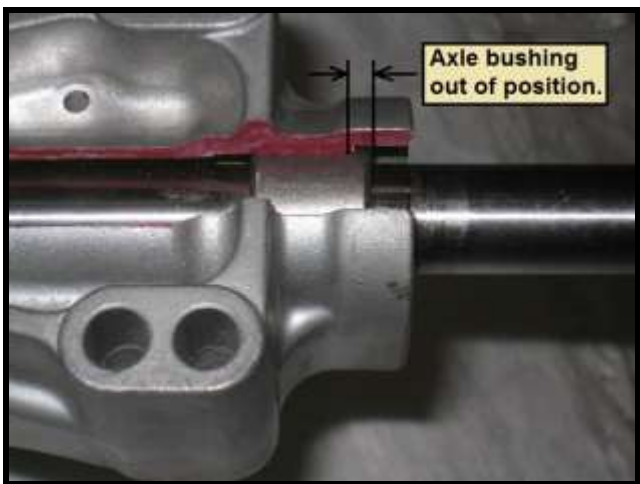


# Procedure for Replacing Axle Shaft Seal

1. Use a flat head screw driver and mallet to extract leaking axle seal from the transaxle case.



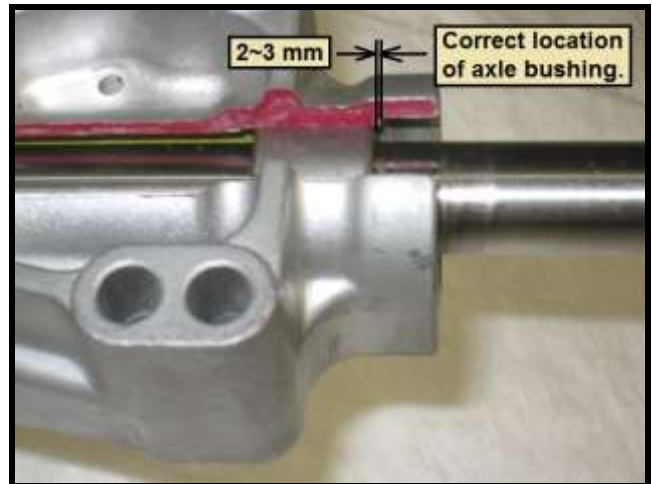
2. An out of position axle bushing can cause seal lip deformation and/or damage; thus, resulting in oil leakage.



3. Drive bushing into position with a hammer and a piece of  $\frac{3}{4}$ " pipe of similar O.D. as bushing.



4. Correct position of axle bushing = 2~3mm beyond offset in upper housing.



5. Wrap tape around the axle starting inboard and ending at tip of shaft in order to cover keyway and protect double lips of new seal during installation.



6. Apply a generous coating of grease between the double lips of new seal and over the newly applied tape on axle.



7. Slide seal onto wrapped axle shaft. Seal side with lip retainer spring should be on inboard side.



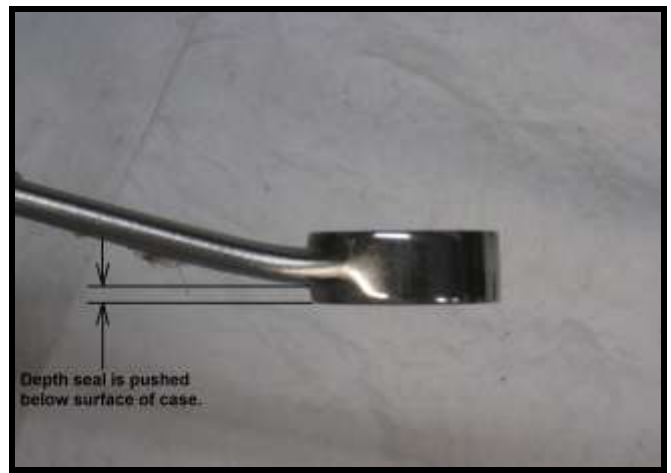
8. Use a box end wrench and hammer to move seal to final position.



9. After manually pressing seal into case port, tap around outer rim of seal with the hammer.



10. Use a box end wrench with outer diameter near same size as seal to drive the seal to its final resting position.



11. Tap against end of wrench to drive seal about 1/8" below surface of housing, to the depth where chamfer on case port ends.



12. Remove tape after seal has been pressed to final position.

