

SUPER DUPER BUBBA™

SUSPENSION HUB

Installation & Maintenance Instructions

The Ringle **SUPERDUPERBUBBA** front suspension hub minimizes torsional twisting of fork legs induced by steering forces and minimizes independent fork leg travel of telescoping suspension forks. You will feel an improvement in front end rigidity and steering responsiveness when using the **SUPERDUPERBUBBA**.

Wheel Building

The **SUPERDUPERBUBBA** is designed to be laced up with 14/15 double butted spokes in a three cross configuration. Do NOT use a radial spoke configuration. Radial spokes will void the factory warranty.

Hub Dimensions: Center to Flange 34.0 mm
Flange Diameter 46.00 mm



photo 1



photo 2

Installation

The axle ends that interface with the dropouts are not round. They are machined to the exact shape of the dropout. This keys the axle to the dropout and inhibits torsional flexing of the fork by turning the axle into a torsion bar.

Mount the hub in the dropouts with the words "THIS SIDE DOWN" facing down (see photo 1). To get the full benefit of the **SUPERDUPERBUBBA**, the axle should press in place firmly*. If not, remove the wheel and use the enclosed "miniscule" 1.3mm hex wrench to adjust the nylon bushings outward (see photo 2). Move the bushing outward in gradual steps (1/4 turn max) on each side at a time, checking the fit as you go. One complete turn is more than you will need to insure a snug press fit.

**On some powder coated forks you may need to remove some paint from the dropout slot by lightly sanding or scraping.*

The hollow axle of the **SUPERDUPERBUBBA** is threaded for M6 bolts. This gives you the option to use a skewer or our Swoopy Bolt kit (photos 3 & 4). Ask your dealer for details.

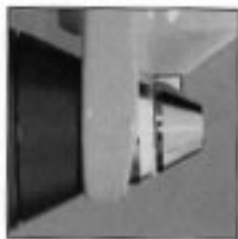


photo 3



photo 4

Maintenance

The **SUPERDUPERBUBBA** is supplied with high quality double sealed bearings; it is best to leave these alone. The seals and factory lubrication have proven to be very effective against dirt, dust, grime and water spray. However, when cleaning your bike, do not spray water and solvents near the bearing seals. Also, submersion of bearings during water crossings should be avoided. Splashing through a shallow crossing is OK, but going through axle deep water is a surefire way to contaminate the bearings and reduce their service life.

The **SUPERDUPERBUBBA** is designed with replaceable bearings. Under normal use they will last for years. However, at some point you may wish to have the bearings replaced. This is best performed by a Ringle dealer. If you do remove the end caps from the axle in order to service the bearings, you will need to reinstall as follows: **step 1** - place the end caps back onto the axle without tightening the retention set screws. **step 2** - place the hub in the dropouts and fully tighten the skewer. This step will fully seat the end caps against the bearings. **step 3** - now tighten the retention set screws.

NOTE: fits Rockshox Judys and Manitous. Does NOT fit Rockshox Mags or other forks that do not have a flat dropout blade large enough to accommodate a 25.4 mm clamping surface.

*PATENT PENDING

Ringle