BSCTools M8 Pivot Press

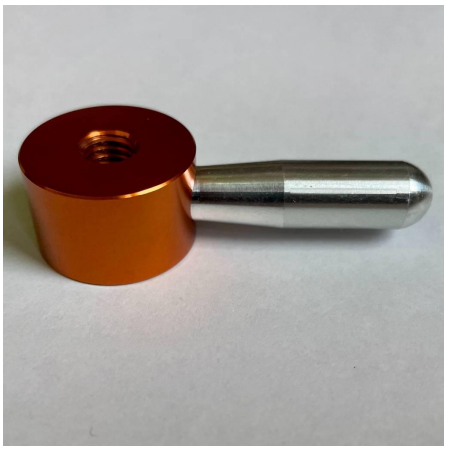
Instructions

For the installation and removal of Pivot bearings in bicycle suspension. Also known as linkage bearings. It works on many bearings in frames, hubs and freehubs too.

The tool is only suitable where there is a flat surface to press against, some frames may require specialist tools, if this is the case you need to use a professional mechanic.
This tool is designed for the competent home mechanic who has reasonable knowledge and experience of working on bikes.

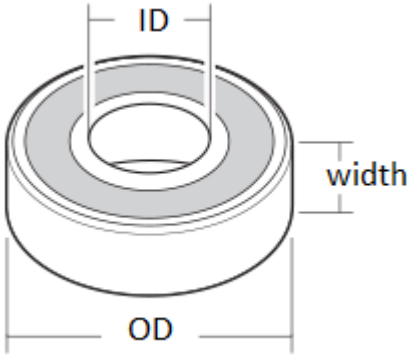
Disclaimer: BSC Tools Limited accepts no liability for any damage caused by, or as a consequence of, incorrect installation, misalignment, or improper use of the M8 Pivot Press Tool. Always use the Fitting Instructions.

Part Identification

Description	Picture
Main Handle	
Handle	
Female Bearing Extractor Cup	

Male Bearing Extractor	
Bearing Installer Two are supplied. You may only need one for pivot bearings. If the handle is not large enough to press against the frame or linkage then another installer drift can be used for this purpose. Drifts can also be reversed for this use as the OD is a larger size if needed. Two installers are used for hubs.	
M8 Threaded rod 75mm, 125mm, 200mm, 250mm available	
Thrust bearing	

Bearing Extraction



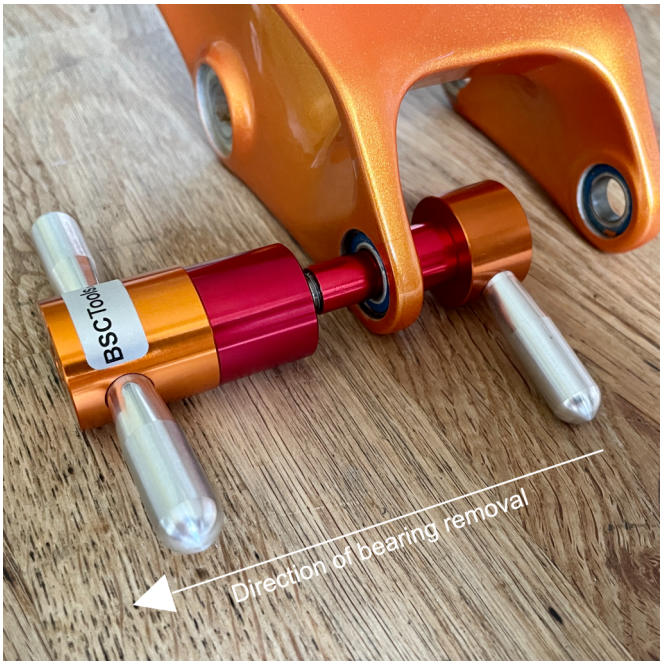
1

Ensure you have the correct sized female extractor cup and male extractor (both RED) for the bearing you are removing.

Either read the bearing code from the bearing itself e.g. 6800RS pictured

or measure the internal diameter, external diameter and width of the bearing to determine the bearing code

(can lookup the dimensions using google to get the bearing code and vice versa)



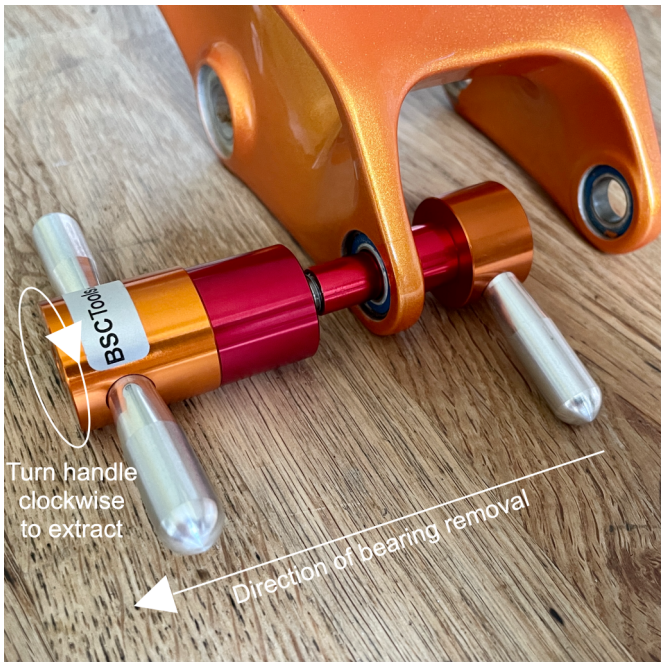
2

Determine the direction the bearing needs to be removed and set up the tool as pictured.

