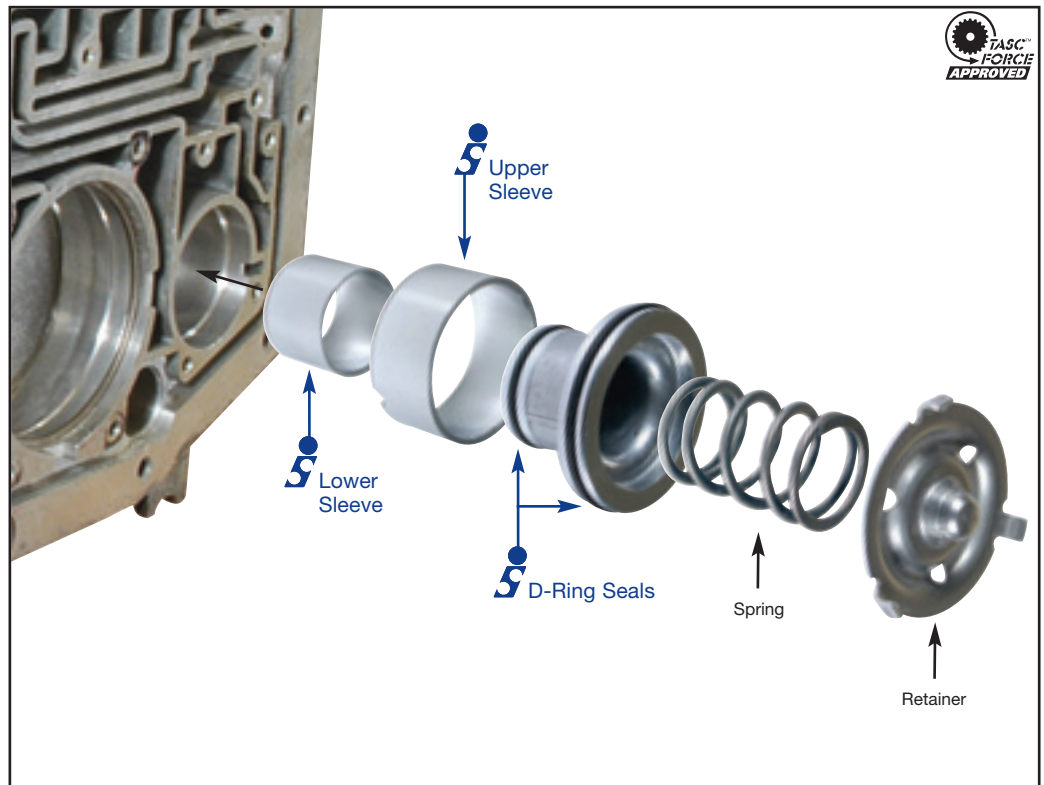


2-3 Accumulator Piston & Sleeve Kit

2-3 Accumulator Piston & Sleeve Kit

76890-21K

- 1 Accumulator Piston
- 2 Sleeves
- 2 D-Ring Seals



INSPECTION:

Whenever a 4-3 neutral, 4-3 RPM spin-up, falls out of forward gear at idle, repeated band failure or direct drum failure is concerned:

- Install an accurate pressure gauge into the forward clutch pressure tap and direct clutch tap at the same time. These are identified on passenger side rear of the case.
- Direct and forward should be within 10 psi of each other in 3rd gear. Upon shift to 4th, forward clutch must drop immediately to 0 psi and remain there.
- Forward clutch should not drop below 50 psi at drive idle hot (with OEM regulator spring). If it does, check for fluid level, pump tolerance, forward sealing rings and accumulator piston leaks. Forward and direct should respond according to throttle and EPC.

INSTALLATION:

1. Remove any burrs and/or raised areas from the two accumulator bores.
2. Roughen the OD of both sleeves and the accumulator bore with emery cloth.
3. Parts must be clean, with no oil, grease or residue. Clean parts and bore with a residue-free cleaner.
4. Start by applying Loctite 609™ (green) or Loctite™ 620™ or 962™ or Loctite 660™ (silver) or equivalent to both the outside of the small diameter sleeve and its corresponding accumulator bore.
5. Place end of sleeve with OD chamfer into bore (end of sleeve with ID chamfer should be outward).

AOD & E, 4R70/75W

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6. Push sleeve into bore until it contacts the bottom of the bore. If necessary, use the old OEM piston as a driver to seat the piston in the bore.
7. Repeat steps 3 – 5 for the large-diameter sleeve. Make sure to align cut-out at base of the large-diameter sleeve with oil passage in casting.
8. Allow Loctite™ or equivalent sleeve retaining compound to cure before any oil pressure is applied to accumulator.
9. Apply Transgel™ to the D-ring during assembly. Install Sonnax piston and D-ring seals with OEM spring in the normal manner.

