

Dear Owner,

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

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 #11, Suite 302
Mississauga, Ontario
Canada L4W 4Y4

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

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.

Tire Pressures for Cold Tires

Summer tires and snow tires

Front 32 psi (2.2 bar) overpressure

Rear 39 psi (2.7 bar) overpressure

These tire pressures are valid only for Porsche approved tires.

For replacement tires it is imperative that you consult the Technical Data and Tires, Wheels sections of this manual and follow the recommendations contained therein.

Porsche and the Environment

Environmental guidelines

We develop and produce exclusive sports cars with advanced 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

The manufacture of Porsche vehicles in a factory adjacent to a residential area requires more than mere compliance with all laws and regulations.

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

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

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

And the water used in the painting installation is re-circulated. Waste water leaves the Porsche factory only after being appropriately treated.

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

Environmentally friendly vehicles

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

These have 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 note the chapter "Fuel Economy".

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

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

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

- Identification of all materials.
- Use of recyclable materials.
- Reusable components designed for simple removal.
- These reasons result in a further increase in the recycling rate which is currently 80 per cent.

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.

Any fault messages are indicated to the driver by the "Check Engine" warning light and the on-board computer.



Important safety notes

Motor racing is a term we associate with fascination and emotion.

On the one hand,

On the other hand, there's the technology that makes this fascination possible.

Your new 911 GT2 has been developed with experience gained from the development and use of countless GT vehicles, and has been equipped with technical preconditions that facilitate use away from public roads in motor racing.

Depending on use, it can be possible or necessary to adapt the vehicle to the respective conditions. In the case, it must always be taken into account that a modern high-performance sports car represents a complex system with individual components that are carefully adjusted to work together perfectly.

Interfering in this system is only an option if it can be guaranteed that all of the components will continue to work together in a manner adjusted to the actual conditions of use. Well-founded specialist knowledge is necessary for this. You should seek advice from your authorized Porsche dealer.

Here, you will receive information about sports parts available from Porsche, their reliability on public roads and important maintenance notes.

Please bear in mind that use on race tracks subjects all vehicle components to considerably more wear than normal use, making professional inspection and maintenance after each use a vital precondition for functioning and safety.

Please use only Original Porsche Parts for your car. These parts are available from your authorized Porsche dealer, which is conversant with the range of approved parts and will be pleased to advise you further.

Porsche accepts responsibility, in accordance with its legal obligations, for Genuine Porsche Parts and for parts and accessories which it has approved for your car. However, the use of other parts or accessories which are neither Genuine Porsche Parts nor approved by Porsche may adversely affect the safety of your car, and Porsche can take no responsibility for any loss or damage caused by their use.

Even if the supplier of other accessories or parts is a recognised supplier, the safety of your car may still be affected if such items are installed. Due to the large variety of products offered in the accessory market it is not possible for Porsche to inspect and approve every one.

In addition, please note that the use of replacement parts which are not Genuine Porsche Parts or approved parts or the use of accessories not approved by Porsche may also detrimentally affect the Warranties relating to your car.

Technical modifications

Modifications may be carried out on your vehicle only if approved by Porsche.

This ensures that your Porsche will remain reliable and safe to drive, and that it will not be damaged as a result of the modifications.

Your authorized Porsche dealer will be pleased to advise you.

Coverings

Do not affix any coverings (e.g. films or "stone guards") in the area of the headlights and air intakes. Damage due to excessive temperatures and abrasion could result.

Motor racing

For reasons of safety, the braking system, steering, running gear, wheels and tires of your car should be checked after every race.

On public highways, the running gear and rear spoiler must be in the standard position.

Please observe the chapter "Emergency switches".

Power transmission, brakes

The differential lock, which was designed for use in motor sport, may make a slight noise when maneuvering and on tight corners.

The noise-damping dual-mass flywheel is not installed in the Club Sport version. Louder gearbox noise may therefore occur in idling and light throttle conditions.

The braking system was designed for use in motor sport. Brake squeal is therefore possible, depending on the speed, braking force and ambient conditions (e.g. temperature, humidity).

Ground clearance

Please bear in mind the limited ground clearance of your car on uneven surfaces, when parking (curbs), on ramps, lifting platforms, etc.

Aerodynamic components

To benefit from the high driving performance without impairing the driving safety or the service life of the vehicle components, certain vehicle parts must be always fully operational while driving.

Regularly check your vehicle for signs of damage.

Damaged, worn or missing aerodynamic components such as spoilers or underside panels affect driving behaviour and must therefore be replaced immediately.

To optimise the cooling of the PCCB brake discs, large air brake spoilers are fitted to the front and rear running gear control arms.

If these air-brake spoilers are not fitted and there is a high thermal demand on the braking system, the service life of the PCCB brake discs could be reduced.

The aerodynamic stability of the vehicle is influenced considerably at high speeds by the front lip.

Due to the **small ground clearance** required for the optimisation of the driving behaviour, the front lip and the air-brake spoilers have to be placed in exposed positions to fulfil their function. They can be **damaged**, for example by ground or curbstone contact.

Seating

Your car has two seats.

The area behind the seats is not intended for passengers.



Severe personal injury or death can result in the event of an accident.

- Never allow anyone to sit in the area behind the seats.

Operation of communication systems and equipment while driving



Warning!

There is a danger of an accident if you operate or set 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 equipment 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



Danger!

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



Danger!

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.

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Controls, Instruments

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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 all exterior and interior lights for operation and that the lenses are clean.

- ▷ Check air intake slots and area between luggage compartment lid and windshield to make sure that they are free of snow and ice, so the heater and the windshield wipers work properly.
- ▷ 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 air-bag 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.
See warnings on "Engine Exhaust".
- ▷ When parked, always set the parking brake. Move the gearshift lever to reverse or first gear.
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 1000 miles (1600 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 1000 miles (1600 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 1000 miles (1600 km).

