based on the distance trav-
elled since the last reset to "zero".

Resetting average consumption

- ▷ Select RESET with the rocker switch.
- ▷ Press RESET switch for longer than 1 second.
The value is set to "-.-".

Tire Pressure

The tire pressure monitoring system monitors the pressure in the four road wheels and warns the driver if the pressure is too low.

The display as well as the settings for tire pressure monitoring are done on the multi-purpose display in the TYRE PRESSURE menu. However the tire pressure must be set manually on the wheel.

The tire pressures to be monitored for tire type are permanently set in the tire pressure monitoring system and cannot be changed.

The driver is solely responsible for filling the tires correctly and for selecting in the multi-purpose display.



Danger!

Risk of serious personal injury or death.

Driving the vehicle with low tire pressure increases risk of a tire failure and resulting loss of control. Furthermore, low tire pressure increases rate of wear of the affected tires.

- ▷ When a flat tire has been displayed, immediately stop in a suitable place and check the tires for damage. If necessary remedy the damages with a tire sealant.
- ▷ Do not by any means continue to drive with leaking tires.
- ▷ Defective tires must be immediately replaced by a specialist workshop.

Tire repairs are not permissible under any circumstances.

- ▷ Sealing the tire with the tire sealant is only an emergency repair, so you can drive to the next workshop. The maximum permitted speed is **50 mph (80 km/h)**.
- ▷ Do not drive with tires whose tire pressure drops again in a short period of time. In cases of doubt, have tires checked by a specialist workshop.
- ▷ If the tire pressure monitoring system is defective (e.g., defective wheel transmitter), contact a specialist workshop immediately and have the damages repaired.
The tire pressure will not be monitored by a defective tire pressure monitoring system.

- ▷ Use only the pressure differences shown in the TYRE PRESSURE menu or from tire pressure messages or warnings when correcting the tire pressure.
- ▷ Tires lose air over time without a tire defect being present. A tire pressure warning will then appear in the multi-purpose display. Correct the tire pressure.
- ▷ The tire pressure monitoring system gives a warning about tire damages due to insufficient tire pressure as well as about a gradual loss of pressure due to foreign objects. The tire pressure monitoring system cannot warn you about tire damages occurring suddenly (e.g., flat tire due to sudden external effects).
- ▷ If a message is displayed, check the tire pressure at the next opportunity.
- ▷ Before fitting tires approved by Porsche which are not stored in the on-board computer, the missing information should be supplemented in the on-board computer.



Tire pressure screen

Indication of tire pressures on the basic screen "Tire pressure"

The basic screen "Tire pressure" shows the current actual values of the tire pressures. These values would be identical to those of a pressure gauge connected to the four valves. These pressures change while the vehicle is being driven.

- The tire pressures increase as the temperature in the tires rises, e.g. during high-speed highway driving.
- The tire pressures decrease as the temperatures drop, e.g. during trips in cold regions (such as mountains).

The pressure changes by around 1.5 psi (0.1 bar) for a temperature change of 50°F (10°C).

The values displayed on the basic screen therefore do not allow conclusions to be drawn about possible pressure deviations.

- ▷ Use only the pressure differences shown in the TYRE PRESSURE menu or from tire pressure messages or warnings when correcting the tire pressure.



Filling information

Tire pressure menu

MAIN MENU > TYRE PRESSURE
(only when vehicle is stationary)

Deviations in the tire pressures from the required pressure are shown in the TYRE PRESSURE menu (filling information). The tire pressure monitoring system takes this relationship between tire pressure and temperature into account.

A "-" in front of the value indicates a pressure loss.

- ▷ The tire pressures must be adjusted to the required pressure.

Example: If the tire pressure display shows "-3 psi", you must increase the tire pressure by 3 psi.



System learning phase

Each time a wheel is changed, the tire pressure monitoring system relearns the tires. The system identifies the wheel positions. The current tire pressures will not be available on the multi-purpose display until the learning phase is complete.

