BSA-DUB SLEEVE: INSTALLATION MANUAL

INSTALLING **BSA-DUB SLEEVE**

Congratulations on the purchase of your BSA bottom bracket for Sram DUB! Having a threaded bottom bracket and a stiff oversized spindle are a great setup for a creak free and bomb proof ride.

You might have noticed that there is not a lot of space inside the bottom bracket shell to fit this setup. The inner diameter of the BSA threads is 33.6mm and the Sram DUB spindle is 29mm (or 28.99mm if you're really picky). That leaves just a hair over 2mm on each side of the spindle to build an aluminum cup, a plastic sleeve and fumble in an o-ring. It's a tight fit but we make it work.

Because all parts in this equation are very skinny and threading in a bottom bracket uses a lot of force, there are plenty of options to crush the center sleeve. Let's have a close look at the correct procedure that will guarantee a good fit and keeping your internal wires and hoses away from the crank spindle.

1. HAVE A CLOSE LOOK AT THE RIGHT AND LEFT SIDE CUP:

The bore that fits the sleeve is less deep on the right side cup than on the left side cup. This is done because the right side cup will lock the sleeve in place. The left side cup is meant to slide over the o-ring to accommodate for different BB shell widths.

1. THE SLEEVE HAS A LOCKING SIDE AND A SLIDING SIDE:

Notice how the outer diameter of the sleeve has a stopper on one side. We marked this side red as a running change. You might find a few early sleeves that are all black. This side fits in the right side cup.

3. INSTALL THE RIGHT SIDE CUP FIRST:

Push the red side of the sleeve into the right side cup and thread in the cup as normal. Torque it to 40Nm

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4. CHECK FOR ALIGNMENT:

This is the step where you potentially will crush the sleeve if you do not follow the guidelines.. **Proceed with caution!**

Before installing the left side cup, have a good look inside the bottom bracket shell and make sure the sleeve is perfectly centered. Internal hoses can push the sleeve out of alignment during installation. If the sleeve looks crooked, just grab it with your fingers and push it towards the right side cup until it bottoms out on the stopper. You should see an equal amount of space around the entire circumference of the sleeve and inside the threaded BB shell.

Once the sleeve is centered, you can thread in the left side cup and torque it to 40Nm.

Have a last look inside the bottom bracket to see if everything lined up correctly and install your crankset according to the manufacturer instructions.