














# Wheel changing

-  Switch on the hazard warning lamps.
-  Make sure that all passengers, and animals, are out of the vehicle, and in a safe place away from the roadside.
-  Place a warning triangle at a suitable distance behind the vehicle, facing towards oncoming traffic.
-  Make sure that the front wheels are in the straight ahead position, and engage the steering lock.
-  Apply the parking brake, and engage 1st or reverse gear.
-  Disconnect any trailer or caravan from the vehicle.
-  Make sure that the jack is on firm level ground.
-  Never place anything between the jack and the ground, or the jack and the vehicle.
-  Always chock the wheels using suitable wheel chocks. Place the chocks on both sides of the wheel diagonally opposite the wheel to be changed.
-  If jacking the vehicle on a slight slope is unavoidable, place the chocks on the downhill side of the 2 opposite wheels.
-  Take care when lifting the spare wheel, and removing the punctured wheel. The wheels are heavy, and can cause injuries if not handled correctly.
-  Remove the spare wheel before jacking the vehicle, to avoid destabilising the vehicle when raised.

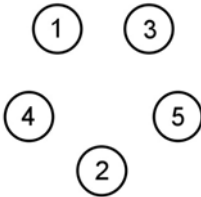
-  Take care when loosening the wheel nuts. The wheel brace may slip off if not properly attached, and the wheel nuts may give way suddenly. Either unexpected movement may cause an injury.

## WHEEL CHANGING

1. Loosen the wheel nuts half a turn (counterclockwise).
2. Position the jack at the relevant jacking point.
3. Raise the vehicle with a slow steady operation. Avoid rapid, jerky actions as they may cause the vehicle/jack to become unstable.
4. Remove the wheel nuts and place them together where they cannot roll away.
5. Remove the wheel and place to one side. Do not lay the wheel on it's face, as this may damage the finish.
6. Fit the spare wheel to the hub.
7. Re-fit the wheel nuts, and lightly tighten them. Make sure that the wheel is making contact with the hub evenly.
8. Make sure that the space under the vehicle is clear of obstructions, and lower the vehicle slowly and smoothly.
9. With all wheels on the ground and the jack removed, fully tighten the wheel nuts. The wheel nuts must be tightened in sequence (as shown in the illustration) to the correct torque.
  - **5.5 inch steel wheels**, 108 Nm (80 lb.ft).
  - **6.5 inch steel wheels**, 170 Nm (125 lb.ft).
  - **7 inch alloy wheels**, 170 Nm (125 lb.ft).

**Note:** If it is not possible to torque the wheel nuts when a wheel is replaced, they should be set to the correct torque as soon as possible.

10. If an alloy spare wheel is to be fitted, using a suitable blunt tool, knock the centre cap out of the removed wheel. Using hand pressure only, press the centre cap into the newly fitted spare.
11. Check and adjust the tyre pressure as soon as possible.
12. Return the jack, tools, chocks, and removed wheel to their correct storage positions.



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**Do not use the spare wheel securing nuts in place of the road wheel nuts, or use the road wheel nuts in place of the spare wheels nuts. They are not interchangeable.**