General Safety Information

WARNING

• Read these Technical Service Instructions carefully, and keep them in a safe place

CAUTION

- The air pressure should be within the range of 600-800kPa {87-116psi}
- The tires should always be installed and removed by hand. Never use tools such as tire levers, as they can damage the seal between the tires and the rims and cause air to leak out from the tires.
- Do not tighten the valve nut too much, otherwise the valve seal may become warped and air leaks may occur.

- If the tires are difficult to fit, use plan water or soapy water to help them slide more easily.
- Parts are not guaranteed against natural wear or deterioration resulting from normal use

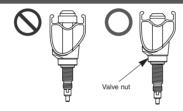
Technical Service Instructions

SI-0028A

Installing and removing tubeless tires

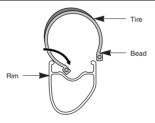
1. Installing tubeless tire valves

Install the valve so that it faces as shown in the illustration. When tightening the valve nut, check that the valve does not turn together with the valve nut.

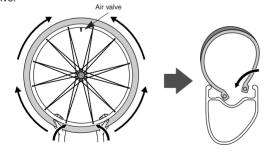


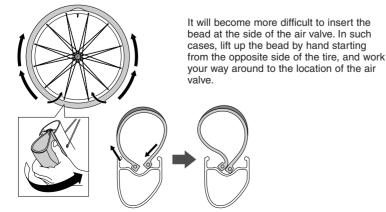
2. Installing the tires

Insert the bead on one side of the tire as shown in the illustration. Check that there are no foreign particles in the tire bead, rim and valve



Insert the bead on the other side of the tire starting from the point opposite the air valve





Lastly, grip the tire with both hands as shown in the illustration and insert the tire into the rim.



Inflate with air to lock the beads of the tires into the rim as shown in the illustration.

After this, deflate the tire and check that the bead is locked into the rim.

Then re-inflate the tire to the standard air pressure for use.

If the bead is not locked into the rim, the bead is separating from the rim when the tire is deflated.

(Max: 800kPa/116psi)



3. Removing the tires

To remove a tire, deflate the tire and then push the bead on one side of the tire into the gorge of the rim as shown in the illustration.

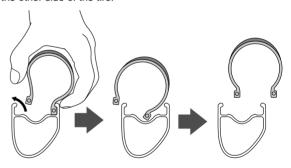


Note:

Be sure to only push in the bead on one side of the tire. If you push the beads in on both sides,

the tires will be difficult to remove. If you push in the beads on both sides, inflate the tire once more to lock the beads, and then remove the tire by starting the procedure from the beginning again.

Remove the bead on one side of the tire starting from the point closest to the air valve, and then remove the bead on the other side of the tire.



4. Notes when using inner tubes

- Loosen the locking ring of the air valve and remove the air
- Insert the bead on one side of the tire as shown in the illustration.
- Liberally moisten the outer edges of the rim and the tire beads, and place the slightly-inflated inner tube inside the tire so that it can slide
- Check that the air valve of the inner tube is appropriate for use with the rim.
- Insert the bead on one side of the tire starting from the side of the rim opposite the air valve. Be careful not to pinch the tube at this time. If necessary, use soapy water.
- Inflate the inner tube until the tire locks into place.
- Contact your dealer for the specifications of inner tubes that can be used.

SHIMANO

These service instructions are printed on recycled pape

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