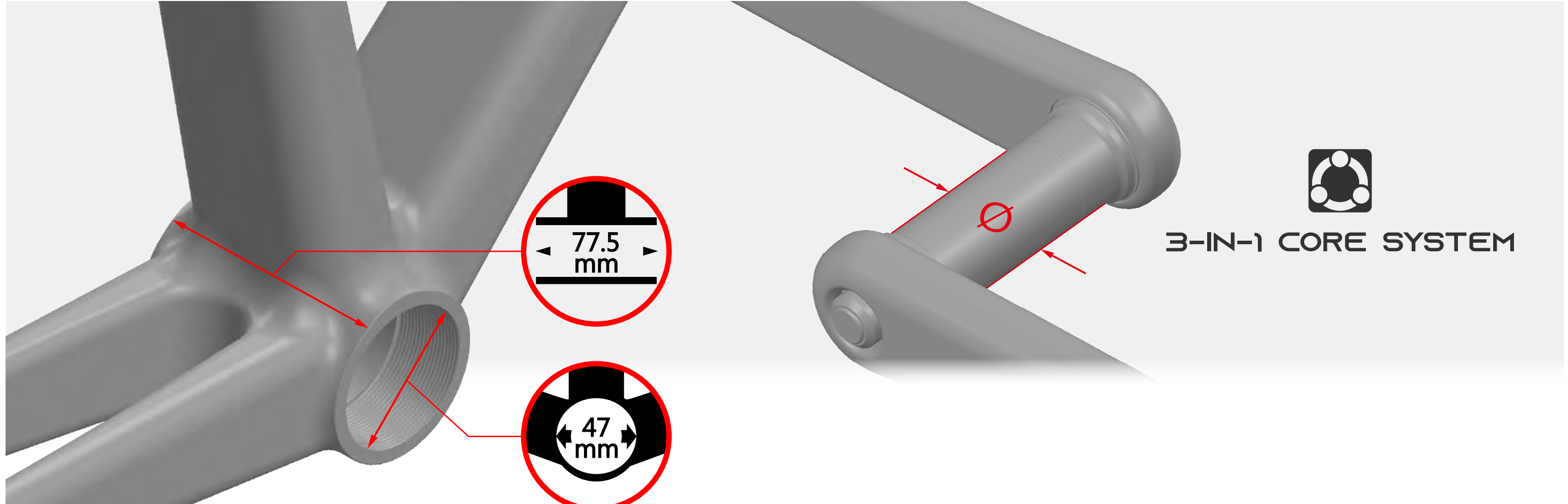


3-IN-1 CORE SYSTEM

Specification Check

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



Bike Frame : T47-77

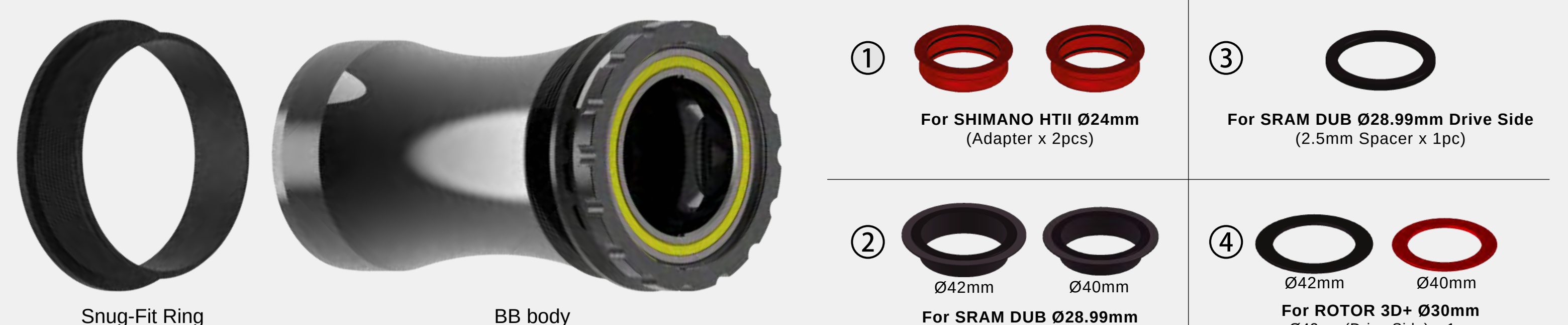
Thread Type
Inner Diameter : 47mm
Width : 77.5mm

Crank Spec:

- Shimano HT II : Ø24mm
- SRAM DUB : Ø28.99mm
- ROTOR 3D+ : Ø30mm

BB T47-77 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



Bottom Bracket Installation

Ensure the internal cable routing of the frame will not interfere with the BB installation. Clean the threads of the frame, and apply a thin layer of grease on the threads and the BB contact surface to prevent seizing with the BB shell.

