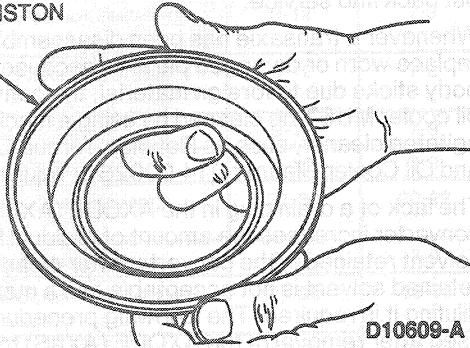


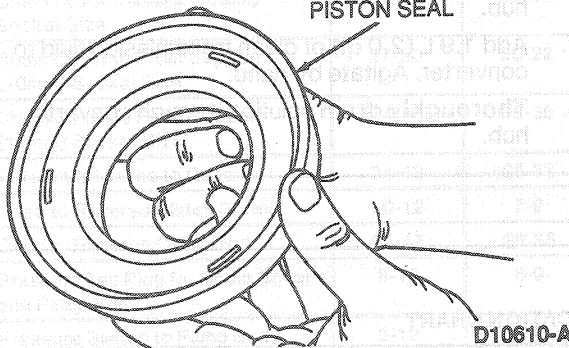
CLEANING AND INSPECTION (Continued)

7. On 3.2L SHO inspect intermediate and direct clutch pistons as well as return piston for damage of integral sealing surface. Replace piston assemblies if any damage is observed.

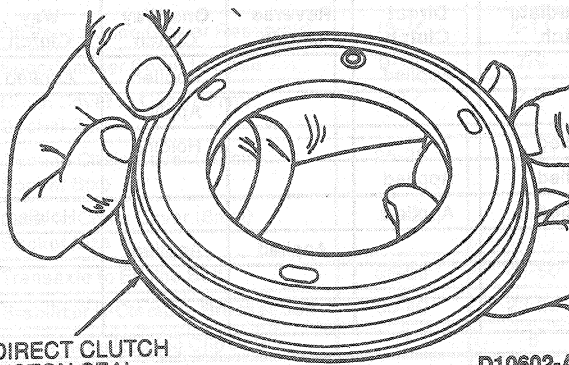
INTERMEDIATE CLUTCH
RETURN PISTON
SEAL



INTERMEDIATE CLUTCH
PISTON SEAL



DIRECT CLUTCH
PISTON SEAL



Output Shaft

1. Inspect output shaft bearing surfaces for scores. If excessive clearance or scores are found, replace shaft and inspect components.
2. Check splines on output shaft for wear and replace shaft if splines are excessively worn. Inspect all bushings.

One-Way Clutches

1. Inspect outer and inner races for scores or damaged surface areas where rollers or sprags contact races.

2. Inspect rollers, sprags and springs for excessive wear or damage.
3. Inspect spring and case for bent or damaged spring retainers.

Speedometer Drive Assembly

Inspect drive and driven gears. Replace if teeth are broken, chipped or excessively worn.

Case

Inspect the case for cracks and stripped threads. Inspect the gasket surfaces and mating surfaces for burrs. Check the vent for obstructions and check all fluid passages for obstructions and leakage.

Inspect the case bushing for scores. Check all parking linkage parts for wear or damage.

If the transaxle case thread is damaged, service kits may be purchased from local jobbers. To service a damaged thread, the following procedures should be carefully followed.

1. Drill out damaged threads, using the same drill size as the thread O.D. For example, use a 5/16-inch drill for a 5/16 x 18 thread.
2. Select proper special tap and tap the drilled hole. Tap is marked for size of thread being repaired. Thus, the special tap marked 5/16 x 18 will not cut the same thread as a standard 5/16 x 18 tap. It does cut a thread large enough to accommodate the insert, and after the insert is installed the original thread size (5/16 x 18) is restored.
3. Place insert on tool and adjust sleeve to length of insert being used. Press insert against face of tapped hole. Turn tool clockwise and wind insert into hole until insert is one-half turn below face.
4. Working through insert, bend insert tang straight up and down until it breaks off at notch.
5. Improperly installed inserts can be removed with extractor tool. Place extractor tool in insert so that blade rests against top coil one-quarter to one-half turn away from end of coil. Tap tool sharply with a hammer so that blade cuts into insert. Exert downward pressure on tool and turn it counterclockwise until insert is removed.

Planetary Carriers

Individual parts of the planet carriers are not serviceable except for the differential components.

1. Check pins and shafts in planet assemblies for loose fit and / or complete disengagement. Use a new planet assembly if either condition exists. Before installing a planet assembly, check shaft welds.
2. Inspect pinion gears for damaged or excessively worn teeth.
3. Check for free rotation of pinion gears.

Thrust Bearings

Wash thrust bearings thoroughly in cleaning solvent. Blow bearings dry with compressed air.