



## **FORD 4EOD NEW DESIGN SOLENOID PACK FOR 1995 VEHICLE HARNESS WILL NOT CONNECT TO A NEW SOLENOID PACK**

- CHANGE:** After rebuild, the vehicle exhibits a 4th gear start with the selector lever in the OD position, but when manual shifted through the gears all is OK.
- REASON:** The cause may be, a 1990 Main Valve Body installed onto 1989 spacer plate, 89 gaskets, and 89 checkball locations. This will block solenoid feed oil to the 1-2 shift valve. Since shift solenoid 2 is OFF electronically, and shift solenoid 1 is OFF hydraulically (Feed Oil Blocked), the transmission will be in 4th gear.
- PARTS AFFECTED:**
- (1) MAIN VALVE BODY SPACER PLATE - Can be positively identified by the solenoid feed hole location, as shown in Figures 1 and 2. Can also be identified by the shape of the I.D. notches in the spacer plate, as shown in Figures 1 and 2.
  - (2) VALVE BODY GASKETS - Must have solenoid feed hole locations in the gaskets that match the solenoid feed hole locations in the spacer plate, as shown in Figures 1 and 2.
  - (3) MAIN VALVE BODY - Can be identified by the differences in the worm track area at the 1-2 shift valve, as shown inside the circles in Figure 3. Can also be identified by the rough forging number cast into the valve body in the location shown in Figure 4.  
RF-E9TP-7A092 = 1989 Model  
RF-FOTP-7A092 = 1990 Model
  - (4) LOWER VALVE BODY SPACER PLATE - Can be identified by the diameter of the feed hole in the location shown in Figure 5. For 1989 models the hole diameter is .312", and for 1990 models the hole diameter is .055". They can also be identified by the I.D. notches in the spacer plate. 1989 plate has no notch and 1990 plate has one notch, as shown in Figure 5.
  - (5) LOWER VALVE BODY - The engagement control valve retaining clip on 1989 models, was replaced by bore plug and new design clip on the 1990 model, which also changed the worm track configuration in that area, as shown inside the circles in Figure 6. The lower valve body can also be identified by the rough forging number cast in valve body.  
RF-E9TP-7A101 = 1989 Model  
RF-FOTP-7A101 = 1990 Model



# Technical Service Information

**PARTS AFFECTED:**

- (1) The 1989 main spacer plate must be used on 1989 case, with 1989 checkball locations, 1989 valve body gaskets, and 1989 Main Valve Body.
- (2) The 1989 Main Valve Body can be used on later models, but the 1990 Main Valve Body **MUST** be used on 90-UP models.
- (3) The Lower Valve Body and spacer plates should also be kept together, large (.312") hole with 1989 model, and small (.055") hole with 1990 models.

**SERVICE INFORMATION:**

Main Valve Body Spacer Plate (1989 Models) . . . . .	E9TZ-7A008-A
Main Valve Body Spacer Plate (90-UP Models) . . . . .	F0TZ-7A008-A

