



911 Turbo

Owner's Manual

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Porsche Cars North America, Ltd. and its affiliates believe the specifications to be correct at the time of printing. However, specifications, standard equipment and options are subject to change without notice. Some options may be unavailable when a car is built. Some vehicles may be shown with equipment that is not available in the US and Canada. Please ask your dealer for advice concerning the current availability of options and verify the optional equipment that you ordered. Porsche recommends safety belt usage and observance of traffic laws at all times.

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Orientation guides in the Owner's Manual

The orientation guides in the Owner's Manual are highlighted in yellow.

Overall Table of Contents

At the start of the Owner's Manual you will find an overview of the overall contents of the Owner's Manual.

Section Contents

There is a summary of topics with the corresponding page numbers at the beginning of each main chapter.

Index

There is a detailed, alphabetical index at the end of this Owner's Manual.

Safety instructions in the Owner's Manual

For your own protection and longer service life of your car, please heed all operating instructions and special warnings. 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, serious personal injury or death.

Various types of safety instructions are used in this Owner's Manual.



DANGER Serious Injury or Death

Failure to observe safety instructions in the "Danger" category will result in serious injury or death.



WARNING Possible Serious Injury or Death

Failure to observe safety instructions in the "Warning" category could result in serious injury or death.



CAUTION Possible Moderate or Minor Injury

Failure to observe safety instructions in the "Caution" category can result in moderate or minor injury.



NOTICE

Possible Vehicle Damage

Failure to observe safety instructions in the "Notice" category could result in damage to the vehicle.



Information

Additional information, tips and instructions are indicated by the word "Information". Please read this information carefully and follow the instructions.

Dear Owner,

Thank you for choosing a Porsche 911 Turbo. No other car embodies such a unique blend of legendary heritage and cutting edge innovation. For maximum safety and pleasure, we encourage you to read the Owner's Manual and take time to familiarize yourself with the operation of your Porsche vehicle before you drive it.

Always drive within your own unique capabilities as a driver and ensure that anyone else driving your Porsche vehicle does the same. To prevent or minimize injury, always use your safety belts and always lawfully operate your Porsche vehicle.

Always keep your Owner's Manual in the car. If you sell your Porsche vehicle, pass the Owner's Manual and other operation manuals on to the new owner.

Should you have any questions regarding the operation or maintenance of your vehicle, please call 1-800-PORSCHE or contact your authorized Porsche dealership.

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 call the Vehicle Safety Hotline toll-free at 1-888-327-4236 (TTY: 1-800-424-9153); go to

<http://www.safercar.gov>;

or write to:

Administrator, NHTSA, 1200 New Jersey Ave, SE, Washington, DC 20590.

You can also obtain other information about motor vehicle safety from <http://www.safercar.gov>.

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.

⚠ WARNING

Alteration or Misuse of Vehicle

Any alteration of the vehicle may negate or interfere with those safety features built into the vehicle. Modifications may be carried out on your vehicle only if approved by Porsche.

Your Porsche is intended to be used in a safe manner obeying the local traffic 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.
- ▷ Do not alter your Porsche. Any alteration could create dangerous conditions or defeat safety engineering features built into your car.

NOTICE

Risk of damage to the engine due to inadequate supply of oil.

The fitting of racing tires (e.g. slicks) for sporting events is not approved by Porsche. Very high cornering speeds can be achieved with racing tires. However, the resulting transverse acceleration values would jeopardize the adequate supply of oil to the engine. Porsche therefore will not accept any warranty or accept any liability for damage occurring as a result of non-compliance with this provision.

- ▷ Do not fit racing tires (e.g. slicks) for sporting events on your vehicle.

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.

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

5925 Airport Road
Suite 420
Mississauga, Ontario
Canada, L4V 1W1

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

Sport tires

Sport tires (ultra high performance tires) are approved for use on public highways and comply with all statutory requirements and safety criteria. The design of the tire is also geared towards use on racing circuits (driver safety training courses, sports driving schools, Club Sport events) and provides distinct advantages here in terms of dry grip and wear compared to conventional road tires.

The major features are a reduced tread depth and a special tread pattern and carcass.

The design features of this sports tire result in the following effects compared with other summer tires when used under normal driving conditions:

- Sport tires have a smaller tread depth, and thus can reach their wear limit sooner.
As with all tires, the attainable mileage depends on the individual driving style and the conditions of use.
- Exercise caution when driving on wet roads, paying special attention to hydroplaning situations (stagnant water, puddles, lane grooves). Sport tires have a lower tread depth than normal tires and you must therefore adapt speed accordingly when driving on wet surfaces.
- The driver's skill level must be commensurate with the vehicle performance levels in the upper range limits, due to increased safety risks in the upper range limits.
- ▷ Sport tires are not suitable for use in cold, snowy or icy conditions. At outside temperatures below 45 °F (7 °C) change to snow tires.
- ▷ Notify anyone using your car of these characteristics and possible effects.