Separate the Snug-Fit Ring from the BB body. Clean the threads of the BB body and the Snug-Fit Ring, then apply a thin layer of grease to the threads.

Thread the Snug-Fit Ring clockwise by hand into the non-drive side of the frame BB shell. Tighten it as far as possible until it sits close to the frame.

If there is excessive resistance while threading in, stop and check the thread alignment or inspect for any thread damage. If the threads are damaged, re-tap the threads before proceeding.

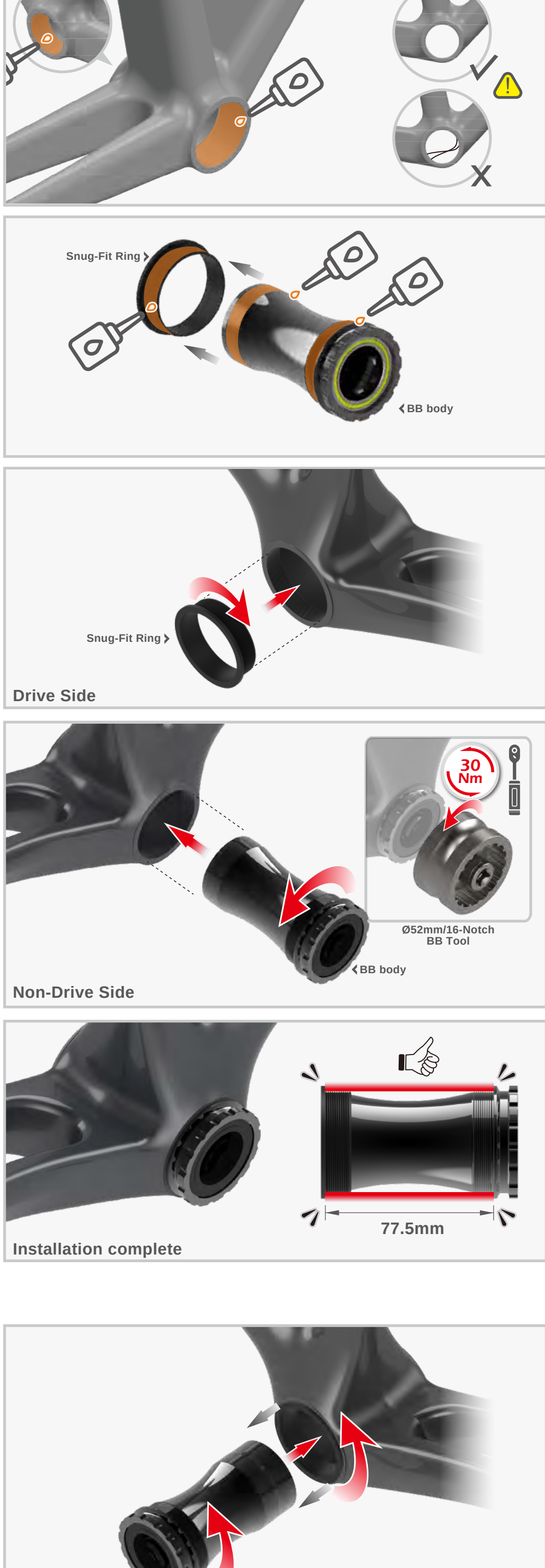
Thread the BB body counterclockwise into the drive side of the frame BB shell. Use the dedicated BB tool with a torque wrench to tighten the BB body to 35-40 Nm. When the BB body comes into contact with the Snug-Fit Ring on the non-drive side, threading resistance will increase. This is normal.

If there is excessive resistance while threading in, stop and check the thread alignment or inspect for any thread damage. If the threads are damaged, re-tap the threads before proceeding.

