

Spare Wheel

The spare wheel is secured in the luggage compartment with wing nut/wing screw **A**.

There is a plastic sheet in the tool pocket to store the damaged wheel.

Important note

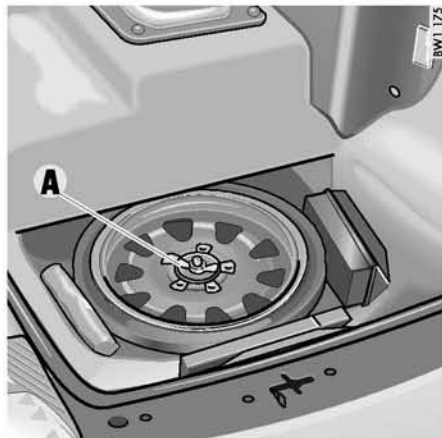
Follow all warnings and instructions found in this manual for changing a wheel.



911 Carrera, Targa

911 Carrera, Targa

- ▷ Check the pressure of the spare wheel regularly: **60 psi (4.2 bar)**.



911 Carrera 4, Carrera 4S

911 Carrera 4, Carrera 4S

The 911 Carrera 4 is equipped with a collapsible spare wheel that must be inflated with the electrical compressor when needed.

Tire pressure: 36 psi (2.5 bar).

Warning!

Risk of an accident.

For safety reasons, the following instructions for the use of the spare wheel must be followed exactly.

- ▷ Refer to the chapter “Spacer rings” before fitting the spare wheel.
If incorrectly fitted, the spare wheel may come off whilst driving.
- ▷ Check the tire filling pressure immediately after fitting the spare wheel.
- ▷ The spare wheel must be used only over short distances in cases of emergency.
After repair or replacement, re-mount the road wheel and tire as soon as possible.
- ▷ Avoid rapid acceleration, hard braking and high cornering speeds to prevent loss of vehicle control.
The maximum permitted speed is 50 mph/80 km/h and must not be exceeded because of altered driving characteristics and for reasons of wear.
The tread depth of the spare wheel is subject to the same laws as the original tires.
- ▷ The vehicle must be fitted with only **one** spare wheel.

- ▷ Do not use a spare wheel from other vehicles on your car.
Likewise, the spare wheel from your vehicle must not be used on other cars.
 - ▷ To avoid damage, do not use automatic car washes when the spare wheel is installed.
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Spacer Rings

Warning!

Risk of accident. If incorrectly fitted, the spare wheel may come off while driving which could result in serious personal injury or death.

- ▷ **5 mm spacer rings on front and rear axles:**
If 5 mm spacer rings are fitted to the wheel hubs, **do not remove** these before fitting the spare wheel.
 - ▷ **17 mm spacer rings on rear axle:**
If 17 mm spacer rings are fitted to the wheel hubs, the appropriate spacer ring must be **removed** before the spare wheel is fitted.
To mount the spare wheel, use the wheel bolts which were used to fasten the spacer ring.
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Wheel Bolts

Warning!

Risk of wheel bolt breakage and wheel separation, resulting in severe personal injury or death.

- ▷ Follow all instructions concerning wheel bolts.



- ▷ Always clean the wheel bolts before fitting.
- ▷ Apply a thin coat of **Optimoly TA** (aluminium paste) on the thread and between the bolt head and movable spherical cap ring (arrows).
The bearing surface of the spherical cap facing the wheel must not be greased.
- ▷ Replace damaged wheel bolts.
Only use the Original Porsche wheel bolts specially designed for this vehicle type.

AV1 094

Note

On vehicles with 17 mm spacer rings on the rear axle, the wheels are secured with nuts.

Tightening torque

Tightening torque of wheel bolts and wheel nuts:
130 Nm.

Wheel Securing Bolts

The wrench socket for the wheel securing bolts is in the tool pocket.

To loosen or tighten the wheel bolt with anti-theft protection, a wrench socket with the appropriate coding must be used between the wheel bolt and the wheel-bolt spanner.

- ▷ When positioning the wrench socket, ensure that it engages fully in the teeth of the wheel bolt.

If the wheels have to be removed at the workshop, please do not forget to hand over the wrench socket for the wheel securing bolts along with the car key.

Changing Wheels

Warning!

Failure to follow these instructions may result in serious personal injuries to you or to bystanders.

