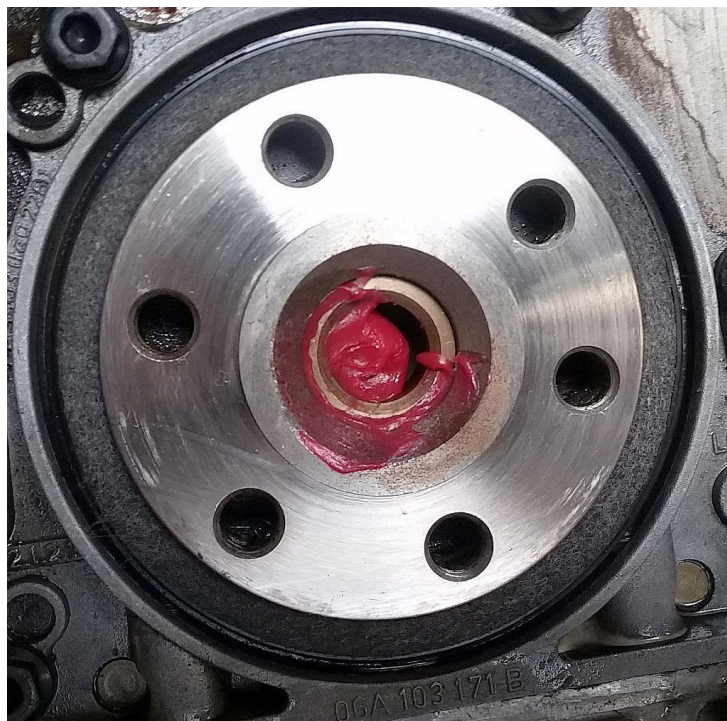


1.8T Tiptronic Crankshaft Bushing Removal

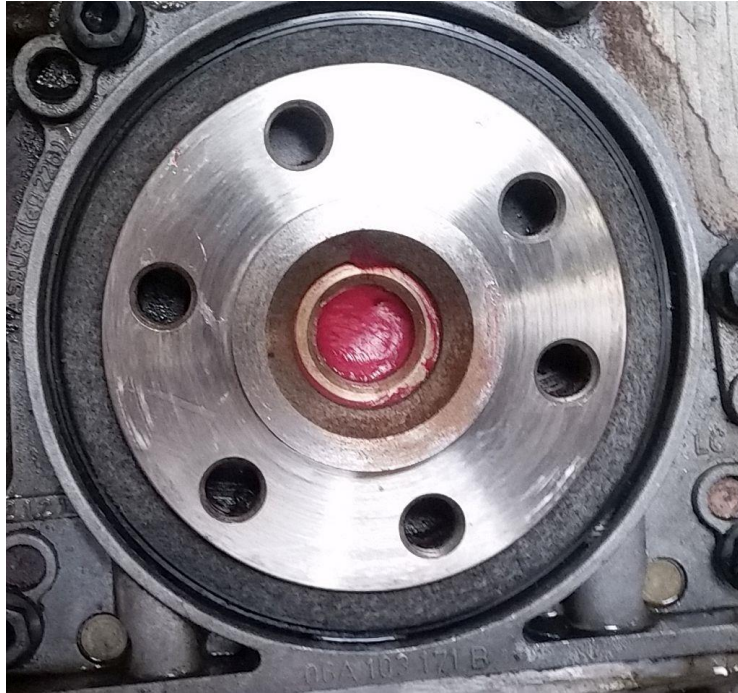
Clean the crankshaft flange and bushing area thoroughly -



