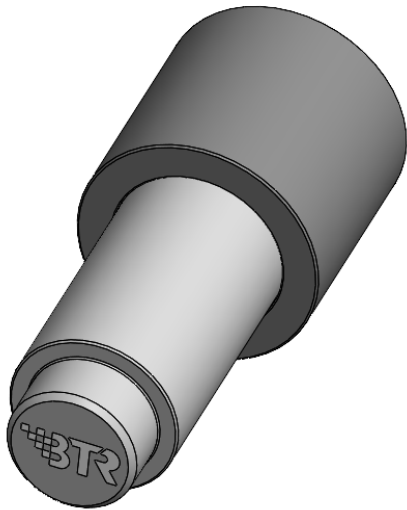
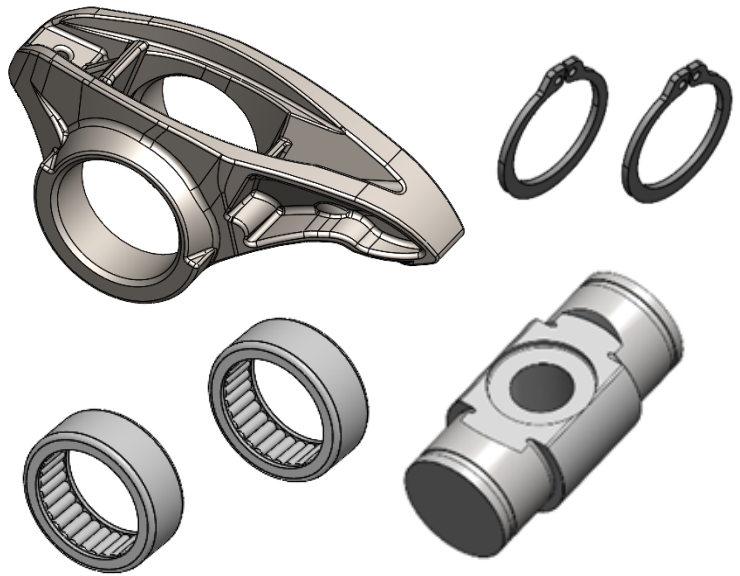


Rocker arm needle bearing installation

With BTR TK-TOOL-P

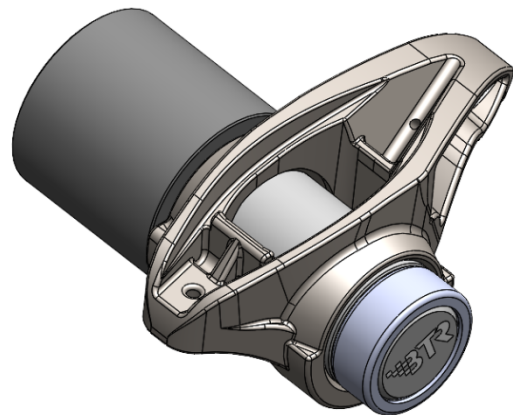
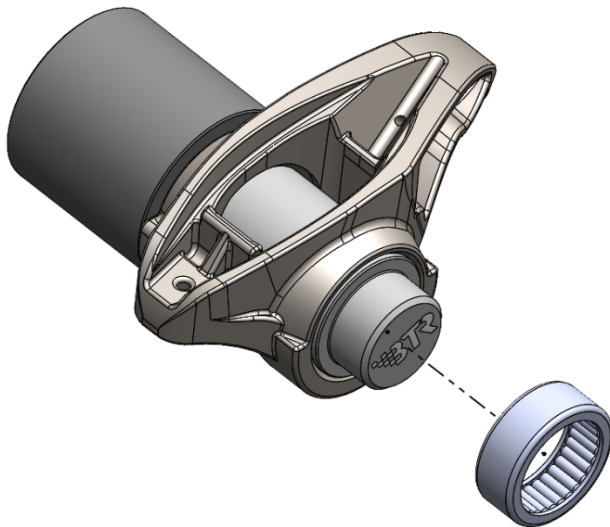


