If it is necessary to check tyre pressures when the tyres are warm, you should expect the pressures to have increased by up to 30 - 40 kPa / 0.3 - 0.4 bar/ 4 - 6 psi. Do not reduce the tyre pressures to the cold inflation pressure under these circumstances. Allow the tyres to cool fully before adjusting the pressures.

If the tyres are deflated to the comfort setting or inflated to the heavy load setting, then the TPMS will have to be adjusted to suit the vehicle's load and tyre pressures. See 268, VEHICLE LOADING.

The following procedure should be used to check and adjust tyre pressures.

To avoid damaging the valves, do not apply excessive force or sideways force on the gauge/inflator.

1. Remove the valve cap.
2. Firmly attach a tyre pressure gauge/inflator to the valve.
3. Read the tyre pressure from the gauge and add air, if required.
4. If air is added to the tyre, remove the gauge and re-attach it before reading the pressure. Failure to do so, may result in an inaccurate reading.
5. If the tyre pressure is too high, remove the gauge and allow air out of the tyre by pressing the centre of the valve. Refit the gauge to the valve and check the pressure.
6. Repeat the process, adding or removing air as required, until the correct tyre pressure is reached.
7. Refit the valve cap.

TYRE VALVES

Keep the valve caps screwed down firmly, to prevent water or dirt from entering the valve. Check the valves for leaks when checking the tyre pressures. For TPMS tyre valves, see **267, TYRE PRESSURE MONITORING SYSTEM**.

REPLACEMENT TYRES

Always fit replacement tyres of the same type, and wherever possible, of the same make, and tread pattern. Failure to fit the same tyre type, make and tread pattern may reduce vehicle stability.

The load and speed index ratings on all replacement tyres must be, at least, the same specification as the Original Equipment (OE), see 263, TYRE PRESSURES. If in doubt, consult your Dealer/Authorised Repairer.

If lower speed rated specialist tyres are fitted (e.g. winter tyres or off road tyres) then the vehicle must be driven within the speed limitations of the tyres. Consult your Land Rover dealer for further information. In markets that require a tyres maximum speed label to be fitted, the tyre's maximum speed label should be placed within the driver's field of vision. These can be obtained from the tyre dealer.

Do not rotate tyres around the vehicle.

If the use of tyres not recommended by Land Rover is unavoidable, make sure that you read, and fully comply with, the tyre manufacturer's instructions.