M30 BB30/PF30 68mm ROAD / 73mm MTN

SAFETY INFORMATION - READ BEFORE RIDE

Since specific tools and experience are necessary for proper installation, it is recommended that the product be installed by a qualified bicycle technician.

Read the service instructions of your crank carefully prior to installing the parts. Loose, worn or damaged parts may cause riding problems and serious injury may occur as a result. If installation and adjustments are not carried out correctly, the chain may come off and this may cause you to fall off the bicycle which could result in serious injury.
Read these instructions carefully, and keep them for later use.

- Ensure that your BB30/PF30 frame shell is clean. If a BB30 frame, remove the c-clips/bearings so frame shell is empty.
- Before riding the bicycle, check that there is no play or looseness in the bottom bracket connection. Also, be sure to retighten the crankarms and pedals at periodic intervals.
- If you feel any looseness or 'play' in the bearings, the bottom bracket should be inspected/replaced.
- Be sure to read the instructions for your front chainrings/crank in conjunction with these service instructions.
- **Do not wash the bottom bracket with high-pressure jets of water.**
- For maximum performance it is required to remove and periodically inspect/clean your Praxis Works bottom bracket.
- **Parts are not guaranteed against natural wear or deterioration resulting from normal use.**
- For any questions regarding methods of installation, adjustment, maintenance or operation, please contact a professional bicycle dealer or call Praxis Works.
- Praxis Works assumes no responsibility for damages or injury related to improperly installed components.

READ THE STEP BY STEP INSTRUCTIONS PROVIDED ON THE OTHER SIDE.

WARRANTY

- Praxis Works Bottom Bracket products are warrantied to be free from defects in materials or workmanship for two years after original purchase. The warranty is non-transferable and valid to the original purchaser of the product only.
- Any attempt to modify the product in any way such as drilling, grinding or painting will void the warranty.
- This warranty is not valid for "abused" or neglected products, or products that are damaged by improper installation.
- If a defect is found, our entire liability and your sole remedy shall be, at our option, free repair or replacement of the Praxis product.
- Except as expressly required by law, Praxis Works shall not be held liable for any indirect, special, or consequential damages.

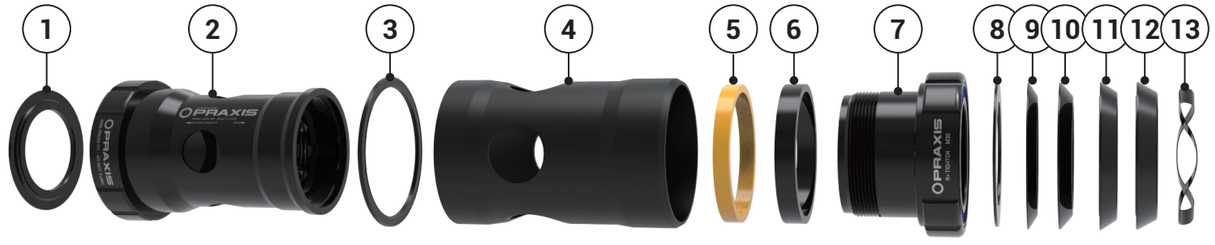
THIS WRITTEN EXPRESS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, IMPLIED OR EXPRESSED. This warranty gives you specific legal rights, and you may also have other rights which vary state to state. **For more information on warranty policy and instructions for completing a warranty claim, check out the Full Warranty Policy found at our website. www.praxis-works.com**

Note: specifications are subject to change without notice. ©MAY 2026 by Praxis Works, LLC

Rev K

M30 BB30/PF30 | Compatibility and Spec	
CRANKSET	Compatible with Praxis MTN or ROAD Cranksets 73mm for MTB Cranks only | 68mm for Road Cranks only
FRAME SHELL	Only for BB30, PF30, and Specialized OSBB Frames

Included Parts		
Number	**Part**	**Qty**
1	**28mm** ID X 2mm Dust Cover	1
2	LEFT/NON-DRIVE Cup **28mm** ID Bearing	1
3	Width Tolerance O-Ring	1
4	Delrin PF Sleeve (used on PF frames)	1
5	Orange Rubber Collet	1
6	Black Plastic Compression sleeve	1
7	RIGHT/DRIVE Cup **30mm** ID Bearing	1
8	30mm ID X 1mm Dust Cover	1
9	30mm ID X 2mm Dust Cover	1
10	30mm ID X 3mm Dust Cover	1
11	30mm ID X 4mm Dust Cover	1
12	30mm ID X 5mm Dust Cover	1
13	Wave Washer	1