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

Break in brake pads

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.

New tires

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

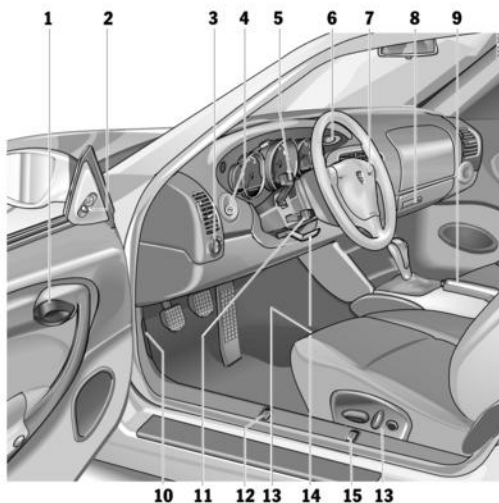
- Break in new tires by driving at moderate speeds during the first 60 to 120 miles (100 to 200 km). Longer braking distances must be anticipated.

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.



- 1 Inner door handle
- 2 Door mirror control
- 3 Light switch
- 4 Ignition/starter switch with steering lock
- 5 Turn signal/headlight dimmer, flasher lever
- 6 Emergency flasher switch
- 7 Horn
- 8 Glove compartment
- 9 Parking brake
- 10 Diagnostic socket
- 11 Operating lever for on-board computer
- 12 Luggage compartment lid release
- 13 Seat adjustment
- 14 Steering-wheel adjustment
- 15 Engine compartment lid release

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.



Warning!

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.



Warning!

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.
- ▷ Remove ignition key.
- ▷ Engage steering lock.
- ▷ Lock storage tray between the seats and glove compartment.
- ▷ Remove valuables (e.g. car documents, radio control module, telephone, house keys) from the car.
- ▷ Lock doors.

Keys

Please note chapters "Central Locking and Alarm System".

Two main keys and one spare key are supplied with your Porsche.

These keys operate all the locks on your vehicle.

- ▷ Be careful with your car keys: do not part with them except under exceptional circumstances.
- ▷ To avoid battery run-down, always remove the ignition key from the ignition lock.

Replacement keys

Replacement car keys can be obtained only from your authorized Porsche dealer, and this can sometimes be very time-consuming.

You should therefore always keep the 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 car control unit by your authorized Porsche dealer.

The key grip of the spare key can be exchanged for a main-key grip.

Disabling key codes

If a key is lost, the key codes can be disabled by an authorized Porsche dealer.

All the remaining car keys are required for this purpose.

Disabling the code ensures that the car can be **started** only using authorized keys.

Note

Please note that the other locks can still be opened with the disabled key.

Immobilizer

There is a transponder (an electronic component) in the key grip, containing a stored code.

When 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.

Note

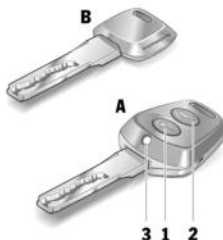
If the ignition is left on for more than two minutes without starting the engine, the immobilizer is reactivated.

- ▷ If this happens, the ignition key must be turned back to the "0" position before the engine can be started.

The immobilizer is automatically activated when the ignition key is withdrawn.

Security Wheel Bolts

If wheels have to be removed during a workshop visit, do not forget to hand over the socket for the security wheel bolts along with the car key.



- A** - Main key
1 - Central locking button
2 - Luggage compartment lid button
3 - Light-emitting diode
B - Spare key

Key with Radio Remote Control

Operating central locking and alarm system

- Press button **1**.

Please observe the appropriate chapters of this Manual.

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Unlocking luggage compartment lid

- Press button **2** for approx. two seconds.

If the vehicle was locked before the luggage compartment is opened, it is unlocked simultaneously with the luggage compartment. The vehicle will be locked again approx. 15 seconds after the luggage compartment is closed if none of the doors was opened.

Note

Your authorized Porsche dealer can program further types of luggage compartment unlocking.

Type 1

The relocking time of the doors can be adjusted to suit your individual requirements:
 4 - 120 seconds.

Type 2

The doors stay locked when the luggage compartment is unlocked.

The remote-control standby function switches off after 5 days

If the vehicle is not started or unlocked with the remote control within **five days**, the remote control standby function is switched off (to prevent discharging of the vehicle battery).

1. In this case, unlock the driver's door with the key at the door lock.
 Leave the door closed in order to prevent the alarm system from being triggered.

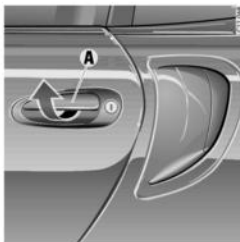
2. Press button **1** on the remote control.

The remote control is now activated again.

Doors

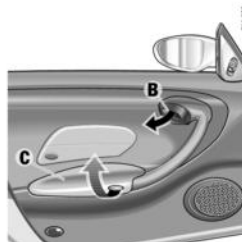
If the door windows are closed, they will be automatically opened by a few millimeters when the doors are opened and, when the doors are closed, they will be closed again. This makes it easier to open and close the doors and protects the seals.

Therefore, you should pull the door handle slowly so that the door window can be lowered before the door is opened.



Opening unlocked doors from outside

- ▷ Slowly pull door handle **A**.



Opening unlocked doors from inside

- ▷ Slowly pull door handle **B**.

Opening locked doors from inside

- ▷ Slowly pull door handle **B** twice.
Also refer to the chapter "Locking conditions".

Door storage tray

Always keep the door storage tray **C** closed, so that the side airbag is not obstructed in the event of an accident.

