



Technical Service Information

THM 4L80-E/4L80-EHD FORWARD AND DIRECT CLUTCH PISTON CHANGES FOR 1997

CHANGE: Beginning at the start of production for 1997, all THM 4L80-E transmissions were produced with new design forward and direct clutch piston assemblies that are stamped steel with molded rubber seals, as shown in Figure 1. The new design level forward clutch piston also changes the forward clutch housing, with the addition of a stamped steel forward clutch sleeve with a molded seal, that replaces previous lip seal, as shown in Figure 1.

REASON: Improved park to reverse or drive shift feel, improved clutch durability, and cost savings considerations during the manufacturing process.

PARTS AFFECTED:

- (1) FORWARD CLUTCH HOUSING - Has previous intermediate seal groove and intermediate lip seal eliminated, and is now machined to accept a new steel sleeve with a molded seal that replaces the previous lip seal located in the housing, as shown in Figure 1.
- (2) FORWARD CLUTCH PISTON - New design piston is stamped steel with molded seals to replace the previous cast aluminum piston, as shown in Figure 1.
- (3) FORWARD CLUTCH INTERMEDIATE LIP SEAL - Has been eliminated and replaced with a steel sleeve with the molded seal, as shown in Figure 1. (Currently not serviced separately)
- (4) DIRECT CLUTCH PISTON - New design piston is stamped steel with molded seals to replace the previous design cast aluminum piston, as shown in Figure 1.
- (5) WAVE PLATES - Were used to replace the previous design bellville plates in both the forward and the direct clutch housings. There are 2 different thickness selective wave plates.

INTERCHANGEABILITY:

The stamped steel molded rubber seal direct clutch piston **will** retro-fit back on all previous models of the THM 4L80-E/4L80-EHD transmissions.

The forward clutch housing will also retro-fit back on all previous models, but **must** be used as a complete package, including the stamped steel molded rubber seal piston and the added sleeve with the molded seal (See Figure 1).

SERVICE INFORMATION:

Direct Clutch Piston (Stamped Steel)	24204961
Forward Clutch Piston (Stamped Steel)	24204957
Forward Clutch Housing (Includes Molded Seal)	24208850
Wave Plate, Forward and Direct	24205559
Wave Plate, Forward and Direct	24205560

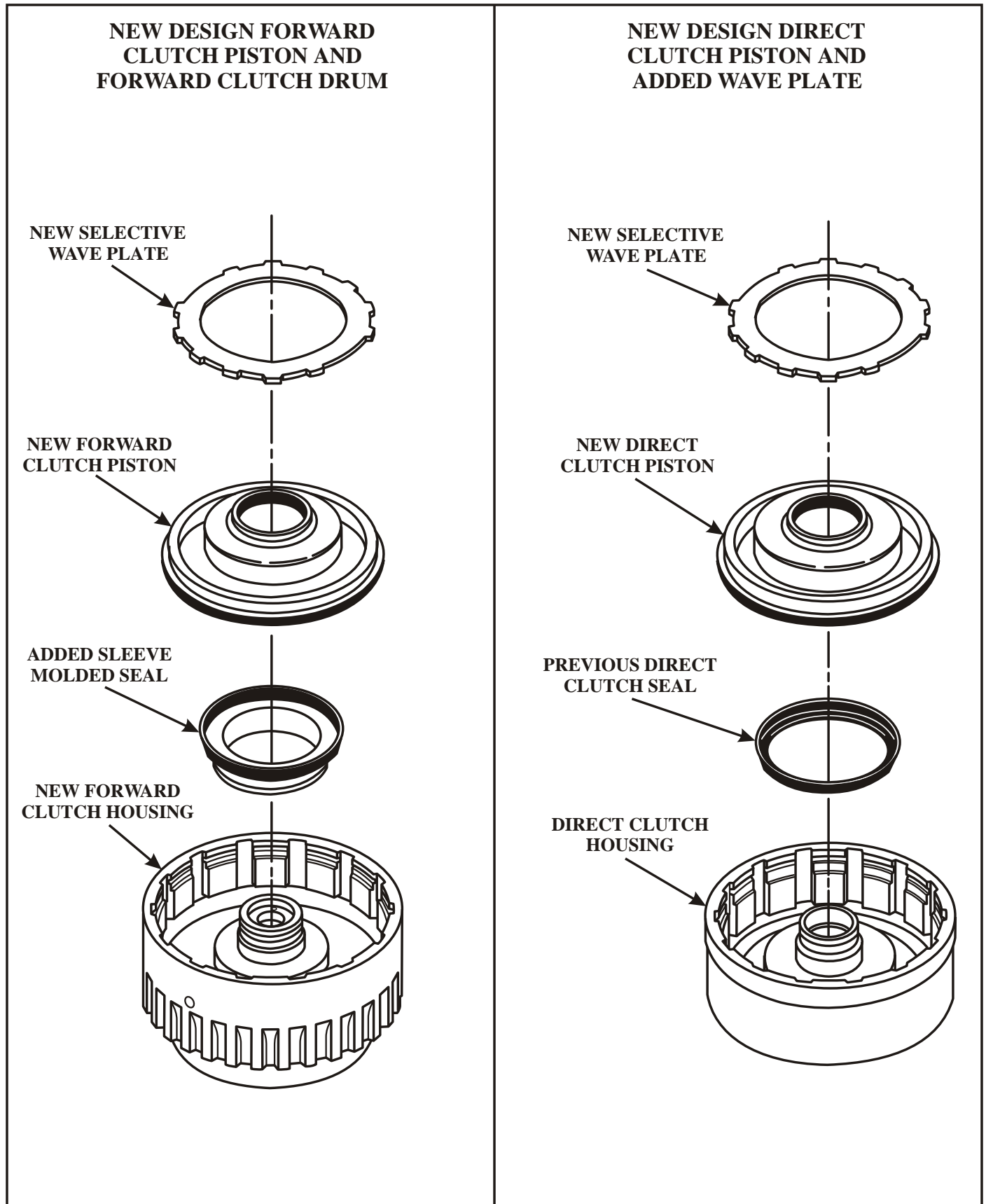


Figure 1