TK-TOOL-P

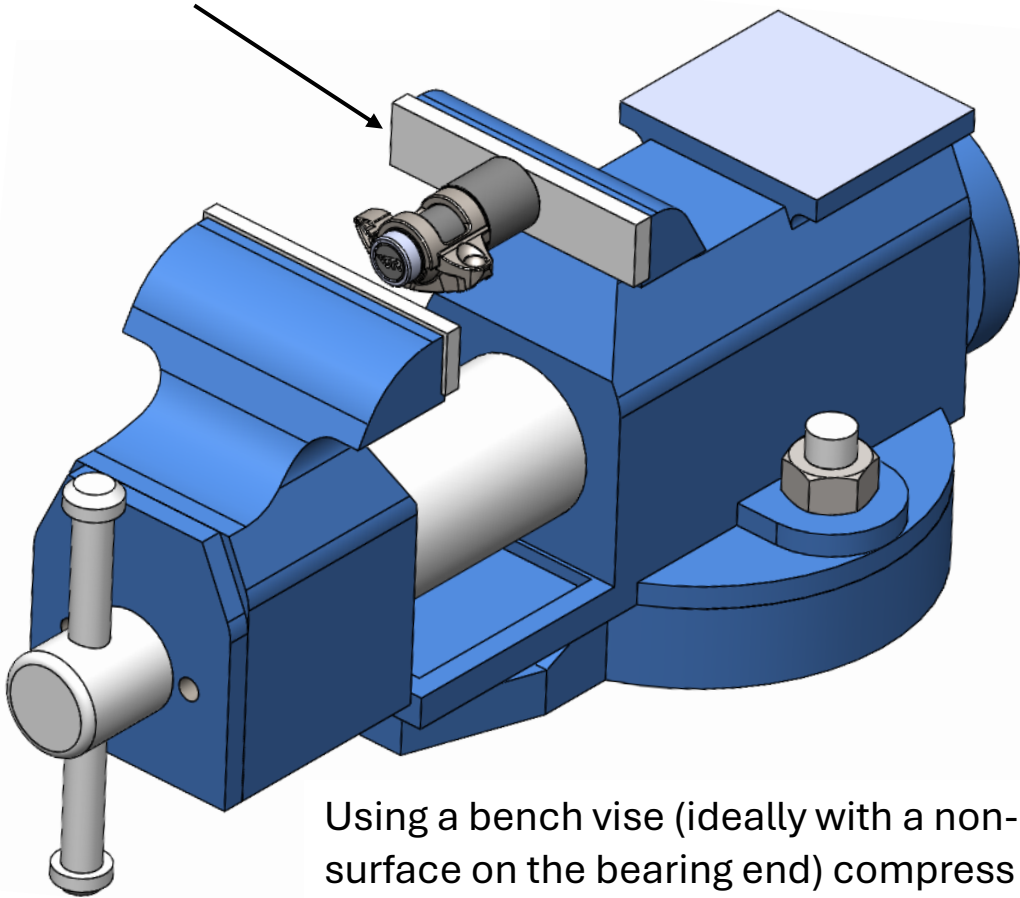


Customer supplied
(rocker arm may vary from pictured)