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

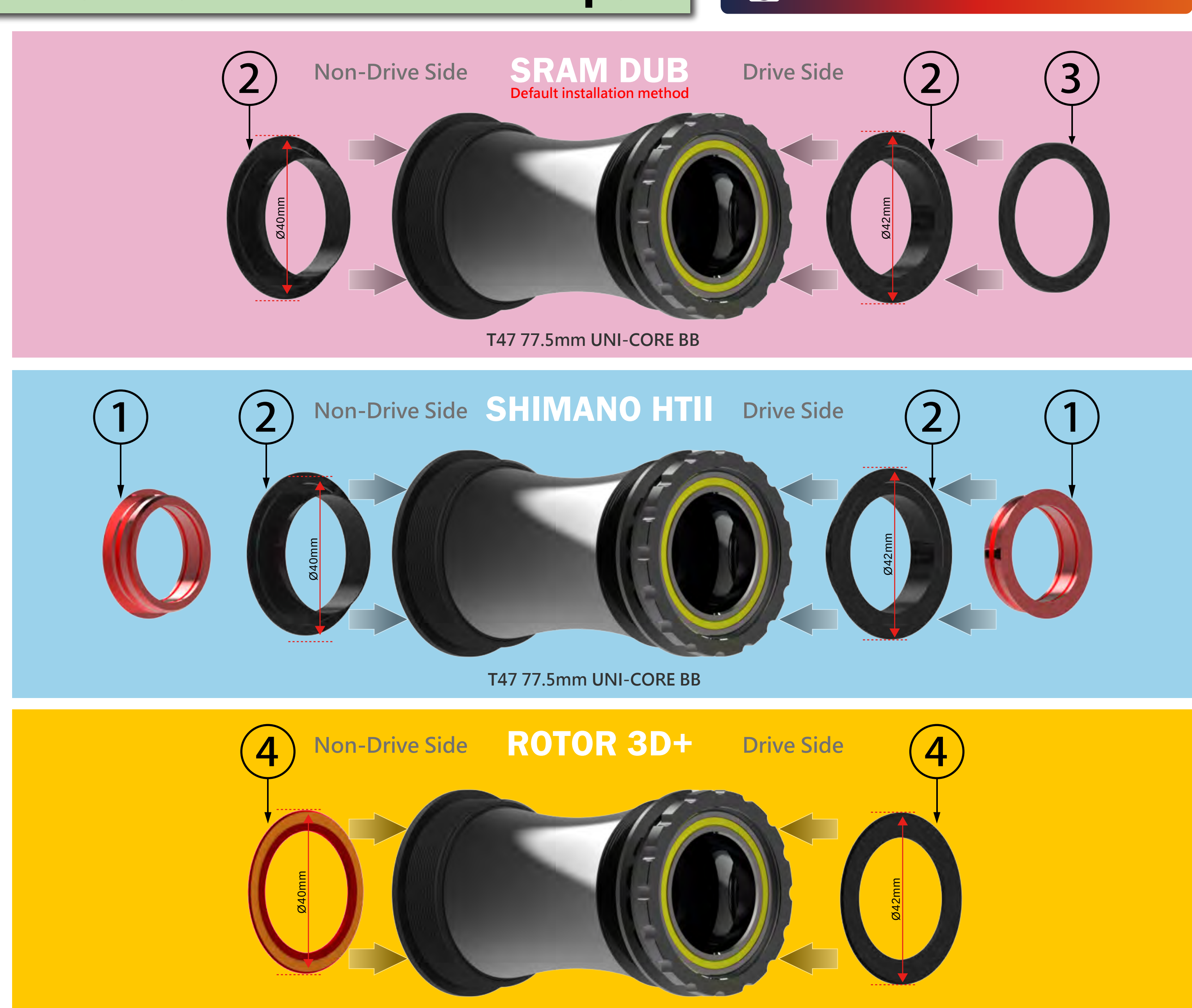
The BB installation is now complete.

For removal, if the Snug-Fit Ring cannot be loosened by hand, insert the removed BB body into the Snug-Fit Ring and turn it counterclockwise to remove the Snug-Fit Ring.



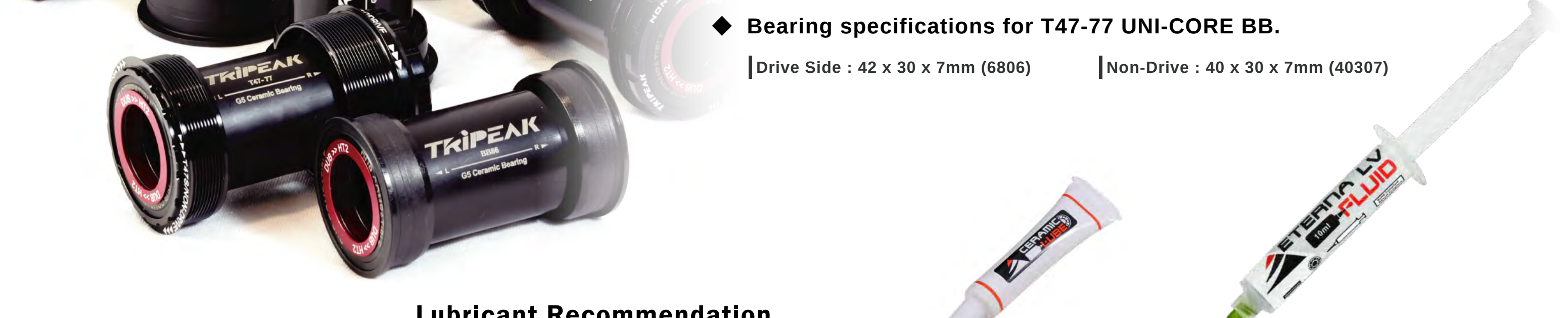
Installation of Crank's Adapter

3-IN-1 CORE SYSTEM



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 T47-77 UNI-CORE BB.
 - Drive Side : 42 x 30 x 7mm (6806)
 - Non-Drive : 40 x 30 x 7mm (40307)



Lubricant Recommendation
TRIPEAK ETERNA LV Fluid



Reapply lubricant to Bottom Bracket

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.

