

## Oversized No-Walk Case Bushing

### 34006-OS

1 Case Bushing



### Installation Instructions:

These instructions are for when the case bore has been severely damaged and the standard-size **34006-SP** cannot be used. If the bore is between 2.128/2.129" use the **34006-SP**. If the bore is larger than 2.129", follow the steps below.

1. Remove the output shaft, selective washer, thrust washer and OEM case bushing from the transmission case.
2. The case bore must be machined to a measurement between 2.171/2.172" diameter for a proper press fit. For some applications, the bushing may be slightly longer than the bore depth. This will not be a problem.
3. Press the **34006-OS** bushing into the housing bore from the inside of the transmission with the flange seated on the flat, raised surface of the transmission case.
4. Inspect the output shaft to determine if the lube hole needs to be modified. If the bushing partially restricts the lube hole, see "Lube Hole Modification" below.
5. Return the selective washer, thrust washer, and output shaft to the transmission case.

**NOTE:** On some applications, the output shaft may be snug during reassembly. Tap on the shaft at the spline area to reform the bushing high spots.

6. The rear unit endplay, controlled by the selective washer, should be set in accordance with the OEM specifications.

### Lube Hole Modification:

In some 1991 to 1996 models the output shaft lube holes may be partially restricted by the new bushing (see Figure 1). These two lube holes feed lube oil into the center of the output shaft and forward into the planetaries and rear section of the transmission. THM 400 and 4L80-E '97-up units do not have these lube holes.

Using a die grinder, chamfer the lube holes as pictured in Figure 2.

