Congratulations! You have just purchased what many people regard as the finest headset in the world. Since 1976 Chris King has been supplying cyclists with the best made, most reliable headsets you can buy. With proper installation and maintenance you can expect to enjoy the many years of the legendary quality and performance built into each and every component we make.

Installation

Headset installation requires specialized tools. We recommend the procedure be performed by a professional bicycle mechanic. To ensure proper installation, the use of headset cup press adapter kits are recommended. Our press adapters help to correctly align the bearing cups with the head tube and prevent damage to the bearings by directing pressure only and evenly over the bearing cups. The baseplate installation adapter prevents damage to the baseplate by protecting the conical bearing contact surface from the crown race setting tool. Sizes are available to fit all popular headset pressing and setting tools.

Preparation of Head Tube and Installation of Bearing Cups

Proper preparation of the head tube is essential for best headset performance. Ream and face the head tube to ensure that the ends are square and parallel to each other, and the head tube bore (inner diameter) is correct (see table below) to ensure proper press fit. Minimum ream depth is 25.4mm into the head tube. Using a small file or sand paper, carefully remove any sharp edges or burrs and slightly round, or chamfer, the inside edges of the head tube at the top and bottom to prevent shearing any metal from the cups during installation. Clean to remove any chips, shavings, and/or cutting oil. The proper press fit should be with no more than .1mm (.004”) of interference. See table below for head tube bore specifications. Do not file or otherwise remove material from the cups to make them fit. Press in both bearing cups using a headset cup installation press fitted with our headset cup press adapters. Check to assure the cups are seated flatly against the ends of the head tube.

Preparation of Fork and Installation of Baseplate

Proper preparation of the fork is essential for best headset performance. Ream and face the crown race seat to ensure that the crown race seat face is square with the steer tube. See table above for crown seat outer diameter (OD) specifications. The proper base plate press fit is with no more than .1mm (.004”) of interference. Clean to remove any chips, shavings, and/or cutting oil. Slide the baseplate, conical side up, onto the steer tube. With the beveled side of the baseplate installation adapter against the baseplate, use a crown race setting tool to set the baseplate.

Cutting of Steer Tube

Use extreme caution when cutting steer tube to avoid injury. Insert fork into frame. Remove O-ring from bearing cap and slide bearing cap, then any spacers and the stem over steer tube. Scribe a line flush with top of stem. Remove stem and mark another line 3mm below the first. Cut on the lower line using a hacksaw and saw guide. Remove all sharp edges from inside and outside of steer tube. With a file or sandpaper, round outside edge of tube to avoid shearing the O-ring upon installation. Re-install O-ring into bearing cap and apply grease to O-ring.

NoThread™

<table>
<thead>
<tr>
<th>NoThread™ A</th>
<th>NoThread™ B</th>
<th>NoThread™ C</th>
<th>NoThread™ D</th>
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<th>NoThread™ F</th>
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<tbody>
<tr>
<td>stem cap screw</td>
<td>stem cap</td>
<td>star nut</td>
<td>scuff washer</td>
<td>bearing cap</td>
<td>upper bearing cup assy.</td>
<td>lower bearing cup assy.</td>
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</table>
| 1” BMX | 1” | 30.1 mm | 26.5 mm | 1” | 26.5 mm | 1-1/8” | 33.9 mm | 30.1 mm | 1-1/4” | 36.9 mm | 33.1 mm | 1.5 | 49.6 mm | 39.8 mm | NoThread™

Hole tube Press

| 1” | 26.1 mm |
| 1-1/8” | 26.1 mm |
| 1-1/4” | 26.1 mm |
| 1.5 | 26.1 mm |
**Final Assembly and Adjustment**

1. Insert fork into frame. (If necessary, remove existing headset, oiler, or other assembly, and install or replace as needed.)

2. Installation of Star Nut:
   - Carefully using a small screwdriver, place the edge of the installation tool onto the top of the steer tube.
   - With a soft hammer or mallet, drive the star nut straight into steer tube until the tool contacts top of steer tube.
   - With the star nut on the installation tool, drive the star nut into steer tube with a light spray lubricant (e.g., WD-40 or similar).
   - Carefully, using a small screwdriver, unscrew tool from star nut.
   - Insert fork into frame. (If the tool is not driven out far enough, it can be a bit difficult to get the tool out of the steer tube with the star nut in place; after the tool is in the steer tube, make sure the star nut is fully seated.)

3. Final Assembly and Adjustment:
   - With a soft hammer or mallet, drive the star nut into steer tube until the tool contacts top of steer tube.
   - Adjust alignment of stem and steer tube. Tighten stem cap screw to 6 to 15 in. lbs. of torque.
   - Take a good look at how the headset feels—smoothly without play or restriction.
   - Some settling may occur after a few rides; readjust if necessary.

4. Service of Bearings:
   - Chris King sealed bearings have replaceable snap rings that hold the inner races in place.
   - Replace snap rings as needed, as indicated below.
   - Turn inner race of bearing by hand until the tool contacts the inside edges of the cup skirt, not the top of the bearing.
   - Lay a bead of waterproof grease around the top of the bearing.
   - Replace rubber seal between inner and outer races.
   - Remove cups from head tube (if necessary) using a crown race removal tool to lessen the possibility of warping or deforming the baseplate. If necessary, a 1/4” or 3/8” drift punch can be used to remove the race.