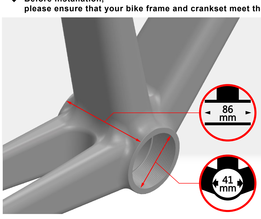
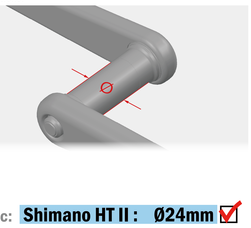
UNI-CORE
Integrated Bottom Bracket

Specification Check

◆ **Before installation,**
please ensure that your bike frame and crankset meet the following specifications.





Bike Frame : BB86

Press-Fit Type
Inner Diameter : 41mm
Width : 86.5mm

Crank Spec: Shimano HT II : Ø24mm ☑

BB86 UNI-CORE Anatomy

◆ **Before installation,**
please ensure that the purchased BB meets the following specifications and includes the following contents.



General Safety

◆ **To install TRiPEAK Bottom Bracket, we strongly recommend that you have a trained bicycle mechanic at your local bike shop.**

◆ **Do not alter this product in any way as it can cause unseen damage. Any modifications to this product will void the warranty.**

◆ **Make sure the crankset is firmly attached to the bottom bracket, Improperly attached cranks can become detached from the BB set.**

◆ **When cleaning the bottom bracket set,only use mild soap and water. Never use high-pressure water jet, It will cause BB cup internal water ingress and influencing the bearing rolling lifetime.**

◆ **If you have any questions or concerns about this product, Please feel free to contact us. E-mail:info@tripeakbearing.com**



Required Tools

TRiPEAK Tool Required : B015
Tool compatible with torque wrench for installation use.



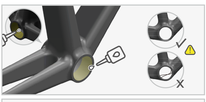
PROTECTION SUPPLIES



OPERATING TOOLS

Bottom Bracket Installation

1 Ensure that the internal cable routing of the frame will not interfere with the bottom bracket (BB) installation. Clean the inside of the BB shell on the frame, ensuring it is smooth and free of debris. Apply a thin layer of grease to the inner edges of the BB shell to assist with smooth BB installation.

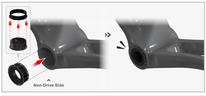


2 Separate the BB body from the adapter; they are to be installed separately.



3 Gently position the non-drive side BB adapter fitted with the Snug Ring into the non-drive side of the frame. Using a dedicated BB installation tool, press the non-drive side BB adapter evenly into the frame until no gap remains between the BB and the frame.

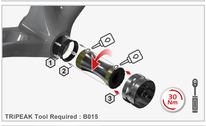
⚠ During pressing, ensure the BB is inserted at a proper vertical angle to the frame. If you encounter excessive resistance while pressing, stop the process and recheck the insertion angle and the BB shell for any debris or deformation.



4 First, fit the Snug Ring onto the frame, and apply grease to both ends of the BB body. Insert the BB body from the drive side of the frame, align it vertically with the threads of the non-drive side BB adapter, and rotate it counterclockwise to insert.

After ensuring the BB body is correctly threaded, use the BB wrench to continue rotating counterclockwise to press it in. Finally, tighten to a torque value of 30Nm, ensuring there is no gap between the BB and the frame's BB shell, completing the BB installation.

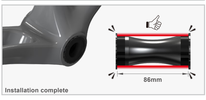
⚠ If the non-drive side BB rotates along with the drive-side BB during installation, prepare another BB wrench (B015) to secure the non-drive side BB in place, ensuring the required torque value is reached.



TRiPEAK Tool Required : B015

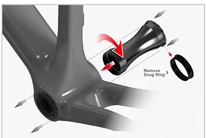
5 Check that both ends of the BB are fully seated against the frame with no visible gaps.

The BB installation is now complete.



Installation complete

⚠ When removing the BB adapter, remove the Snug Ring from the previously detached BB body, reinsert the BB body into the frame, and thread it in by about 5 turns. Then, use the dedicated tool to push against the BB body to press the adapter out of the frame.



Bottom Bracket Maintenance



◆ **For maintaining and servicing TRiPEAK bottom brackets, we strongly recommend hiring a trained bicycle mechanic at your local bike shop.**

◆ **Regular maintenance is generally recommended after riding 5,000-10,000 km. If riding in harsh conditions (wet, dusty, extreme temperatures, etc.), it is advised to perform maintenance immediately after riding.**

◆ **Avoid repeated disassembly and reassembly of the BB Cup unless necessary, as maintenance should only focus on the BB bearings to prevent damage to the frame.**

◆ **Do not use high-pressure water jets to clean the BB to avoid water infiltration and bearing damage.**

◆ **Regularly check the torque value of the BB Cup, and do not ride with a loose BB Cup.**

◆ **Bearing specifications for BB86 UNI-CORE BB.**

Drive Side : 37 x 25 x 7mm (6805-LLB)	Non-Drive : 37 x 25 x 7mm (6805-LLB)

Lubricant Recommendation

TRiPEAK ETERNA LV Fluid



Product NO.
EMA-GS52-003G

Product NO.
EMA-GS52-010G

Reapply lubricant to Bottom Bracket

1 **Carefully use a small tool to gently pry off the out outer seals from the bearings. Use a suitable solvent to clean the bearings thoroughly, removing old lubricant and any debris. Allow them to dry completely.**

⚠ **Be cautious not to damage the seals or the bearings.**



2 **Use TRiPEAK ETERNA LV Fluid or the appropriate lubricant to Add a full lap of bearings. Be sure to use the correct type of lubricant recommended for your specific bearings.**

Rotate the bearings gently by hand to ensure the lubricant is evenly distributed.



3 **Carefully press the seals back into place on the bearings, ensuring they are seated properly and securely.**

After reassembly, check to ensure the bearings move smoothly and without resistance.

UNI-CORE
Integrated Bottom Bracket