



BLACKSPIRE

built for rough play

BADGER CRANKSET INSTALLATION OVERVIEW

10 mm HEX
50 N.m

TURN PRELOAD ADJUSTER BY HAND UNTIL IT CONTACTS THE CRANK ARM BEFORE INSERTING. ADJUST PRELOAD UNTIL SNUG AGAINST BEARING THEN TIGHTEN 2 mm HEX BOLT

BEFORE INSERTING SPINDLE THROUGH BOTTOM BRACKET SHELL, CHECK YOUR SPACER NEEDS FOR YOUR BOTTOM BRACKET TYPE

10 mm HEX
50 N.m

USING 10 mm HEX, TIGHTEN UNTIL CRANKARM IS FULLY SEATED



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INSTALLATION

PF30 - BB30



FOR 68 mm BB SHELL, USE 2.5 mm SPACER ON NON DRIVE SIDE

FOR 68 mm BB SHELL, INSTALL LARGE SPACER, AND THEN 2.5 mm SPACER.

FOR 73 mm BB SHELL, INSALL ONLY LARGE SPACER



ADJUST PRELOAD UNTIL SNUG AGAINST BEARING THEN TIGHTEN 2 mm HEX BOLT



CHECK FOR SIDE TO SIDE PLAY



INSTALL WASHERS FOR ALL PEDALS

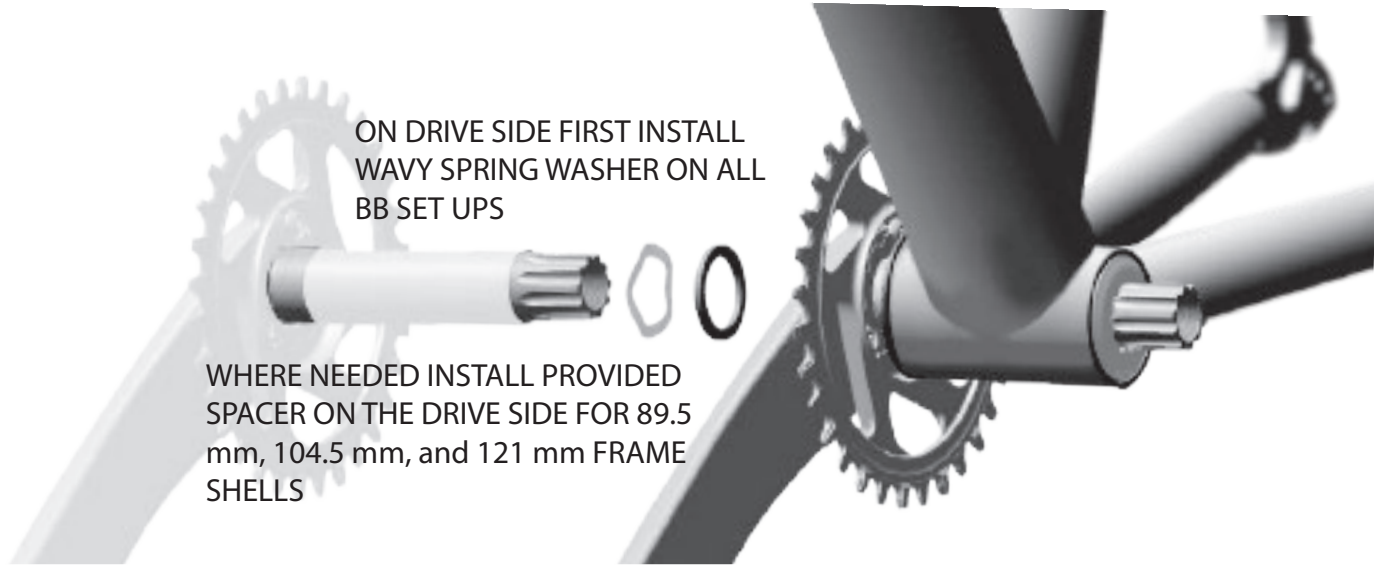


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GXP



ON DRIVE SIDE FIRST INSTALL WAVY SPRING WASHER ON ALL BB SET UPS

WHERE NEEDED INSTALL PROVIDED SPACER ON THE DRIVE SIDE FOR 89.5 mm, 104.5 mm, and 121 mm FRAME SHELLS



ADJUST PRELOAD UNTIL SNUG AGAINST BEARING THEN TIGHTEN 2 mm HEX BOLT



CHECK FOR SIDE TO SIDE PLAY



INSTALL WASHERS FOR ALL PEDALS



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INSTALL THE PROVIDED SPACERS ON 68 mm,
83 mm, OR 100 mm FRAME SHELLS.



ADJUST PRELOAD UNTIL SNUG
AGAINST BEARING THEN TIGHTEN
2 mm HEX BOLT



CHECK FOR SIDE
TO SIDE PLAY



INSTALL WASHERS
FOR ALL PEDALS