Central Locking

USA: FCC ID LXPBK 116;
FCC ID LXPVIM 145

Canada: TxP 315P 2255 102 275;
RxP 315P 2255 102 276 A

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.

See the chapter on "Load switch-off" and "Power windows".

Both car doors and the filler flap can be centrally unlocked or locked with the remote control.

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

A short **signal from the alarm horn** will draw your attention to the fact that the following components are not completely closed when you try to lock the vehicle:

- Passenger's door
- Luggage compartment lid
- Engine compartment lid
- Storage tray
- Glove compartment

Note

Unlocking the vehicle by using the key in the door lock and opening the door may activate the alarm system within 10 seconds.

Automatic relocking

If the car is unlocked by remote control and none of the car doors is opened within approx. 60 seconds, automatic relocking takes place. This relocking time can be adapted to your individual requirements (4 - 120 seconds) by an authorized Porsche dealer.

Locking conditions

- ▷ Lock car **once**.
The doors cannot be opened from the outside.
Alarm system and infrared passenger compartment monitoring are switched on.

If a person or animal remains in the vehicle:

- ▷ Quickly lock car **twice**.
The doors cannot be opened from the outside.
The infrared passenger compartment monitoring is switched off.

Unlocking the door with the inner door handle

Any person remaining in the locked car can open the door with the inner door handle:

1. Pull inner door handle once to unlock door lock.
2. Pull inner door handle again to open door.

Note

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

Emergency operation – opening

- ▷ Unlock the driver's door with the key at the door lock.
Open the door and switch the ignition on within 10 seconds in order to prevent the alarm system from being triggered.

Emergency operation – closing

- ▷ Quickly turn the key in the driver's door lock to the lock position **three times** in succession.
If there is a defect in the central locking system, all functioning elements of the central locking system will be locked.
The alarm system is switched on.
The infrared passenger compartment monitoring system is switched off.

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

Indication by emergency flasher and alarm horn

If the **remote control** is used for unlocking or locking, a response is provided by the emergency flasher:

- Unlocking – single flash.
- Locking – double flash.
- Locking twice – continuous illumination for approx. 2 seconds and short alarm-horn signal.



Central locking switch

The central locking switch on the dashboard lets you lock and unlock both doors electrically.

Note

If the doors are locked with the key or remote control, they can not be opened by pressing the central locking switch.

Locking

- ▷ Press the rocker-switch symbol.
Indicator light lights up if ignition is on.

Unlocking

- ▷ Press the rocker-switch indicator light.
Indicator light goes out.

If the doors were locked with the central locking switch, they can be opened by pulling the inner door handle:

1. Pull inner door handle once to unlock door lock.
2. Pull inner door handle again to open door.

▷ ▷ ▷

Automatic door locking

Your authorized Porsche dealer can program diverse types of automatic door locking in the control unit of the central locking system:

Type 1

Doors lock automatically when the ignition is switched on.

Type 2

Doors lock automatically when a speed of 3 - 6 mph (5 - 10 km/h) is exceeded.

Type 3

Doors lock automatically when the ignition is switched on. If doors are opened with the engine running, they lock again automatically when a speed of 3 - 6 mph (5 - 10 km/h) is exceeded.

Type 4

The doors do not lock automatically.

Note

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



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.

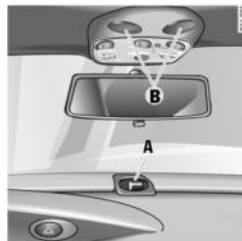
- Unlock the doors by pressing the central locking button **or**
- pull the inside door handle **twice** to open the door.

Fault indication

A double **horn signal** during locking indicates a defect in the central locking or alarm system. Have the defect remedied at an authorized Porsche dealer.

Overload protection

If the central locking system is operated more than ten times within a minute, further operation is blocked for 30 seconds.



A - Light-emitting diode for alarm system

B - Sensor module for infrared passenger compartment monitoring system

Alarm System, Infrared Passenger Compartment Monitoring

The alarm system and infrared passenger compartment monitoring system are switched on when the doors are locked with the key or remote control.

See the chapter on "Central locking".

Unlocking the vehicle by using the key in the door lock and opening the door may activate the alarm system within 10 seconds.

Function indication

If the alarm system is activated, light-emitting diode **A** on the dashboard flashes.

If, after locking, the light-emitting diode does not flash or, after ten seconds, it emits double flashes, then **not** all alarm contacts are closed. Additionally, a brief horn signal sounds.

When the doors are unlocked, the alarm system and infrared passenger compartment monitoring system are switched off and the light-emitting diode goes off.

When the alarm is armed, the following areas are monitored

- Doors
- Luggage compartment lid
- Engine compartment lid
- Radio
- Glove compartment
- Storage tray between the seats
- Passenger compartment

If one of these alarm contacts is interrupted, the alarm horn sounds for approximately 3 minutes. Additionally, the emergency flasher and the passenger compartment light flash for approximately five minutes.

When the alarm is triggered, the light-emitting diode changes over to double flashes.

In order not to limit the action range of the infrared passenger compartment monitoring system:

- ▷ Move sun visors to one of the final positions.
- ▷ Do not fold the front seat backrests forward.

Deactivating the infrared passenger compartment monitoring system for one locking process

If a person or animal remains in the car while it is locked, the infrared passenger compartment monitoring system must be switched off.

▷ Quickly lock car **twice**.

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

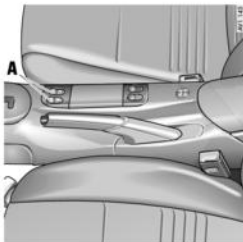
1. Pull inner door handle once to unlock door lock.
2. Pull inner door handle again to open door.