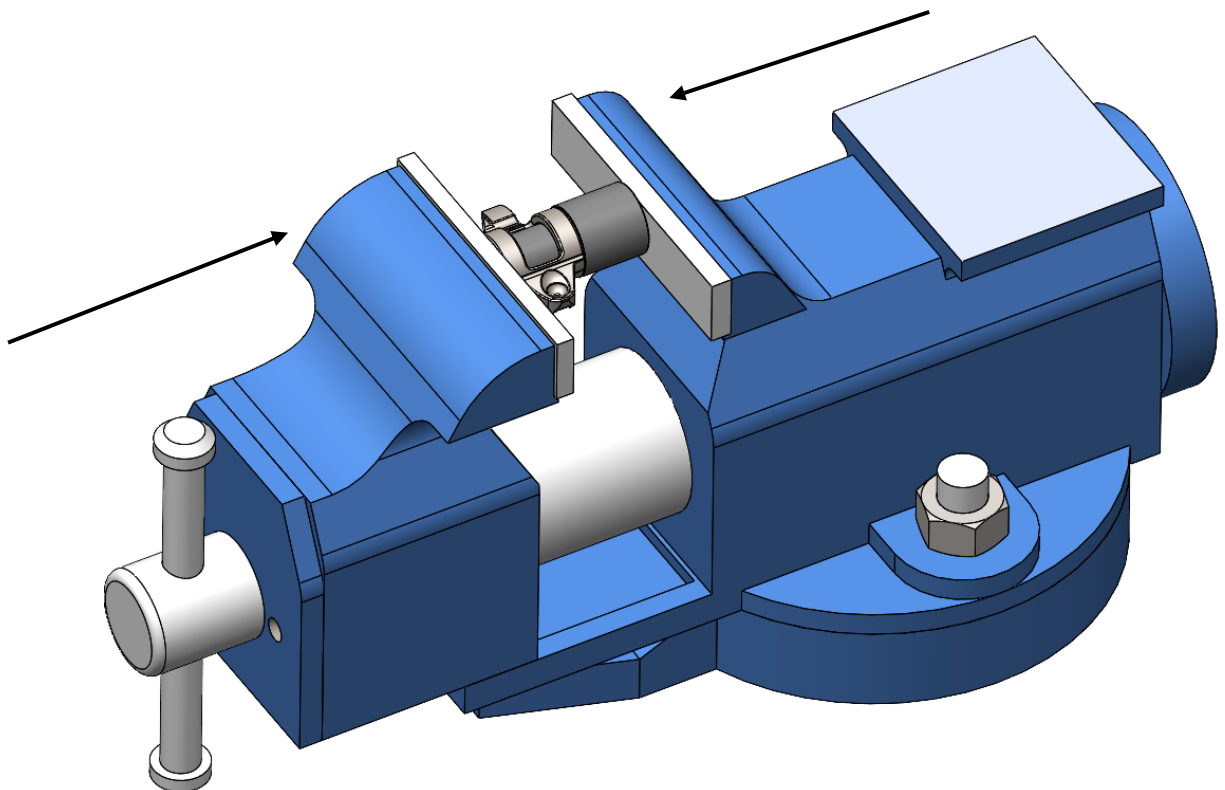
Insert TK-TOOL-P into the bare rocker arm, and align the outer bearing on the small end as shown. Some arms have a flatter machined surface on one side. This should be the side facing the tool.