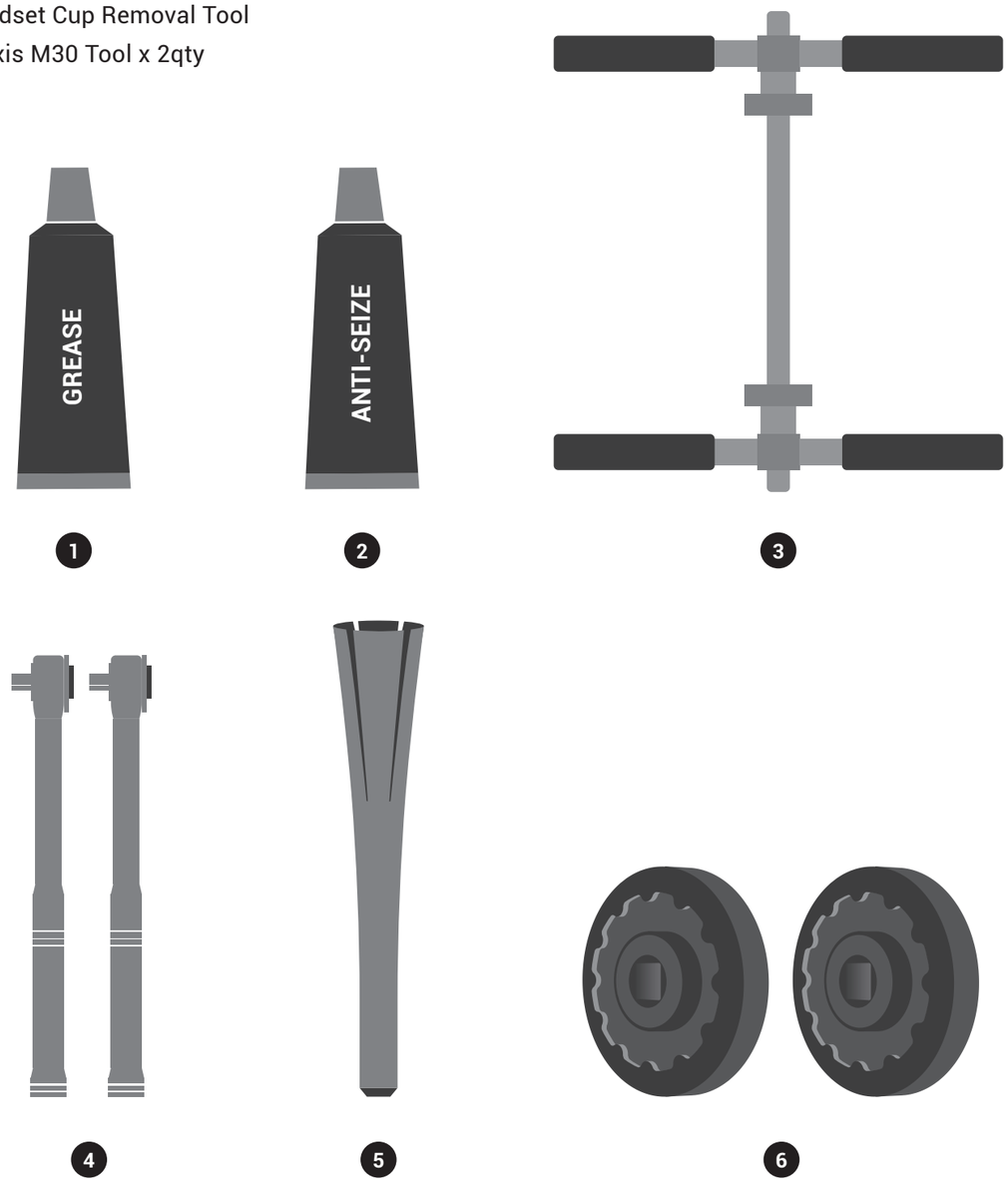


Praxis Works, LLC 207 MCPHERSON ST. SUITE E. SANTA CRUZ, CA 95060 www.praxis-works.com