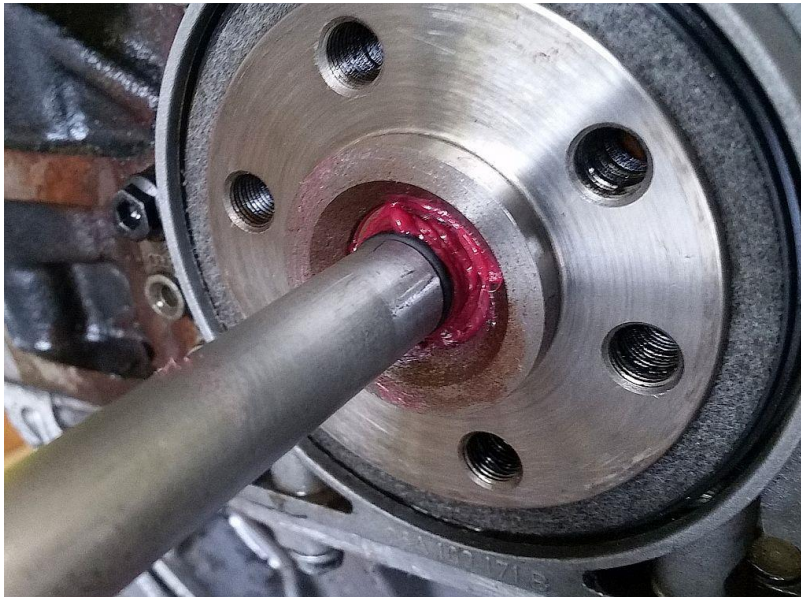
Fill the bushing cavity completely with grease. Bleed any air pockets out of the grease. Air will create a spongy feel when driving the tool in.



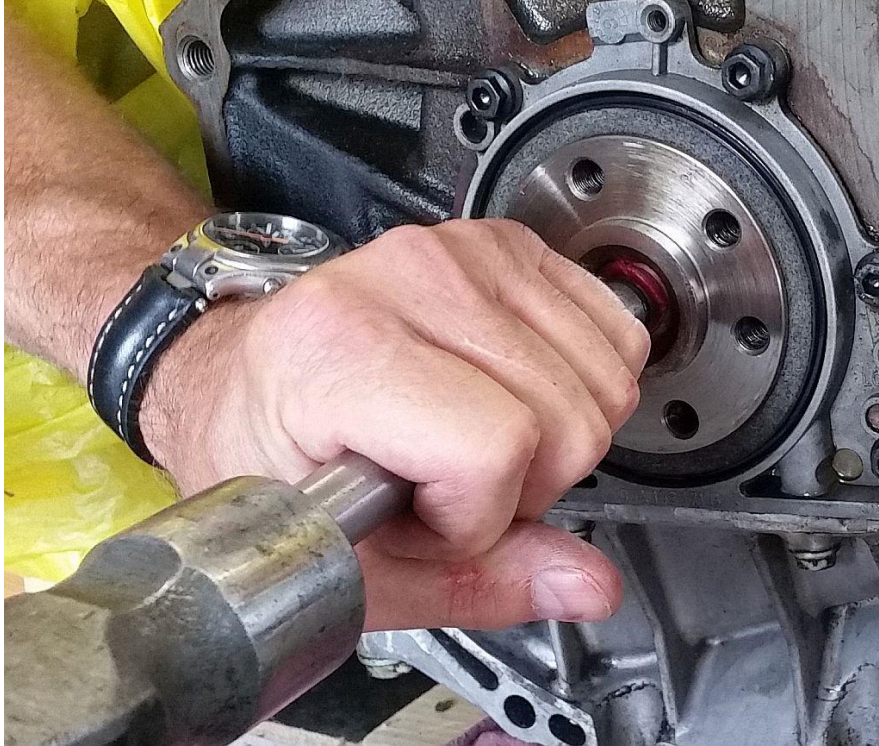
Fill the bushing all the way to the outer surface:



Insert the o-ringed end of the tool into the bushing:



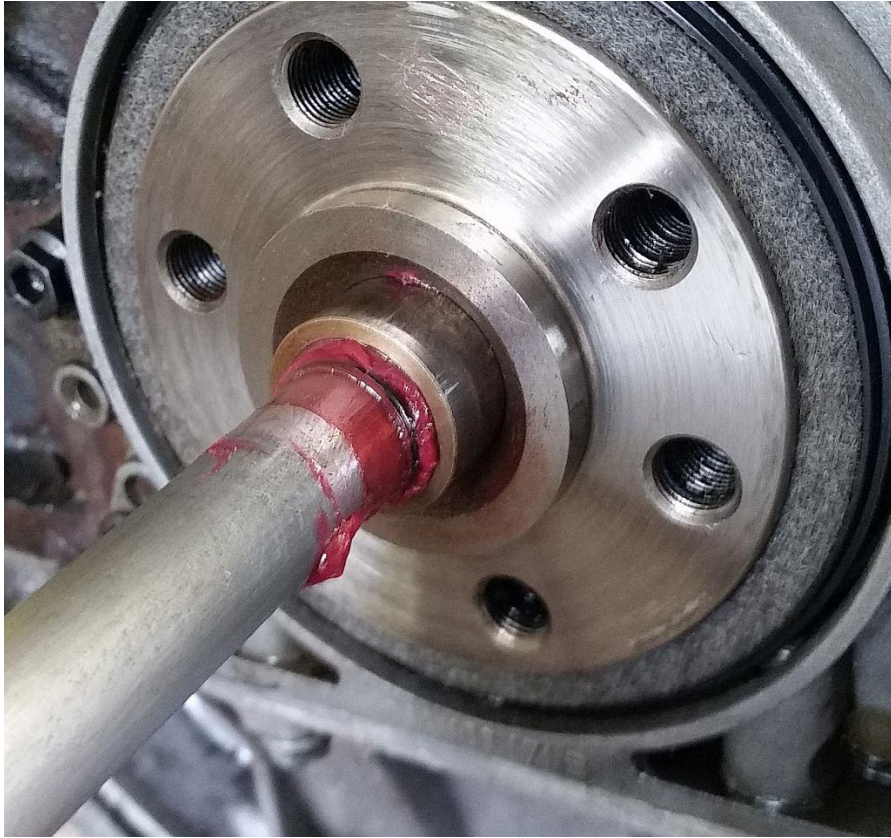
Using a large hammer, drive the tool into the bushing -
Several firm hits will be required on an original bushing -



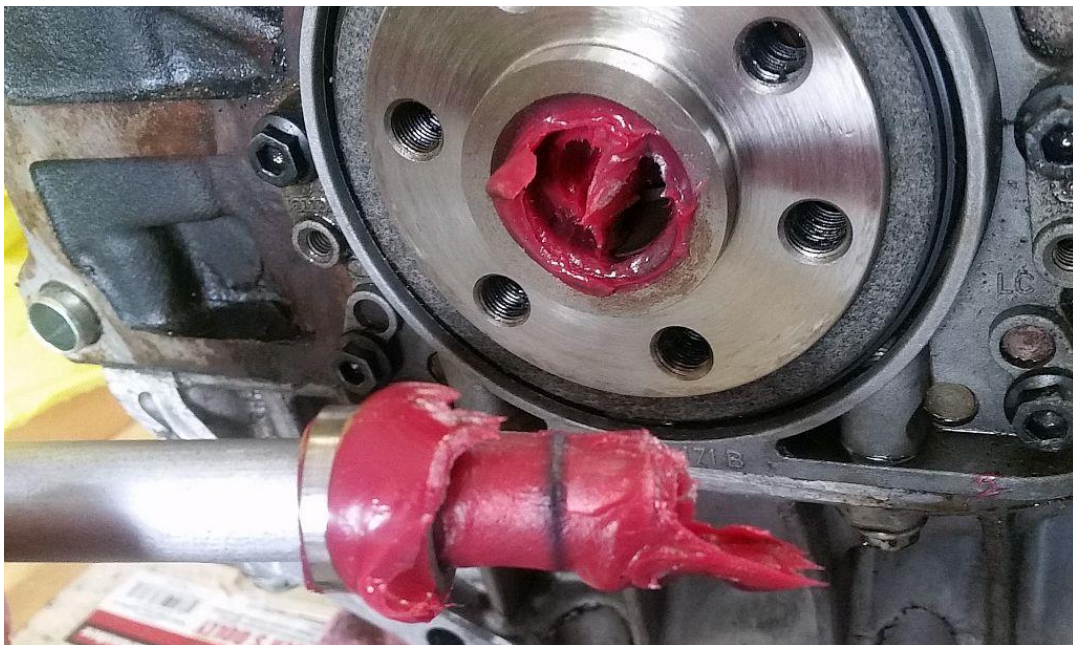
After the bushing has moved out by about ½ inch, remove the tool and repack the cavity with more grease:



Continue driving the tool through the bushing:



The bushing will pop out completely after a few more hits:



Remove all the grease and clean thoroughly with solvent (brake cleaner or acetone).



!!Do not clean your new bushing!!

The bushing comes pre-oiled with lubricant to aid in the installation.

Using a suitably sized socket (ref: 30mm) tap the bushing in making sure it is square to the bore.

Drive the bushing in until the flange mates to the end of the crankshaft.



The new pilot bearing is factory filled with grease. Make sure the pilot shaft is smooth and clean before installing the transmission.