M30 BSA

English Threaded BB - FOR M30 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 the BSA frame shell is clean.
- Apply **Anti-Seize** to the drive cup threads and smooth taper area 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 INSTRUCTIONS 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**

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

Rev P

M30 BSA | Compatibility and Spec	
CRANKSET	Compatible with Praxis M30 Cranks.
FRAME SHELL	BSA 68mm Road | BSA 68/73mm MTN | BSA 83mm DH | BSA 100mm FAT

Included Parts		
Number	**Part**	**Qty**
1	**28mm** ID X 2mm Dust Cover (Stepped Cover)	1
2	Non-Drive Side (L) Cup | **28mm** 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 | **30mm** ID Bearing	1
7	30mm ID X 1mm Dust Cover	1
8	30mm ID X 2mm Dust Cover	1
9	30mm ID X 3mm Dust Cover	1
10	30mm ID X 4mm Dust Cover	1
11	30mm ID X 5mm Dust Cover	1
12	Wave Washer	1

LEFT/NON-DRIVE
28mm I.D.

PARTS IDENTIFICATION USE ONLY

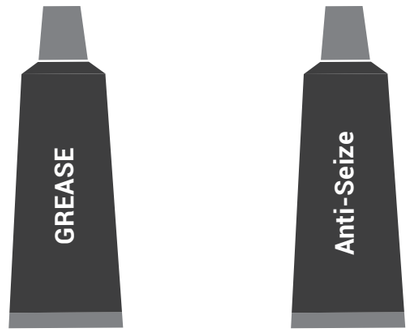
RIGHT/DRIVE
30mm I.D.

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. Socket Wrench
4. Torque Wrench
5. Single Praxis M30 Tool

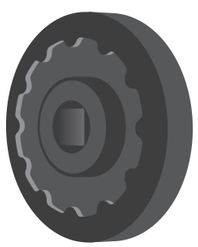


1

2

2

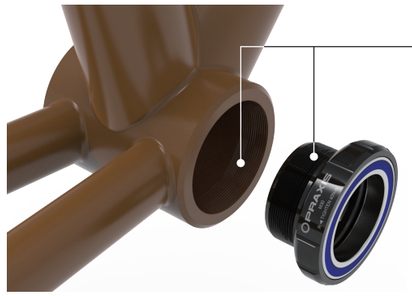
3



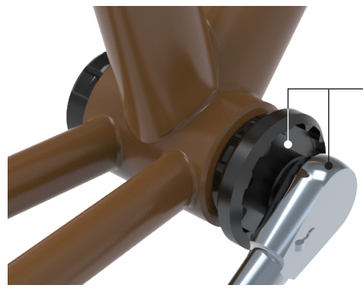
4

BOTTOM BRACKET INSTALLATION

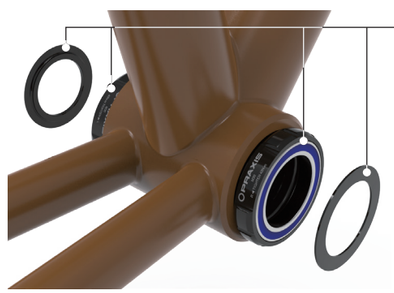
1. Apply grease or anti-seize to the frame & BB cup threads
2. **Locate, Read** and **Follow** the directional arrows on the cups
3. Thread the Right/Drive cup into the frame's Right/Drive side
4. Thread the Left/Non-Drive cup with the attached moisture seal into the frame's Left/Non-Drive side
5. Finish by tightening both cups to 40Nm of torque with a **Praxis M30 Tool**
6. **See next page** to find correct Dust Covers for your crank. Lightly grease underside of Dust Covers and place them over bearings **with logos facing outward.** Now you can install your Praxis crank



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



Install and torque one cup to 40Nm with the Praxis M30 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 logos facing outward.** Now you can install your Praxis crank

2.5mm Cup Spacers

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

*** CRANK INSTALLATION ***

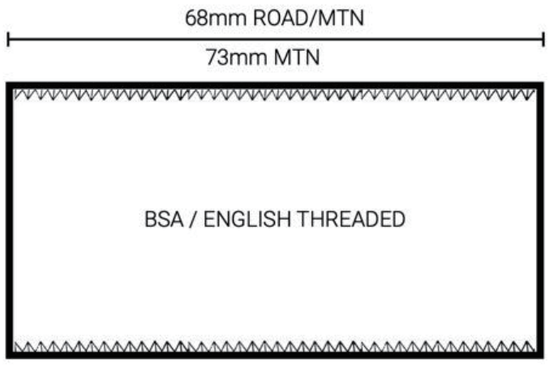
Please see CRANK INSTALLATION at **www.praxiscycles.com/manuals**

BB DUST COVER SETUP

NEXT PAGE FOR DUST COVER GUIDE

REFERENCE - FRAME BB SPECS

83mm DH | 100 FAT



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
T47 Asym	76.75mm	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
	83mm	GEN1 DH HOLLOW	2mm	2.5	-	5mm
		GEN2 DH"9"	2mm	2.5	-	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
T47 Asym	81.25mm	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
BB104.5	104.5mm	GEN1 DH HOLLOW	2mm	-	-	2mm
		GEN2 DH"9"	2mm	-	-	4mm
BB109	107mm	GEN1 DH HOLLOW	2mm	-	-	1mm
		GEN2 DH"9"	2mm	-	-	1mm
BB30/PF30	73mm	GEN1 MTN DM	2mm	-	-	1mm
		GEN1 MTN NON-DM	2mm	-	-	5mm
		GEN2 MTN DM	2mm	-	-	4mm

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