TOOLS REQUIRED

Tools Needed

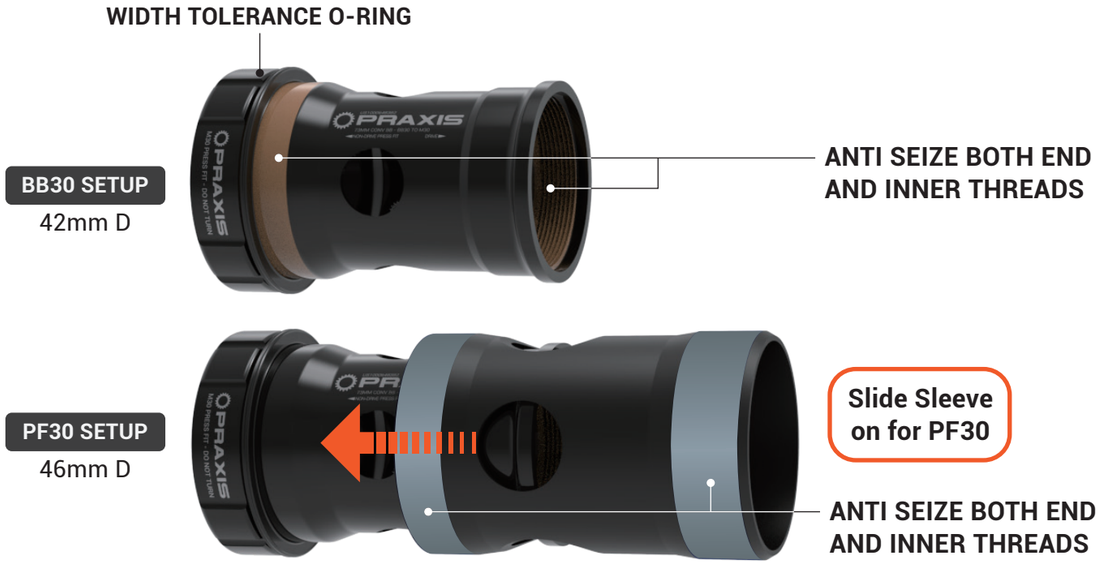
1. Waterproof Grease
2. Anti-seize
3. Bearing Press Tool
4. 3/8" Socket Wrench x 2qty
5. Headset Cup Removal Tool
6. Praxis M30 Tool x 2qty



BB CUP PREPARATION

NON-DRIVE/LEFT CUP

1. Make sure Width Tolerance O-ring is on Left/Non-Drive Cup. This is required to accommodate frame BB width variances
2. **FOR BB30** - Remove PF Sleeve **(not used with BB30!)**. Apply thin coating of **anti-seize** to both ends of the BB cup contact surfaces and the threads
3. **FOR PF30** - Slide PF Sleeve on. **Grease** both ends of the PF Sleeve contact surfaces. Then put **anti-seize** on the inner threads

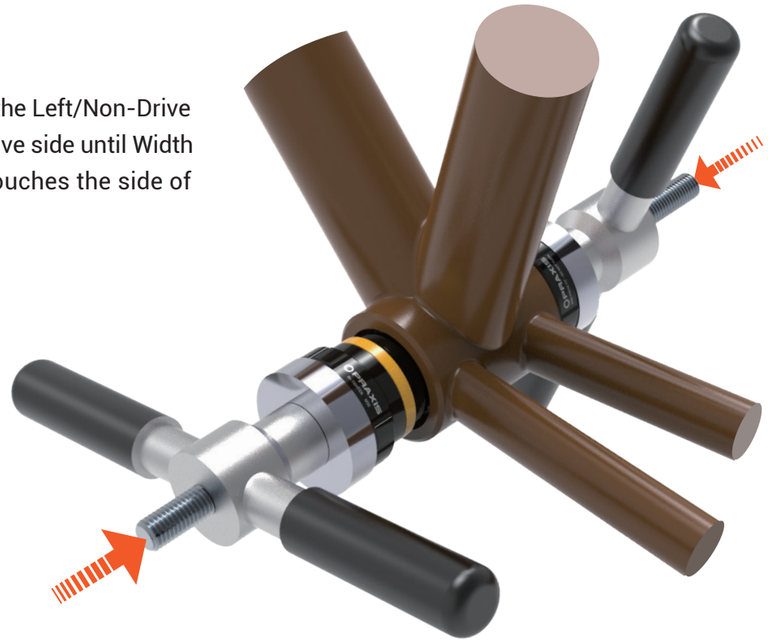


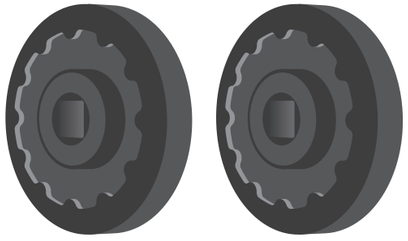
DRIVE/RIGHT CUP

1. Slide the Black Plastic Sleeve and then the Orange Rubber Collet onto the cup. **This is critical to the function of your BB**
2. Apply thin coating of **anti-seize** to the Right/Drive cup threads
3. Apply thin coating of **grease** to the outside of the Orange Rubber Collet and Black Plastic Sleeve