System learning phase

- ▷ Select tire type **and** tire size in the menu TYRE PRESSURE > SETTINGS > TYRES. The learning process is started. The tire type **and** size must be selected even if the settings for the new set of wheels are the same as for the old wheels.

Note

The spare wheel and collapsible spare wheel do not contain a wheel transmitter and are not monitored by the tire pressure monitoring system.

The tire pressures for cold tires (68 °F/20 °C) are shown in the TYRE PRESSURE menu (filling information) during the learning phase. The required pressure for the spare wheel is always displayed in the TYRE PRESSURE menu (filling information).

- ▷ Check the tire pressure for the spare wheel and collapsible spare wheel manually.



Tire pressure menu

MAIN MENU > TYRE PRESSURE

The TYRE PRESSURE menu provides an overview of the current pressure specifications for the respective wheel (filling information). The pressure differences with respect to the required pressure are specified.

If the wheels have not been learned, the current pressures are unavailable.

The spare wheel is not monitored. The required pressure is specified in brackets.

To make changes to the settings of the tire pressure monitoring system, select SETTINGS in the TYRE PRESSURE menu.



Tire pressure settings

MAIN MENU > TYRE PRESSURE > SETTINGS



Incomplete entries on the multi-purpose display affect correct information of warnings and messages.

- After one of the following actions, the settings must be updated in the TYRE PRESSURE menu:
 - Changing a wheel
 - Filling with tire sealant
 - Adding air (after previous warning "Flat tyre")
- Please observe the chapter "SELECTION AFTER WARNING" on Page 97.

The following settings made in this menu serve as the basis on which the tire pressure monitoring system determines the correct pressure.

- **Tyres**
Select the type and size of the tires on the vehicle.
- **Load**
Select the type of loading.
- **System**
Switch tire pressure monitoring on.

Note on operation

Settings can be made only when the vehicle is stationary.



Tire type menu

Tire type

MAIN MENU > TYRE PRESSURE > SETTINGS > TYRE TYPE

The tire type and corresponding tire size are set in the TYRE TYPE menu.

- Summer
- All season
- Winter
- All terrain
- Spare wheel



Selection of tire sizes for summer tires

Example: Selecting summer tires

MAIN MENU > TYRE PRESSURE > SETTINGS >
TYRE TYPE > SUMMER

- ▷ Select tire type with the rocker switch.
- ▷ Press RESET switch.
- ▷ Select tire size with the rocker switch (e.g. 255/55 R 18).
- ▷ Press RESET switch.
The menu returns to TYRE PRESSURE > SETTINGS and shows the current settings.

Note on operation

- ▷ The tire size and type can be found on the tire sidewall.
Please observe the chapter "TIRES/WHEELS" on Page 277.

Note

Before fitting tires approved by Porsche which are not stored in the multi-purpose display, the missing information should be supplemented in the multi-purpose display.

- ▷ Go to an authorized Porsche dealer immediately.

Speed limits for tires



Risk of accident due to excessive speed. This could lead to severe personal injury or death.

- ▷ Always observe the permissible maximum speed of the respective tire.
- ▷ Exceeding maximum tire speed could result in a tire burst, causing loss of control of the vehicle. This could lead to severe personal injury or death.
Moreover, Porsche recommends obeying all traffic laws at all times to maintain the safety of yourself and all vehicle occupants.



Spare wheel selection

Spare wheel

MAIN MENU > TYRE PRESSURE > SETTINGS >
TYRE TYPE > SPARE WHEEL

This menu lists all possible spare wheel types available depending on the equipment of the vehicle.

- Spare wheel
- Collapsible spare wheel
- Sealing set

▷ ▷ ▷

Spare wheel



Risk of accident.

The spare wheel does not contain a wheel transmitter and is not monitored by the tire pressure monitoring system.

- ▷ The spare wheel must be used only over short distances.

- ▷ Please observe the chapter "SPARE WHEEL" on Page 307.

- ▷ Select SPARE WHEEL with the rocker switch.