Note

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

Fault indication

A double **horn signal** during locking indicates a defect in the central locking or alarm system. Have the defect remedied at an authorized Porsche dealer.



Power Windows



Warning!

Risk of an accident.

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

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 to shut off power to the window switches when the vehicle is not attended by a responsible person.

Readiness for operation of power windows

- With engine running **or**
- in ignition key position **1** **or**
- with door closed and ignition key withdrawn: only until first opening of the door.



Opening windows

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

One-touch operation

- ▷ Press rocker switch **A** briefly. Window moves to its final position. Press again to stop the window in the desired position.

Comfort function when unlocking the vehicle

- ▷ Unlock car with the remote control. Hold car key in door lock in the unlocking direction until the windows have reached the desired position.



Closing windows

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

One-touch operation

- Press rocker switch **A** briefly.
Window moves to its final position.
Press again to stop the window in the desired position.

Comfort function when locking the vehicle at the door lock

- Hold car key in door lock in the locking direction until the windows have reached the desired position.

Anti-crushing protection

If a side window is blocked during closing, it will stop and open again by about an inch.



Risk of severe personal injuries.

If the rocker switch is pressed again within 10 seconds of the window being blocked, the window will close with its full closing force. Anti-crushing protection is disabled.

- Once the anti-crushing protection acts to stop the window and opens it slightly, do not press the rocker switch again within 10 seconds without checking to make sure that nothing is blocking the path of the window.
The window will close with full closing force.

One-touch operation is disabled for 10 seconds after blockage of a side window.

Automatic window lowering

See the chapter on "Doors".

The standby function of the power windows switches off after two hours

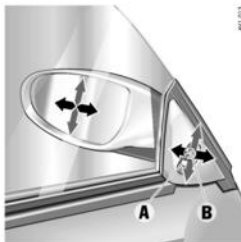
When the car is unlocked, the power windows can no longer be operated after two hours (to save the car battery).

- Switch on the ignition or start the engine to reactivate the power windows.

Storing end position of the windows

If the battery is disconnected and reconnected, the windows will not be raised automatically when the door is closed.

1. Close the windows with the rocker switch **once**.
2. Press front half of rocker switch again to store the end position of the windows in the control unit.



A - Selector switch, driver's/passenger's side
B - Mirror adjustment

Rear View Mirrors

Before driving the vehicle, adjust the outside and inside mirrors.
It is important for safe driving that you have good vision to the rear.



Warning!

Risk of an accident.

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

AM1 013

Door mirrors

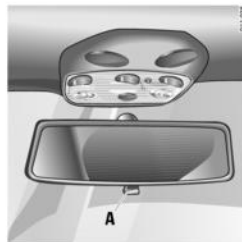
The mirror housing is hinged and can be folded flat against the car to prevent damage in the tight parking areas.

Adjusting

1. Select driver's side or passenger's side with rocker switch **A**.
2. Move the door mirror glasses in the appropriate direction using the control switch **B**.

If the electrical adjustment facility fails

- ▷ Adjust mirror by pressing on the mirror face.



DM1 028

Inside mirror

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

Basic position: lever forward
Anti-glare position: lever back



Switching on

- Press the rocker-switch symbol.
Indicator light is lit.

After about 12 minutes, the heater switches off automatically.
The heater can be switched back on again by a further press on the switch.

Switching off

- Press the indicator light in the rocker switch.



Rear Window Defogger, Door Mirror Heating

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

Seats Adjustment



Warning!

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 in an accident.

- Do not operate the car with the driver or passenger backrests excessively reclined (see "Seat position").

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

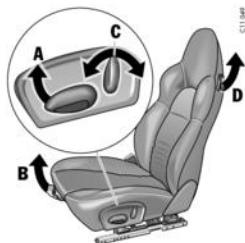
- Do not adjust seats while the vehicle is in motion. The backrest locks must be engaged at all times while the vehicle is in motion.

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.



A - Seat height adjustment

- Raise locking lever.
- Set the desired seat height by shifting your body weight.
- Release the lever.

B - Fore and aft

- Raise locking lever. Move seat to desired position and release lever. Ensure that the seat engages correctly.

C - Backrest angle

- ▷ Operate switch until the desired backrest angle is reached.

Seat backrest

Folding forward

- ▷ Pull up lever **D** in the side part of the backrest and fold the backrest forward.

Folding back

- ▷ Tilt back and engage the backrest so that it cannot tip forward when the car is braked.

Steering Wheel Adjustment



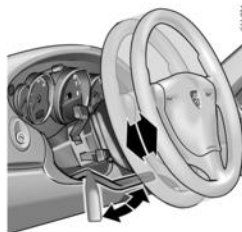
Warning!

Risk of accident.

The steering wheel may move further than desired if you attempt to adjust it while driving.

You may lose control of the vehicle.

- ▷ Do not adjust the steering wheel while driving.



Longitudinal adjustment

1. Push locking lever downwards.
2. Adjust steering wheel to fit the chosen backrest angle and seat position by moving the steering wheel longitudinally.
3. **Swivel locking lever back until you feel it engage.**
If necessary, move steering wheel slightly longitudinally, to ensure engagement.

Safety Belts



Warning!

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.

- ▷ 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 (see also "Car care instructions").
- ▷ 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 an impact, fastened seat belts are tightened in an accident.

The belt tensioners are triggered by:

- Front and rear impacts

The belt tensioners are not triggered by:

- Side impacts
- Vehicle overturning

Note

The belt tensioner system can be triggered only once; the system must be replaced afterward. 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.

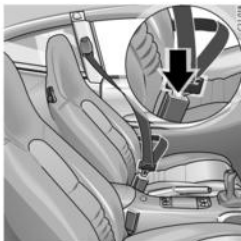


Safety Belt Warning System

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 the driver and passenger to buckle up.

