Congratulations on your purchase of the EPS Drive Shaft Clamping Center Support. The only Surefire Solution to the failure prone center bearing supports on all Porsche Cayenne & VW Touareg models. Get excited, you are less than an hour away from permanently correcting your center bearing support!

**Tools Required**
- Floor Jack
- Jack Stands
- 16mm & 18mm Socket
- Razor Blade/s
- Die Grinder (Recommended)
- 6” 5mm Allen Wrench
- 18mm Torx Drive
- Ratchet or Impact Wrench

**Parts Included**
- DSCCS Upper Half x 1
- DSCCS Lower Half x 1
- 5mm Allen Bolt – Long x 2
- 5mm Allen Bolt – Short x 2
- Updated Flex Disc x 1
- 18mm Torx Bolt x 6
- 18mm Nut x 6
- 18mm Washer x 6
**Step 1:**

Locate the Drive Shaft protection plate located on the bottom of the vehicle towards the center. You will need to jack your vehicle up using a floor jack or a lift in order to gain access to the plate. Be certain to use jack stands for your safety.

**Step 2:**

Using a 13mm socket, remove the 2 inner bolts on the protection plate. Once removed you will need to remove the 4 outer bolts on the protection plate using a 16mm socket. Once all 6 bolts have been removed you can remove the protection plate from the vehicle and set aside for the moment.

**Step 3:**

Locate the faulty bearing support directly behind the now removed protection plate. The support will be hanging loosely from the Drive Shaft as its inner rubber disc has deteriorated. Slide the faulty support up the Drive Shaft a few inches in order to gain better access to it. In the following step you will be cutting this from the vehicle.
**Step 4:**

Using a die grinder or a hack saw, cut through the outer ring of the faulty bearing support. Do not be intimidated by this step, the mild steel construction of the support ring allows for very easy cutting - even by hand.

![Image of die grinder](image1.jpg)

**Step 5:**

Now that the outer ring of the faulty bearing support has been cut through, with a firm grip, grab the outer ring of the faulty bearing support and pull steadily downward. The mild steel ring will bend back and slide off the Drive Shaft. You can now discard the faulty bearing support.

![Image of outer ring being pulled](image2.jpg)

**Step 6:**

Now that the faulty bearing support has been removed, you now have access to the Drive Shaft center bearing. The bearing will still have remnants of rubber adhered to it. Using a standard flat razor, cut away the rubber removing as much of it as you can. You want a smooth, metal surface on the bearing before you can install the Clamping Bearing support. You can also use your die grinder (See Step 6) to simplify this task.

![Image of razor scraping rubber](image3.jpg)
Step 7:

Use your die grinder to smooth the surface of the center Drive Shaft bearing. Once all remaining rubber has been removed from the bearing you can continue to the next step.

Step 8:

Take the upper half of the Drive Shaft Clamping Center Support (DSCCS) and place it on the center Drive Shaft bearing and rotate it towards the top of the Drive Shaft. This will allow for you to mount the lower half of the DSCCS in the following step.

Step 9:

Place the lower portion of the DSCCS on the bottom of the Drive Shaft bearing and line it up with the upper half of the DSCCS. Once aligned, use your 6" long Allen wrench and (long) 5mm Allen Bolts (2) to join inner portion of the upper and lower halves of the DSCCS. Once tightened, install the (short) 5mm Allen Bolts (2) to the outer portion of the DSCCS. Tighten the bolts firmly by hand. No additional torque is required.
Step 10:

Hooray! Your Drive Shaft bearing support is now fixed! It’s time to reinstall the Drive Shaft protection plate that you removed in Step 2 by simply reversing step 2

Updated Flex Disc Installation
- Installation Required*

NOW that you have fixed your Drive Shaft support it is time to replace your hardened, brittle Flex Disc with the updated flex disc that was included with the DSICS. These next couple of steps will guide you through this process.

Locate the front of the Drive Shaft. You will see that there are 6 18mm bolts attaching your old flex disc to the Drive Shaft. Using your 18mm drive, remove these 6 bolts. You can now drop the front portion of the Drive Shaft enough to allow for easy removal of the old flex disc. Install the updated flex disc using the new hardware included with the kit. (6 18mm Bolts, 6 18mm Washers & 6 18mm Nuts)

-No Removal of the Drive Shaft Required! –

* Failure to install included Updated Flex Disc will void warranty