- ▷ Press RESET switch.
The message SYSTEM NOT ACTIVE, WORKSHOP appears after the RESET switch is pressed.
The display automatically returns to the TYRE PRESSURE menu (filling information).
The required pressure specifications can be read.

- ▷ Select BACK. The menu returns to the basic screen.

The reminder SPARE WHEEL OR SEALING SET OPERATION appears each time the ignition is switched on.

- ▷ Please observe the chapter "" on Page 98.

Collapsible spare wheel



Risk of accident.

The spare wheel does not contain a wheel transmitter and is not monitored by the tire pressure monitoring system.

- ▷ The collapsible spare wheel must be used only over short distances.

- ▷ Please observe the chapter "COLLAPSIBLE SPARE WHEEL" on Page 302.

- ▷ Select COLLAPSIBLE WHEEL with the rocker switch.

- ▷ Press RESET switch.
The required pressure and speed limit for the collapsible spare wheel are displayed at first. This is followed by the message SYSTEM NOT ACTIVE, WORKSHOP.

A warning appears on the multi-purpose display if the speed limit of 50 mph (80 km/h) is exceeded.

The reminder SPARE WHEEL OR SEALING SET OPERATION appears each time the ignition is switched on.

- ▷ Please observe the chapter "" on Page 98.

Tire sealant/sealing set



Risk of accident.

- ▷ Have the tire replaced by a specialist workshop as soon as possible.

- ▷ Avoid hard acceleration and high cornering speeds.

- ▷ Do not exceed maximum speed of 50 mph (80 km/h).

- ▷ Please observe the safety and operating instructions on compressor.

- ▷ Please observe the chapter "TIRE SEALANT" on Page 296.

- ▷ Select SEALING SET with the rocker switch.

- ▷ Press RESET switch.
The display automatically returns to the TYRE PRESSURE menu (filling information).

- ▷ Inflate tires according to the displayed pressure differences.

A warning appears on the multi-purpose display if the speed limit of 50 mph (80 km/h) is exceeded.

SPARE WHEEL OR SEALING SET OPERATION appears each time the ignition is switched on.

- ▷ Please observe the chapter "" on Page 98.



Load

MAIN MENU > TYRE PRESSURE > SETTINGS > LOAD

The tire pressure must be adjusted according to the vehicle load.

- ▷ Please observe the chapter "TYRE PRESSURES, COLD" on Page 361.
- Partial load
up to 3 people and 46 lbs (21 kg) of luggage
- Full load
more than 3 people and 46 lbs (21 kg) of luggage

Selecting load

- ▷ Select type of load with the rocker switch.
- ▷ Press RESET switch. The set load status is shown.

Deviations from the required pressure are shown in the menu TYRE PRESSURE > SETTINGS (filling information).

- ▷ Correct the pressure according to these specifications.



System

MAIN MENU > TYRE PRESSURE > SETTINGS > SYSTEM

Tire pressure monitoring can be switched on or off in the SYSTEM menu.

If tire pressure monitoring is switched off, tire pressures and warnings are not shown. Tire pressure information is not available on the tire pressure monitoring screen either.

Switching on tire pressure monitoring

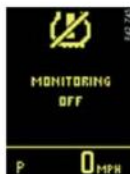
- ▷ Select ON with the rocker switch.
- ▷ Press RESET switch.

The display automatically returns to the menu TYRE PRESSURE > SETTINGS.

- ▷ Check whether the settings in the menu agree with the tires mounted on the vehicle. Correct any incorrect settings before driving the vehicle.
- ▷ Select the tire type **and** tire size in the menu MAIN MENU > TYRE PRESSURE > SETTINGS. The system will re-learn the wheels only if the tire type **and** tire size have been selected.

Switching off tire pressure monitoring

- ▷ Select OFF with the rocker switch.
- ▷ Press RESET switch. The message MONITORING OFF is displayed for 10 seconds. The menu then returns to the basic screen.



