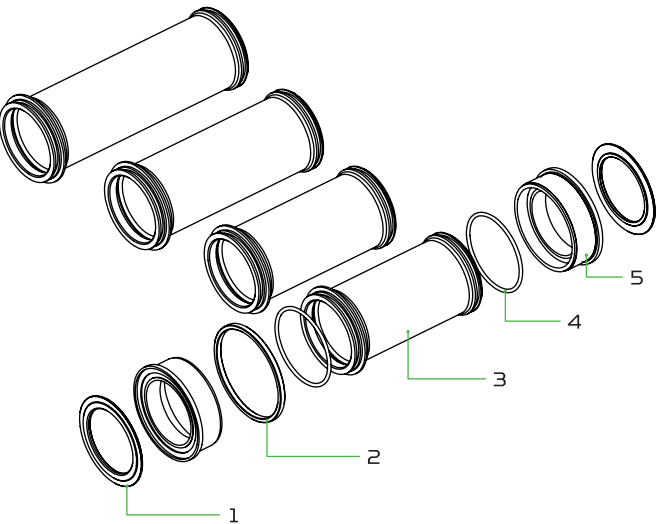


PF41 30mm BOTTOM BRACKET INSTRUCTIONS



ITEM No.	DRAWING No.	DESCRIPTION	QTY.
1	BB011-03	BB Seal Ring - PF41	2
2	BBSP114	2.5mm Spacer PF41	1
3		Centre Tube PF41	1
	BB011-04	89.5/92mm Shell	
	BB011-05	86.5mm Shell	
	BB011-06	104.5/107mm Shell	
	BB011-07	121mm Shell	
4	OR34X1.5N	O-Ring	1
5	SF3041	Stainless Steel Bearing - PF41 30mm	2

CAUTION: READ THIS BEFORE INSTALLING YOUR BOTTOM BRACKET!

Riding bicycles can be dangerous. These instructions should be read thoroughly before installation. Failure to follow these instructions before installing and using Hope Technology components can result in severe injury or death.

BOX CONTENTS

- 2 x Bearing with Integrated Cup • 2 x Bearing Covers
- 1 x Centre Tube Assembly (with O-Rings) • 1 x 2.5mm Spacer

TOOLS REQUIRED

- Hope Press Fit BB Tool (HTTFFA) • 27mm Spanner
- 19mm Spanner • Grease

PRELIMINARY CHECKS

001_Measure your bottom bracket shell and crankset. Check compatibility using the table.

002_Check internal edges of bottom bracket shell and remove any burrs or paint build-up prior to fitting.

003_We strongly advise that this bottom bracket is installed and maintained by a competent cycle mechanic, using Hope Press Fit BB Tool (HTTFFA)



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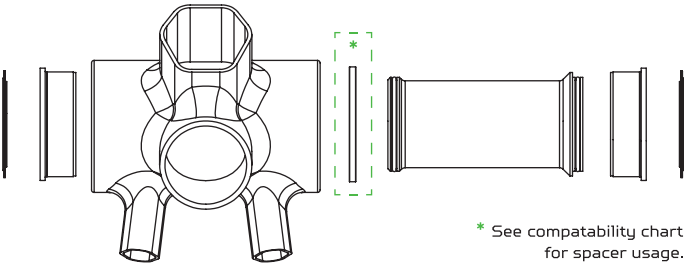
PF41 30mm BOTTOM BRACKET



ASSEMBLE AS SHOWN

NON-DRIVE

DRIVE



INSTALL CUPS

001_Determine spacers required (see compatibility chart).

002_Lightly grease the internal surfaces of the frame BB shell. Press the drive side bearing with centre tube and appropriate spacers into RH side of frame.

