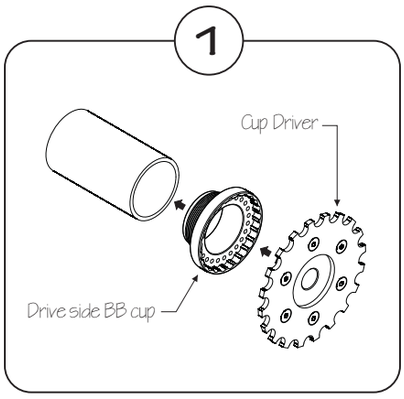
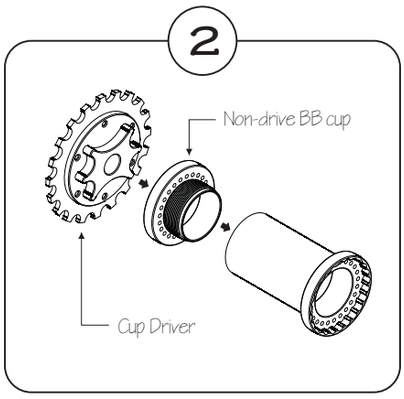
Phil Wood & Co.

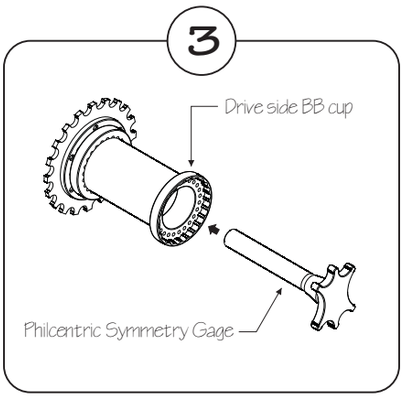
Philcentric Installation Instructions



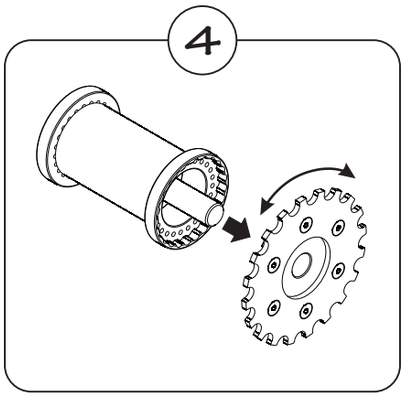
Clean the BB frame threads with alcohol. Apply blue Loctite to the drive side BB cup threads. Thread drive side BB cup into frame until the cup bottoms out against the frame.



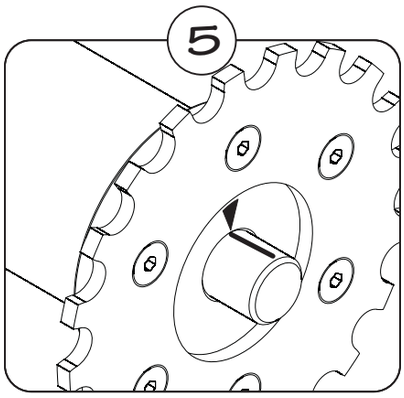
Apply blue Loctite to the non-drive side BB cup threads. Thread non-drive side BB cup into frame until the cup bottoms out against the frame. Then, loosen cup 1/4 turn.



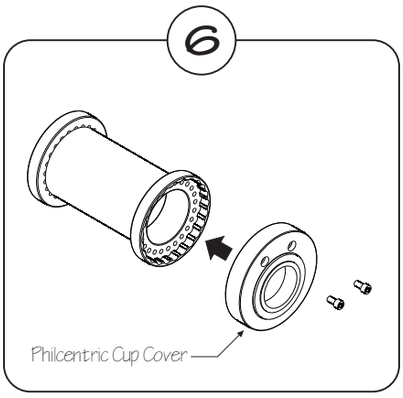
Insert the Philcentric Symmetry Gage into the drive side BB cup. Ensure that the Symmetry Gage is both centered and fully seated into the drive side BB cup.



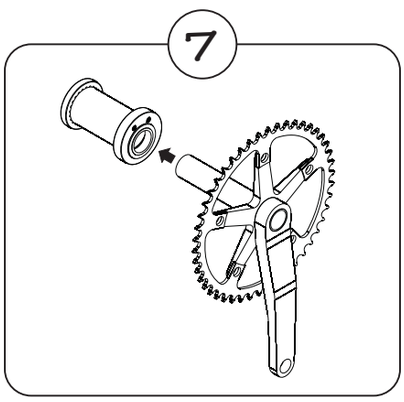
Remove the Cup Driver from the BB cup. Next, rotate the cup driver so that the alignment marks on the Symmetry Gage and Cup Driver are as close as possible. Then, reinsert the cup driver into the bottom bracket cup.



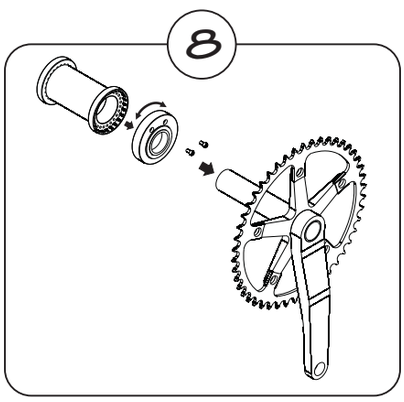
Turn the Cup Driver until the alignment marks on both the Cup Driver and Symmetry Gage are lined up. It may be necessary to repeat step 4 in order to get the marks lined up. Once the marks are aligned, the cup should not be moved.



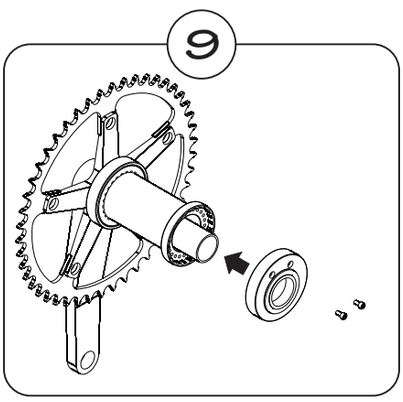
Install the drive side Cup Cover by lining up the dowel pin inside the Cup Cover with the notches inside the Bottom Bracket Cup. Press the two together by hand. Then install the screws to lock the two pieces together.



Install the drive side crank arm. Next, place the chain over the chainring and check the chain tension. If the chain tension is not adaquate, the Cup Cover must be rotated to achieve optimum chain tension.



The crank must be removed followed by the Cup cover in order to make any adjustments to the chain tension. The Cup Cover can be rotated after it has been removed from the BB cup. Reinstall the Cup Cover, followed by the crank, and check the chain tension.



When chain tension is adaquate, install the non-drive side Cup Cover.