"Monitoring off" message

If tire pressure monitoring is deactivated, the message MONITORING OFF appears each time the ignition is switched on.

- ▷ The message is displayed for 10 seconds **or**
- ▷ Press RESET switch.

Tire pressure warnings and messages

The tire pressure monitoring system warns about loss in pressure in two stages, depending on the amount of pressure loss:

Stage 1 – Tyre pressure too low message (3 to 6 psi (0.2 to 0.4 bar) loss in pressure)

Stage 2 – Flat tyre warning (loss in pressure as of 6 psi (0.4 bar))



Warning!

Risk of accident. Tire damage may impair road safety.

- ▷ Stop the vehicle in a suitable place. Check the tires for signs of damage and change them if necessary.

Example: If the tyre pressure display shows „- 3 psi“, you must increase the tyre pressure by 3 psi.

Tires lose air over time without a tire defect being present. The tire pressure monitoring system will then issue a corresponding message or warning.

- ▷ Correct the tire pressure.



Message indicating tire pressure loss

This message indicates a pressure loss of between 3 and 6 psi (0.2 and 0.4 bar) if the wheel positions have not been identified.

This message appears when the vehicle is stationary and the ignition is switched on again.

- ▷ The message is displayed for 10 seconds **or**
- ▷ Press RESET switch.

Note on operation

- ▷ Correct the tire pressure at the next opportunity. When correcting the tire pressure, add only the pressure differences shown in the **‘Tyre pressure’** menu.



Message indicating tire pressure loss for a wheel

The system has identified the wheel positions. The deviation from the required pressure is displayed for the corresponding wheel.

This message indicates a pressure loss of between 3 and 6 psi (0.2 and 0.4 bar).

This message appears when the vehicle is stationary and the ignition is switched on again.

- ▷ The message is displayed for 10 seconds **or**
- ▷ Press RESET switch.

Note on operation

- ▷ Correct the tire pressure at the next opportunity. When correcting the tire pressure, add only the pressure differences shown in the **‘Tyre pressure’** menu.



Message indicating a flat tire while the system is learning

This warning message indicates a flat tire with a pressure loss of at least 6 psi (0.4 bar). The system has not identified the wheel positions yet; the tire pressures are not displayed.

This warning cannot be acknowledged.

- Stop the vehicle in a suitable place. Check the tires for signs of damage and change them if necessary.

When the vehicle is stationary, the screen changes to SELECTION AFTER WARNING.

- Please observe the chapter "SELECTION AFTER WARNING" on Page 97.



Message indicating a flat tire after the learning phase has been completed

This warning message indicates a flat tire with a pressure loss of at least 6 psi (0.4 bar). The system has identified the wheel positions. The deviation from the required pressure is displayed for the corresponding wheel.

This warning cannot be acknowledged.

- Stop the vehicle in a suitable place. Check the tires for signs of damage and change them if necessary.

When the vehicle is stationary, the screen changes to SELECTION AFTER WARNING.

- Please observe the chapter "SELECTION AFTER WARNING" on Page 97.



Selection after warning

When the vehicle is stationary after a tire pressure warning, the screen changes to SELECTION AFTER WARNING.

- ▷ In the menu, select the task performed.

Adding air

- ▷ After inflating the wheel in question, select ADD AIR.
The display returns to the basic screen after acknowledgement.

For vehicles without air suspension

- ▷ Please observe the chapter "REDUCING FILLING PRESSURE ON VEHICLES WITHOUT AIR SUSPENSION" on Page 304.

For vehicles with air suspension

- ▷ Please observe the chapter "REDUCING TIRE PRESSURE ON VEHICLES WITH AIR SUSPENSION" on Page 306.

Wheel change

- ▷ For changing a wheel, select menu item WHEEL CHANGE.
The display returns to the SPARE WHEEL menu after acknowledgement.
- ▷ Select spare wheel type.
- ▷ Please observe the chapter "SPARE WHEEL" on Page 91.
- ▷ Please observe the chapter "LIFTING THE VEHICLE WITH A JACK" on Page 298.

