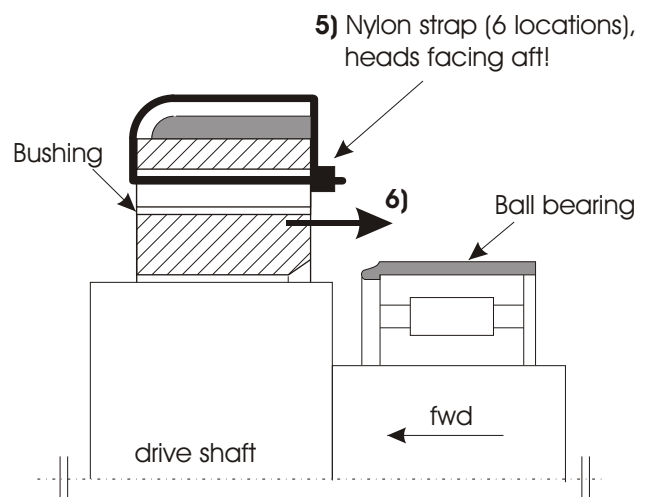
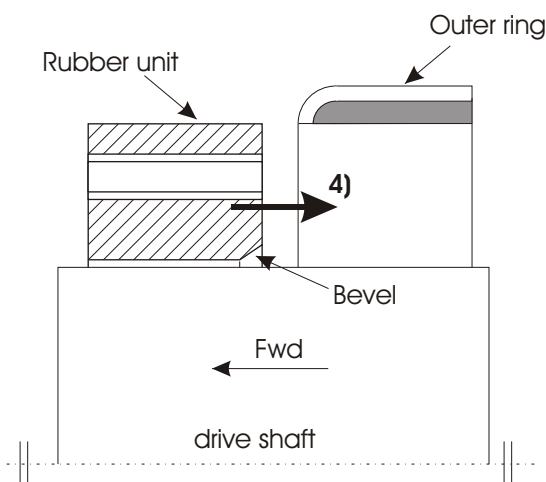
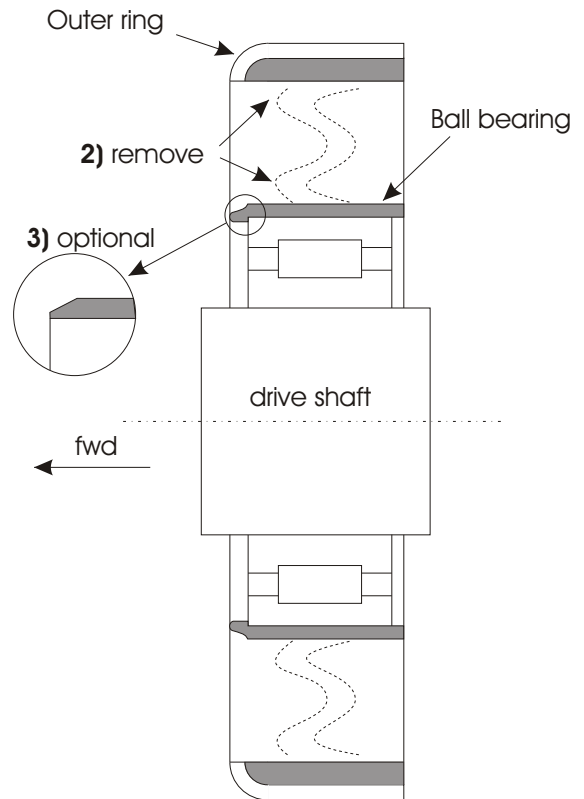


# Audi Q7 4L (2005 - 05/2015) - Repair of a Worn Propeller Shaft Center Support Mount without Removal of the Shaft - Option 1

- 1) Remove and keep stiffener bracket next to the center mount, 6 bolts M10. **Compare with option 2 at page 2.** Then loosen 2 bolts XZN M8 of center support mount. **The outer ring is loose around the forward part of the shaft.**
- 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) **Optional:** A slight chamfer may be cut into the rubber at the forward side of the ball bearing.
- 4) Put the new rubber unit around the forward part of the drive shaft and position it into the outer ring. **Opening on top! Bevel facing aft!**
- 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 stiffener bracket and center support mount on the car, 6 bolts M10, torque to 60Nm. 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, sockets 16 M10, XZN M8

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