



How to build a Kreidler clutch removal tool for under \$4.31 and in less than 10 minutes

Hardware Store Parts Needed:

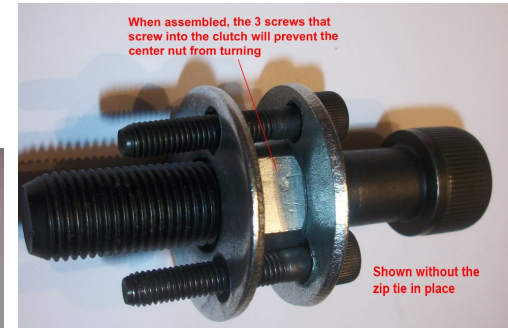
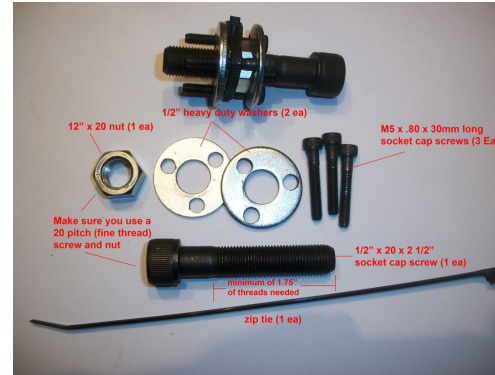
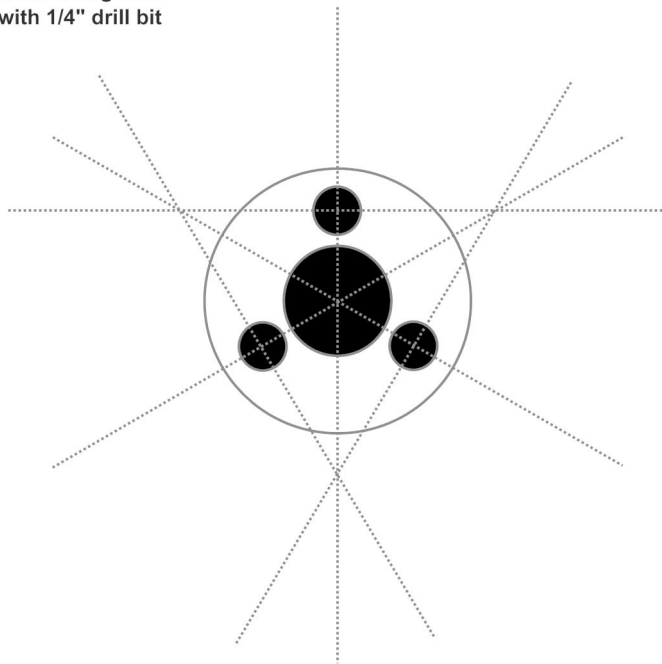
- 1/2" x 2 1/2" long fine thread socket cap screw (1/2" x 20 x 2 1/2") 1 ea
- 1/2" x 20 nut 1 ea
- 1/2" washers (good quality thick ones) 2 ea
- M5 x .80 x 30mm socket cap screw 3 ea
- Zip tie 1 ea

You will also need a 1/4" drill bit to drill out the washers and maybe a center punch to make drilling easier

*Note: Make sure the large 1/2" screw has at least 1 3/4" to 2" of thread. If you can find a fully threaded bolt, that would be best but they are hard to find in a fine thread at that length.

Pattern for drilling out the two 1/2" washers

- 1) Place a washer over the pattern
- 2) Using a pencil and a straight edge, connect lines by drawing on washer
- 3) Center punch intersecting lines
- 4) Drill out holes with 1/4" drill bit



Tip for re-installing outer clutch with help from this tool:

There is a factory tool that helps to install the outer clutch back onto the crankshaft with the proper depth and spacing but you can do it very easily without that installation tool and help from the this puller. When installing the clutch, very lightly and carefully tap the clutch back into place until it touches the inner clutch. Once you do this, if you turn one clutch by hand, the other one will move also. To get proper spacing, attach the puller tool and slowly pull the outer clutch back away from the inner clutch until they both just move freely of each other without any friction.