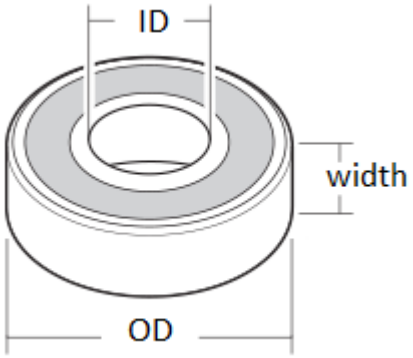
Use the appropriate sized threaded rod - 75mm or 125mm.

Note that the tool needs flat surfaces in order to work correctly and extract the bearing in a straight line.

Ensure all parts fit flush and aligned correctly.

	3 Holding the handle, turn the main handle gently until all the parts meet. Turning the main handle will now start to remove the bearing by pushing on its inner race and into the female extractor cup. Check that the bearing is starting to be extracted ok, it will be harder to turn the main handle initially during bearing extraction. Excessive force should never be used - if you encounter a lot of resistance then check the alignment is ok - forcing the tool will likely damage the tool or the frame.
	4 You will feel when the bearing has been fully extracted into the cup.

Bearing Installation



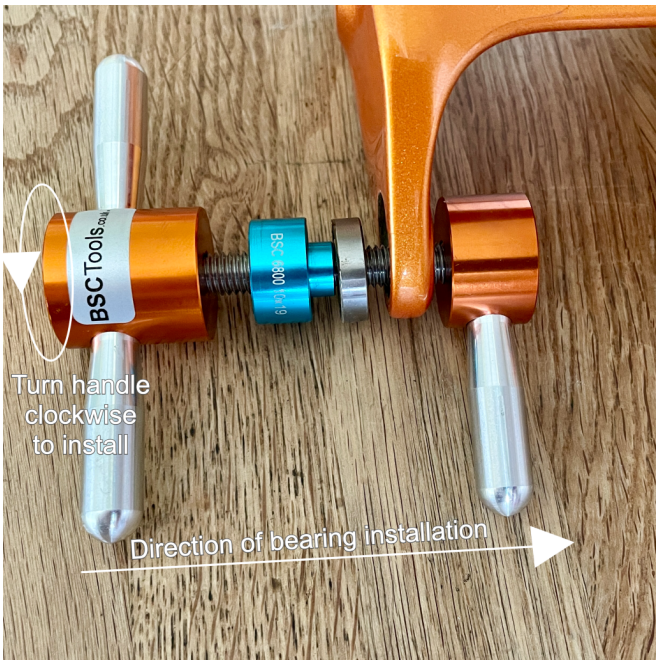
1

Ensure you have the correct sized installer for the bearing you are installing (blue).

Either read the bearing code from the bearing itself e.g. 6800RS pictured

or measure the internal diameter, external diameter and width of the bearing to determine the bearing code

(can lookup the dimensions using google to get the bearing code and vice versa)



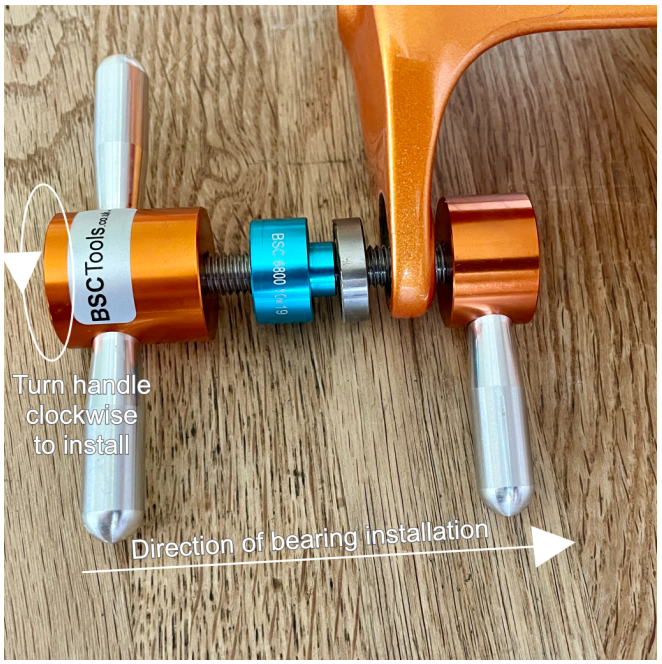
2

Determine the direction the bearing needs to be installed and set up the tool as pictured.

Use the appropriate sized threaded rod - 75mm or 125mm.

Note that the tool needs flat surfaces in order to work correctly and install the bearing in a straight line.

Ensure all parts fit flush and aligned correctly.

	3 Holding the handle, turn the main handle gently until all the parts meet. Turning the main handle will now start to install the bearing by pushing on its outer race and into the frame / linkage. Check that the bearing is starting to be installed ok, it will be harder to turn the main handle initially during bearing installation. Excessive force should never be used - if you encounter a lot of resistance then check the alignment is ok - forcing the tool will likely damage the tool or the frame / linkage.
	4 You will feel when the bearing has been fully installed as you will not be able to turn the handle any more - do not tighten any further.