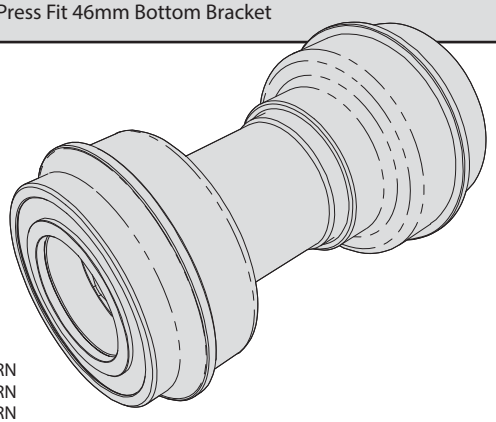
# Press Fit 46mm Bottom Bracket

For 24mm crank spindles

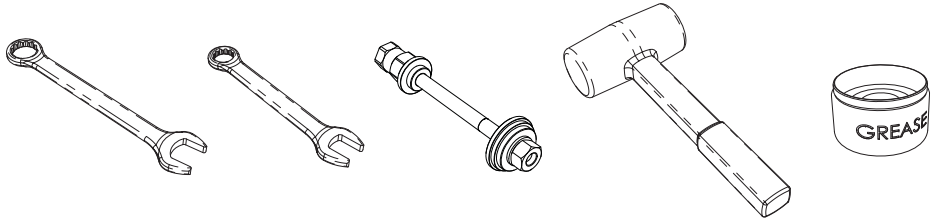


BBPF466824SSN / BBPF466824CRN
BBPF467324SSN / BBPF467324CRN
BBPF468324SSN / BBPF468324CRN

HOPE TECHNOLOGY
Hope Mill,
Barnoldswick,
Lancashire,
ENGLAND
BB18 5PX

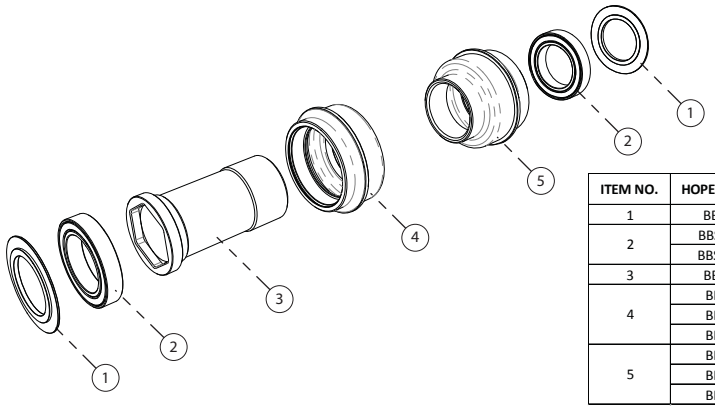
www.hopetech.com

## Tools required:



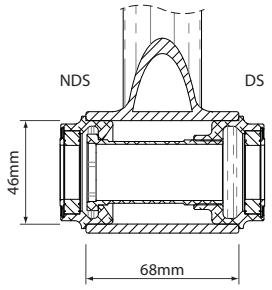

27mm spanner | 19mm spanner | Hope Bottom Bracket Tool (HTTPFA) | Rubber Mallet | Grease

We strongly advise that this bottom bracket is installed and maintained by a competent cycle mechanic, using Hope Bottom Bracket Tool (HTTPFA).
This bottom bracket is intended for installation in bottom bracket shells with an internal diameter of 46mm and widths of 68mm, 73mm or 83mm.
Check internal edges of bottom bracket shell and remove any burrs or paint build-up prior to fitting.

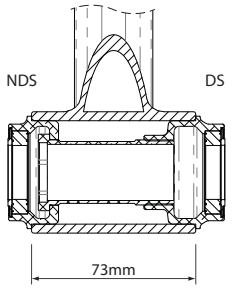



| ITEM NO. | HOPE PART NO. | DESCRIPTION |
|---|---|---|
| 1 | BBSP104 | Outer Seal Ring |
| 2 | BBSP108:S | 24mm BB Stainless Steel Bearing |
| | BBSP108:C | 24mm BB Ceramic Bearing |
| 3 | BBSP111 | 24mm Bolt-in Centre Tube |
| 4 | BB008-3 | PF46 68 24 Non-Drive Side Cup |
| | BB004-1 | PF46 73 24 Non-Drive Side Cup |
| | BB005-1 | PF46 83 24 Non-Drive Side Cup |
| 5 | BB008-2 | PF46 68 24 Drive Side Cup |
| | BB004-2 | PF46 73 24 Drive Side Cup |
| | BB005-2 | PF46 83 24 Drive Side Cup |