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



Inertia reel retractor

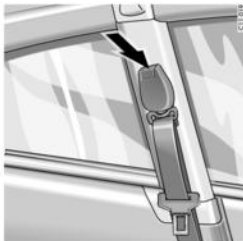
The combination lap/shoulder belt with inertia reel locking mechanism adjusts automatically to your size and movements as long as the pull on the belt is slow.

Rapid deceleration during hard braking or a collision locks the belt. The belt will also lock when you drive up or down a steep hill or in a sharp curve, otherwise, the shoulder belt will not inhibit your upper body movement.

- ▷ Assume a comfortable sitting position. The shoulder belt should always rest on your upper body. The shoulder belt should never be worn behind your back or under your arm.
- ▷ To fasten, grasp belt and pull the belt in a continuous slow motion across your chest and lap.
- ▷ Insert belt tongue into buckle on inboard side of seat. Push down until it securely locks with an audible click. Pull the belt to check.
- ▷ Pull shoulder section to make sure belt fits snugly across the pelvis.
- ▷ Belts should fit snugly across the pelvis and chest. Make sure there is no slack in the belt.
- ▷ To unfasten belt, push in release button (arrow) on buckle. Belt tongue will spring out of buckle.
- ▷ To release a latched belt, lean back to take the body pressure off the belt.
- ▷ To store lap/shoulder belt, allow the belt to retract as you guide the latch to its stowed position.

Please note chapter "Automatic locking retractor".

▷ ▷ ▷



Automatic locking retractor

The safety belt for the passenger seat is 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.

Safety belt height adjustment

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

Adjusting belt height

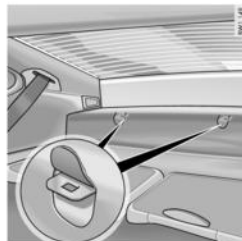
- > Up – push belt deflector.
- > Down – press button (arrow) and move belt deflector.

Child Restraint Anchorages (Canada Models)

Please note chapter "Automatic locking retractor".

If your child restraint seat or seats require the use of a tether strap, you will want to use the anchor points 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.



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. They are not designed to withstand loads imposed by adults.



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.

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.



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.

The airbag deactivation device installation requires special programming available only from your authorized Porsche dealer.

Your authorized Porsche dealer will be glad to advise you about the installation possibility for a Porsche child restraint system which allows deactivation of the passenger's airbags.



The use of a child restraint system in the passenger seat without airbag deactivation 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 passenger seat unless the passenger airbags are deactivated.

Rearward facing child restraint system:

- ▷ Use only in the passenger seat.
- ▷ Use in passenger seat only with the Porsche child restraint system with airbag deactivation capability.
When using the Porsche child restraint system you **must** ensure that the passenger airbags are deactivated.

Forward facing child restraint system:

- ▷ If you must place a forward facing child restraint system in the passenger seat, the passenger airbags must be deactivated.



Example: Rearward facing child restraint system

In order to deactivate the passenger's airbags, the belt tongue of the child's seat must always be inserted in the buckle "A" in front of the passenger seat.

When the ignition is switched on, deactivation of the airbags is indicated by the airbag warning light flashing for 60 seconds.

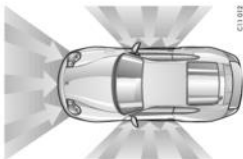
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Danger!

If the light does not flash, the airbags are not deactivated and a child restraint system must not be installed.

- ▷ Have the fault remedied immediately by an authorized Porsche dealer.



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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.
See shown figure for ranges of effectiveness.

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 always wear safety belts (in many states, state law requires the use of safety belts). See also the chapter "Safety Belts".

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

The side airbags (POSIP - **Porsche Side Impact Protection System**) are installed in the doors under the door trim panel.

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, whilst simultaneously damping the motion of the driver and passenger in the impact direction in the event of a frontal impact or side impact.



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 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 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 cause inflation.
- ▷ If the warning light comes on, the airbag system should be repaired immediately by your authorized Porsche dealer.

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 light

The central triggering unit monitors the operational readiness of the airbag system and the warning light.

Any malfunctions that may occur will be indicated by the warning lights in the instrument panel and on-board computer.

▷ **In the following cases you should immediately consult an authorized Porsche dealer in order to assure the airbag system is functioning properly:**

- Illumination of the airbag warning light during travel or repeated illumination longer than 5 seconds after the ignition circuit is turned on.
- Illumination fails to light up during ignition circuit activation.

If the airbags on the passenger's side are switched off by the **child restraint system**, or if an installed child restraint system is detected when the ignition is switched on, the warning light **flashes** for 60 seconds when the ignition is on.



Danger!

If the light does not flash, the airbags are not deactivated and a child restraint system must not be installed.

- ▷ Have the fault remedied immediately by an authorized Porsche dealer.

Airbag maintenance

In order to ensure long-term functioning, the airbag system must be inspected by an authorized Porsche dealer after 4, 8 and 10 years from the date of manufacture shown on the safety compliance sticker, and every 2 years thereafter.

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 at the sun visors, as well as on all airbag components.

For special recommendations on the use of child restraints, please refer to the chapter on "Child Restraint Systems".

Clutch Pedal

The clutch pedal must be depressed fully before the starter will engage.



Warning!

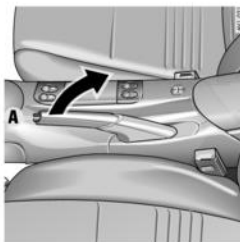
Risk of an accident.

- Always check the movement of the clutch 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.

