

## REMOVAL INSTRUCTIONS

1. Remove axle(s) from the vehicle.
2. If replacing the axle seals located in the center section, use the appropriate driver and hammer to drive out the old seal(s).
3. If replacing the right axle seal located midpoint of the axle tube, remove the 4WD actuator and remove the engagement collar from the axle. Drive out the old seal.
4. **Clean out the axle tubes of all oil and debris.**  
**IMPORTANT: failure to clean out the axle tubes will cause new seal failure. Note: During the axle's installation, if the tube is not clean, it will drag debris into the new seal.**
5. Make sure the end of the axle that fits into the seal is in good condition. Clean up any scratches, rust or damage. If in doubt, replace the axle shaft.
6. Clean the seal bores.
7. **Be sure that the differential vent and vent tube are clean and free of debris.**  
**IMPORTANT: failure to clean out the vent tube will cause new seal failure.**



## INSTALLATION INSTRUCTIONS

1. Begin with ensuring the **axle tubes are clean and dry** along with the seal bores.
2. Apply a light coat of oil to the OD of the axle seal.
3. **'Center' section seals:** using the proper installation tool, **press** the new axle seals into their bores. Or if **'Right' axle tube seal**, using the proper tool, **pull** the new seal into the bore.
4. Apply a light coat of oil to the ID of the axle seal.
5. Slide the axle shaft into the axle tube until it contacts the axle seal. At that point, the tapered section of the seal will guide the end of the axle into the seal bore. This can be determined by when the axle is no longer on an angle in the tube but straightened out.
6. When the axle is straight in the tube, use a mallet to drive the axle into the seal bore.  
**Do not shove or ram the axle into the seal.**
7. Reassemble the differential.

Always consult the repair manual for proper torque specifications.