Sealing set

- ▷ After repairing the flat with the tire sealant, select menu item SEALING SET.
- ▷ Please observe the chapter "TIRE SEALANT" on Page 296.
- ▷ Please observe the chapter "TIRE SEALANT/ SEALING SET" on Page 92.

The display returns to the basic screen after selecting SEALING SET.

A warning appears on the multi-purpose display if the speed limit of 50 mph (80 km/h) is exceeded.

Note on operation

If you make a selection without performing the action described in the selection, the message CAUTION – FLAT TYRE – CHECK TYRES will appear again.

- ▷ Check the tires for signs of damage and fill or change them if necessary.



Warning "When vehicle stops: Hit selection"

If you drive off after changing a wheel or inflating the tires and neglect to make a selection in the screen SELECTION AFTER WARNING, the following message will appear: WHEN VEHICLE STOPS: HIT SELECTION

- ▷ The next time you stop the vehicle, perform the settings in the "Selection after warning".



Wheel change message

The WHEEL CHANGE? CHECK SETTINGS message appears after a wheel change, if the tire type and tire size of the new tires have not been set in the TYRE PRESSURE > SETTINGS menu.

When the vehicle is stationary, the display changes to SELECTION AFTER WARNING.

- ▷ Please observe the chapter "SELECTION AFTER WARNING" on Page 97.
- ▷ Select WHEEL CHANGE. The menu automatically changes to TYRE TYPE.
- ▷ Select the appropriate tire type **and** tire size. Only if the tire type **and** size are selected will the tire pressure monitoring system re-learn the tires.



Message "Spare wheel or sealing set operation"

The message SPARE WHEEL OR SEALING SET OPERATION? appears after switching on the ignition if a spare wheel type (spare wheel, collapsible spare wheel, or sealing set) was set.

- ▷ Select YES or NO with the rocker switch.
- ▷ Press RESET switch.

Yes:

- In case of sealing-set operation, the menu changes directly to the basic screen. All settings are retained.
- If the vehicle is operated with a collapsible spare wheel or spare wheel, the warning message "SYSTEM NOT ACTIVE, WORKSHOP" is initially displayed for 10 seconds. The system then returns to the basic screen.

No:

The display automatically returns to the menu TYRE PRESSURE > SETTINGS.

- ▷ Set the mounted tire set with tire type **and** tire size. The system will re-learn the tires.

No monitoring

In the event of faults the tire pressure monitoring cannot monitor the tire pressure. The warning light on the instrument panel and a message on the multi-purpose display light up.

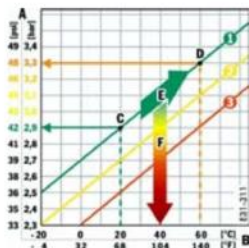
Monitoring is not active when:

- the tire pressure monitoring system is faulty,
 - wheel transmitters for the tire pressure monitoring system are not present,
 - temporarily after changing a wheel,
 - has detected too many wheel transmitters,
 - there is external interference by other radio sources, e.g., wireless headphones,
 - tire temperatures are too high.
- ▷ Please observe the chapter "WARNING LIGHTS AND WARNING MESSAGES" on Page 108.



Tire pressure monitoring system warning light

- ▷ All warnings and messages in the tire pressure monitoring system are also indicated by the warning light in the instrument panel. The warning light goes out as soon as all faults are remedied.



Pressure increase as the result of temperature increase

- A - Tire pressure
- B - Tire temperature
- C - Tire pressure for cold tires
- D - Tire pressure for hot tires
- E - Pressure increase as the result of temperature increase
- F - Pressure drop in faulty/leaking tires
- 1 - Required pressure line
- 2 - Notification of tire-pressure loss (from -3 to -6 psi/-0.2 bar to -0.4 bar)
- 3 - Flat-tire warning (as of -6 psi/-0.4 bar)

In accordance with physical principles, the air pressure changes as the temperature changes. The tire pressure increases or decreases by around 1.5 psi (0.1 bar) for a temperature change of 50°F (10°C).