To avoid damage to the clutch and transmission:

- Always depress the clutch pedal fully when changing gears.
- Do not hold the car on a steep grade with the clutch pedal partially depressed.

Should the free travel of the clutch pedal suddenly become bigger, it could mean a malfunction of the clutch. See your Porsche dealer for correction.



Parking Brake

Parking brake force is mechanically transferred to the rear wheels by means of cables.

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

Setting the parking brake

- Pull the lever **all the way up** (see arrow). With the ignition on, the parking brake warning lights in the instrument panel and on-board computer will come on if the lever is even slightly raised. A firm pull upward is required to properly engage the parking brake. If the brake is not fully set, the vehicle may roll without control.
- Move the gearshift lever to reverse or first gear.
- Before exiting the vehicle, make sure that the parking brake is fully set and the vehicle is not moving at all.

Releasing the parking brake

- Pull the lever slightly up as you depress the release button **A**, and then push the lever all the way down.



Parking brake warning light USA



Parking brake warning light Canada

The warning lights in the instrument panel and on-board computer will go out after the parking brake is fully released.

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



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, always set the parking brake by pulling all the way up on the lever.
- ▷ Move the gearshift lever to reverse or first gear.
- ▷ On hills also turn the front wheels towards the curb.

Brakes

Please note chapter "Aerodynamic components".

- ▷ 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 or 100 km/h, for example, it is not twice but four times longer than 30 mph or 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.

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 and the other operates the rear.

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.

▷ ▷ ▷



Brake warning light USA



Brake warning light Canada

If the warning lights in the instrument panel and on-board computer go on while driving, the brake fluid level may be too low, or (if the brake pedal travel has increased) one of the two brake circuits may have 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 actuation should be 1-3/16 in. to 1-9/16 in. or 30 to 40 mm.

Whenever the brake pedal travel exceeds this distance, 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 gear or 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 or road salt on brakes affects braking. When the vehicle is driven on salted 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.



Driving through water may reduce traction. Moisture on brakes from road water, car wash, or coating of road salt 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.



Warning light USA



Warning light Canada

If the warning lights in the instrument panel and on-board computer stay on when the engine is running or come on while driving, the brake pads are worn, excessively.

- ▷ Do not continue to operate the vehicle. Have your authorized Porsche dealer inspect or replace the brake pads.

Brake pads

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 use in motor sport. Certain speeds, braking forces and ambient conditions (such as temperature and humidity) therefore might cause "brake noises".

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.

ABS Brake System (Antilock Brake System)

The ABS system represents a major contribution to the enhancement of active safety in your vehicle. This system prevents the wheels from locking in a panic stop on almost all road surfaces.

With the ABS system in your vehicle, the following areas are enhanced:

Steering, vehicle remains steerable under all braking forces when ABS is engaged.

Good directional control, no swerving caused by locking of wheels under braking conditions.

Shorter stopping distance, stopping distances are usually reduced because controlled braking is maximized.

Prevention of wheel lock up, no brake-induced sliding and thus no localized tire wear from emergency braking.

The crucial advantage of the ABS system over a conventional brake system is in the area of maintaining directional control and maneuverability of the car in emergency situations during normal driving, including panic braking in turns.



Warning!

The increased control that is provided should not induce you to take greater risks with your safety. The limits dictated by the laws of physics cannot be overcome, even with ABS.

The risk of accidents due to inappropriate speed cannot be reduced, even by the ABS. The driver bears the responsibility for all driving maneuvers.

▷ Adapt your driving style to the prevailing road and weather conditions.

▷ Obey all traffic laws.

Other vehicles not equipped with the ABS system may not be able to maintain control, especially on wet or poor road surfaces and thus may be more likely to impact you from behind.

▷ To minimize that risk, use your ABS system to increase your ability to maneuver to avoid dangerous situations and not merely to try to stop in the shortest distance possible.

Operation of the ABS system

A wheel speed sensor is mounted to each of the four wheels. If wheel lock-up of either of the front wheels or the rear wheels is sensed during braking, the brake pressure is adjusted automatically until the wheel no longer slips. The brake pressure is regulated for each front wheel individually and for both of the rear wheels together.

On a road surface which is slippery on only one side, the rear wheel which is braking on the slippery surface determines the brake pressure which will be applied equally to both rear wheels. This ensures that directional stability is maintained. However, if braking forces approach the wheel lock-up point for all wheels (panic braking) the ABS system will intervene to provide a rapid rhythmic braking. The proper operation of ABS is perceived by the driver as a pulsating brake pedal in conjunction with audible noise and perhaps some vibration.

- If you experience these sensations while driving on a road surface with questionable traction, reduce vehicle speed appropriate for the prevailing road conditions.

The functional readiness of all the main electrical components of the ABS is checked by an electronic monitoring system both before and while you drive.



Warning light USA



Warning light Canada

When the ignition is switched on, the ABS warning light will light up while the system is electronically interrogated and goes out when the engine is started if the check is not yet complete.

If the ABS warning lamp fails to go out, this indicates that ABS has been deactivated due to a fault. If the warning lights in the instrument panel and on-board computer light up while you are driving, this indicates that a fault has occurred. In both cases, normal braking, as in vehicles without ABS, is still retained.

The ABS system should, however, be examined at an authorized Porsche dealer immediately to prevent the occurrence of further faults.

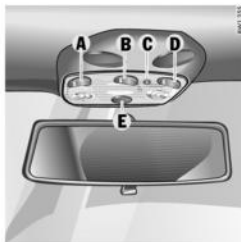
- If the ABS system becomes inoperative, take your vehicle to your authorized Porsche dealer immediately.



Warning!

The control unit of the ABS brake system is set for standard tire size. If non-standard tires are installed, the control unit may misinterpret the speed of the vehicle, because of the variant data it receives from the sensors on the axles.

