



Paragon Machine Works

Tapping a T47 Bottom Bracket Shell

1. Lubricate the tap and inside the bottom bracket shell.
Note: different types of lubricants are required for different materials.
2. **Do not apply excessive force on the tap**, it will break!
3. If the tap gets stuck and/or makes noise, do the following:
 - a. STOP.
 - b. Let the tap cool. Heat can cause a titanium bottom bracket shell to expand, leading to breakage if excess force is applied.
 - c. Once cool, gently work the tap back and forth to remove it from the shell. If tap is stuck, you may not be able to remove it without irreparable damage to the tap or the bottom bracket shell.

WARNING: cutting tools may break and/or shatter under heavy use; wear eye protection and use extreme caution.