

## How to change a car tyre in 7 easy steps



### Changing your car tyre made easy in 7 short steps.

When disaster strikes, you might not have the luxury of roadside assistance. Knowing how to change your car tyre can come in handy, when you need to make matters into your own hands. This can seem like a daunting task but luckily, we're here to help you with a quick 7 step guide on how to change your vehicle's tyre.

### You will need the following tools

- **Spare tyre:** Always have a spare tyre in your vehicle.
- **The jack:** Ensure that it is in working order, not rusted or damaged.
- **Wheel spanner:** To remove and tighten the lug nuts.
- **Emergency triangle:** Place on the roadside to warn other cars.
- **Tyre blocks or bricks:** This is to prevent the vehicle from rolling back when jacked up.
- **Torch/flashlight:** The torch on your smartphone can be used as a backup.

## 1. Prepare and position your car



If possible, stop the vehicle in a safe environment.

If you happen to be driving, stop well off the road, put on the hazard lights of the car and place the safety triangle behind the vehicle. Park your car on a flat surface, engage the handbrake and put

the vehicle into gear. Ensure that there are no passengers in your car.

Position your tyre blocks for both the front and rear wheels to ensure that the vehicle does not roll back when it is being jacked up.

## 2. Loosen up your wheel



Remove the hubcap (or wheel cover) of your tyre with the flat end of the wrench. Using the wrench or spanner, you can turn the wheel nuts of the tyre anticlockwise until you loosen them up and can turn them by hand. Do not

remove the wheel nuts completely, as you will only need to remove them when the car has been jacked.

## 3. Lift your car



Consult your handbook if possible or utilise Google for assistance to locate the dedicated jacking point underneath your vehicle. Position your jack on the side of the car, usually just behind your front or rear wheel wells. Slowly raise your car to about

15cm off the ground with slow and even strokes. Make sure that the car and jack is stable. If not, lower the vehicle down and start again. Never put any part of your

body underneath the vehicle while it is being jacked, in case the vehicle slips off the jack.

#### **4. Out with the old**



You can now remove the loosened wheel nuts and store them safely. Gripping the damaged tyre with both hands, gently pull it towards yourself until it slips off and put it to the side.

#### **5. In with the new**



Place the spare tyre onto the wheel hub by lining up the rim with the wheel bolts (wheel studs) and pushing gently until it is secured.

Put the wheel nuts back on the bolts and tighten them all the way by hand first.

#### **6. Lower your car back down**



Slowly lower your vehicle to the ground and remove the jack from underneath the vehicle.

Tighten the wheel nuts again using a wrench or spanner, turning clockwise as much as you can to ensure that they are as tight as possible. You can now clean up your

workspace and stow away your equipment.

## **7. Be cautious**

Slowly and carefully drive your vehicle to the nearest tyre fitment centre and give them your punctured wheel. If the tyre cannot be repaired, you will need to replace it.

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