

# AOD SHIFT VALVE BORE SEALING TOOL

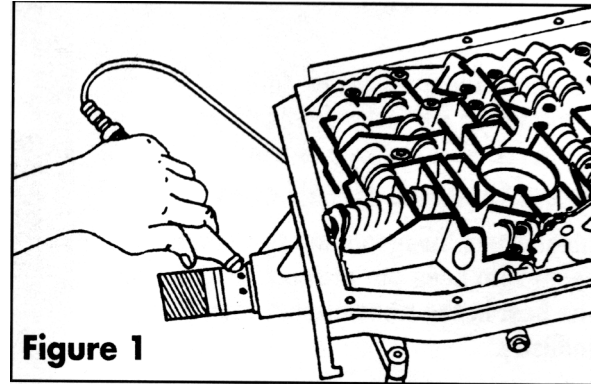


## T760

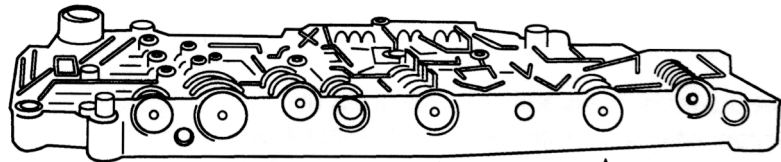
1. You can check for leaks with the pan, tail housing and governor assembly removed. Slowly apply air through the governor to the valve body port located on the main shaft (**Figure 1**). **DO NOT exceed 50 lbs. of pressure.** Check for leaks around the 1-2 and 3-4 valve plugs on the valve body (**Figure 2**). We **DO NOT** recommend sealing the 2-3 shift valve plug.

2. Install a standard bushing driver handle into the bore sealing tool. With the valve body still bolted in place, install the Bore Sealing Tool around the 1-2 and 3-4 shift valve aluminum plugs (**Figure 2**). Strike moderately with a hammer once. **DO NOT** try to stop the leak. Just reduce the excessive leak caused by worn areas due to shift valve plug movement.

**CAUTION:** Don't over seal the governor circuit such as: sealing the governor counterweight to the main shaft. It may make the governor pressure too high. This may cause 4-3 coast down clunks, especially in cold conditions.



**Figure 1**



**Figure 2**

1-2 Shift Valve

3-4 Shift Valve