- Use only tire makes and types tested by Porsche.



A, D - Switch for reading light on driver's / passenger's side
B - Interior light switch
C - Orientation light switch
E - Orientation light

Interior lights in vehicles without automatic anti-glare mirrors

Please observe the chapter "Load switch-off".

Interior light, reading lights

Switching off

- ▷ Press left half of switch.

Switching to continuous illumination

- ▷ Press right half of switch.

Switching on and off automatically

- ▷ Move switch to center position.

The lights are **switched on** when a door is unlocked or opened or when the ignition key is withdrawn from the ignition lock.

The lights are **switched off** with a delay of approx. 30 seconds after the door is closed. The light goes out immediately as soon as the ignition key is inserted in the ignition lock or the vehicle is locked.

Orientation light

Light-emitting diodes in the doors and in the interior light improve your orientation inside the vehicle when it is dark.

The light-emitting diodes are switched on when the vehicle is unlocked and switched off again when the vehicle is locked.

Light-emitting diode in the interior light

Changing the brightness of the light-emitting diode:

- ▷ Press switch **C** with a pointed object (such as a ball-point pen).
The brightness changes.



Footwell Lights

The lights are switched on automatically when a door is opened and go out with a delay of approx. 30 seconds after the door is closed.

Switching to continuous illumination

- Press the rocker-switch symbol in the center console.
Indicator light comes on.

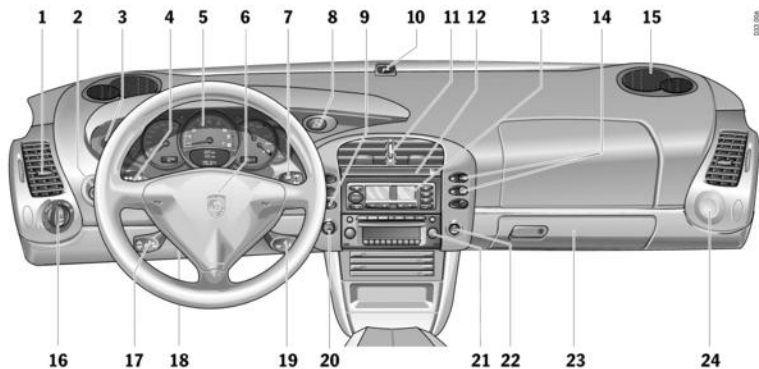
The light between the sun visors and the door guard lights are switched on additionally. The lights are automatically switched off after approx. 12 minutes in order to save the vehicle battery.

The lights can be switched back on by pressing the rocker switch again.



Switching lights off

- Press the indicator light in the rocker switch.



Operation, Instruments

- 1 Side vent
- 2 Ignition/starter switch with steering lock
- 3 Space for hands-free microphone for telephone
- 4 Turn signals/
headlight dimmer/flasher lever
- 5 Instrument panel
- 6 Horn
- 7 Windshield wiper/washer lever
- 8 Emergency flasher switch
- 9 Rocker switch for footwell light
- 10 Readiness display for alarm system
- 11 Central vent
- 12 Cupholder
- 13 Control panel for heating, ventilation,
air conditioning
- 14 Rocker switches for central locking,
rear window and door mirror heating,
- 15 Speaker
- 16 Light switch
- 17 Operating lever for on-board computer
- 18 Locking lever for steering-wheel adjustment
- 19 Operating lever for automatic speed control
- 20 Wipe interval control
- 21 Radio
- 22 Cigarette lighter
- 23 Glove compartment
- 24 Interior temperature sensor



Ignition/Starter Switch with anti-theft Steering Lock

For your safety, fasten safety belts.

See also the chapter on "Immobilizer".

Before starting the engine

- ▷ Apply the handbrake.
- ▷ Move the gearshift lever into neutral.
The clutch pedal must be depressed fully before the starter will engage.

Switch position 0

The ignition key can be withdrawn in this position only.

The steering is locked when the key is withdrawn.

- ▷ Engage the steering lock by moving the steering wheel to the left or right.
Turn the steering wheel to the locking position before you switch off the engine so that you don't have to exert yourself when locking or unlocking the steering.

Switch position 1

Ignition is on.
All electrical equipment can be switched on.
The warning lights light up for a lamp check.
Please note the description of the individual warning lights.

- When turning the key to position **1**, relieve the steering lock with a slight steering movement.

Note

To conserve battery power at low rpm (traffic jams, town driving etc.), switch off all electrical consumers which are not needed at that moment.

Switch position 2

Starting the engine

- Turn the key from position **1** to position **2**.

The clutch pedal must be depressed fully before the starter will engage.

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.

If the engine does not start at the first time or stalls at any time, the key must be returned to position **0**.

When the engine is running, the warning lights should go off. If a light does not go off, take appropriate action as indicated in this manual.

Switching engine off

- Turn the ignition key from position **1** to position **0**.



Warning!

Risk of an accident.

The steering wheel will lock and will cause loss of steering.

- Never remove key from the ignition lock or turn the key off while the vehicle is moving.
- To avoid battery run-down, always remove the ignition key from the ignition lock.
See also the chapter on "Battery".
- Turn the steering wheel until the steering lock is engaged.

Gong

If you leave the key in the ignition/steering lock, a gong will sound when the driver's door is opened. This is a reminder to remove the key.

Starting Procedures

See also the chapter on "Immobilizer".

Warning!

Serious injury may result if you are involved in a collision without having fastened the safety belts.

- Fasten safety belts before driving away.

Before starting the engine

- Apply the handbrake.
- Move the gearshift lever into neutral.
The clutch pedal must be depressed fully before the starter will engage.

Temperature sensors on the engine automatically provide the correct fuel/air mixture required for starting.

