

Technical Tips

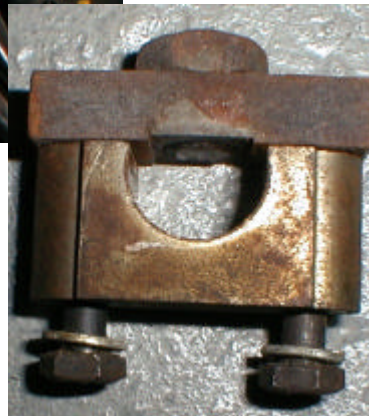
No 1 Changing the Steering Bush

The first time you change a steering bush on a TR7/8 it can take quite a long time and be highly frustrating to put it mildly – follow our how to section below and it should only take 2 hours start to finish – the mechanic who did this change actually took only 1hr 20 mins.

(1) First of all remove the clamp half way up the steering column on the inside of the car this will allow you later to slide the steering shaft up into the column. The purpose of the clamp is to allow the steering column to collapse in the event of an accident.



Old bush still in place



“The purpose of the clamp is to allow the steering column to collapse in the event of an accident”

(2) Next remove the bolt from the top of the steering knuckle and slacken of the lower one





(3) Next use a strong screwdriver or chisel to gently prise the knuckle joint away from the steering column. Once you have moved it a little way you will see a cut out in the shaft to allow the knuckle bolt to go through, you can then use the screwdriver against that cut out to push the shaft out of the knuckle and up into the steering column.



"Once you have moved it a little way you will see a cut out in the shaft"



(4) You can see in this picture the cut out in the shaft I was referring to.



(5) Slide the shaft up into the steering column and remove the old bush – most as was the case with this one will simply fall apart with a little leverage from your screwdriver.



(6) Place the new bush in a pan of boiling water for about 5 minutes or as long as it takes for the rubber to soften up.



(7) Once the bush is soft it will easily push into the steering hole with a small amount of force – if it doesn't the bush needs more time in hot water.

“Place the new bush in a pan of boiling water for about 5 minutes”

(8) Slide the steering column back through

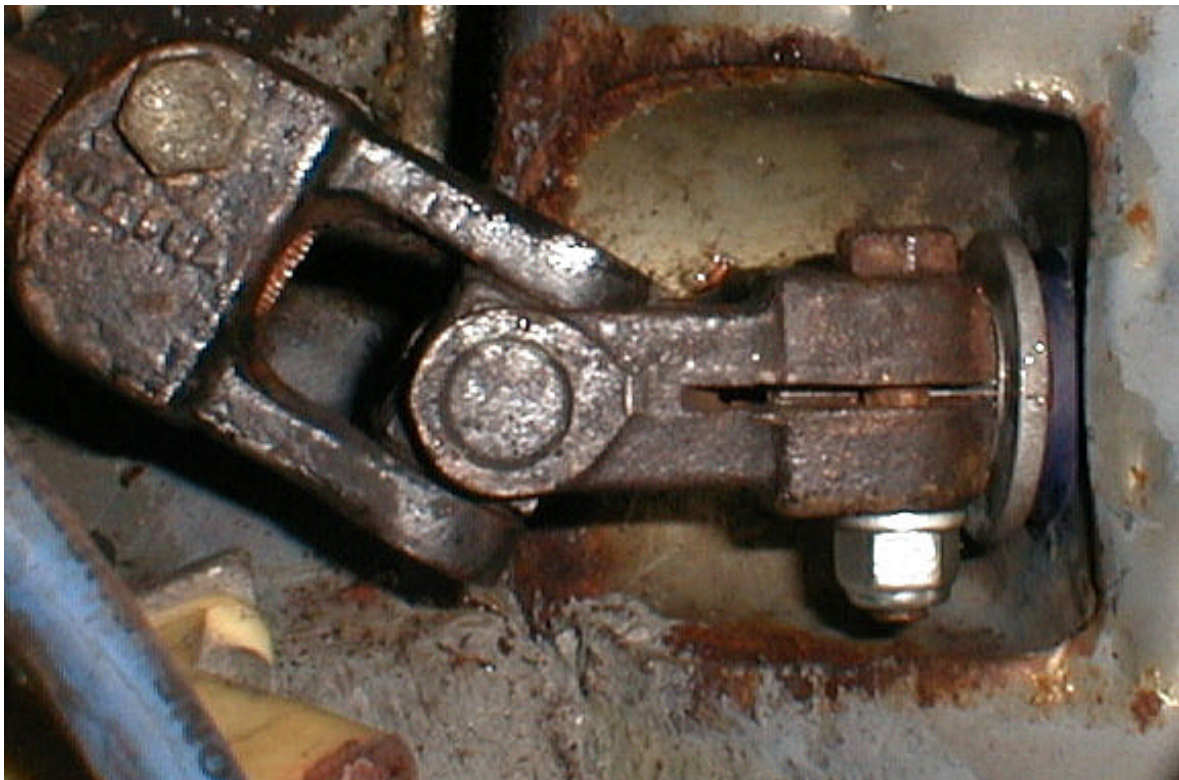


(9) While you have the knuckle joint off a little time spent now cleaning up the ends, levering the two half's apart and some copper slip or similar will speed up the assembly process no end.



“Reinsert the bolts and tighten up”

(10) Simply slide the joint back onto the two half's of the steering system – reinsert the bolts and tighten up.



(10) Finally fit the internal clamp back in place. As a tip spray Back to Black silicone spray on to the bush area and it will help to bed things in very quickly.



"As a tip spray Back to Black silicone spray on to the bush"