

cobalt and cyan BB instructions



Before you ride: The following instructions should be read thoroughly before installation. Improper installation of your Bottom Bracket may cause an unexpected failure of the parts that could cause you to lose control of your bicycle resulting in serious injury or death. We recommend having your parts installed by a qualified bicycle technician. Crank Brothers assumes no responsibility for malfunction or injury due to faulty installation.

Application: Cobalt Bottom Brackets are intended for cross country use and not for downhill. Cyan Bottom Brackets are intended for Road, but can also be used for cross country riding.

BB compatibility:

Cobalt and Cyan Bottom Bracket have ISIS splines and are only compatible with any ISIS drive certified cranks. The Bottom Brackets work with both a 68mm wide frame shell (with the washer) and with 73mm wide frame shell (without the washer). M15 crankbolts must be used to secure the crank arms to the Bottom Bracket.

Warranty: Crank Brothers stands behind our products and our customers. Cobalt and Cyan Bottom Brackets are warranted for 5 years from the original date of purchase against manufacturing defects and workmanship. This warranty is not valid for "abused", neglected products, or products that are damaged by improper installation or assembly. We define an abused product as one that was subjected to use outside of its design intent. Please pay special attention to the "application" shown earlier in this manual to verify you are using the product for its intended purpose.

If you feel you have a warranty claim, would like to learn more about our warranty policy, or have further questions or comments please visit our web site at www.crankbrothers.com or contact us by phone.

Warning: Use a torque wrench to check that the final tightening torques are within our recommended ranges. Furthermore, after riding approximately 100km (60 miles), use a torque wrench to re-check the tightening torques. It is also important to periodically check the tightening torques.

Read these Technical Service Instructions carefully, and keep them in a safe place for later reference. Loose, worn, or damaged parts may cause injury to the rider.

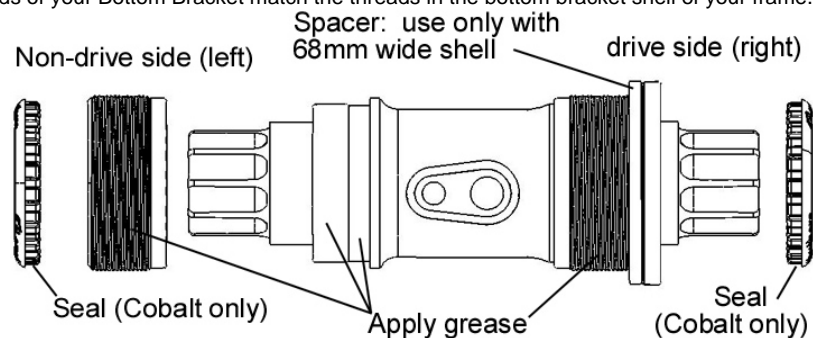
If you feel any looseness in the bottom bracket, the bottom bracket should be serviced or replaced.

For any questions regarding methods of installation, adjustment, maintenance or operation, please contact a professional bicycle dealer.

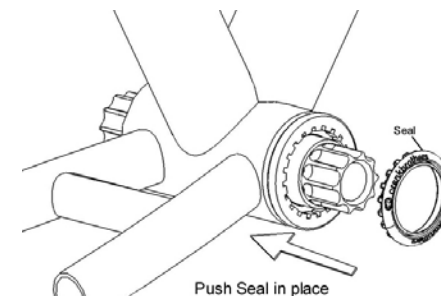
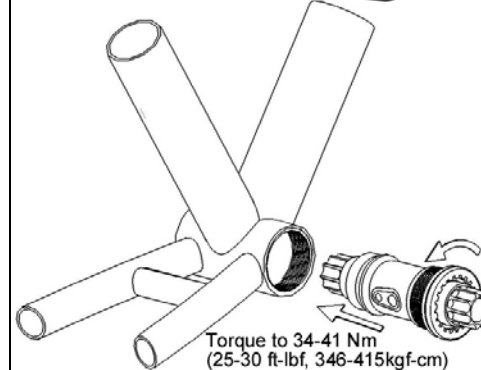
Tools/Supplies: For bottom bracket installation, you need an ISIS socket-type BB tool, torque wrench, and grease.

Parts Preparation:

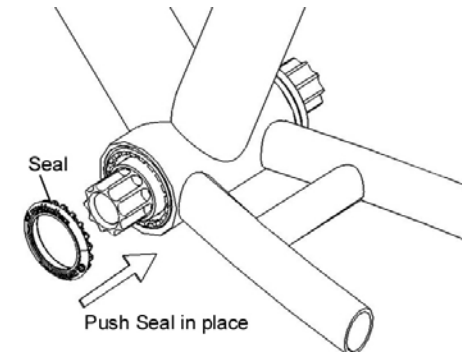
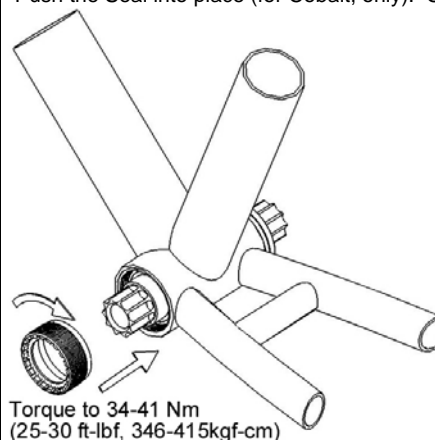
The frame's bottom bracket shell threads should be clean and undamaged. Have your bottom bracket shell chased and faced by your bike shop for best results. Check to make sure that the threads of your Bottom Bracket match the threads in the bottom bracket shell of your frame.



Assembly:



Thread the greased BB into the drive side (right side) of the frame until the flange, or spacer if needed, bottoms against the frame shell face. NOTE: LEFT HANDED THREAD. Torque as shown. Push the Seal into place (for Cobalt, only). Cyan Bottom Brackets do not have this seal.



Thread the greased left adapter cup into the non-drive side (left side) of the frame. NOTE: RIGHT HANDED THREAD. The left adapter cup will not bottom against the left face of the frame shell. Push the Seal into place (for Cobalt, only). Cyan Bottom Brackets do not have this seal.

Crank Installation:

Apply grease or titanium anti-seize liberally as shown below to the spline surfaces of the spindle, the faces of the crank stops, and to the crankbolt threads in order to prepare the bottom bracket for crankarm installation. When installing the crankarms, do not exceed 47 Nm (35 ft-lbf, 484 kgf-cm) torque when tightening. Consult your crankarm instruction manual for exact torque specifications.

