## Wheel changing



The temporary use spare wheel must be inflated to 4.2 bar (60 psi, 420 kPa) and cannot be repaired.



The temporary use spare wheel's, maximum speed is 80 km/h (50 mph).



Dynamic Stability Control (DSC) must be switched on while the temporary spare wheel is in use.



Traction devices, such as snow chains, cannot be used with a temporary spare wheel.

#### **USING WHEEL CHOCKS**

**Note:** Not all vehicles have wheel chocks supplied as part of the tool kit.

Wheel chocks are a useful addition to a vehicle's tool kit. Note the following advice when using wheel chocks:



Before raising the vehicle, the wheel diagonally opposite the one to be removed must be chocked.



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 both wheels on the axle not being raised.

#### LOCKING WHEEL NUTS

Locking wheel nuts can be removed, only by using the special adaptor provided in the tool kit.

**Note:** When the vehicle is first supplied, the adaptor may be stored in the glove compartment. It should be removed and stored in the tool kit as soon as possible.

**Note:** A code number is stamped onto the underside of the adaptor. If a replacement adaptor is required, you will be asked to quote this number. Make sure the number is recorded and kept safe, but it should not be kept with the vehicle.

- Insert the wheel nut adaptor into the locking wheel nut, making sure it is fully engaged.
- Locate the wheel brace over the adaptor and unscrew the wheel nut half a turn counter-clockwise.
- **3.** After raising the vehicle on the jack, remove the locking wheel nut.

**Note:** After use, store the wheel nut adaptor correctly in the tool kit.

### WHEEL CHANGING

Before raising the vehicle or changing a wheel, make sure you read and comply with the following warnings:



Make sure the jack is on firm level ground.



Never place anything between the jack and the ground, or the jack and the vehicle.



Position the jack from the side of the vehicle, in-line with the appropriate jacking point.



Do not attempt to raise the vehicle unless the jack head is fully engaged in the jacking point. Only jack the vehicle using the approved jacking points.



WARNING - THAT NO PERSON SHOULD PLACE ANY PORTION OF THEIR BODY UNDER A VEHICLE THAT IS SUPPORTED BY A JACK.

## Wheel changing



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.



Take care when lifting the spare wheel and removing the punctured wheel. The wheels are heavy and can cause injuries if not handled correctly.



Do not start or run the engine while the vehicle is supported only by a jack.



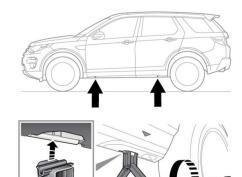
Jack up the vehicle using only the jacking points described, or damage to the vehicle could occur.



If your vehicle is fitted with side steps or tubes, DO NOT use them as jacking points.

**Note:** Your vehicle may be fitted with a tilt sensor, which activates the alarm if the vehicle is tilted in any direction after it has been locked. To lock the doors while changing the wheel, and avoid the alarm activating, the tilt sensor can be temporarily disabled. See **16**, **TILT SENSOR**.

Before rasing the vehicle, use the wheel nut brace to slacken the wheel nuts half a turn counter-clockwise.



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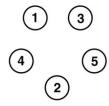
1. Locate the jack under the relevant jacking point.

**Note:** Do not allow the jack to contact the sill at any other point, as damage may result.

- 2. Unfold the cranking handle from its stowed position on the jack.
- 3. Rotate the handle clockwise to raise the jack until the jack, pin locates into the jacking point.
- **4.** Raise the vehicle until the wheel is clear of the ground.
- **5.** Remove the wheel nuts and place them together where they cannot roll away.
- **6.** Remove the wheel and place it to one side. Do not lay the wheel on its face, as this may damage the finish.
- **7.** Fit the temporary spare wheel to the hub.
- 8. Re-fit the wheel nuts and lightly tighten them, making sure that the wheel is making contact with the hub evenly.
- Make sure the space under the vehicle is clear of obstructions before lowering the vehicle slowly and smoothly.

# Wheel changing

10. With all of the wheels on the ground and the jack removed, fully tighten the wheel nuts. The wheel nuts must be tightened in sequence (see the illustration below) to the correct torque of 133 Nm (98 lb.ft).



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

Check and adjust the tyre pressure as soon as possible.