



Technical Service Information

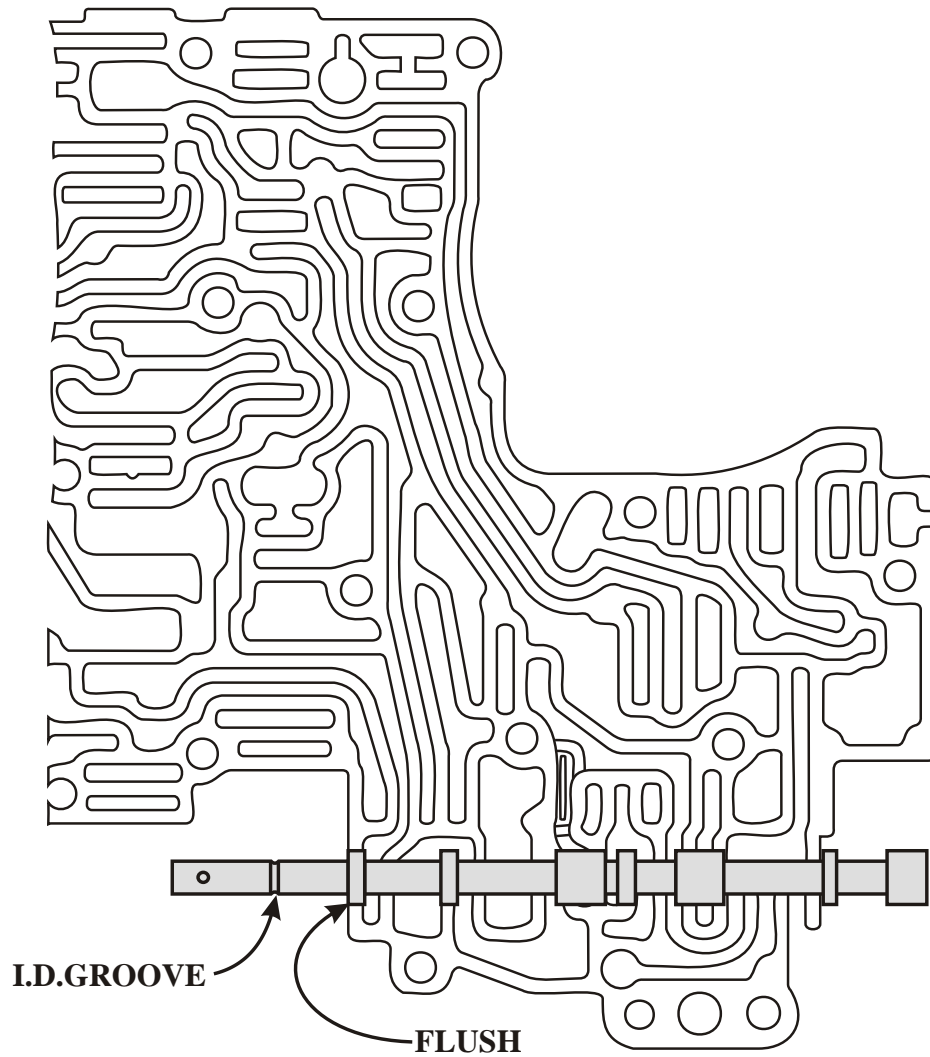
FORD A4LD TIE-UP IN THE PARK POSITION

COMPLAINT: After overhaul, your A4LD transmission exhibits a "Tie-Up" condition, when the selector lever is placed into the Park position.

CAUSE: The cause may be, an improperly adjusted manual valve. The .075" puck supplied in some gasket sets and in some valve body kits WILL NOT WORK ON ALL MODELS. On SOME valve bodies, using the "Puck" to adjust the manual valve, will allow the manual valve to move past the Park position and apply the forward clutch.

CAUSE: Check the manual valve adjustment as follows:

1. Measure the link hole in the manual valve to ensure that it is .157" in diameter, and has not elongated due to wear. It is also recommended to use the latest manual valve, with the I.D. Groove near the link hole, and available under OEM number E8TZ-7C389-A. (See Figure 1).
2. With the valve body installed on the transmission, place the manual lever into the "D2" position.
3. With the manual lever in the "D2" position, the first land on the manual valve should be flush with the valve body casting, as shown in Figure 1. However, approximately .010" below flush to .020" above flush with the valve body casting is totally acceptable.
4. Bend the manual valve link as necessary to achieve the dimensions listed above.



WITH THE MANUAL LEVER IN THE “D2” POSITION THE FIRST LAND ON THE MANUAL VALVE SHOULD BE FLUSH WITH THE VALVE BODY CASTING

Figure 1