## 1989 SPACER PLATE

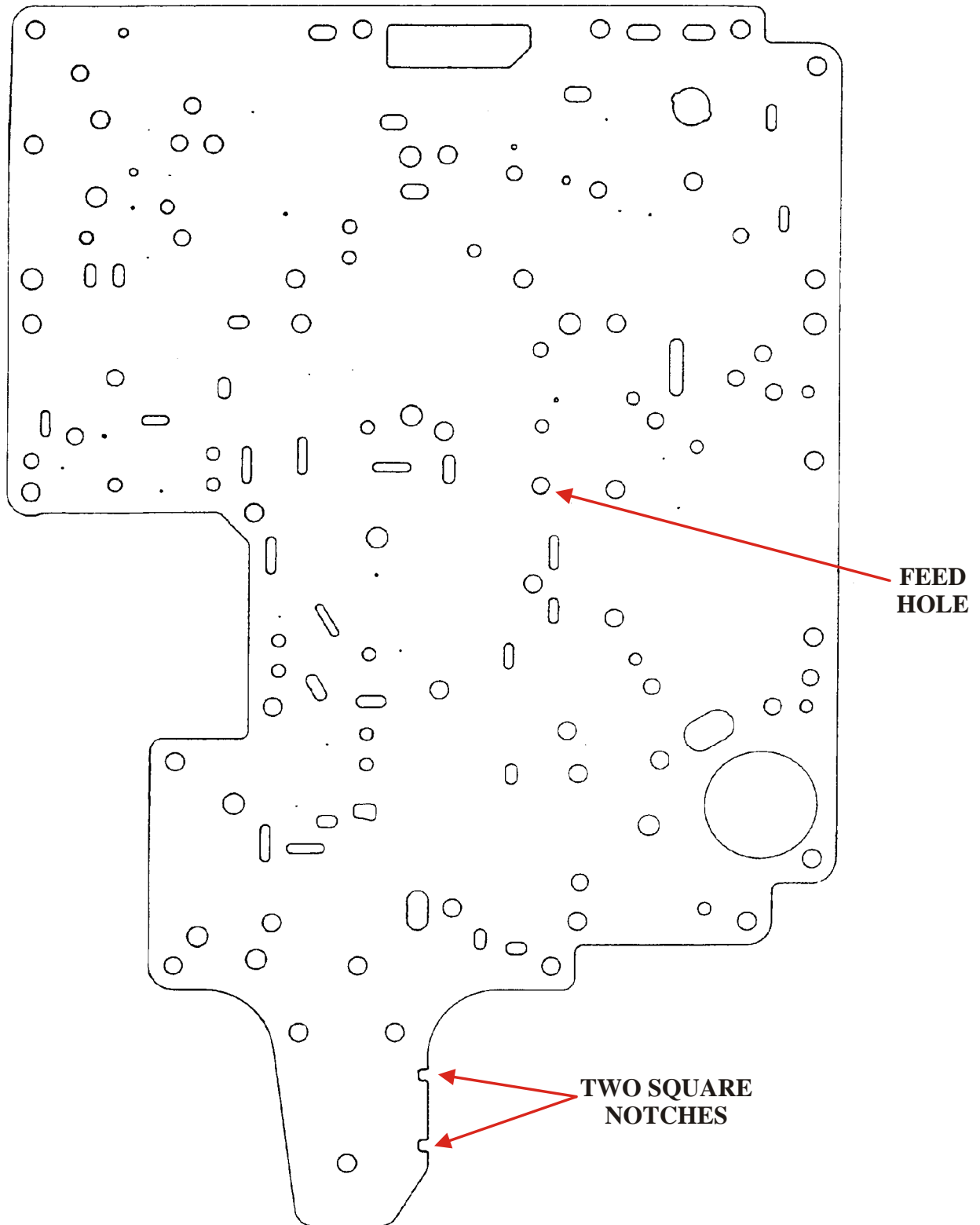


Figure 1

