

Audi Q7 4L (2005 - 05/2015) - Repair of a Worn Propeller Shaft Center Support Mount without Removal of the Shaft - Option 2

1) Loosen 2 bolts XZN M8 of center support mount.
The stiffener bracket is kept installed. So repair is to be done at limited space aft of the roller bearing.
Compare with option 1 at page 1.

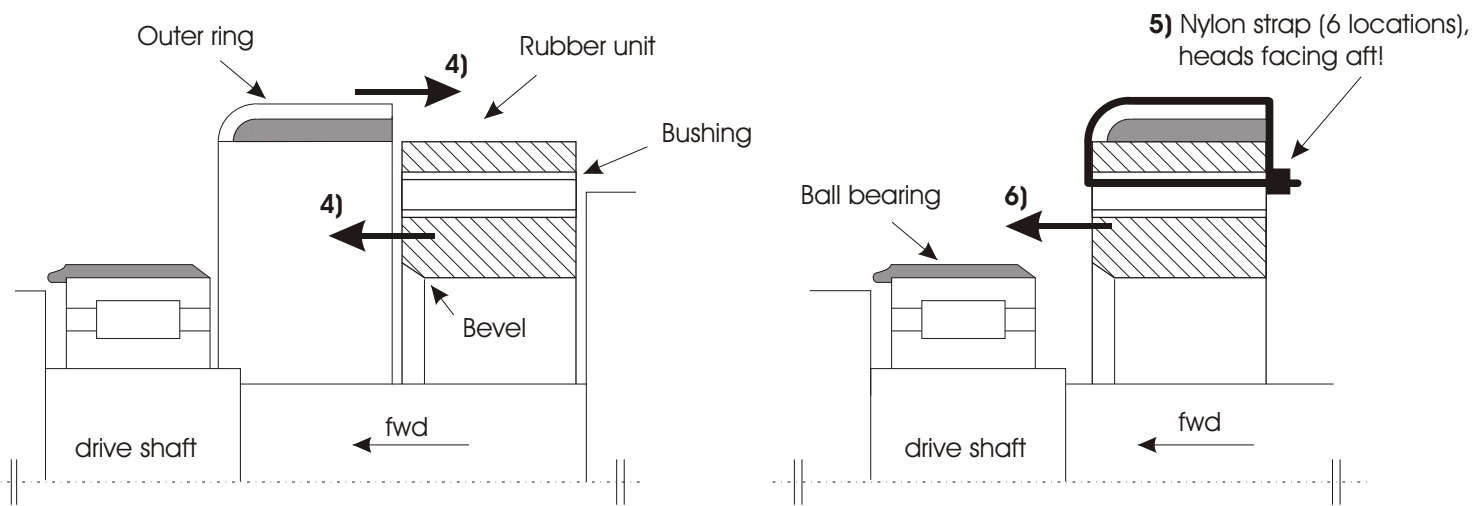
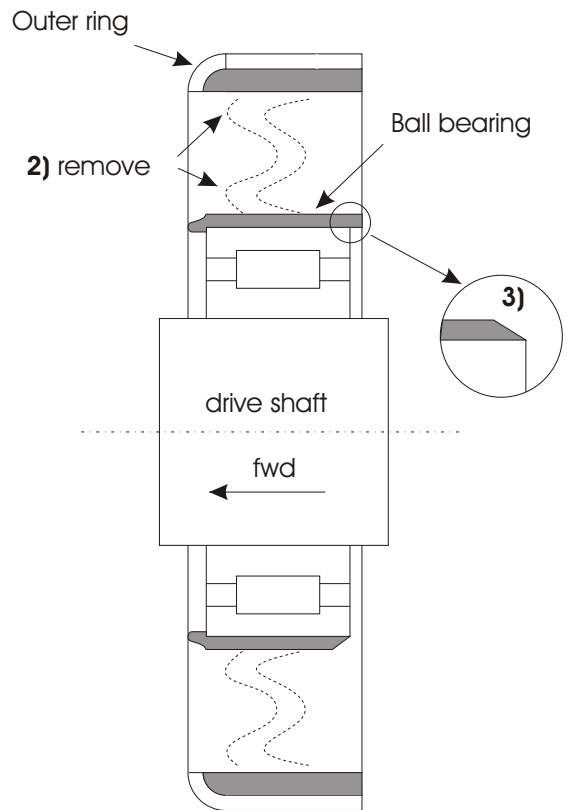
2) Remove/cut off rubber remains from the outer ring and from the ball bearing.
Keep rubber layer (1-2mm) on the ball bearing outer race and rubber inlay (3mm) on the outer ring to ensure the repair kit fits with correct tension.

3) Cut a slight chamfer into the rubber at the aft side of the ball bearing.

4) Put the new rubber unit around the drive shaft aft of the roller bearing and position it into the outer ring.
Opening on top! Bevel facing forward!

5) Install all 6 tie straps to attach the rubber unit to the outer ring. **The heads shall face aft (see figure).**

6) Move the whole assy over the bearing. Start on top. Silicone spray may help (before you start trimming the rubber layer on the roller bearing). Finally align the unit with the bearing.



7) Re-install center support mount on the car, 2 bolts XZN M8, 20Nm torque.

Accomplishment of this alternative repair is on the risk of the car owner who bears liability for any kind of consequence. If any noise or vibration is evident after installation there may be other root causes, for example: a worn front flex disc, a shaft unbalance, a damaged ball bearing or the CV-joint. **Accordingly vibration and/or noise are no reasons for claiming warranty after accomplishment of the repair.**

Material: rubber unit (Platinum-Silicone -60°C to 200°C) with 6 Nylon-bushings,
 6 straps (Nylon, 3,6mm, 182N, UV-resistant, -40°C to 85°C) **No toy, not for Children!**

Tools: knife, torque wrench, socket XZN M8

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