SPORTENZIA

USER GUIDE

TOOPRE HOLLOWTECH II PRELOAD CAP TOOL

Four-arm tool that screws and unscrews the preload cap of Hollowtech II cranksets. Removing the left crank, refitting, setting the play and troubleshooting.



REF. TOOPRBOUCBLCK1 · HOLLOWTECH II AND COMPATIBLE CAPS · ANODISED ALUMINIUM, ABOUT 20 G

01 · GETTING STARTED

CONTENTS, COMPATIBILITY, REMOVAL

What the tool does

In the box: **one Toopre tool** for Hollowtech II preload caps. Its splines fit into the small cap screwed into the centre of the left crank; the four-arm cross is turned by hand.

The cap sets the crankset's **side play**, it does not hold the crank: the two pinch bolts do. Compatible with Shimano XT, XTR, Ultegra, Dura-Ace cranksets and other road and MTB cranksets with the same spline profile.

BEFORE YOU START

- An Allen key that fits the pinch bolts of your crank.
- A small flat screwdriver for the safety plate.
- Grease and a clean cloth; a torque wrench for refitting.

Removing the left crank

1. **Secure the bike** in a work stand or upside down, cranks free to turn.
2. **Loosen both pinch bolts** on the left crank, alternating, a few turns each.
3. **Unscrew the cap** with the tool, splines pushed fully home, anticlockwise.
4. **Lift the safety plate** (the tab between the two bolts, if your crank has one) with the screwdriver.
5. **Remove the crank** by pulling it straight off. The axle and right crank then come out on the drive side.

Specifications

Use	**Hollowtech II**	Width	**40 mm**
Height	**23 mm**	Splines	**Ø 14.5 mm**
Weight	**About 20 g**	Material	**CNC-machined aluminium**
Finish	**Sandblasted, anodised**	Colour	**Black**

BEFORE RIDING

- A poorly tightened crank can work loose while riding and cause a fall.
- Always tighten the pinch bolts to the torque stated by the crankset maker.
- Never ride with the safety plate raised.
- Check the bolts again after the first rides.

GOOD TO KNOW

- The tool is for the cap only: not for the pinch bolts or the bottom bracket cups.
- The cap is often plastic: push the tool fully home and turn without forcing to avoid damaging its splines.

02 · REFITTING

REFIT, SET THE PLAY, TROUBLESHOOT

Refitting and setting the preload

1. **Clean and grease** the axle and crank splines lightly.
2. **Fit the left crank** onto the axle, opposite the right crank, lining up the wider spline on the axle with the one in the crank.
3. **Screw in the cap** by hand, then with the tool, until the play is gone. Light, fingertip tightening: it does not lock anything.
4. **Push the safety plate down** until it seats.
5. **Tighten both bolts** alternating, in small steps, to the specified torque, preferably with a torque wrench.
6. **Check** by pushing and pulling the crank sideways: no play. Spin it: free rotation, no tight spot.

If something goes wrong

SYMPTOM	LIKELY CAUSE	FIX
Side play	Cap not screwed in enough	Loosen the bolts, turn the cap in slightly, retighten
Tight spot when turning	Cap screwed in too far	Loosen the bolts, back the cap off slightly, retighten
Tool slips	Tool not fully home, dirty splines	Clean, push the tool fully in
Crank will not come off	Safety plate still engaged	Lift the plate

REGULAR CHECK

- Every so often, grab a crank and push it sideways: the crankset must not move.
- Play or a knock when pedalling is corrected at the cap, with the pinch bolts loosened, then retightened to torque.



The tool engaged in the cap of the left crank.

DO NOT

- Tighten the cap like a fixing bolt: the crankset would turn stiffly.
- Hammer or extend the arms to free a stuck cap.
- Screw in the cap after tightening the bolts: set the play first.

Care

- Wipe the tool after use, especially if it has touched grease.
- Before each use, check that its splines are neither dirty nor marked.
- Store it dry, with your tools or in a saddle bag.

Need help?

sportenzia.com/pages/contact

Our team answers your questions about fitting and use.

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