## 1990 SPACER PLATE

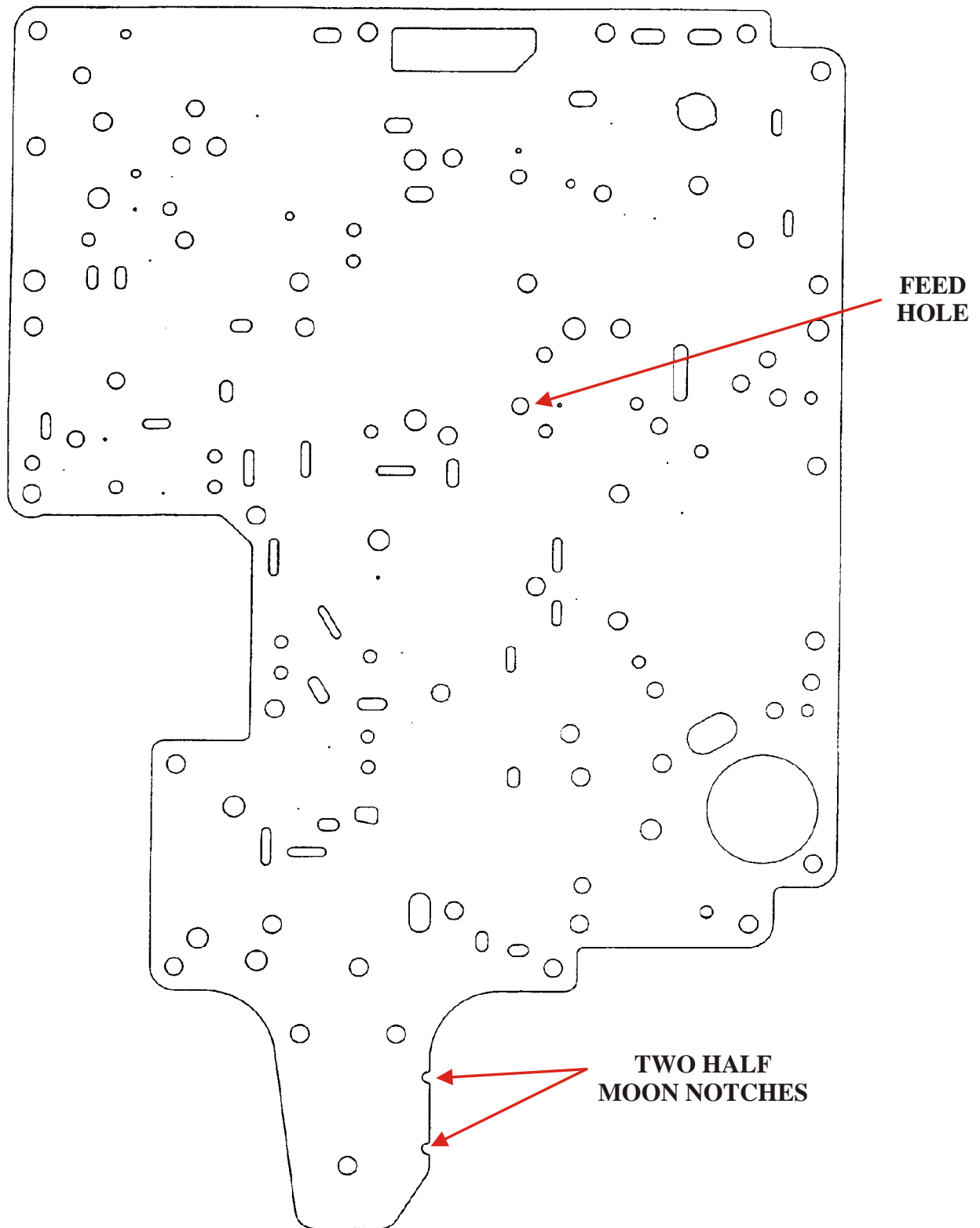


Figure 2