BOTTOM BRACKET INSTALLATION

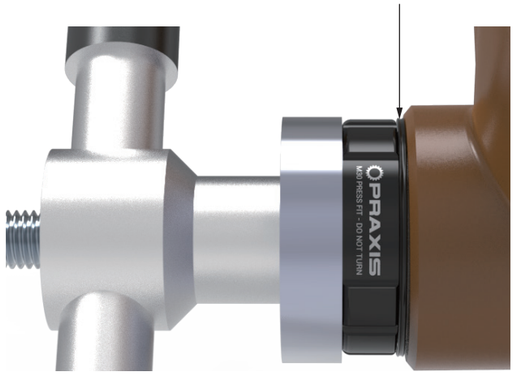
1. With a press tool, **GENTLY** press the Left/Non-Drive cup into the frame's Left/Non-Drive side until Width Tolerance O-ring just **BARELY** touches the side of frame





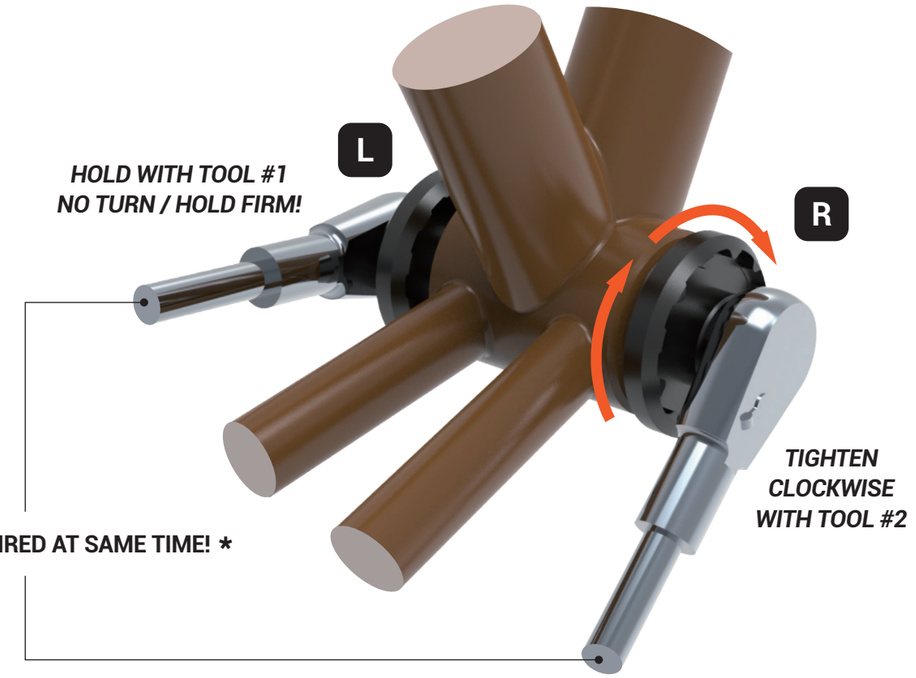
Praxis M30 Tool x 2qty

2. Start threading the **Right/Drive Cup** in **CLOCKWISE** with your **M30 BB tool**. As it threads in, you will feel friction build as the Orange Rubber Collet expands inside the frame. ***THIS IS NORMAL***



3. **TURN Right/Drive Cup UNTIL IT STOPS.** With 2nd BB tool, hold Left/Non-Drive Cup in place while you **tighten Drive cup fully**. The 2nd tool gives you leverage so you feel when the Drive cup bottoms out on the Non-Drive cup

The Drive Cup has a machined stop and by design it **MUST** be tightened until it bottoms out on the Non-Drive cup. This precisely sets/stops the Collet expansion.

