

COMPLAINT

SECONDARY COMPLAINTS

Delayed reverse, low line pressure in reverse

• Clutch failure • Shudder or slip on shift • Low clutch circuit pressure

CAUSE

Worn bushings and poor sealing ring performance associated with excessive clutch drum run-out and instability.

CORRECTION

The Sonnax precision bushings are designed to have tighter clearances for better drum stability and improved circuit integrity.

Bushing & Thrust Washer Kit

119905-01K

1 Forward Clutch Drum Bushing K1
1 Shaft Bushing K1 / 096, 097, 098 Only
1 Reverse Clutch Drum Bushing K2
1 Pump Gear Bushing
1 Pump Housing Bushing
1 Thrust Washer OEM thickness
1 Thrust Washer .015" thicker

Now Available

Bushing Installation & Removal Tools

119905-TL1

1 Tool for Forward Clutch Drum

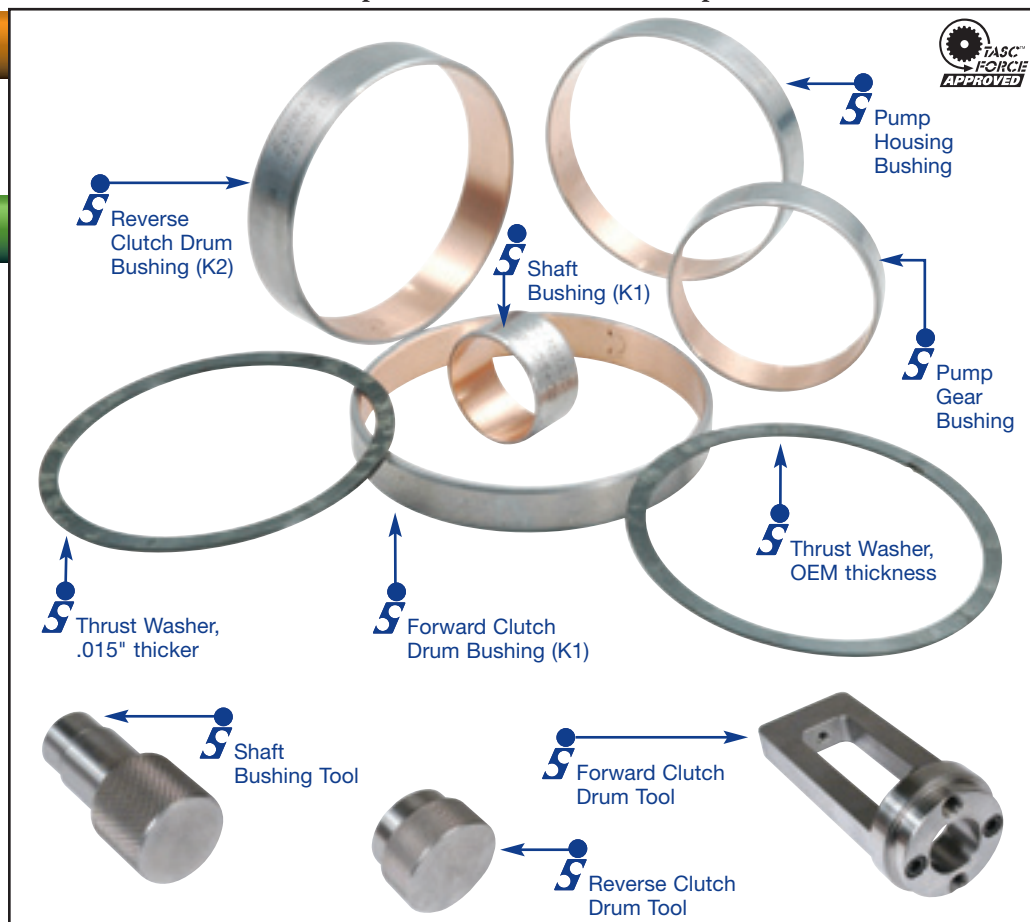
119905-TL2

1 Tool for Reverse Clutch Drum

096, 097 & 098 Only

119905-TL5

1 Tool for Shaft Bushing



Sonnax Part Summary

Worn bushings and poor sealing ring performance caused by excessive clutch drum run-out and instability can cause a variety of complaints in VW units. These include delayed reverse, low line pressure in reverse, clutch failure, shudder or slip on shift, and low clutch circuit pressure. The Sonnax bushing & thrust washer kit **119905-01K** contains five precision bushings and two thrust washers with tighter tolerances for improved sealing characteristics.

Removing the large K1 forward clutch bushing is not easy. Using a chisel or grinder does the job, but tends to score the housing bore, which is less than desirable. The Sonnax tool **119905-TL1** allows the bushing to be removed without damaging the bore, and can also be used to install the new bushing to the correct depth. Tools **119905-TL2** and **119905-TL5** are designed for installing **119905-02** & **119905-05** bushings, and allow you to do it right on the first try.

Features & Benefits

- Bushings are steel-backed and bronze-lined for better wear resistance.
- Tighter clearances provide better drum stability and improved circuit integrity.
- No machining required for bushing installation.
- Tools prevent damage to housing bore while removing bushing and allow new bushing to be installed to the correct depth.