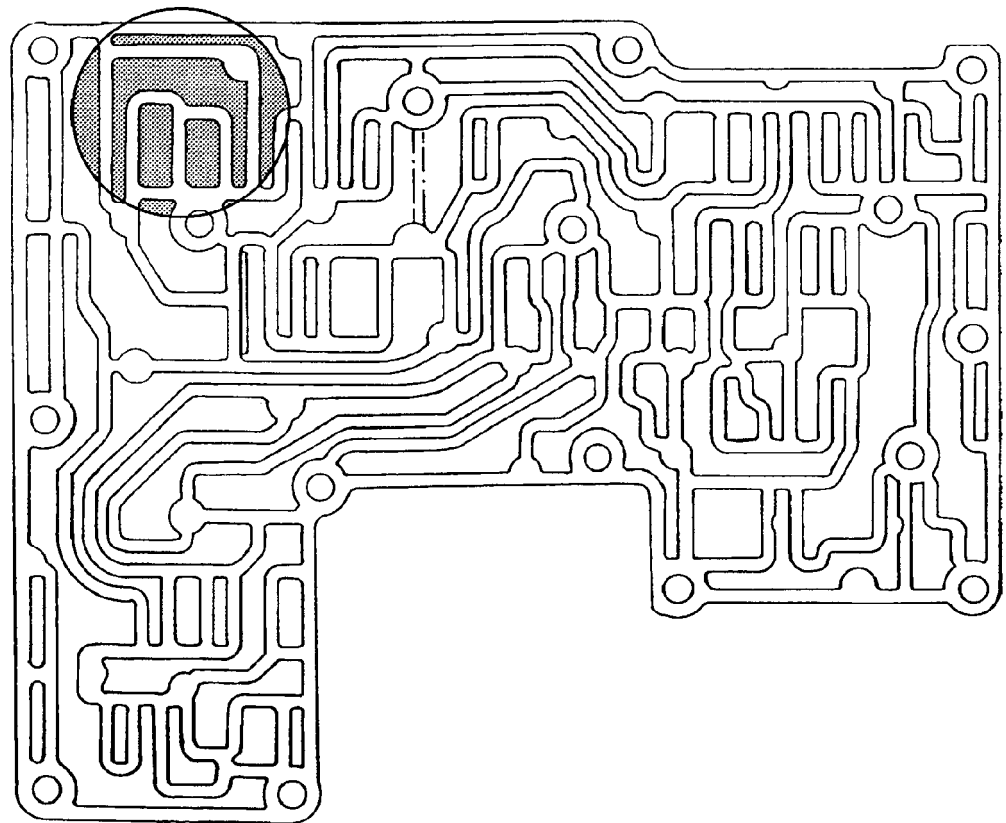
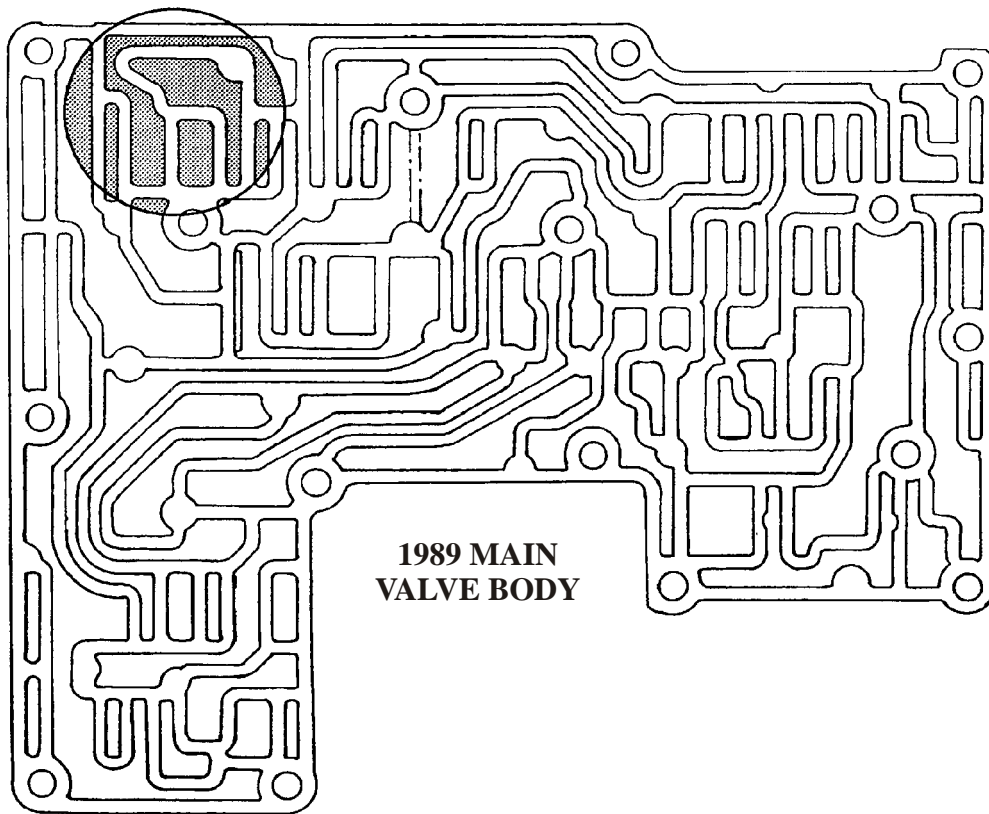


