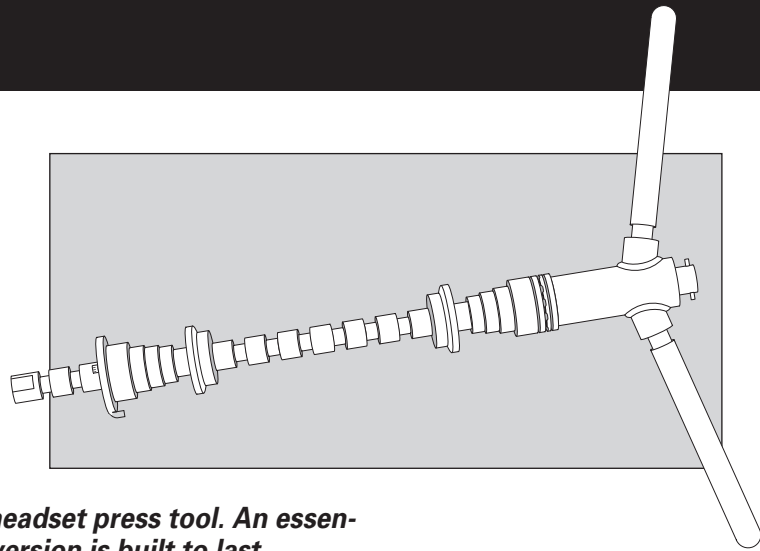


PERFORMANCE®



headset press tool



Thank you for your purchase of the Spin Doctor™ headset press tool. An essential tool for headset installation, our shop quality version is built to last.

Assembly:

Thread and fully tighten the handles into the top of the headset press.

Before You Begin:

1. Determine the acceptability of the press fit between the headset cup and the frame head tube. Using calipers, measure the outside diameter (OD) of the pressed portion of the headset cup. Next, measure the inside diameter (ID) of the frame head tube. Due to the possibility that the head tube may be out of round, measure in at least two places and average the dimensions. Subtract the inside diameter from outside diameter to determine the amount of pressing interference.

Normal interference is between 0.1mm and 0.2mm. If the press interference is more than 0.2mm, damage to the frame or tool may occur during installation. In this case, the head tube should be reamed or a different headset with a different press interference should be used. If the difference is between 0.0mm and 0.1mm, a Loctite® type adhesive is recommended. If the difference is negative, a different headset should be used. Check with the headset manufacturer for interference specifications unique to their headsets.

Installation Notes:

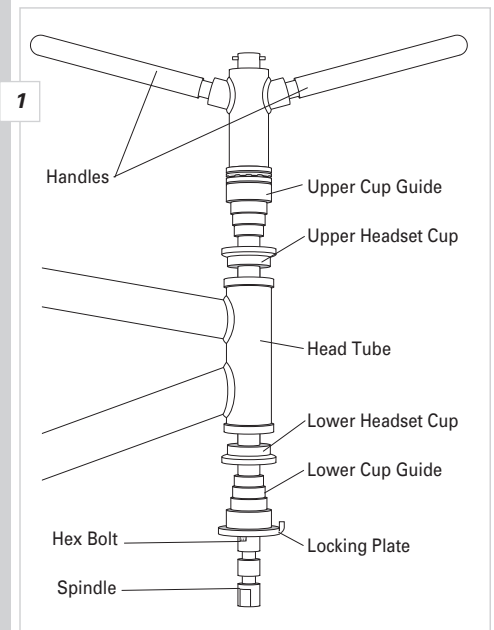
1. The three-tiered upper and lower cup guides fit most standard 1", 1½" and 1¾" headset cups.
2. Use care when pressing aluminum headset cups. Excessive pressure on the outer rim of the cups may damage the cups.
3. When pressing headset cups with pre-installed bearing units (e.g. Chris King® headsets) use the specific cup guides available from the manufacturer. Failure to do so may damage the headset bearings or void the headset manufacturer's warranty.

Installation Procedure:

1. Grease the pressed portion of the headset cups.
2. Unthread the spindle as far as possible.
3. Assemble the headset press as shown at right.
4. Position the lower cup guide as close to the bottom of the head tube as possible. Secure the cup guide by pivoting the locking plate into one of the notches in the spindle.
5. Slowly turn the handles clockwise to press the cups into the head tube. Inspect alignment of cups as they enter the head tube to prevent misalignment. Press cups until fully seated in head tube.
6. If the spindle itself starts to spin while pressing the cups, use a wrench on the wrench flats at the bottom of the spindle to prevent it from spinning.
7. To remove the headset press, turn the handles counterclockwise a few rotations, release the locking plate and remove the lower cup guide from the spindle. Use care when removing the spindle from the head tube to prevent the upper cup guide from falling.

Tool Maintenance:

1. If necessary, adjust the rotation tension of the locking plate by tightening or loosening the hex bolt on the underside of the plate.



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