

ZF4HP22 ERRATIC OR NO UPSHIFTS

- COMPLAINT:** Vehicles equipped with the ZF4HP22 transmission may come to the shop with no upshift or complaints of erratic shifting.
- CAUSE:** During an internal inspection, close examination of the (F) clutch cylinder that bolts into the case will be necessary. Abnormal ring groove wear on the drum where the governor rides will cause the loss of governor pressure. With a new ring installed on the drum, side clearance should be .003"-.006" in. (SEE FIGURE 1).
- CORRECTION:** A new (F) clutch cylinder must be installed if any wear or damage is found. New sealing rings must also be installed. Rubber sealing rings will work, but steel rings are the preferred choice. The part number for the (F) clutch cylinder is 24-23-1217-088.

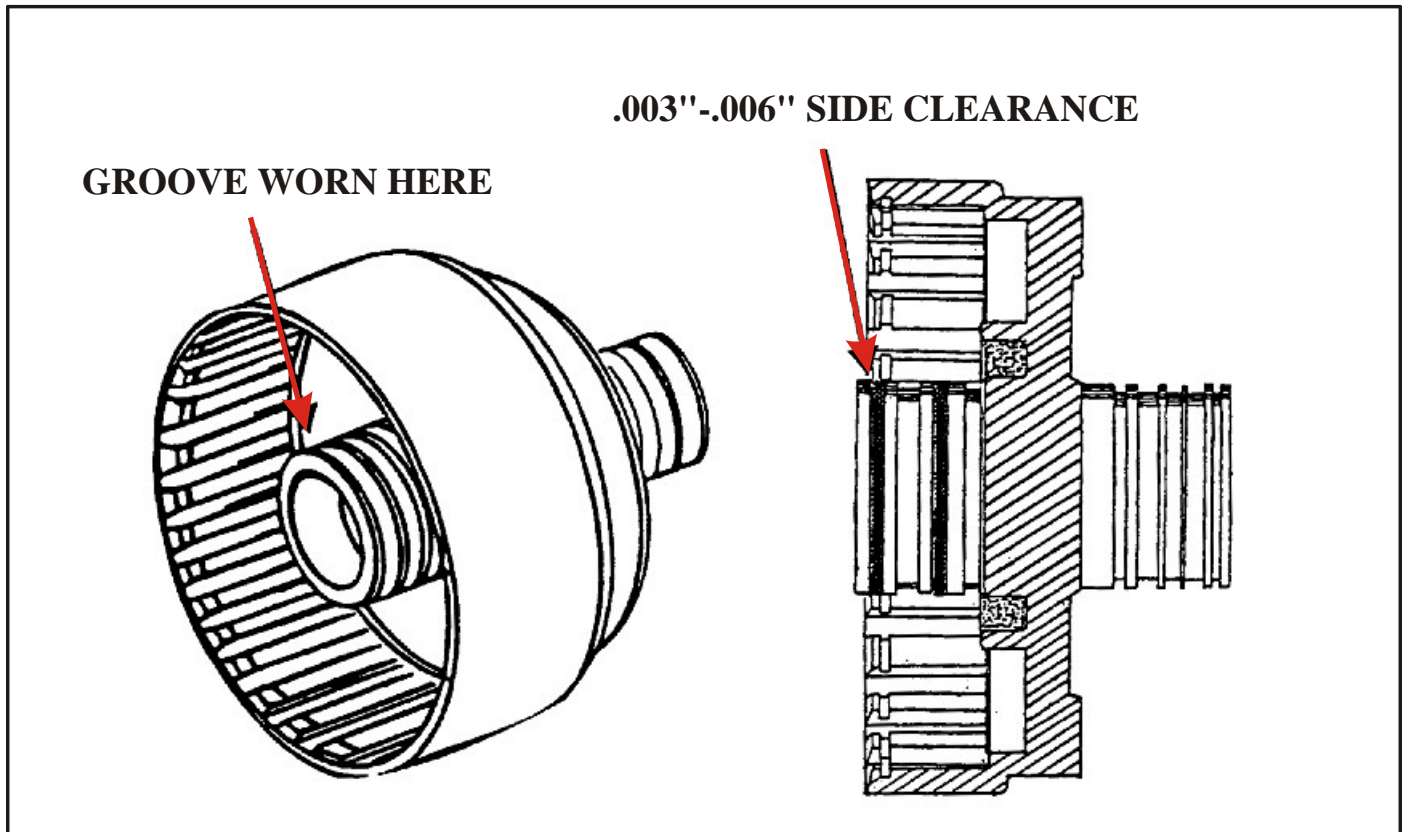


Figure 1