Figure 3

## VALVE BODY

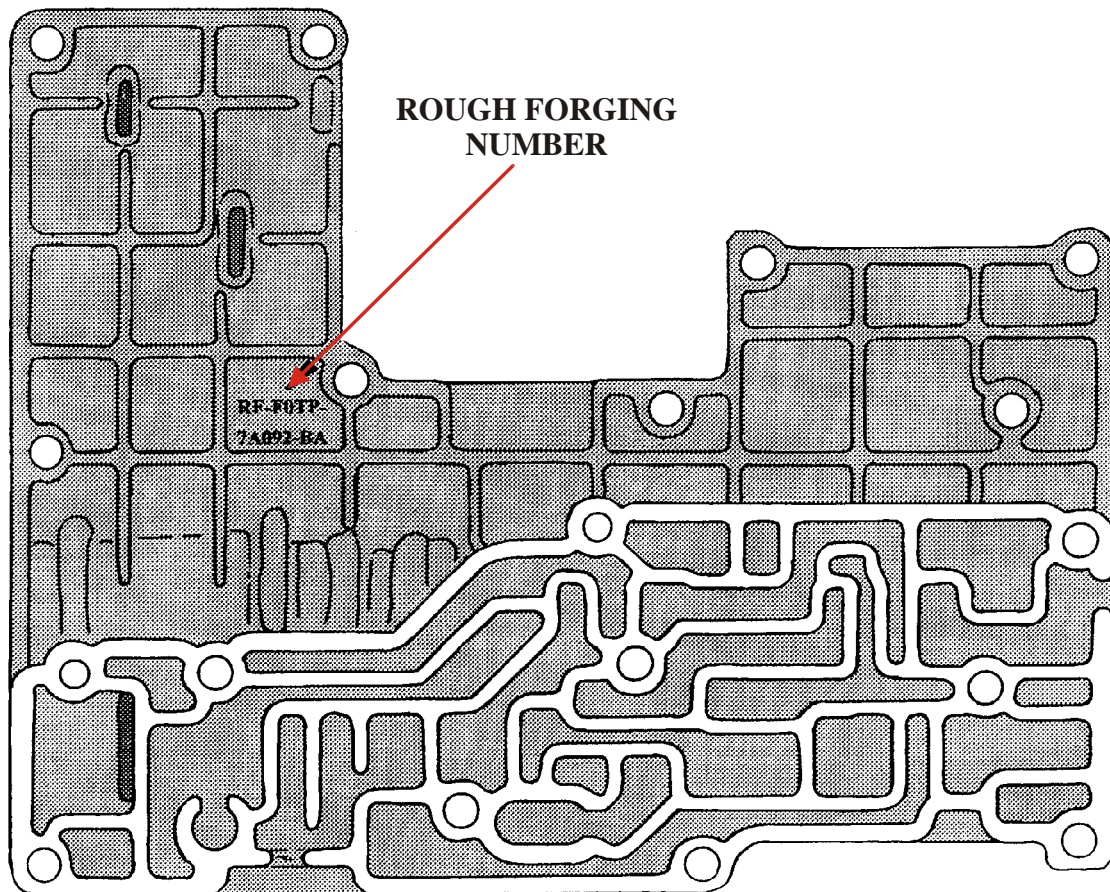
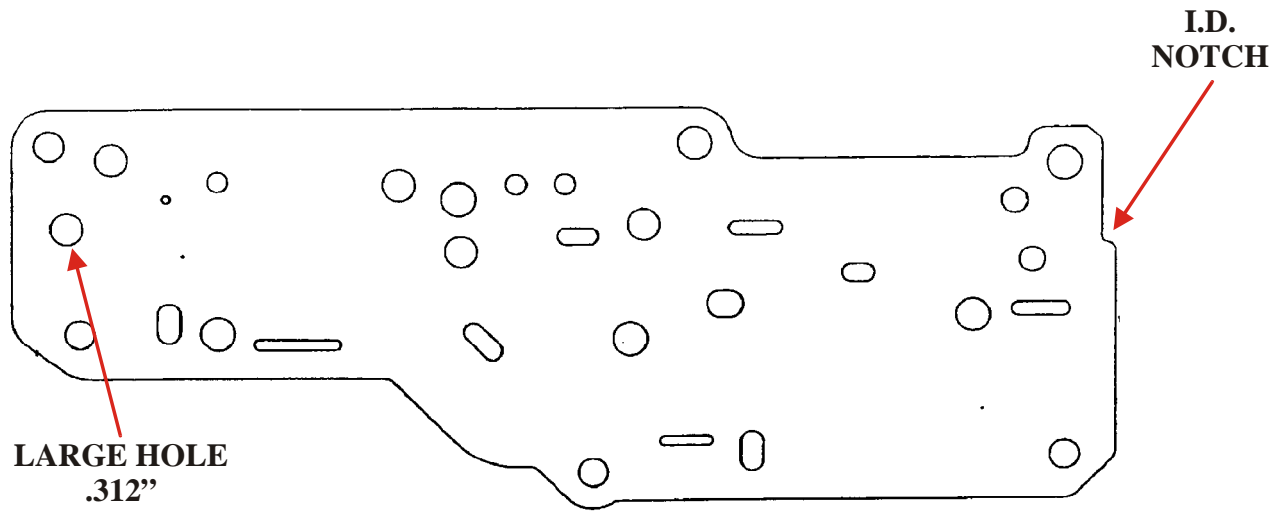