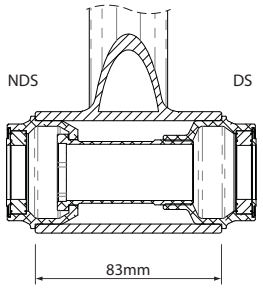
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BBPF466824CRN



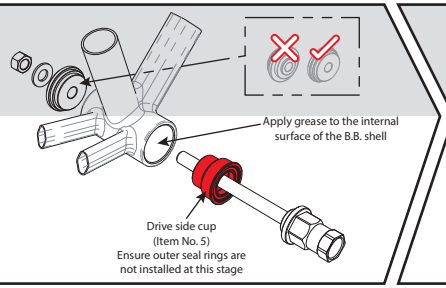

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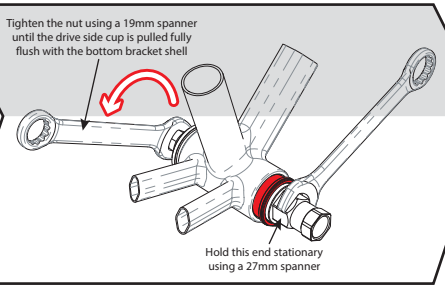


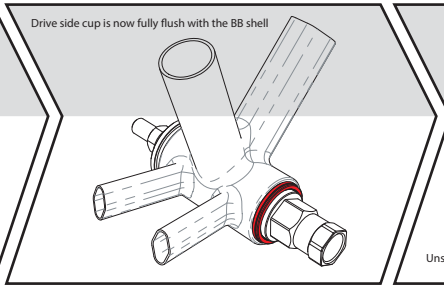

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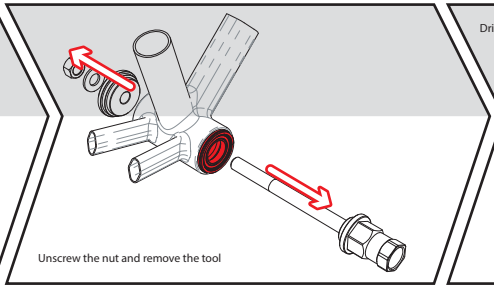


