# 44mm / 70mm Tubeless Valve Set

**Pack Contents:**

- 2x 7075-T6 Machined Aluminium valves with removable cores.
- 2x Aluminium valve caps

1. **Tubeless Rim Requirements.**
    - In order that the Tubeless tyre is safe to use, a tubeless-specific rim must be used.
    - Manufacturer's use various proprietary terminologies to convey whether a rim is tubeless compatible.
    - It is of the utmost importance to your safety to ensure that the rim, tape and tyre are tubeless compatible.

2. **Pre - Installation Check if converting to a tubeless tyre from a clincher:**
    - Ensure you have the required items before starting, that is: the correct width rim tape, sealant and a high-volume tubeless - specific floor pump (to seat the tyre).
    - Clincher rim tape will not suffice as it is not wide enough or tight enough to be airtight and so must be discarded.
    - Clean the rim thoroughly before fitting the adhesive tubeless rim tape to provide an airtight seal.
    - More than one layer of tubeless tape may be required to optimise how well the tyre seals when inflated.
    - The tubeless tape chosen should be just wider than the rim so as not to leave an exposed edge where air can leak through.

3. **Tubeless Valve Installation:**
    - Once the tape is fitted, locate the valve hole and pierce the tape at this point, making a hole a little smaller than the valve stem diameter to ensure a tight seal when the valve is fitted.
    - Remove the valve from the packaging, taking note of the rubber 'O'- ring.
    - Remove the lock nut and 'O'- ring, setting them aside.
    - Screw the valve core closed so as not to damage it and insert the valve into the rim.
    - Ensure the rubber at the base of the valve is firmly seated against the rim tape to form an airtight seal.
    - Fit the 'O'- ring to the valve core ensuring it is against the rim.
    - Make an airtight seal by tightening the valve stem lock nut against the rim with the 'O'- ring between.

4. **Tyre Seating and Inflation:**
    - Noting any directional arrows, fit one side of the tyre bead to the rim.
    - Fit the remaining tyre bead to the rim, ensuring that the tyre is seated correctly at the valve.
    - Remove the valve core and add the manufacturer's recommended amount of sealant for your tyre.
    - Replace valve core.
    - Inflate tyre, listening to the 'pop' as it seats.
    - Check the tyre's bead line (on the sidewall) after inflation to ensure it has seated.
    - Bounce the wheel like a basketball to ensure the sealant gets to where it is needed. Rotate the wheel slowly while you are bouncing it.
    - Check for leaks by listening. A soap and water solution can be sprayed on the sides of the tyre and will bubble where a leak is present.
    - Repeat with the other wheel.
    - Fit the wheels to the bike.

5. **Pre- Ride checks:**
    - Ensure the tyre is inflated to the correct pressure for riding.
    - Ensure the tyre has remained properly seated and that it will not blow off the rim.
    - Wipe away any excess sealant that has escaped or spilled during the fitting process.

**Troubleshooting:**

- If the tyre deflates or will not hold the desired pressure it will be necessary to repeat the above steps in order to ensure a good seal.
- If a tyre won't hold air the usual culprit is the tape and sometimes the valve rubber at the valve seat.

**Important Notes:**

- If you encounter technical difficulties, it is recommended that a suitably certified professional bike mechanic is consulted for assistance.