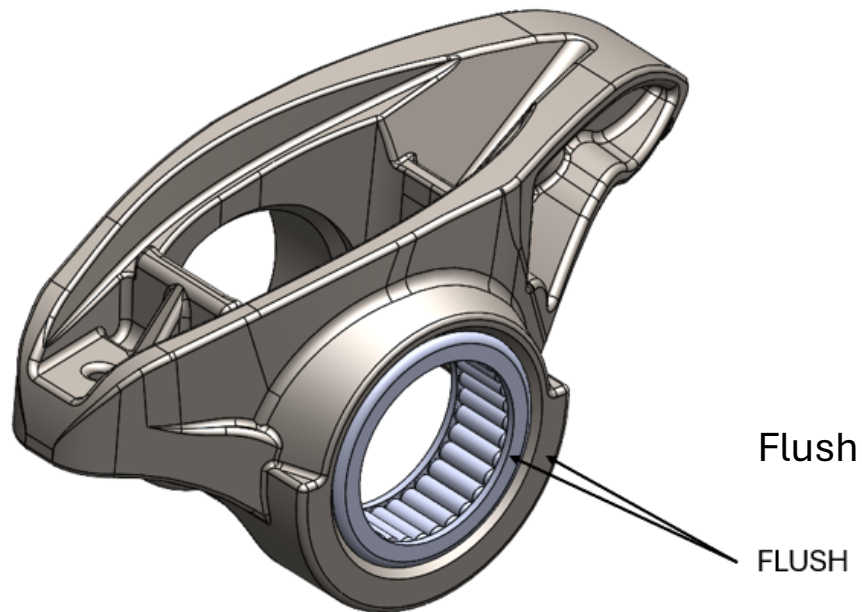
Attach magnet to vice jaw



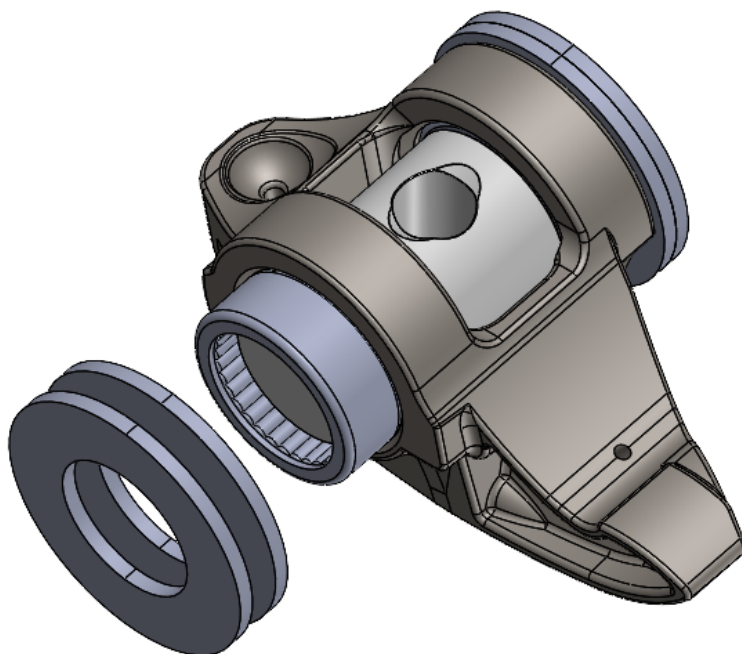
Using a bench vise (ideally with a non-marring surface on the bearing end) compress the spring-loaded tool until it stops. If excessive force is needed, stop and verify parts and positions.



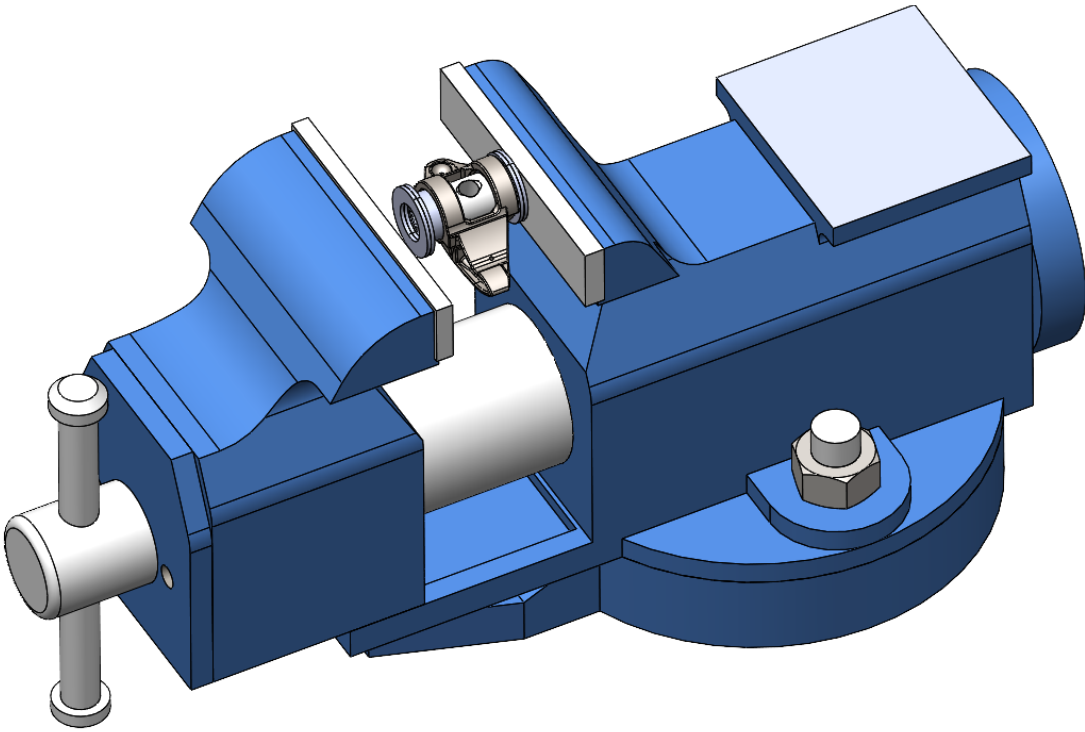
If completed correctly, you can remove the rocker and confirm the bearing is pressed flush with the rocker arm.