Tire pressure specifications

The tire pressure must match the prescribed value (required pressure).

You can find information on the tire pressure for cold tires (68°F/20°C):

- In the TYRE PRESSURE menu (filling information):
As a deviation from the required pressure for each wheel if the system has learned the values.
- In the TYRE PRESSURE menu (filling information):
As a required pressure for each axle if the system has not learned the values.
- And in the front left door aperture for each wheel.
- ▷ Please observe the chapter "TIRE PRESSURES, COLD" on Page 361.

Insufficient tire pressure can cause tires to overheat and thus be damaged – even invisibly. Hidden tire damage is not eliminated by subsequently correcting the tire pressure.

- ▷ Please observe the chapter "TIRES/WHEELS" on Page 277.



Settings

MAIN MENU > SETTINGS

The following functions can be selected in the main menu SETTINGS:

- Clock
- Compass
- Comfort (only with vehicle stationary)
- Lights (only with vehicle stationary)
- Units (only with vehicle stationary)
- Language (only with vehicle stationary)
- Factory settings (only with vehicle stationary)



Clock

MAIN MENU > SETTINGS > CLOCK

To set the clock:

- ▷ Select time with the rocker switch.
- ▷ Press RESET switch.
- ▷ Select the hours or minutes display with the rocker switch.
- ▷ Press RESET switch.
- ▷ Set the time in increments of 1 h or 1 min.
- ▷ Press RESET switch.



To select 12 h mode:

- ▷ Select 12 h MODE with the rocker switch.
- ▷ Press RESET switch.

Note on operation

There is also a button on the instrument panel to call the CLOCK menu.

- ▷ Please observe the chapter "CLOCK" on Page 77.

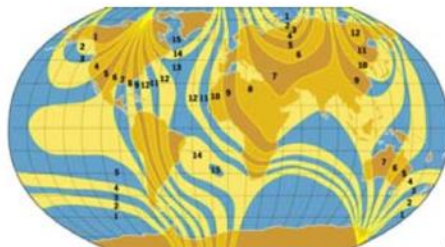


Compass

MAIN MENU > SETTINGS > COMPASS

If you drive your vehicle across the magnetic field zone set on the multi-purpose display, you must enter your current zone in the COMPASS menu (see illustration).

- ▷ Enter the corresponding zone in increments of 1 using the rocker switch.
- ▷ Press RESET switch.



891-072

Calibrating

In rare cases, external disturbances may necessitate calibration of the compass. The warning message "CAL." appears on the multi-purpose display.

- ▷ To calibrate the compass, follow the displayed instructions DRIVE IN A FULL CIRCLE.

The system automatically returns to the screen after successful calibration.



Comfort

MAIN MENU > SETTINGS > COMFORT

The COMFORT menu offers the following submenus:

- Alarm
- Door opening
- Mirrors
- ▷ Select the entry with the rocker switch.
- ▷ Press RESET switch.

Note on operation

Comfort settings can be made only when the vehicle is stationary.



Alarm

MAIN MENU > SETTINGS > COMFORT > ALARM

The passenger compartment monitoring system and the inclination sensor (protection against towing) can be temporarily deactivated in the ALARM menu.

When locked again, the ultrasound passenger compartment monitoring system and inclination sensor are activated once more.

- ▷ Please observe the chapter "COMFORT FUNCTION WHEN UNLOCKING THE VEHICLE" on Page 30.
- ▷ Please observe the chapter "TEMPORARILY DEACTIVATING ULTRASOUND PASSENGER COMPARTMENT MONITORING SYSTEM AND INCLINATION SENSOR" on Page 28.



Passenger compartment

The alarm is triggered if motion is detected in the interior with the doors closed (e.g. if a window is broken in a theft).

- ▷ Select INTERIOR with the rocker switch.
- ▷ Press RESET switch.
This activates/deactivates passenger compartment monitoring.