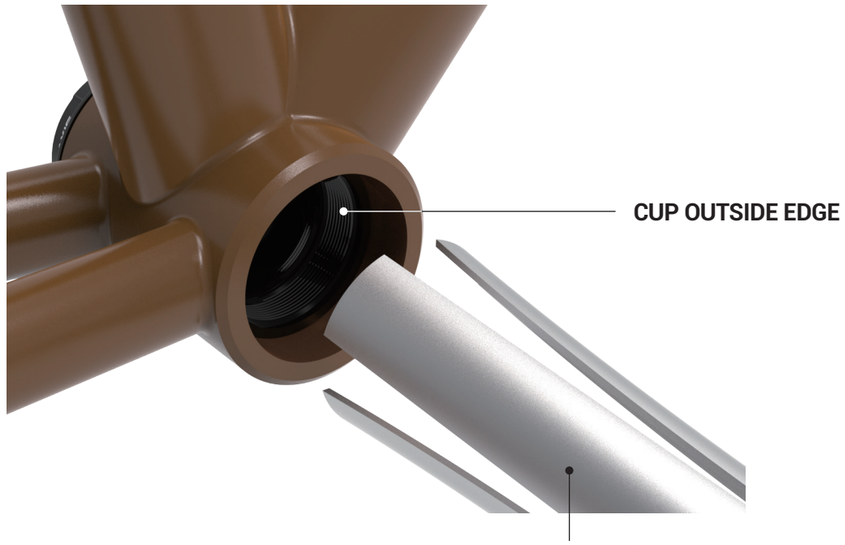


4. See next page for correct Dust Covers for your crank. Lightly grease underside of Dust Covers and place them over bearings **with Praxis logos facing outward.**

   Now you can install the crank

BOTTOM BRACKET REMOVAL

1. Unscrew the Right/Drive Cup **COUNTER-CLOCKWISE** and remove. **Use one tool to hold the Left side for leverage, and the other to unscrew the Drive cup.**
2. Once the Drive Cup is removed, slide a headset cup removal tool through from the drive side and it **will catch outside edge of the Non- Drive cup**
3. **Carefully bracing the tool and frame, very gently hammer/tap the removal tool to push the Non-Drive Cup out of frame**



We recommend using a 1.5" cup removal tool (photo) as it has a wide stance.

CRANK INSTALLATION

Please see CRANK instructions at **www.praxiscycles.com/manuals**

BB DUST COVER SETUP

Only 1 cover per side!

REFERENCE
FRAME BB SPECS

BB DUST COVER GUIDE

ROAD M30	WIDTH	CRANK	LEFT 28mm Cover	LEFT CUP SPACER	RIGHT CUP SPACER	RIGHT 30mm Cover
BSA	68mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm
T47 E.B.	68mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm
T47 I.B.	85.5mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm
BB86	86.5mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm
386EVO	86.5mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm
* BB30/PF30	68mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm
BBRight	79mm	ROAD DM	2mm	-	-	1mm
		ROAD DM "GR"	2mm	-	-	3mm
		ROAD NON-DM	2mm	-	-	2mm

DM = DIRECT MOUNT SPIDER (Removable Spider)
NON-DM = NOT DIRECT MOUNT SPIDER (Integrated or Pressed-On Spider)
DM GR = DIRECT MOUNT SPIDER - GRAVEL CRANK (Removeable Spider "GR" crank)

MTN M30	WIDTH	CRANK	LEFT 28mm Cover	LEFT CUP SPACER	RIGHT CUP SPACER	RIGHT 30mm Cover
BSA	68mm	GEN1 MTN DM	2mm	2.5	2.5	1mm
		GEN1 MTN NON-DM	2mm	2.5	2.5	5mm
		GEN2 MTN DM	2mm	2.5	2.5	4mm
	73mm	GEN1 MTN DM	2mm	-	-	1mm
		GEN1 MTN NON-DM	2mm	-	-	5mm
		GEN2 MTN DM	2mm	-	-	4mm
	100mm	GEN2 FAT CRANK	7.6mm	-	-	9.4mm
T47 E.B.	73mm	GEN1 MTN DM	2mm	-	-	1mm
		GEN1 MTN NON-DM	2mm	-	-	5mm
		GEN2 MTN DM	2mm	-	-	4mm
T47 I.B.	89.5mm	GEN1 MTN DM	2mm	-	-	1mm
		GEN1 MTN NON-DM	2mm	-	-	5mm
		GEN2 MTN DM	2mm	-	-	4mm
BB90	89.5mm	GEN1 MTN DM	2mm	-	-	2mm
		GEN1 MTN NON-DM	2mm	-	-	5mm
		GEN2 MTN DM	2mm	-	-	5mm
BB92	92mm	GEN1 MTN DM	2mm	-	-	1mm
		GEN1 MTN NON-DM	2mm	-	-	2mm
		GEN2 MTN DM	2mm	-	-	3mm
* BB30/PF30	73mm	GEN1 MTN DM	2mm	-	-	1mm
		GEN1 MTN NON-DM	2mm	-	-	5mm
		GEN2 MTN DM	2mm	-	-	4mm