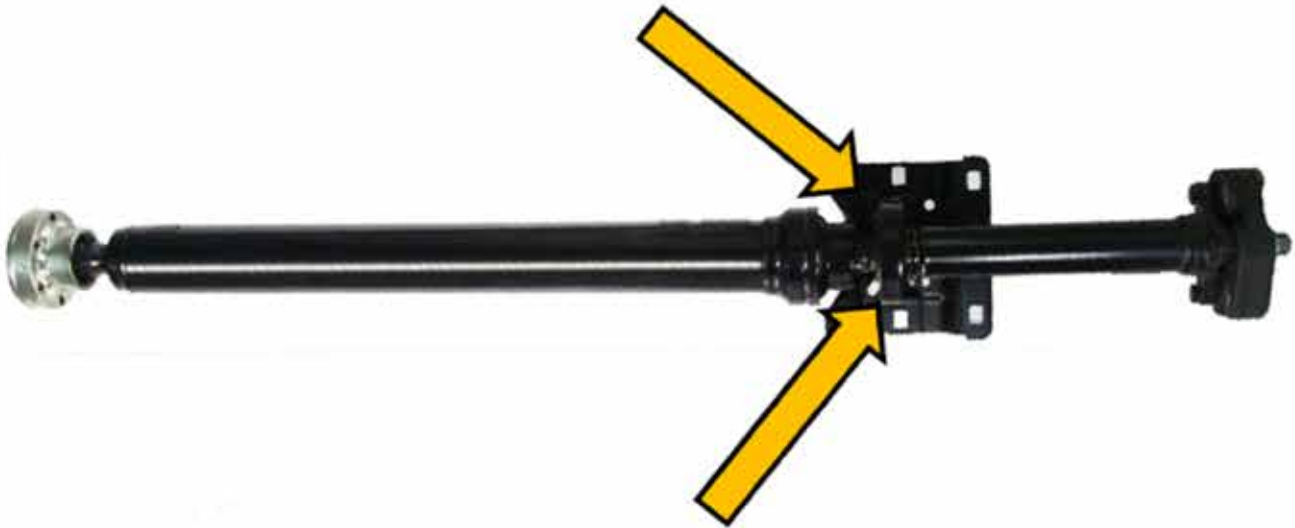


Another great How-To from alleuroparts

CAYENNE / TOUAREG CENTER SUPPORT BEARING REMOVAL



In this guide we will show you how to remove the support bearing for all Porsche Cayenne and VW Touareg models.

Tools you will need:

- 1) small flat chisel (or large flat screw driver)
- 2) hammer
- 3) external snap ring pliers

Parts Required

Meyle centre Bearing Repair Kit
100 151 0000/s

The MEYLE centre bearing repair kit offers a swift cost-effective alternative paired with unproblematic replacement. This kit includes the bearing, rubber boot, clamp ring and grease complimented by step-by-step fitting instructions to ensure full service repair.

Please enquire for kit pricing



The process:

First we need to un-crimp the cv joint boot cover to access the snap ring that holds the front section of the shaft to the rear section. Once you have the shaft split in two it's a simple process of removing the snap ring that holds the center bearing. Remove and replace the bearing, then reassemble the shaft.

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Step 1 – Mark your shaft so that you can align the shaft at reassemble. This is very important as if you assemble the shaft out of alignment you might find you now have a balancing issue. (I just use a white marker for this)



Step 2 – Un-crimp the cv joint boot cover

Work your chisel under the boot cover to start lifting it.



Work your way all the way around the cover to loosen it.



Once you have worked your way all the way around you will be able to push the boot cover off and expose the o-ring seal. (do not damage this)



Step 3 – Splitting the shaft

You now need to pull the boot cover back so that you can access the snap ring.



Get your snap ring pliers and open the snap ring as far as it can go. Then while holding it open you need to tap the front section of the shaft out or away to split the shaft.



Be careful not to pull the cv joint out too far as it will fall apart and it is quite a job to put it back together again.



It's a good idea now to cover the cv joint and put it somewhere safe while you work on the front section of the shaft.

Step 4 – Removing the center bearing

First you need to remove the strap holding the cv joint boot on to the shaft.



Step - 5

Remove the boot from the shaft.

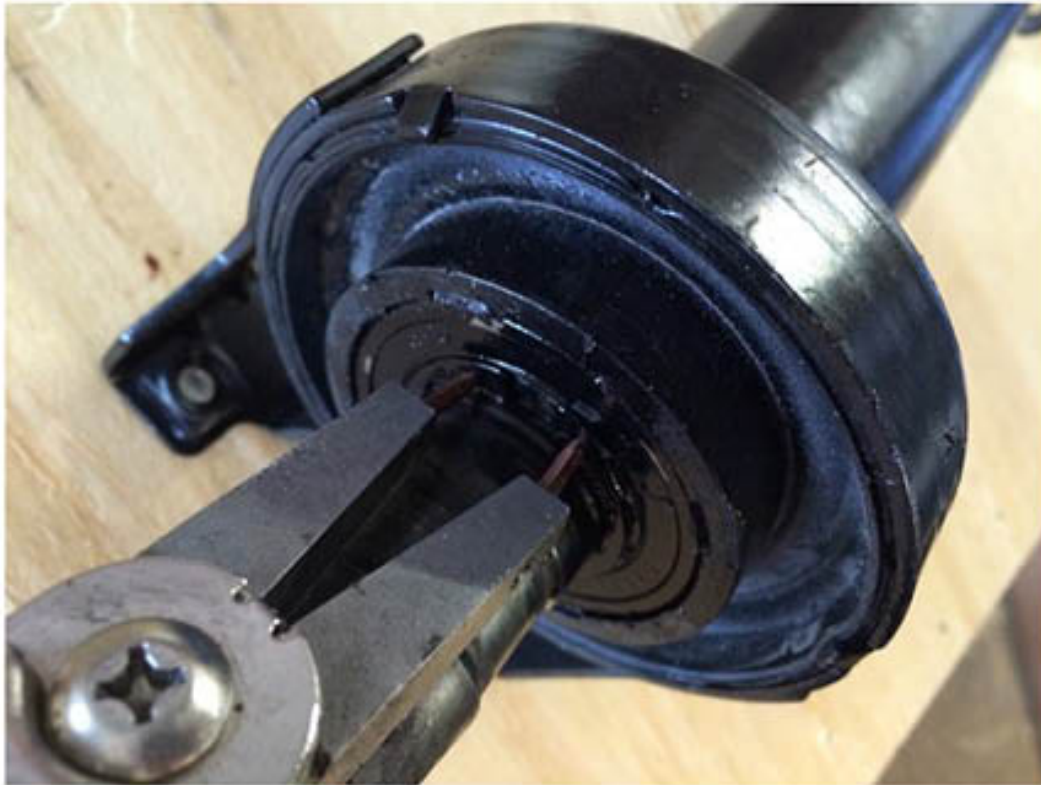


Now you can access the snap ring that holds the center bearing to the shaft.



Step - 6

Using your snap ring pliers, remove the snap ring and then remove and replace the bearing.



Re-assembling the shaft is the same process in reverse. Some points to note will be when you want to join the front section to the rear you just need to line it up with the marks you made in the beginning, then simply tap the shaft into the cv joint. It will force the snap ring open on its own and locate itself in the snap ring groove so you don't need to hold it open with the snap ring pliers.

Re-crimping the cv joint boot can be tricky. Again use your chisel or a flat punch and work your way all the way around as best you can. It is advisable to use some silicone sealant around the joint just to make sure that no grease escapes while in use.

For any questions or help contact us and we can talk you through the process.