M24 BSA

English Threaded BB For M24 Road or MTN Cranks

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 BSA frame shell is clean and free of any debris.
- Apply Anti-Seize to the BB cup threads and frame threads before installing.
- Before riding the bicycle, check that there is no play or looseness in the bottom bracket connection. Also, be sure to retighten the crank arms 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 INSTALLATION THAT ARE 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**

M24 BSA I Compatibility and Spec	
CRANKSET	Compatible with ALL Praxis M24 (steel spindle) Cranks and SRAM GXP cranks
FRAME SHELL	BSA 68mm Road Frames I BSA 68/73mm MTB Frames
FRONT DERAILLEUR	Braze-on, ST Clamp, or Direct Mount - E-type only when on 68mm MTB

Included Parts

Number	Part	Qty
1	22mm ID X 1.7mm Dust Cover (Stepped Cover)	1
2	Non-Drive Side (L) Cup I 22mm ID Bearing	1
3	BB Cup Spacer for 68mm MTN ONLY	1
4	Moisture Seal	1
5	BB Cup Spacer for 68mm MTN ONLY	1
6	Drive Side (R) Cup I 24mm ID Bearing	1
7	24mm ID X 2mm Dust Cover	1
8	24mm ID X 3.7mm Dust Cover	1
9	Wave Washer	1

LEFT/NON-DRIVE
22mm I.D.

FOR PARTS IDENTIFICATION USE ONLY

RIGHT/DRIVE
24mm I.D.

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

Rev I

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

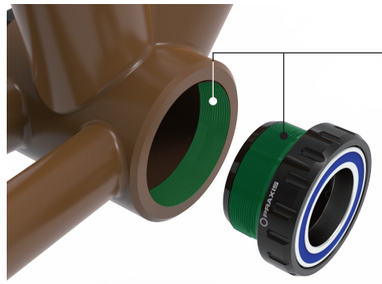
TOOLS REQUIRED

Tools Needed

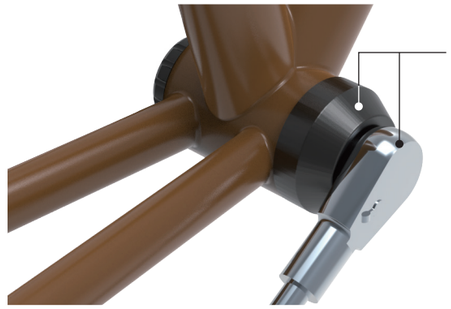
1. Waterproof Grease
2. Anti-Seize Compound
3. 3/8" Torque Wrench
4. Any standard BB tool for 16-notch 44mm outboard BB cups

BOTTOM BRACKET INSTALLATION

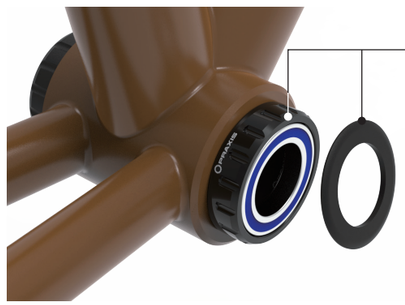
1. Apply grease or anti-seize to the frame & BB cup threads
2. **Locate, Read** and **Follow** the directional arrows on the cups
3. Thread the Right/Drive cup into the frame's Right/Drive side
4. Thread the Left/Non-Drive cup with the attached moisture seal into the frame's Left/Non-Drive side
5. Finish by tightening both cups to 40Nm of torque
6. See next page to find 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



1.Apply grease or anti-seize to the frame & BB cup threads



Install and torque one cup to 40Nm with the 16-Notch BB Tool before installing the opposite cup.



6. See next page to find 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 your Praxis crank

VIP **:** The 2 Cup Spacers included are **ONLY** used for MTN bike cranks on **68mm** wide frames!

*** CRANK INSTALLATION ***

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

BB DUST COVER SETUP

Use ONLY 1 Dust Cover per side!
Wave Washer goes on the RIGHT/DRIVE side!

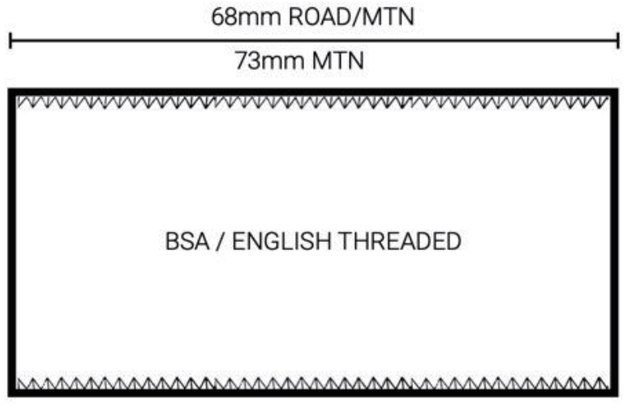
LEFT/NON-DRIVE
22mm I.D.
(Stepped Cover)

RIGHT/DRIVE
24mm I.D.

