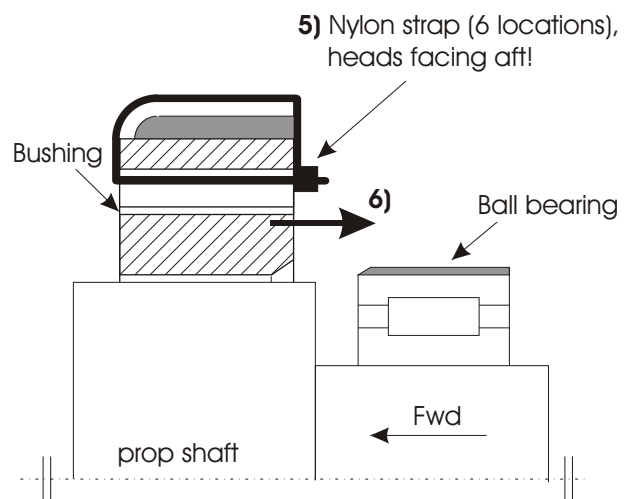
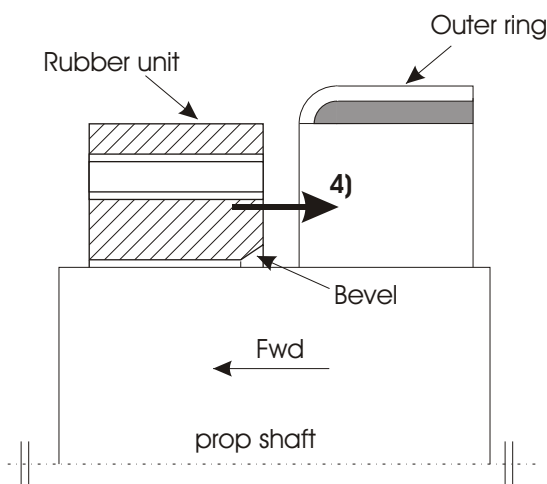
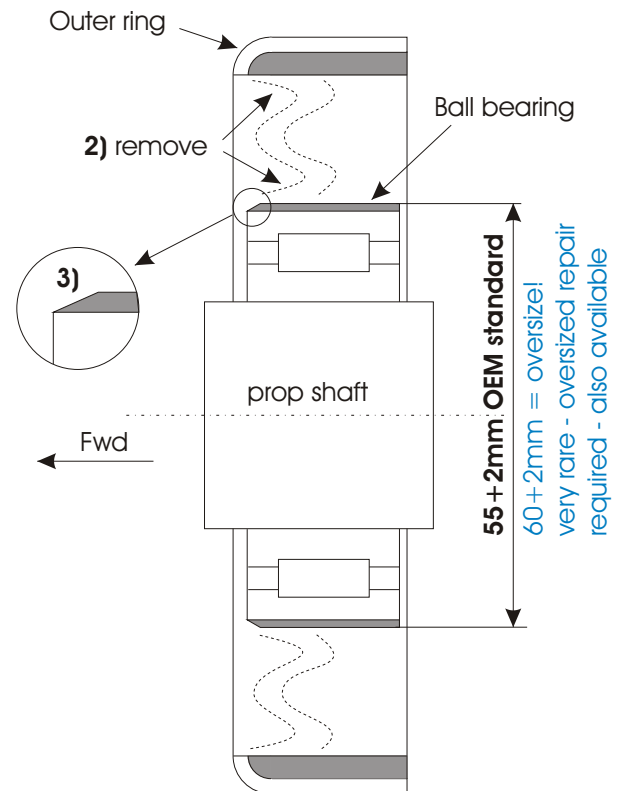


# Cayenne 9PA / Touareg 7L (2002-05/2010) - Repair of a Worn Rubber Bearing of the Propeller Shaft Center Support Mount without Removal of the Shaft

- 1) Remove and keep center support mount attachment bracket, first loosen 2 bolts M8, then 6 bolts M10
- 2) Remove/cut off rubber remains from the outer ring and from the ball bearing. **Keep rubber layer (1mm) 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 forward side of the ball bearing.
- 4) Put the new rubber unit around the forward part of the prop 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 must face aft especially at the left and right side positions (see figure).**
- 6) Move the whole assy over the bearing. Start on top. Silicone spray may help. Finally align the unit with the bearing at a straight centered position.



- 7) Re-install center bearing attachment bracket on the car, 6 bolts M10, torque to 60Nm. Finally attach the center support mount with 2 bolts M8, 20Nm torque. According to the shop manual a centering tool is required for center bearing installation. As an option the old screw marks on the bracket may be used for guidance.

**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 a worn CV-joint. **Accordingly vibration and/or noise are no reasons for claiming warranty after accomplishment of the repair.**