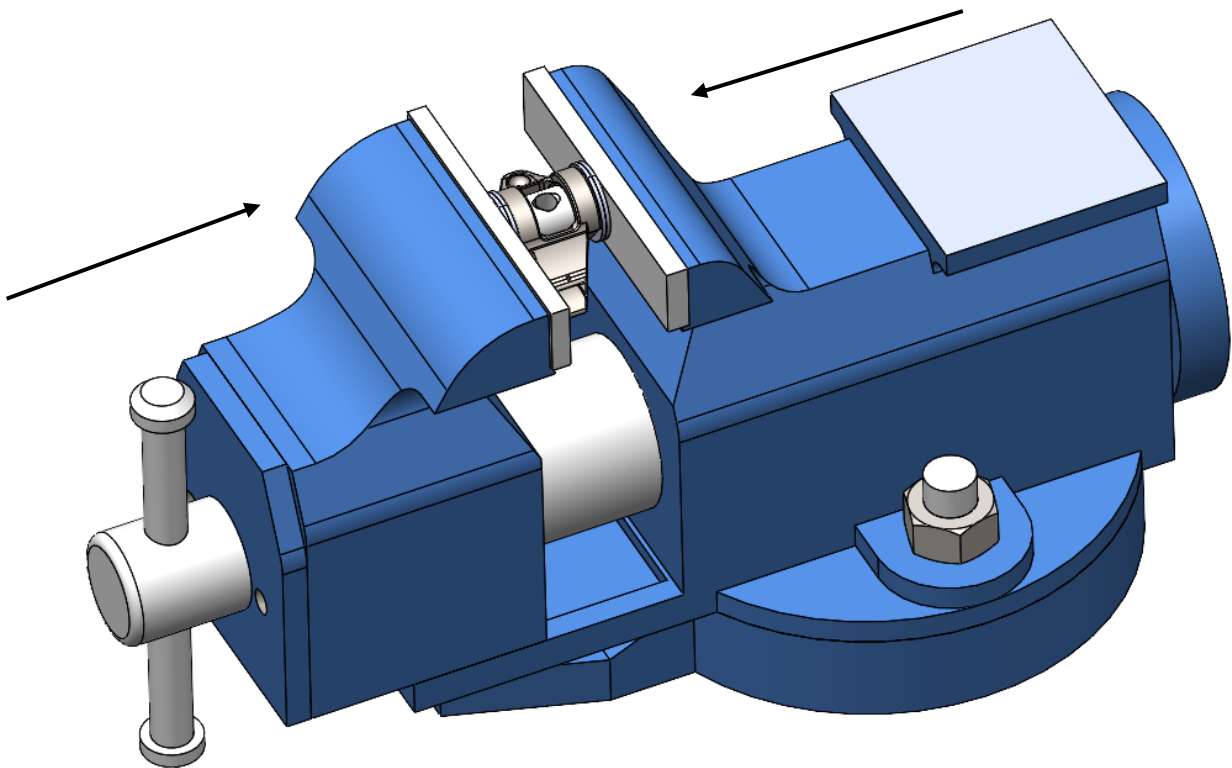
Next, locate the two TK/WASHER included in your BTR trunnion kit, or source 4 washers .065" thick with a minimum hole of .64"



