



# Technical Service Information

## **FORD A4LD DIRECT CLUTCH FAILURE DELAY IN REVERSE**

**COMPLAINT:** Premature failure of the direct clutch pack.

**CAUSE:** Inspect for the following;

- \* Rear end play out of specification. Select #4 thrust washer that will obtain an end play of close to .012". DO NOT go under .012".
- \* Nicked or cut center support viton (Rubber) seals. DO NOT use steel or teflon seals in this location.
- \* Direct clutch piston check ball leaking.
- \* Shift Cable - High resistance to movement.
- \* Shift Bezel - High resistance to movement.
- \* Manual valve out of position.

**CORRECTION:** There is now a new design manual valve available for service, and can be identified by a groove on the valve stem just behind the manual valve link hole (See Figure 1). The 2nd design manual valve has a thinner land on it, as shown in Figure 1, and went into production vehicles in January, 1988.

**SERVICE INFORMATION:**  
Manual Valve (2nd Design)..... E8TZ-7C389-A

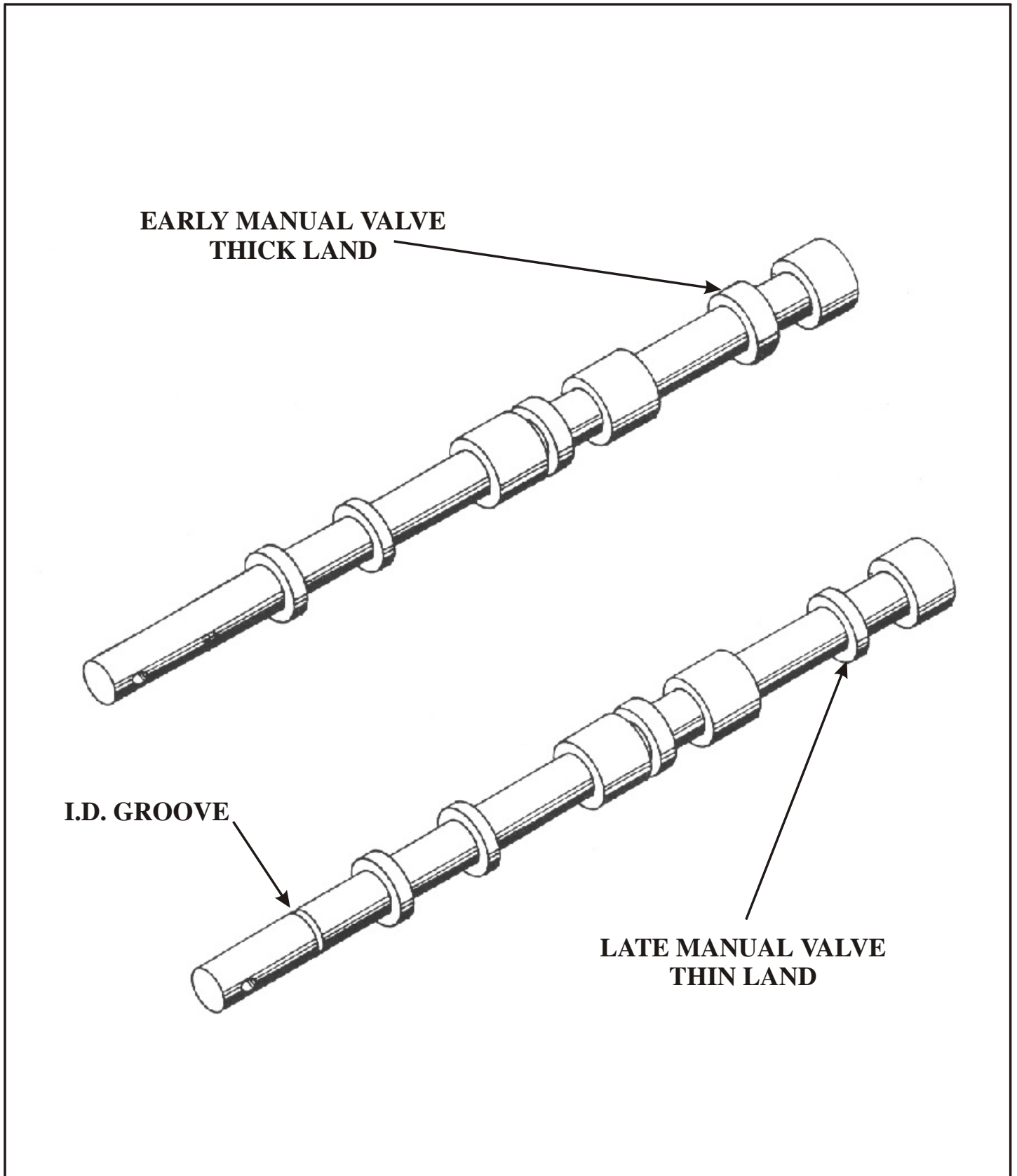


Figure 1