Figure 4

### 1989 LOWER VALVE BODY SPACER PLATE



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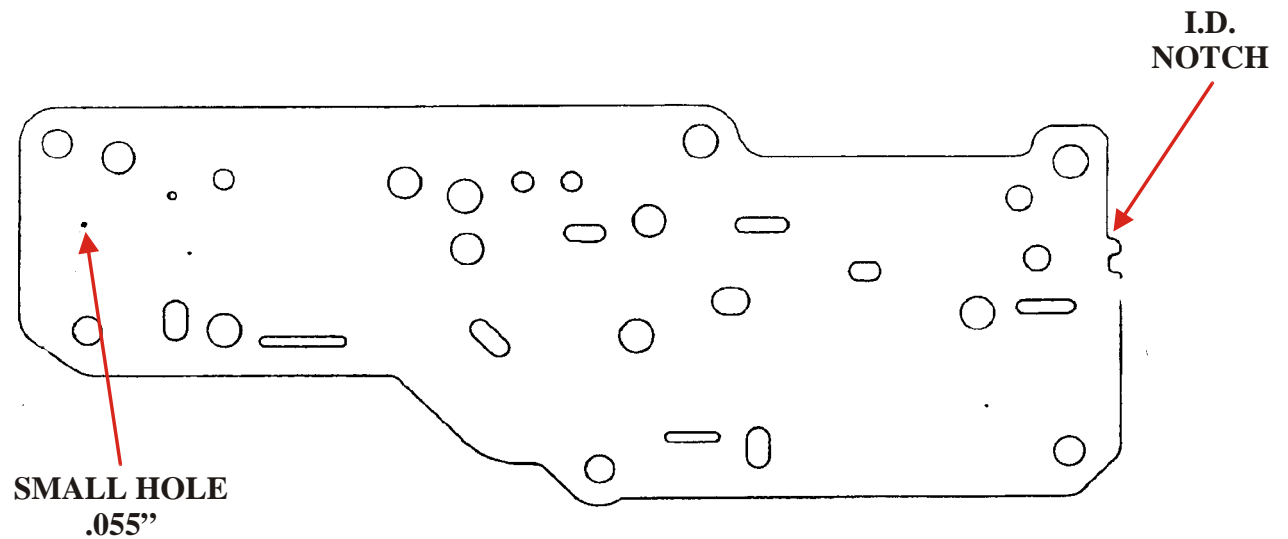
