

## Use and maintenance

Store tyres clean and away from sources of heat, light, ozone or hydrocarbons. Avoid prolonged exposure to direct sunlight. Avoid any contact with squeegees, petrol, volatile solvents or other agents that may damage the rubber. Avoid horizontal storage of tubeless tyres, only small tyres can be stored horizontally (maximum 6 months). If tyres are stored horizontally, they must be placed tooth to tooth. If tyres are stored mounted on the rim, lower the inflation pressure. Make sure there is no water or moisture inside the tyre. Never store tyres directly in contact with the ground for long periods of time. For safety reasons, tyres should only be repaired by experts using the correct methods and tools. When loading a tyre, the relationship between speed, inflation pressure and load capacity must be taken into account. Overloading causes premature destruction of the tyre. Use technical documentation and inflation tables that define the load and inflation for different operating speeds. Under-inflation is not only caused by improper run-flattening, but also by liner separation or other damage to the tyre liners. Overinflation increases the hardness of the tyre and reduces the resistance to impacts leading to damage to the tyre liners.

## Mounting and dismounting instructions

Mounting and dismounting tyres can be dangerous and should only be carried out by trained and qualified personnel using the correct tools and working procedures. Failure to follow these procedures may result in incorrect fitting of the tyre to the rim, resulting in destruction of the tyre with explosive force that can cause serious injury or death. Make sure the rim, tyre and tube are compatible. Check that the tyre is suitable for the equipment/machine. Use only rims recommended or approved by the tyre manufacturer. Always use only the correct special equipment and tools. The rim must be clean and in perfect condition (not damaged etc.), if necessary clean the rim with sandpaper. Under no circumstances mount tyres on rims with cracks, seriously deformed, bearing welding repair marks, etc. Carefully inspect the inside as well as the outside of the tyre to identify any damage. If the extent of the damage does not allow repair, the tyre should be devalued. If mounting with a tube, always use the correct new tube and liner for the size. For mounting tubeless tyres, on tubeless rims, always use a new tubeless valve. Lubricate the rim and tyre bead before mounting. Use only a suitable lubricant that will not destroy the tyre (never use silicone or gasoline based lubricants). Vertical mounting is recommended. In the case of horizontal mounting, it is essential to check that the bottom bead is seated correctly. Fit the casing onto the rim opposite the valve hole (respect the direction of rotation indicated by the arrows). Using the mounting lever, gradually slide the first bead over the rim rim rim rim. Then insert a lightly inflated inner tube, sufficiently treated with a slip joint (if fitted), into the rim. Position the valve and secure it lightly with the retaining ring. Insert the second foot, working in sequence so that you end up at the valve. To seat and centre the shell correctly, remove the inner valve liner. Slowly inflate and check for proper seating of the casing foot. Make sure the casing foot has not pinched the shell. Maintain a safe distance during the densification process, always use a safety cage, preferably attached to a wall or safety chain. During pressure readings, make sure that no part of your body is possible to trace the internal parts of the valve or its cap. It is recommended to use a suitable device to limit the inflation pressure. Use a filter and dehumidifier for the compressed air necessary to remove moisture and dust. If the feet are not seated properly, release the air, re-pressurize and inflate. Repeat this

operation until the feet are seated correctly. If all the previous operations have been carried out correctly, fit the inner valve insert. Inflate the tyre according to the load. Ensure that the valve does not touch the rim, brake drums or other mechanical parts.

Disassembly: never attempt to remove the bead of an inflated tyre. Always remove the valve inner liner. Check that the tyre is completely free of air before dismounting. Never use tools that may damage the rim or tire beads.