Inclination

The alarm is triggered if the vehicle is raised markedly at one end with the doors closed (e.g. theft attempt by towing).

- ▷ Select ANGLE with the rocker switch.
- ▷ Press RESET switch.
This activates/deactivates the inclination sensor.



Door opening

MAIN MENU > SETTINGS > COMFORT > DOOR OPENING

Locking and unlocking of the doors and the form of response when the vehicle is locked can be set individually and stored on the respective radio remote control. **To do this:**

1. Select the desired setting with the rocker switch.
2. Press RESET switch.
3. Switch ignition off.
4. Close the driver's door.
5. Lock the vehicle with the radio remote control (button **1**).
The settings are now stored on this radio remote control.



Doors

MAIN MENU > SETTINGS > COMFORT > DOOR OPENING > DOORS

Door unlocking can be set on an individual basis.

Single door

Only the driver's door is unlocked.
The door of the access side is unlocked in vehicles equipped with Porsche Entry & Drive.

Vehicle side

Both doors on the driver's side are unlocked.
The doors on the access side are unlocked in vehicles equipped with Porsche Entry & Drive.

All

All doors are unlocked.

Tailgate

When the TAILGATE function is active, rear access (rear lid, rear window and spare wheel bracket) is included in the central locking system.
Access is possible when the vehicle is stationary and unlocked.

At speeds higher than 4 mph (6 km/h), release is blocked until, with the vehicle stationary:

- A door is opened **or**
- The button in the driver's door is pulled.

When the TAILGATE function is deactivated, access is possible only:

- Using the button in the driver's door **or**
- With button **2** of the remote control.

Auto lock

If the AUTO LOCK function is active, the doors lock automatically when the vehicle exceeds 4 mph (6 km/h).

Note on operation

Automatically locked doors can be unlocked with the central locking button and opened by pulling on the inside door handle **twice**.

- Please observe the chapter "UNLOCKING" on Page 22.

Auto unlock

When the AUTO UNLOCK function is active, the doors unlock automatically when the ignition key is withdrawn (or when the ignition is switched off in vehicles equipped with Keyless Entry & Drive).



Signal

MAIN MENU > SETTINGS > COMFORT > DOOR OPENING > SIGNAL

If the function is active, opening of the door is confirmed by the emergency flashers flashing.

- Select TURN SIGNALS with the rocker switch.
- Press RESET switch.



Mirrors

MAIN MENU > SETTINGS > COMFORT > MIRRORS

When this function is active, the mirrors move simultaneously and in the same direction.

- Select SYNCHRONISING with the rocker switch.
- Press RESET switch.



Lighting

MAIN MENU > SETTINGS > LIGHTS

You can set the duration the headlights remain on after the vehicle is locked.

- ▷ Select OFF DELAY with the rocker switch.
- ▷ Press RESET switch. The set coming home time is active.
- ▷ Select time with the rocker switch and press the RESET switch.
- ▷ You can use the rocker switch to set an off-delay time (Coming Home function) ranging from 15 to 90 seconds. The time is set in increments of 15 seconds.
- ▷ Press RESET switch.



Units

MAIN MENU > SETTINGS > UNITS

The UNITS menu offers the following options:

- Speedometer
Select unit for speedometer:
mph, km/h
- Consumption
Select unit for fuel consumption:
l/100km, mpg (USA), mpg (UK), km/l
- Temperature
Select unit for temperature: °F, °C
- Tyre pressure
Select unit for pressure: psi, bar

- ▷ Select the desired item with the rocker switch and the RESET switch.
- ▷ Activate or deactivate the desired units with the RESET switch.



Language

MAIN MENU > SETTINGS > LANGUAGE

- ▷ Select language with the rocker switch.
- ▷ Press RESET switch.

Note on operation

Changing the language will affect the entire multi-purpose display.



Factory settings

MAIN MENU > SETTINGS > FACTORY SETTINGS

All settings made (Clock, Compass, Comfort, Lights, Units, Language) can be reset to the factory settings.