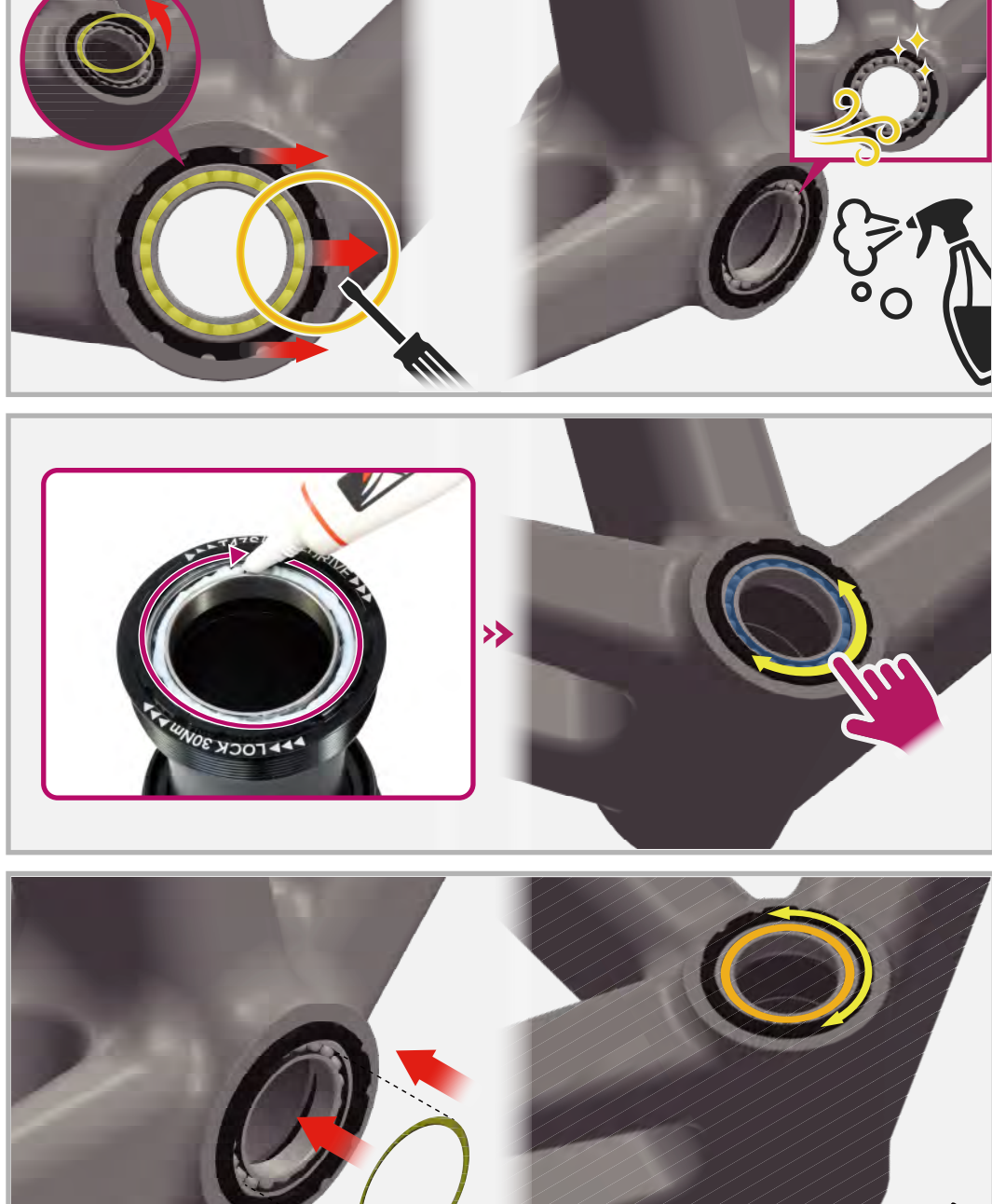
Be cautious not to damage the seals or the bearings.

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.

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.



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