NEXT PAGE FOR M24 DUST COVER GUIDE

RIGHT/DRIVE WAVE WASHER

REFERENCE
FRAME BB SPECS



BB DUST COVER GUIDE

ROAD M24	WIDTH	M24 CRANK	LEFT 22mm Cover	LEFT CUP SPACER	RIGHT CUP SPACER	RIGHT 24mm Cover
* BSA	68mm	ROAD DM	1.7mm	-	-	2mm
		ROAD NON-DM	1.7mm	-	-	2mm
		SRAM ROAD GxP	1.7mm	-	-	2mm
T47 E.B.	68mm	ROAD DM	1.7mm	-	-	1mm
		ROAD NON-DM	1.7mm	-	-	1mm
		SRAM ROAD GxP	1.7mm	-	-	1mm
T47 I.B.	85.5mm	ROAD DM	1.7mm	-	-	1mm
		ROAD NON-DM	1.7mm	-	-	1mm
		SRAM ROAD GxP	1.7mm	-	-	1mm
BB86	86.5mm	ROAD DM	1.7mm	-	-	2mm
		ROAD NON-DM	1.7mm	-	-	2mm
		SRAM ROAD GxP	1.7mm	-	-	2mm
BB30/PF30	68mm	ROAD DM	1.7mm	-	-	2mm
		ROAD NON-DM	1.7mm	-	-	2mm
		SRAM ROAD GxP	1.7mm	-	-	2mm

DM = DIRECT MOUNT SPIDER (Removable Spider)
NON-DM = NOT DIRECT MOUNT SPIDER (Integrated or Pressed-On Spider)

MTN M24	WIDTH	M24 CRANK	LEFT 22mm Cover	LEFT CUP SPACER	RIGHT CUP SPACER	RIGHT 24mm Cover
* BSA	68mm	GEN1 MTN DM	1.7mm	2.5	2.5	2mm
		GEN1 MTN NON-DM	1.7mm	2.5	2.5	3.7mm
		GEN2 MTN DM	1.7mm	2.5	2.5	3.7mm
		SRAM MTN GxP	1.7mm	2.5	2.5	3.7mm
	73mm	GEN1 MTN NON-DM	1.7mm	-	-	2mm
		GEN2 MTN DM	1.7mm	-	-	3.7mm
		GEN1 DH HOLLOW	1.7mm	-	-	3.7mm
		GEN2 DH"9"	1.7mm	-	-	3.7mm
T47 E.B.	73mm	GEN1 MTN NON-DM	1.7mm	-	-	1mm
		GEN2 MTN DM	1.7mm	-	-	3.7mm
		GEN1 DH HOLLOW	1.7mm	-	-	3.7mm
		GEN2 DH"9"	1.7mm	-	-	3.7mm
T47 I.B.	89.5mm	GEN1 MTN NON-DM	1.7mm	-	-	2mm
		GEN2 MTN DM	1.7mm	-	-	3.7mm
		GEN1 DH HOLLOW	1.7mm	-	-	3.7mm
		GEN2 DH"9"	1.7mm	-	-	3.7mm
BB90	89.5mm	GEN1 MTN NON-DM	1.7mm	-	-	3.7mm
		GEN2 MTN DM	1.7mm	-	-	6.8mm
		GEN1 DH HOLLOW	1.7mm	-	-	6.8mm
		GEN2 DH"9"	1.7mm	-	-	6.8mm
BB92	92mm	GEN1 MTN NON-DM	1.7mm	-	-	2mm
		GEN2 MTN DM	1.7mm	-	-	3.7mm
		GEN1 DH HOLLOW	1.7mm	-	-	3.7mm
		GEN2 DH"9"	1.7mm	-	-	3.7mm
BB30/PF30	73mm	GEN1 MTN NON-DM	1.7mm	-	-	2mm
		GEN2 MTN DM	1.7mm	-	-	3.7mm
		GEN1 DH HOLLOW	1.7mm	-	-	3.7mm
		GEN2 DH"9"	1.7mm	-	-	3.7mm