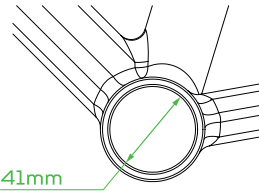
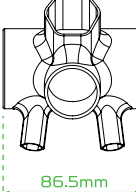
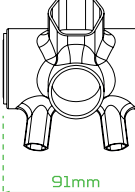
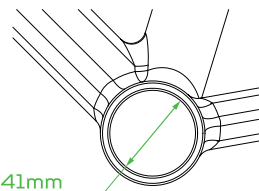
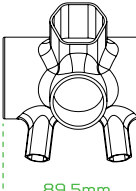
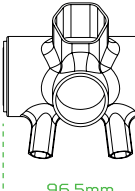
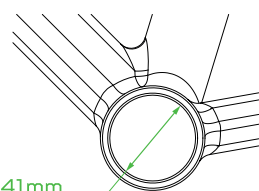
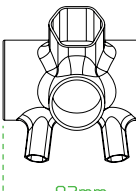
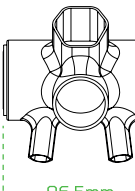
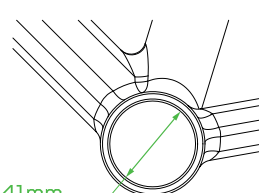
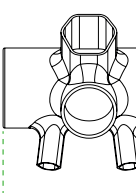
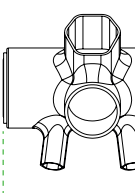
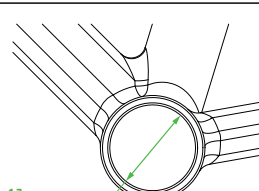
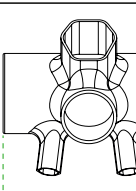
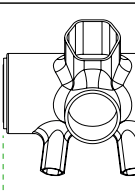
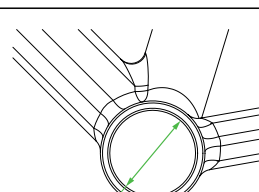
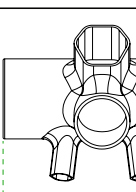
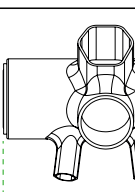
003_Press the non-drive side bearing into the LH side of the frame. Take care to make sure the bearing locates over the centre tube.

004_Locate bearing covers over external face of bearings. A smear of grease will help keep them in place.

INSTALL CRANKS

Follow manufacturer's instructions. **NOTE:** Hope BB's allow cranks to fit directly in the bearing inner race, not through a plastic bush.

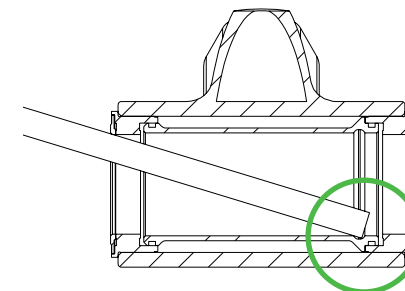


BB SHELL TYPE	SPINDLE DIAMETER	BB SHELL WIDTH	FULLY ASSEMBLED OVER BEARING WIDTH	NON-DRIVE SPACER	DRIVE SPACER
	30mm			None	None
	30mm			None	1 x 2.5mm BBSP114
	30mm			None	None
	30mm			None	1 x 2.5mm BBSP114
	30mm			None	None
	30mm			None	1 x 2.5mm BBSP114

REMOVE CUPS

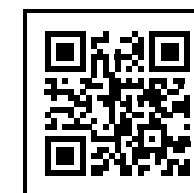
001_REMOVE DS CUP Entering from the **NDS** of the BB, locate a drift into the groove on the centre tube behind the DS cup. Knock out the DS cup and centre tube together, working at multiple points to ensure the cup comes out evenly.

002_REMOVE NDS CUP From the **DS** of the bb use a drift on the exposed edge of the cup and knock out the cup. Work at multiple points to ensure the cup comes out evenly.



HOPE WARRANTY

All Hope Technology components are covered for two years from original date of purchase against manufacturer defects in material and workmanship. Proof of purchase is required. Product must be returned to the original retailer to process any warranty claim. This warranty does not cover any damage caused through mis-use or failing to comply by the recommendations given in this manual. This warranty does not affect your statutory rights.



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