Before changing the wheel

- ▶ If you have a flat tire, move a safe distance off the road. Turn the emergency flasher on and use other warning devices to alert other motorists.
- ▶ Do not park your vehicle where it may contact dry grass, brush or other flammable materials. The hot parts of the exhaust system could set such materials on fire, thereby causing both property damage and severe or fatal physical injury.
- ▶ Passengers must not remain in the vehicle when it is jacked up.
- ▶ Before you change a wheel, be sure the ground is level and firm. If necessary, use a board under the jack to ensure that the jack does not sink into the ground.
- ▶ Set the parking brake and block the wheels opposite the flat tire on the other side of the vehicle.

While operating the jack

- ▶ The jack is only to be used for changing a wheel. Do not use it as a support to work under the car.
 - ▶ The car must be jacked up only at the illustrated jacking points. Lifting at any other place may damage the vehicle or may result in personal injury. Never jack the car up by the body or the bumpers.
 - ▶ For safety reasons do not use tire inflating bottles. Do not use commercially available sealant bottles.
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Sequence of operation

Warning!

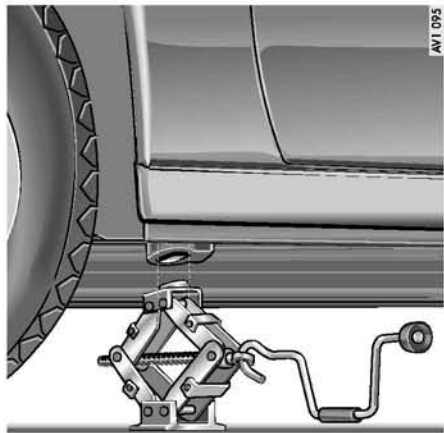
The jack must be used only to raise the car for wheel changing.

The jack must never be used as a support to work underneath the vehicle. If the jack is accidentally dislodged, you or bystanders could suffer severe personal injury.

- ▶ Never jack up other vehicles or other loads with the jack.
 - ▶ Always place the car on stable supports if you have to work under it. When working under the vehicle, always use safety stands specifically designed for this purpose.
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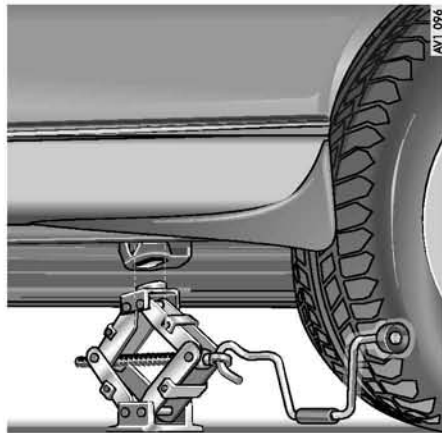
Please use a suitable knee rest to protect your clothing against soiling.





AV1 095

Jacking point for front wheel change



AV1 096

Jacking point for rear wheel change



A31 086

Screwing in assembly aid

1. Slightly loosen the wheel bolts of the wheel to be changed.
2. Set up jack only at the points provided. The jack foot must be in contact over its whole area. Use a suitable support if necessary.
3. Hold jack still and wind it up until its head enters the jacking point on the car. Only jack car up until the wheel to be changed is completely off the ground.

4. Remove top wheel bolt and screw in assembly aid from the tool kit. Remove the remaining wheel bolts.
5. Change wheel.
6. Please note chapter "Wheel bolts". Insert four wheel bolts and tighten by hand. Remove assembly aid, screw in remaining bolt. Initially tighten screws in diagonally opposite sequence so that the wheel is centered.

Refer to "Spacer rings" and "Collapsible spare wheel" if necessary.

7. Lower car and remove jack.
8. Tighten wheel bolts in diagonally opposite sequence.

Important note

Immediately after changing a wheel, adjust the tire filling pressure (refer to Page 5) and use a torque wrench to check the prescribed tightening torque of the wheel bolts (130 Nm).

Collapsible spare wheel

Refer to the chapter "Spacer rings" before fitting the spare wheel.

If incorrectly fitted, the spare wheel may come off whilst driving.

1. Mount the collapsible spare wheel on the vehicle before inflating it.
2. Screw filler hose of the compressor onto the tire valve.
3. Insert plug of the compressor into the cigarette lighter.
The required filling pressure will be reached after a few minutes.
4. Check filling pressure with the pressure tester.

Required filling pressure:

36 psi (2.5 bar).

If the pressure is too high, release some air by pressing the valve insert.

After using the collapsible spare wheel

- ▷ Release air by unscrewing the valve insert.
The tire will revert to its original shape only after several hours. Only then can it be stowed in the spare wheel recess in the luggage compartment.

Repair

- ▷ The collapsible spare wheel must be repaired only by the manufacturer. Please consult your authorized Porsche dealer if the collapsible spare wheel is defective.