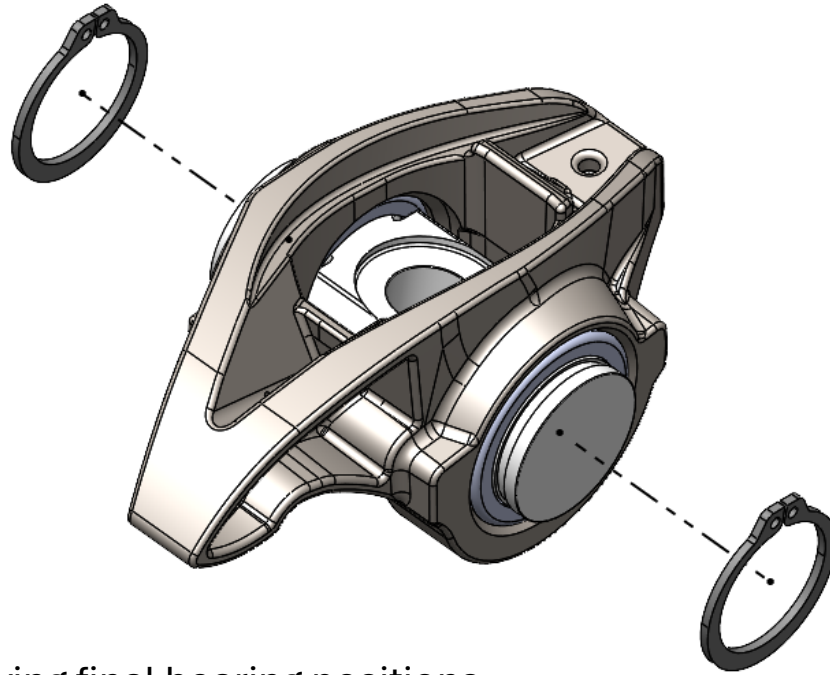
Install trunnion into rocker, slide other needle bearing in place. Stack 2 washers (Or a single TK/WASHER) on each side of the rocker.



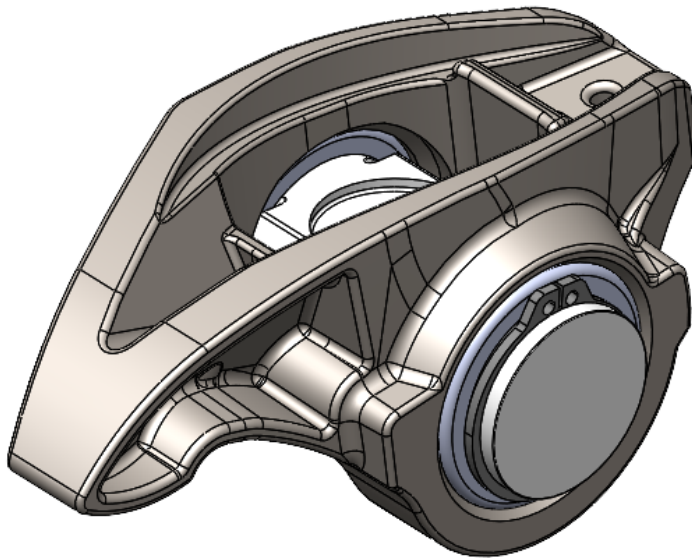
Position in vice as shown above.



If you feel excessive force before bearing is completely seated stop and adjust setup.



After verifying final bearing positions,
install retaining clips.



Make sure rocker rotates
freely and has minimal
side play. Repeat for
subsequent rocker arm
assemblies.