SPORTENZIA

USER GUIDE

# TOOPRE 5-IN-1 BOTTOM BRACKET TOOL

Aluminium cup wrench with five toothed profiles and a 3/8" drive, for removing and fitting Shimano, SRAM DUB, BSA30 and BB386 bottom brackets. Compatibility, direction of rotation, procedure and troubleshooting.

**REF. OT5** · 5 PROFILES, 3/8" DRIVE · CNC ALUMINIUM, ABOUT 98 G




01 · GETTING STARTED

## COMPATIBILITY, DIRECTION, SAFETY

### What the tool does

This wrench fits over the external notches of a bottom bracket cup to unscrew or screw it in. It has **five toothed profiles** in steps, a **3/8" square drive** for a ratchet or a torque wrench, and a **knurled ring** to seat it and turn it by hand.

### Compatibility

| GROUP | BOTTOM BRACKETS AND MODELS |
|---|---|
| 1 | BB91, BB109, BB30SH, PF30SH, BB86-30, BB30-30, SM-BB52 |
| 2 | SM-BBR60, MT800 |
| 3 | SM-BB93, BB9000, BB9100 |
| 4 | SRAM DUB series |
| 5 | F-MEGA BSA30, MEGA BB386 |

Each group matches one profile. The tool works on parts with external notches: a pressed-in bearing without notches comes out with a bearing press.

**BEFORE YOU START**

- Read the reference engraved on the bottom bracket or its cup: it tells you the group, and so the profile to use.
- On a threaded bottom bracket, note where any spacers sit as you remove it: they go back exactly the same way.

### Specifications

| | | | |
|---|---|---|---|
| Use | **Fitting and removal** | Profiles | **5** |
| Drive | **3/8" (9.5 mm)** | Grip | **Knurled ring** |
| Material | **Anodised CNC alu** | Weight | **About 98 g** |

**DIRECTION OF ROTATION**

- English threaded bottom bracket (BSA): the drive-side thread is reversed. The cup loosens clockwise.
- Non-drive side: standard thread, the cup loosens anticlockwise.
- An arrow engraved on the cup often shows the tightening direction: follow it.

**BEFORE APPLYING FORCE**

- Hold the bike in a work stand or steady on the ground: a moving frame makes the tool slip.
- Seat the profile fully and square: teeth that only half engage damage the notches.
- If the wrench slips, your hand hits the frame: pull the wrench towards you rather than pushing it.

02 · PROCEDURE

# REMOVAL, FITTING, TROUBLESHOOTING

## Removing the bottom bracket

1. **Remove the crankset** cranks and spindle, following its maker's instructions: the cup must be clear.
2. **Clean the notches** with a brush and a rag: grease and mud stop the tool from seating fully.
3. **Pick the profile** by offering the tool to the cup: the right one slides in without play to the bottom of the notches.
4. **Fit the wrench** into the 3/8" drive. Seat the tool fully and hold it flat with one hand.
5. **Loosen** with a firm, steady effort in the right direction. Once the cup gives, finish by hand on the knurled ring.

## Fitting the bottom bracket

6. **Prepare the threads** clean and greased, or as the bottom bracket maker instructs.
7. **Screw in by hand** for the first turns using the knurled ring, cup straight. If it binds, back it out and start again.
8. **Tighten to torque** with a 3/8" torque wrench, to the value given by the bottom bracket maker.
9. **Refit the crankset** then check that the spindle turns freely and without play.

## Care

- Wipe the tool after use and store it dry, away from steel tools that mark the anodising.
- Crushed teeth no longer grip: replace the tool rather than forcing it.

> GOOD HABIT
>
> Once you have found the right profile, mark it (a felt-tip dot is enough): you will find it straight away when refitting and at the next service.



*Tool seated on the cup; a 3/8" ratchet fits its central square drive.*

## If something goes wrong

| SYMPTOM | LIKELY CAUSE | FIX |
|---|---|---|
| Tool does not seat | Wrong profile, dirty notches | Try another profile, clean |
| Tool slips | Not fully seated or not square | Seat it fully, hold it flat |
| Cup will not move | Wrong direction, seized thread | Check the direction, apply penetrating oil, wait |
| Cup binds when refitting | Cross-threaded | Back it out, realign, restart by hand |

## Need help?

**sportenzia.com/pages/contact**

Our team helps you pick the right profile and answers your questions.