

# INSTALLATION INSTRUCTIONS

## Input Shaft Repair

For Late Model GM 6.6L Diesel and  
8.1L Gas Engines  
With ZF manual transmissions

### KPBC66HD

#### Includes:

Pilot Bearing and Sleeve  
Installation Instructions  
Pilot Bearing Driver

1. Remove the OEM pilot bearing.
2. Install the sleeve onto the input shaft with the driver supplied one end is  $\frac{3}{4}$  inch to allow you to use your existing handle and the other is larger to drive on the sleeve. Drive it on until it bottoms against the splines.
3. Install the bearing using the end of the driver with the smaller diameter. Set the bearing onto the driver and drive into the crank end. The bearing end with the seal should go away from the crank end. Drive the bearing in until it sits near where the old original one sat.
4. Due to the fact that you are placing the input shafts end in a needle bearing. It would be good to place some lithium grease in the bearing and correctly line up the clutch and transmission so as not to damage the needle bearing.

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