Resetting

- ▷ Select RESET with the rocker switch.
- ▷ Press RESET switch.

Note

This will delete all personal settings selected up to this point.

Warning Lights and Warning Messages

If a warning message appears, always refer to the corresponding chapters in this Owner's Manual.

Instrument panel	Multi-purpose display	Text display	Meaning/measures
		Steering faulty	Steering lock engaged. Have the fault remedied at an authorized Porsche dealer.
		Ignition lock faulty	Do not continue driving. Have the fault remedied at an authorized Porsche dealer.
		System fault – Workshop	Have the fault remedied at an authorized Porsche dealer.
		Key not recognised in vehicle	Make sure that you have the remote control with you.
		Turn ignition key to left for 2 seconds	Engage the steering lock.
		Key: replace battery	Replace the remote-control battery.
		Move the steering wheel	Turn the steering wheel so that the steering wheel lock can engage/disengage.
		Key not found	Make sure that you have the remote control with you.
		Switch selector lever to position "P".	Tiptronic S: The vehicle could roll away. The ignition key can be withdrawn only in selector lever position P .
		Apply the brake	Apply the brake when starting.
		Move selector lever to position "P" or "N"	Tiptronic S: The vehicle can be started only in position P or N .
		Applying the clutch	Manual transmission: Apply the clutch when starting.
		Immobiliser active	Have the fault remedied at an authorized Porsche dealer.

Instrument panel	Multi-purpose display	Text display	Meaning/measures
		Check left cornering light	Check bulb.
		Check right cornering light	Check bulb.
		Check dipped beam	Check bulb.
		Check trailer lights	Check bulb.
		Check direction indicators	Check turn signal bulb.
		Check brake lights	Check bulb.
		Check high beam	Check bulb.
		Check number plate light	Check bulb.
		Check fog lights	Check bulb.
		Check reversing lights	Check bulb.
		Check tail lights	Check bulb.
		Check front side lights	Check bulb.
		Check headlight beam adjustment	Have the fault remedied at an authorized Porsche dealer.
		Daytime driving lights off	Daytime driving lights switch off when the engine is shut off. Switch on lights if necessary.
		Airbag faulty	Have the fault remedied at an authorized Porsche dealer.
		Safety belt	Fasten safety belt.

Instrument panel	Multi-purpose display	Text display	Meaning/measures
		Warning – Flat tire – Check tires	Stop in a suitable place and check the tires. Change wheel if necessary.
		Check spare wheel – Required pressure: 50 psi/3.4 bar	Appears about every 6 months. Check if the pressure of the mounted spare wheel matches the required pressure, as it is not monitored electronically.
		Tire pressure too low – Add air	System detects a pressure loss of at least 2.9 psi (0.2 bar). Correct tire pressure at the next opportunity.
		Collapsible spare wheel/sealing set max. 50 mph (80 km/h)	Observe maximum permitted speed.
		Collapsible spare wheel 51 psi/3.5 bar max. 50 mph (80 km/h)	Information on driving with a collapsible spare wheel. Observe maximum speed of max 50 mph or 80 km/h and required pressure of 51 psi or 3.5 bar.
		System not active	Indication when spare wheel or collapsible spare wheel is used or tire pressure monitoring system is faulty. Consult a qualified specialist workshop. Select new set of wheels in the Tire pressure menu after changing the wheels.
		System not active – Brief disturbance	External interference (e.g., wireless headphones) or excessive temperature (over 248 °F/120 °C) at the wheel transmitters. Tire pressure monitoring system will reactivate itself.
		System not active – Too many wheel transmitters	Tire pressure monitoring system detects more than 4 wheel transmitters (winter wheels in the luggage compartment, for example). System will reactivate itself.
		No monitoring – System learning	After the tire type and size are selected in the tire pressure menu, the system re-learns the tires.
		Wheel change? Check settings	Display after a wheel change without changed settings in the tire pressure menu. Select tire type and size.