

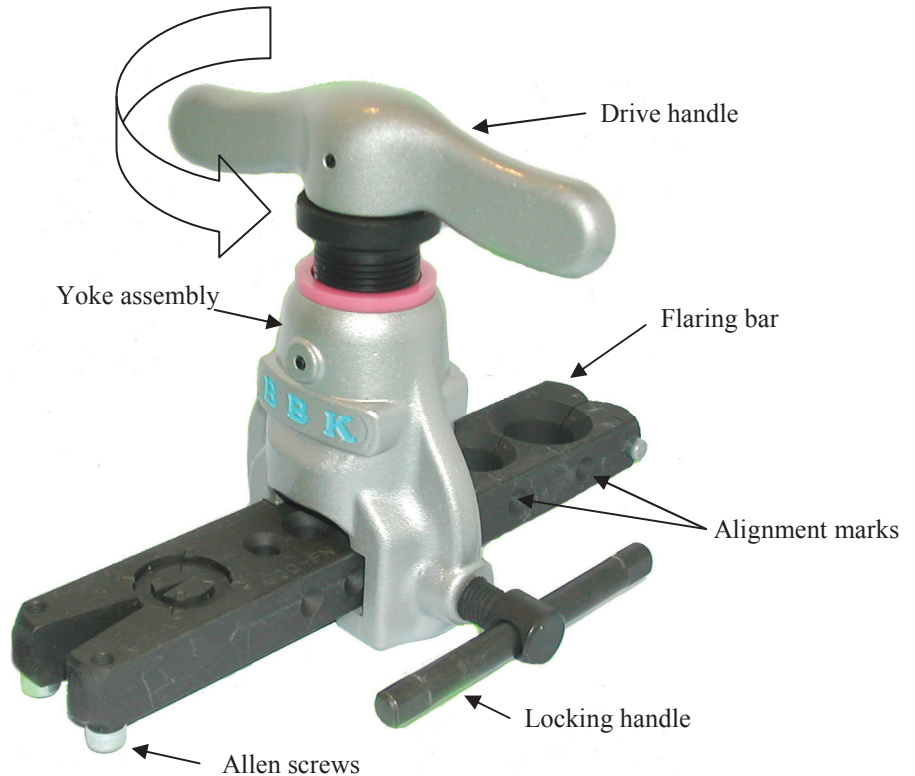


## CARE OF CPS ECCENTRIC FLARING TOOLS

Being a precision device all eccentric cone clutch release type flaring tools require some basic care in operation and also some routine maintenance to provide for long trouble free life.

Firstly and most importantly, it is essential that the yoke be aligned with the bar using the alignment holes machined into the side of the bar. (Arrowed) Failure to do this will result in the lower thrust bearing in the yoke being prized out of alignment due to too much side force resulting in repair.

The whole thrust bearing assembly is designed to provide thrust along the axis and not to have any sideload so please observe and use the alignment marks.



When not in use it is advisable to have a short length of flared copper tube placed in one of the flaring cutouts. ( we supply the bar this way) Align the yoke with the cutout using the alignment marks as discussed and ***gently*** position the cone onto the copper by rotating the handle. Do not tighten the flare, the aim here is to provide support to the yoke in case the unit is accidentally dropped.

A clean and application of lubricant oil is all that is needed to maintain the tool in peak condition. Remove the 2 Allen head screws located on the end of the bar, lift the cone by rotating the handle counter clockwise then slide the yoke off the bar.

Tilting the yoke over so the cone is facing you, place a small amount of oil down past the cone onto the needle roller assembly that you will observe in the yoke. Also place some oil on the handle thread. Rotate the handle clockwise and counter clockwise fully to ensure the oil weeps through the assembly. Finish with the handle fully rotated counter clockwise so as the lift the cone.

Slide the yoke onto the bar ensuring the locking handle is located to align with the locating holes, replace the bar end screws into their threaded sockets, insert a small piece of flared tube into a space and gently drive the cone onto it for support.

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