⚠ DANGER

Loss of Road Surface Contact, Control over the Vehicle and Braking Ability

The reduced tire tread depth means that there is an increased risk of aquaplaning on wet roads.

- ▷ When driving on wet or mud-covered roads reduce speed significantly.

⚠ DANGER

Worn Tires

Sport tires have a smaller tread depth, and thus can reach their wear limit sooner. It is important to check tire wear frequently to avoid risk of serious personal injury or death from worn tires.

- ▷ Check tire wear frequently.

Driving on Race Circuit (e.g. Sports Driving Schools, Club Sport Events)

Brake fluid, brake pads and brake disks

Brake fluid absorbs moisture from the air over time. This accumulation of water lowers the boiling point and can impair braking action if the brakes are subjected to high temperatures, such as can occur on race circuits (sports driving school, Club Sport events).

The brake fluid should therefore not be more than 12 months old if the vehicle is driven on race circuits (sports driving school, Club Sport events).

- ▷ For more information, see the "Maintenance" booklet.
- Wear on the brake pads and brake disks depends to a great extent on the driving style and driving conditions. Wear on the brake components is increased as a result of high temperatures, such as can occur on race circuits (sports driving school, Club Sport events).
- ▷ Before and after driving on race circuits (e.g. sports driving school, Club Sport events), it is important therefore to carry out a professional inspection of the brake pads and brake disks for wear.

Racing tires

The fitting of racing tires (e.g. slicks) for sporting events is not approved by Porsche.

Very high cornering speeds can be achieved with racing tires. The resulting transverse acceleration values would jeopardize the adequate supply of oil to the engine.

Porsche therefore refuses to accept any guarantee or liability for damage occurring as a result of non-compliance with this provision.

Setting and operating vehicle components when driving

⚠ WARNING

Operating Components While Driving

Setting or operating the multi-function display, radio, navigation system, telephone or other equipment when driving could distract you from the traffic. You could lose control of the vehicle resulting in serious personal injury or death.

- ▷ 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.

Engine Exhaust

DANGER

Engine Exhaust
Inhalation

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.

WARNING

California
Proposition 65

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.

Hot Exhaust Pipes

WARNING

Hot Exhaust Pipes

The exhaust pipe is hot when the vehicle is running and remains hot for some time after the vehicle is turned off.

- ▷ To prevent injury, make a point of noting where your vehicle's exhaust pipe is, avoid placing your legs near the exhaust pipe, and closely supervise children around the vehicle during time when the exhaust pipe could be hot. A hot exhaust pipe can cause serious burns.

Portable Fuel Containers

DANGER

Portable Fuel Container
Leaks

Portable fuel containers may leak, whether they are full or partially empty. Fuel leaking from a portable container carried in your vehicle could, in case of an accident, cause a fire or explosion.

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

Ground Clearance

NOTICE

Risk of damage to the vehicle due to lower ground clearance.

The vehicle may touch the ground as a result of reduced ground clearance.

- ▷ Drive carefully and slowly on steep slopes (e. g. parking lots, curbs, uneven roads, lifting platforms etc.).
- ▷ Avoid steep ramps.

Porsche Ceramic Composite Brake (PCCB)

- ▷ Please see the chapter "BRAKES" on page 152.

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 brake noises.

Wear on the different components and braking system, such as brake pads and brake disks, depends to a great extent on the individual driving style and the conditions of use and therefore cannot be expressed in actual miles on the road. The values communicated by Porsche are based on normal operation adapted to traffic. Wear increases considerably when the vehicle is driven on race tracks or through an aggressive driving style.

- ▷ Please consult an authorized Porsche dealer about the current guidelines in effect before such use of your vehicle.

Dear Porsche Owner,

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

the safe driver...

- who knows her/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 check the engine oil with every refueling.
- ▷ 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 luggage compartment lid and windshield. Ensure that these areas 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 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 electric 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 see the chapter "ENGINE EXHAUST" on page 4.
- ▷ When parked, always put the electric parking brake on **and** put the PDK 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, spilled fuel or other flammable material.

- ▷ Make it a habit to check the engine oil with every refueling.

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, the moving parts must still 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, gear-shifting or other controls during the break-in period which will gradually disappear.

Break in brake pads and brake disks

New brake pads and disks 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 disks 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 and fuel consumption

During the break-in period oil and fuel 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 refueling, add if necessary.

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