

SERVICE (IN VEHICLE)

FRONT OUTPUT SHAFT OIL SEAL R & I

Removal

1. Raise vehicle on hoist. Remove front drive shaft from axle input yoke. Loosen clamp retaining drive shaft boot to transfer case. Pull drive shaft and boot assembly out of transfer case front output shaft.
2. Place a drain pan under transfer case, remove drain plug and drain fluid from case. Remove oil seal from front output housing bore with Seal Remover (1175-AC) and Slide Hammer (T50T-100-A).

Installation

1. Ensure housing face and bore are free from nicks and burrs. Coat oil seal with multipurpose grease. Position oil seal into front output housing bore, making sure oil seal is not cocked in bore. Drive oil seal into bore with Driver (T80T-4000-W) and Output Shaft Seal Installer (T83T-7065-B).
2. Clean transfer case front output female spline and apply small amount of multipurpose grease. Insert front drive shaft male spline. Connect front drive shaft to axle input yoke and tighten bolts.
3. Push drive shaft boot to engage external groove on transfer case front output shaft. Secure boot with clamp. Install drain plug and tighten. Remove fill plug and fill transfer case with Dexron II ATF. Install fill plug and tighten.

REAR OUTPUT SHAFT OIL SEAL R & I

Removal

1. Raise vehicle on hoist. Remove rear drive shaft from transfer case output shaft yoke. Wire drive shaft out of the way.
2. Remove output shaft yoke by removing retaining nut, steel washer, and rubber seal from rear of output shaft. Remove oil seal from rear output housing bore with slide hammer.

Installation

1. Make sure output housing bore and face are free from nicks and burrs. Coat oil seal with a small amount of multipurpose grease. Position oil seal into rear output housing bore. Make sure oil seal is not cocked in bore. Drive seal into bore with Driver (T80T-4000-W) and Output Shaft Seal Installer (T83T-7065-B).
2. Install yoke, rubber seal, steel washer, and nut on output shaft. Tighten nut. Connect rear drive shaft to transfer case output shaft yoke and tighten bolts.