Therefore, it is **not necessary to depress the accelerator pedal** while starting a cold or a warm engine.

- As soon as the engine starts, release the ignition key.

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.

If the engine fails to start after 10 or 15 seconds of cranking:

- Wait about 10 seconds before engaging the starter again.
- Do not let the engine idle to warm up.
- When starting the engine, be ready to drive immediately.
Drive vehicle at moderate speeds and avoid engine speeds above 4,200 rpm during the first 5 minutes.

Danger!

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.

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 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.
- 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.

Stopping engine

- Turn key back to position 0.
- Do not stop engine immediately after hard or extended driving.
Keep engine running at increased idle for about two minutes to prevent excessive heat build-up before turning off engine.
- To avoid battery run-down, always remove the ignition key from the ignition lock.
- Make sure that when you leave the car, even briefly, you have withdrawn the ignition key.
- Engage the steering lock by moving the steering wheel to the left or right.
Turn the steering wheel to the locking position before you switch off the engine so that you don't have to exert yourself when locking or unlocking the steering.



Warning!

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.

Engine-compartment blower, radiator fans

The radiators and radiator fans are in the front of the car.
The engine-compartment blower is mounted on the engine compartment lid.



Warning!

Risk of injury.

The engine-compartment blower always runs when the ignition is switched on. After the ignition is switched off, the engine compartment and coolant temperatures are monitored for approx. 20 minutes. During this period, and depending on temperature, the engine-compartment blower and radiator fans may continue to run or start to run.

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

Automatic garage door

The ignition system in your Porsche may interfere with your electronically operated garage door.

- To check this, drive your Porsche close to the garage door. Make sure not to interfere with the operating range of the door.
- Run the engine at different speeds.

If the garage door opens or closes without you operating the garage door unit in your car, contact the dealer who installed the automatic garage door to have the frequency and/or coding of the garage door signal changed or modified.



Instrument Panel USA Models

Information about individual indicators is given on the specified pages.

- 1 Voltmeter, **58**
- 2 Speedometer with analogue display, **60**
- 3 Speedometer with digital display, **60**
- 4 Automatic speed control indicator light, **58**
- 5 Tachometer, **61**
- 6 Turn signal indicator light, left, **61**
- 7 High beam indicator light, **61**
- 8 On-board computer, **78 – 90**
- 9 Turn signal indicator light, right, **61**
- 10 Light sensor for instrument illumination, **59**
- 11 Clock, **64**
- 12 Cooling system
Temperature gauge, warning light, **62**
- 13 Fuel
Level gauge, warning light, **63**
- 14 Engine oil pressure gauge, **65**

Warning lights/indicator lights

- A Washer fluid level warning light, **123**
- B Check engine warning light, **66**
- C ABS warning light, **45**
- D Brake fluid level warning light, **42, 89, 116**
- E Parking brake warning light, **41**
- F Brake pad wear warning light, **43**
- G Engine oil pressure warning light, **65**
- H Battery warning light, **58**
- I Safety belt warning light, **32**
- K Airbag warning light, **39**
- L Luggage compartment lid/
engine compartment lid warning light, **97**

When the ignition is switched on, the warning lights light up for a lamp check.

Note

Warnings that have been given are stored in the appropriate control unit memory and can be read out at an authorized Porsche dealer.

This information can help to warn you about situations which may be hazardous to you or your car.



Instrument Panel Canada Models

Information about individual indicators is given on the specified pages.

- 1 Voltmeter, **58**
- 2 Speedometer with analogue display, **60**
- 3 Speedometer with digital display, **60**
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Voltmeter

Indicates the battery voltage.
Normal range: 12 to 16 volts.

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

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

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

Battery

Warning light

The warning light in the instrument panel comes on when ignition is switched on and must go off when engine is running.

If the warning lights in the instrument panel and on-board computer come on while the engine is running or while driving:

- Stop the car in a safe place and stop the engine.

Possible causes

- Defect in the battery charging system.
- Broken drive belt.

Warning!

Risk of an 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 coolant pump function will stop.

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



A - Adjustment button for instrument illumination and trip counter

Automatic Speed Control

Indicator light

Indicates automatic speed control readiness.

Instrument Illumination

The illumination is automatically adjusted to the ambient brightness by the light sensor in the tachometer.

In addition, when the car lights are switched on, the instrument and switch symbol brightness can be manually adjusted.



Warning!

Risk of an accident, personal injury and loss of control.

- Do not reach through the steering-wheel spokes while driving.



Dimming instrument illumination

- Turn adjustment button **A** in the appropriate direction and hold it until the desired brightness has been reached.
The chosen level of brightness is indicated by a bar display in the display field of the on-board computer.

Trip Odometer



Warning!

Risk of an accident, personal injury and loss of control.

- Do not reach through the steering-wheel spokes while driving.

Resetting to zero

- Press adjustment button **A** for approximately one second **or**
- Reset the distance in the "SET" menu of the on-board computer.
Refer to the chapter "On-board computer".

After exceeding 6213 miles or 9999 kilometers, the counter returns to "0".



A - Adjustment button for change-over between kilometers/miles

Speedometer

The digital speedometer is integrated in the pointer instrument.
The indication changes from mph to km/h when the units are changed from miles to kilometres.

Changing over between Miles / Kilometers

You can use adjustment button **A** to change the units of the distance and speed displays in the on-board computer and digital tachometer.

Warning!

Risk of an accident, personal injury and loss of control.

- Do not reach through the steering-wheel spokes while driving.

Switching between units

- With the ignition on, hold adjustment button **A** turned to the left for approx. 5 seconds.

Note

The units of the distance and speed displays can also be changed in the "SET" menu of the on-board computer.