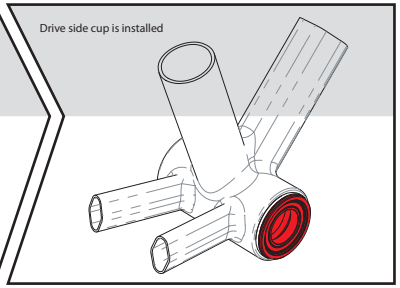

## 1. Install the drive side cup (with bearing fitted).



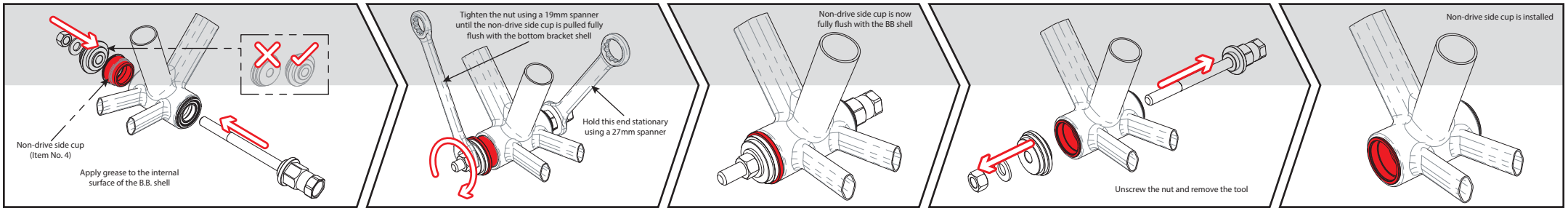



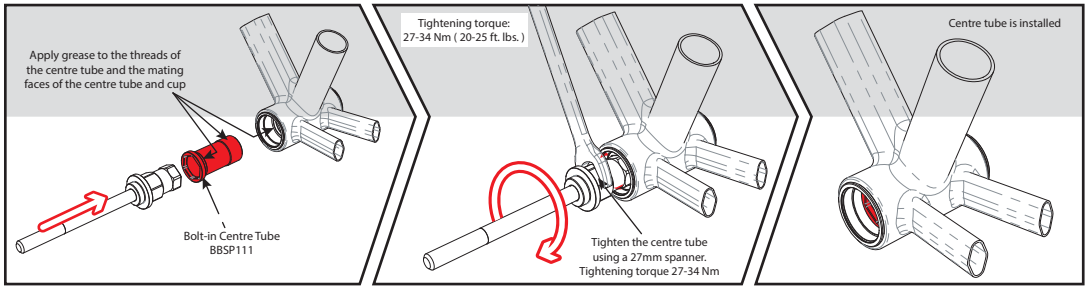



## 2. Install the non-drive side cup (without bearing fitted).

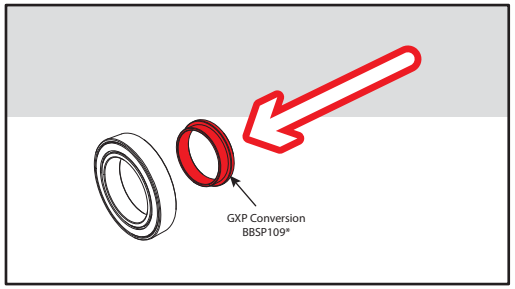



## 3. Install the centre tube.

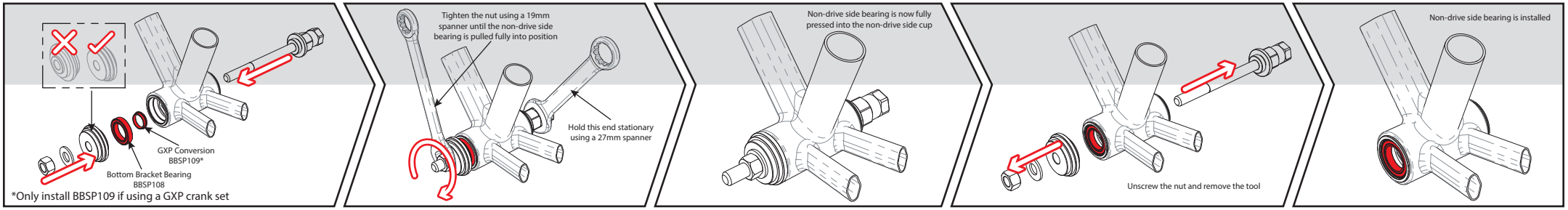



## 4. GXP conversion only.

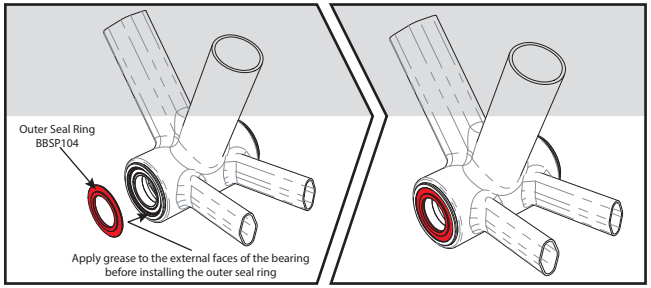
If using a GXP style crank set, press one half of the GXP conversion (BBSP109 - available separately) into the INNER face of the non-drive side bearing (alternatively, gently tap into place with a rubber mallet). Do not install the other half of the GXP conversion at this stage.




## 5. Install the non-drive side bearing.

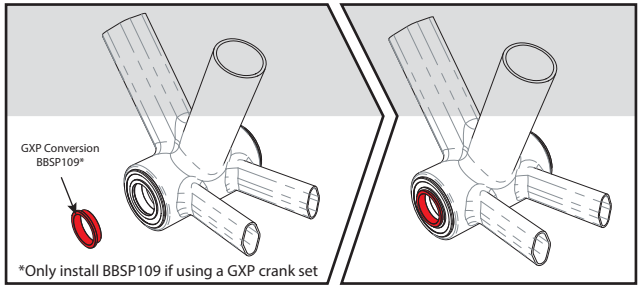



## 6. Install non-drive side outer seal ring.

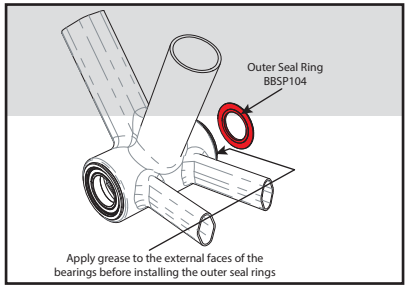



## 7. GXP conversion only.

If using a GXP style crankset, press the second half of the GXP conversion (BBSP109 - available separately) into the OUTER face of the non-drive side bearing, trapping the outer seal. Hope Bottom Bracket Tool (HTTPFA) can be used to install this outer GXP conversion, but it must be done before installing the drive side outer seal ring.




## 8. Install drive side outer seal ring.




Your bottom bracket is now fully installed and ready for the continued installation of your crank set.

Issue 01 - 03/2014