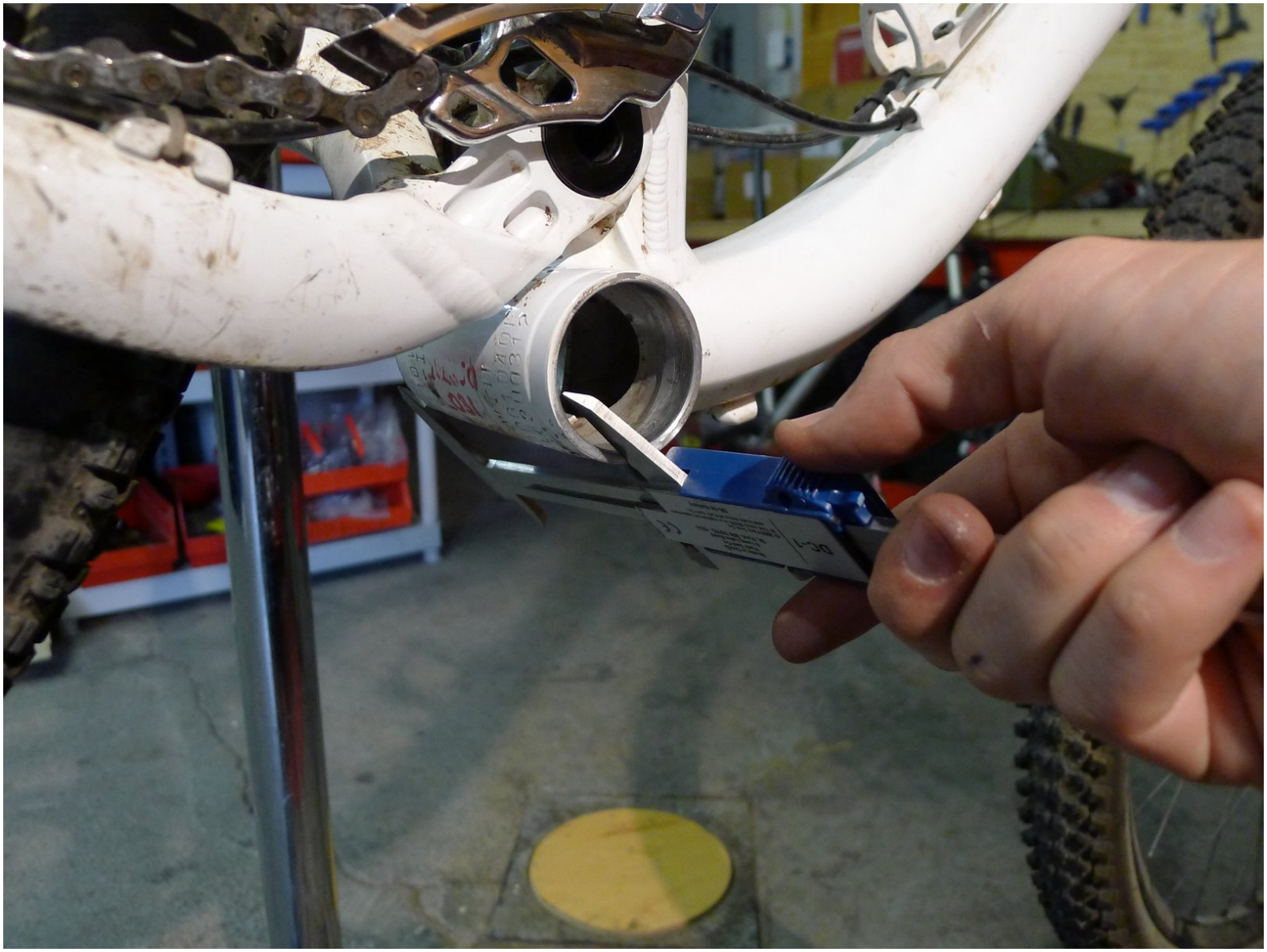
How to install BB92 Bottom Brackets

Installation of press fit BBs or frames with BB shells using an inner diameter of 41mm. Shell widths may be92mm, 107mm, 121mm or 132mm

Written By: The Hive - Jeremy



© 2024

TOOLS:

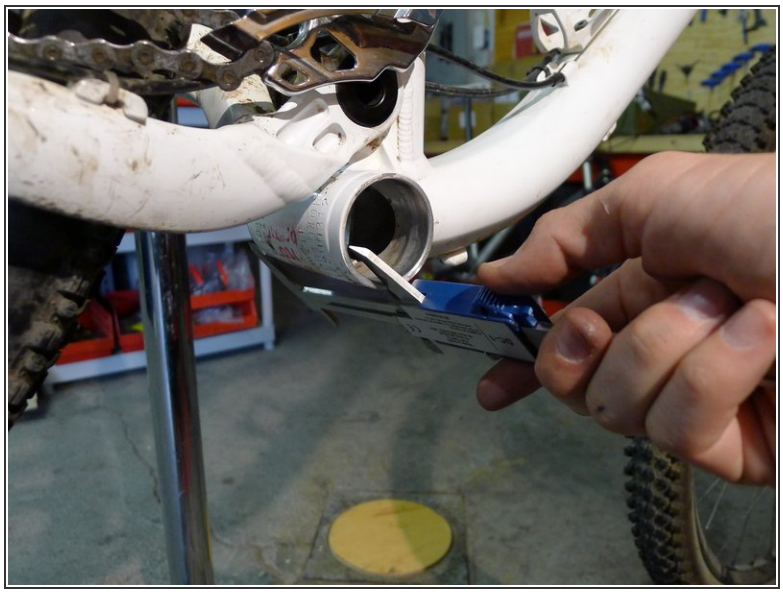
- BB92 intstall tool (1)
- punch (1)
- threaded bearing press (1)

PARTS:

- grease (1)

© 2024

Step 1 — How to install BB92 Bottom Brackets



- BB92 install, skip ahead to step 7 for removal
- Start by measuring and noting your BB shell width

Step 2

- For aluminum or steel frames, grease the BB shell
- For carbon frames, contact your frame manufacturer. Grease may not be compatible with all frames

© 2024

Step 3

- Slide the cup into the frame as far as it will go. It should just start to go into the frame.

Step 4

- Place the tool over the cup
- If you don't have our BB92 tool, that's ok. You can use any flat faced bearing press. Just be sure to only press on the outer race of the bearing.

© 2024

Step 5

- Use a bearing press to slowly press in the BB cup, by sure the cup goes in straight
- In this case we our using a Hive bearing press tool, but many other threaded bearing presses will work
  - On the other side of the tool we are using a flat plate against the frame
- Tighten until the cup is pressed in all the way
  - check the cup all the way around to make sure it is flush with the BB shell
  - Do not over tighten the cup, especially on carbon frames. Tighten the cup until it is flush with the frame and no more

© 2024

Step 6

- Insert center tube into the frame
- Press the center tube against the BB cup that is installed
- Extend the center tube so it is flush with the BB shell on the side without the BB installed

Step 7

SPINDLE SPACER TABLE* BB92

Crankset	Spindle length	BB shell width	Non-drive side spacer	Drive side spacer
TRS	113mm	92mm	0.5mm	0.5mm
XCX and 2015+ LG1	113mm	92mm	0.5mm	0.5mm
2014 and earlier LG1 only	113mm	92mm	1.5mm (1mm + 0.5mm)	4mm (3.5mm + 0.5mm)
TRS	113mm	89.5mm	0.5mm	3mm (3x 1mm)
XCX and 2015+ LG1	113mm	89 5mm	0.5mm	3mm (3x 1mm)
LG1 cranks	123mm	107mm	0.5mm	0.5mm
TRS Fatbike (73mm offset)	145mm	121mm	2mm (2 x 1mm)	2mm (2x 1mm)
TRS Fatbike (78mm offset)	155mm	121mm	7mm (2 x 1mm + 5mm)	7mm (2x 1mm + 5mm)
TRS Fatbike (78mm offset)	155mm	132mm	1.5mm (1mm + 0.5mm)	1.5mm (1mm + 0.5mm)

*Cranks with "1 deg" marked on them are 2015+.

- Install the second BB cup repeating the procedure from step 5
- Refer to the spindle spacer chart and your BB shell width for the correct spindle spacer setup for your frame

Step 8

- To remove the BB cup, we recommend using a Park Tool headset cup removal tool

Thanks for reading, now get out there and ride!

© 2024