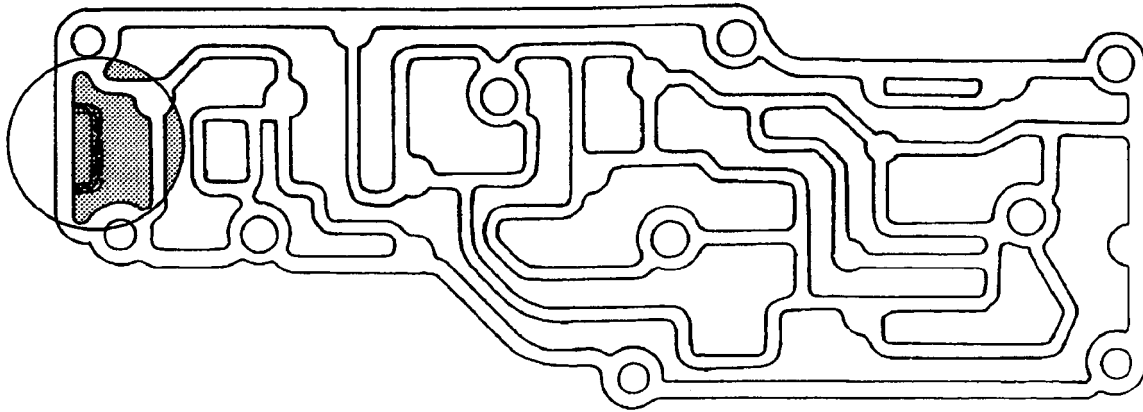


Figure 5

**1989 LOWER VALVE BODY**



**1990 LOWER VALVE BODY**

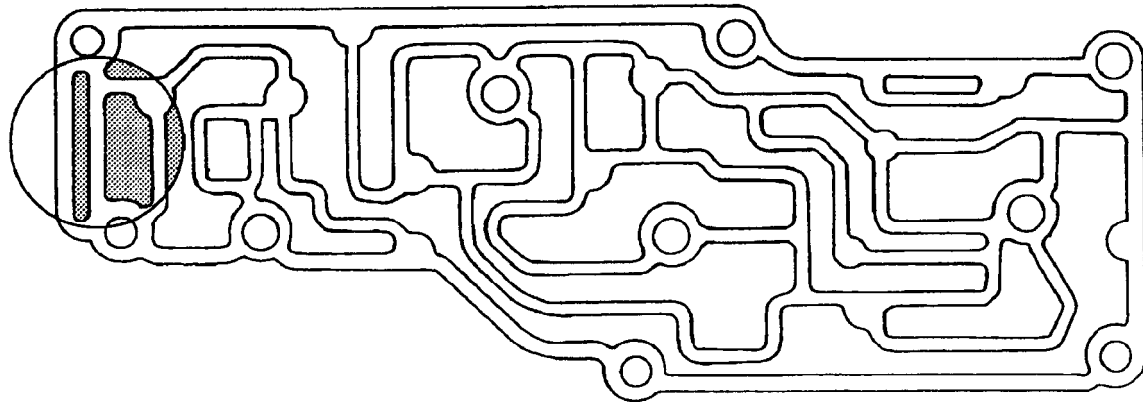


Figure 8