



Technical Service Information

THM 4L60-E

TCC PWM SOLENOID ADDED IN 1995 NEW PUMP ASSEMBLY FOR 1995

CHANGE: Beginning at the start of production for all 1996 models, the THM 4L60-E transmissions were built with a new design “On-Off” 3-2 downshift solenoid, and a new design 3-2 downshift valve line-up in the valve body.

REASON: Improved 3-2 downshift quality and 2-4 band durability.

PARTS AFFECTED:

(1) 3-2 DOWNSHIFT SOLENOID - Changes from a Pulse Width Modulated (PWM) solenoid to a regular “On-Off” (Normally Open) solenoid, which also requires a different Power-train Control Module (PCM). The new design “On-Off” 3-2 downshift solenoid can be identified by the case diameter, which is smaller than the previous design, and the new design solenoid also has plastic stem that fits into the valve body bore, where the previous design was metal. The solenoid connector was also changed to prevent the solenoids from being accidentally installed in the wrong models. Refer to Figure 1 for 1995 models, and Figure 2 for 1996 models.

(2) 3-2 DOWNSHIFT VALVE - The entire 3-2 downshift valve line-up changes to accommodate the new design “On-Off” 3-2 downshift solenoid. Refer to Figure 1 for 1995 models, and Figure 2 for 1996 models.

(3) VALVE BODY SPACER PLATE - There were two holes eliminated in the 1996 spacer plate, over the 3-2 downshift valve line-up, to accommodate the new design 3-2 downshift valve. The 1995 spacer plate can be identified with the first letter of the two digit code being either an “M” or “N”, as shown in Figure 3. The 1996 spacer plate can be identified with the first letter of the two digit code being a “P”, as shown in Figure 4.

INTERCHANGEABILITY:

None of the parts listed above will interchange with one another. 1995 parts must be used on 1995 models. 1996 parts must be used on 1996 models.

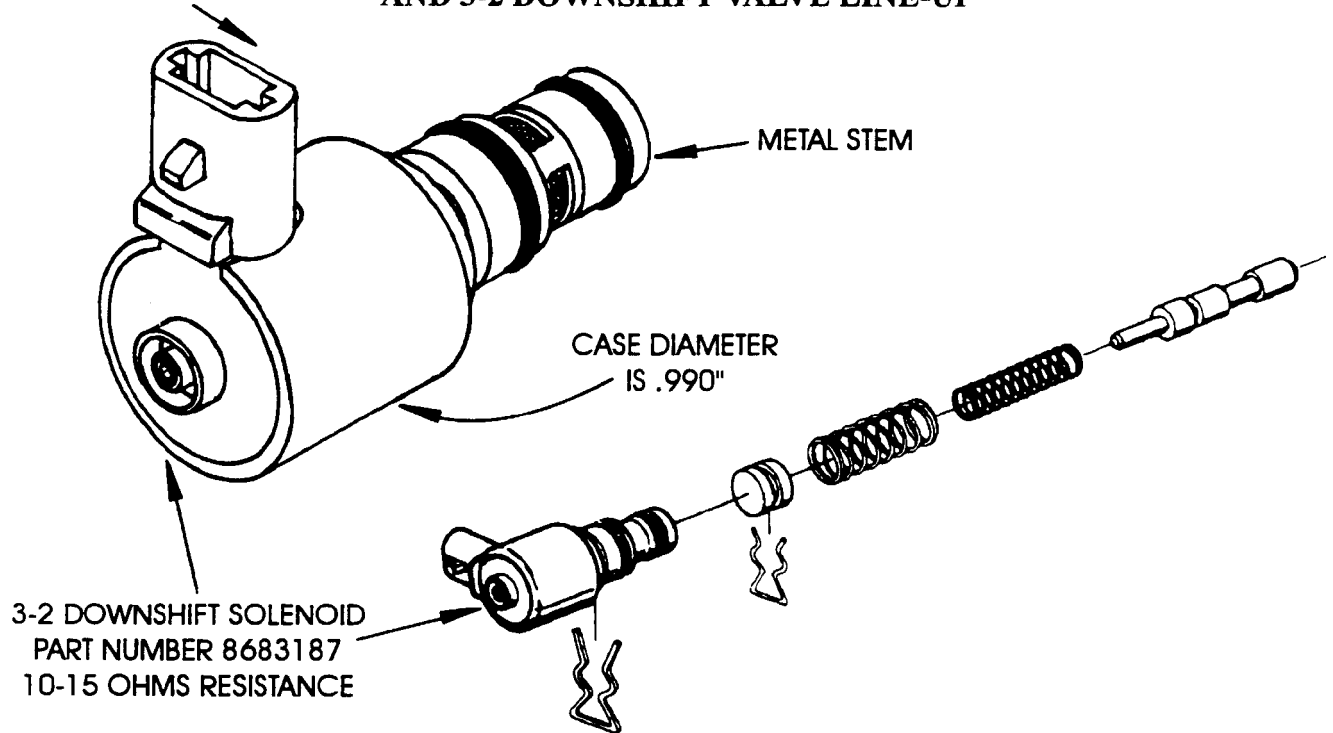
SERVICE INFORMATION:

3-2 Downshift Solenoid (PWM for 95 Models).....	8683 187
3-2 Downshift Solenoid (On-Off for 96 Models).....	24203267

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1995 3-2 DOWNSHIFT SOLENOID AND 3-2 DOWNSHIFT VALVE LINE-UP

NOTE CONNECTOR



BOTH THE 3-2 DOWNSHIFT
AND THE TCC APPLY FEEL
SOLENOIDS ARE THE SAME
FOR 1995 MODELS 8683187

TCC APPLY FEEL SOLENOID
ADDED IN 1995 MODELS

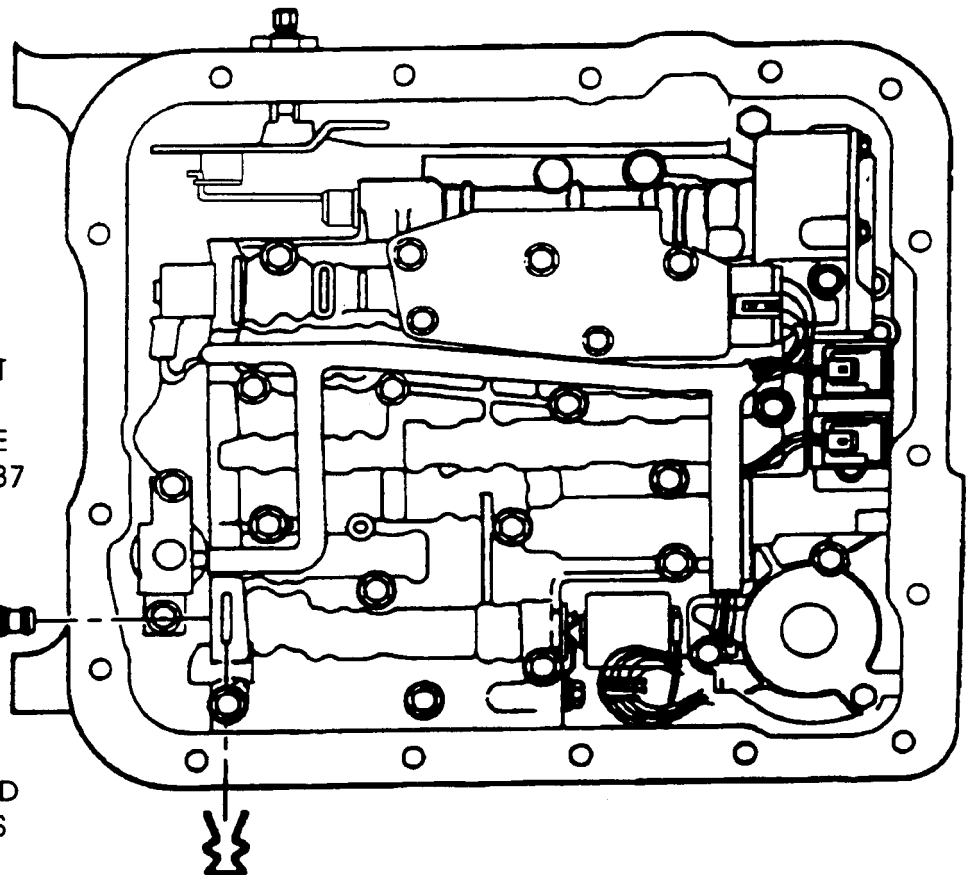


Figure 1

1996 3-2 DOWNSHIFT SOLENOID AND 3-2 DOWNSHIFT VALVE LINE-UP

NOTE CONNECTOR
CHANGES IN 1996

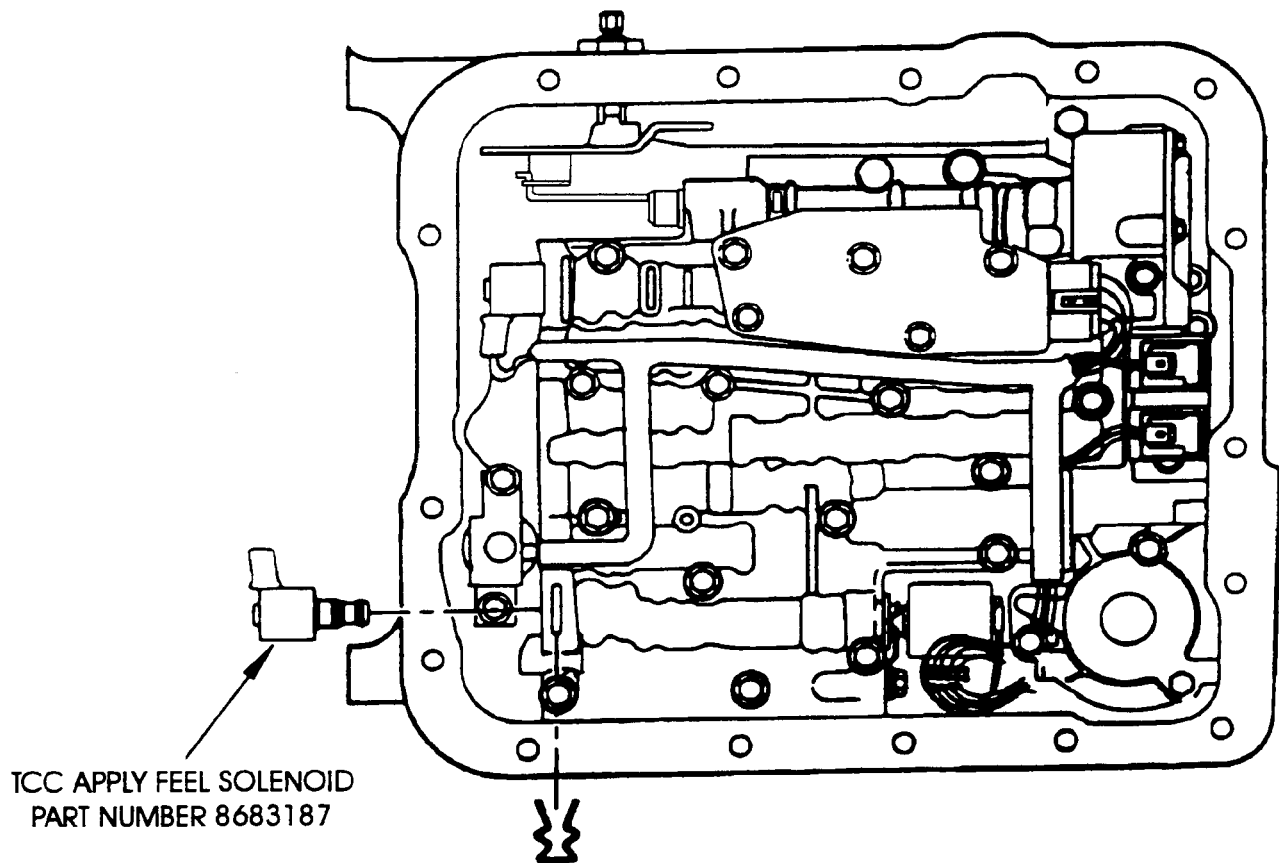
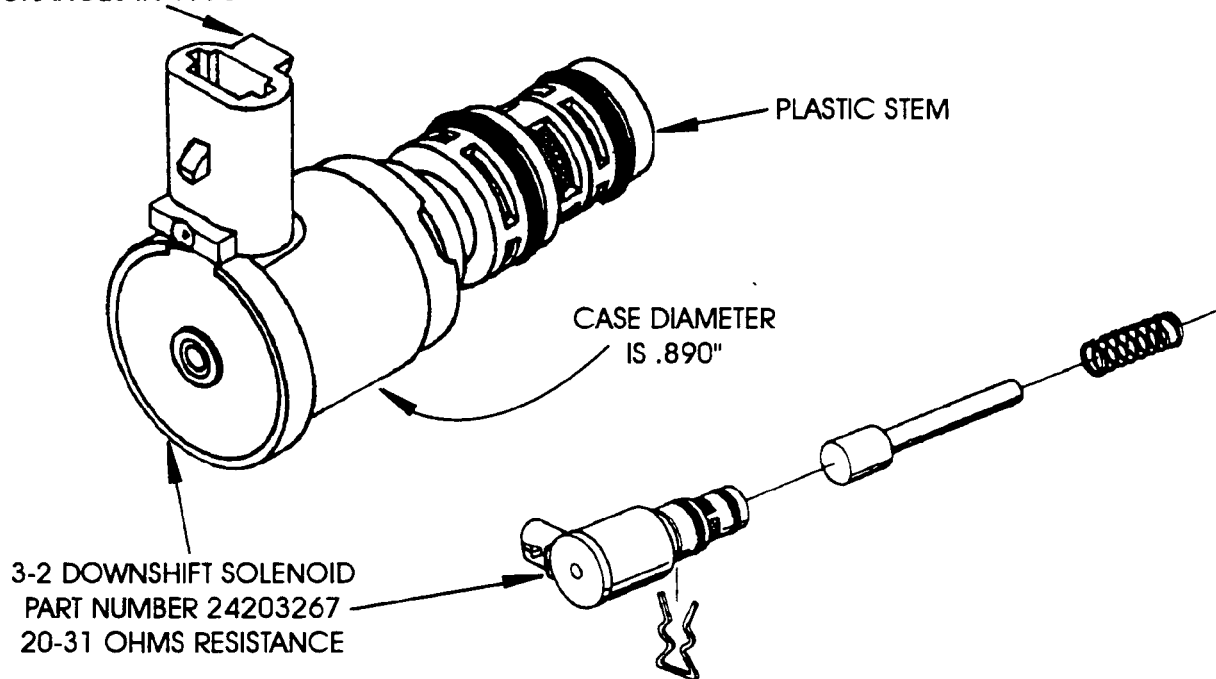


Figure 2

1995 SPACER PLATE USES "PWM" 3-2 DOWNSHIFT SOLENOID

THESE TWO HOLES ELIMINATED ON THE 1996 MODELS
THAT USE THE "ON-OFF" 3-2 DOWNSHIFT SOLENOID

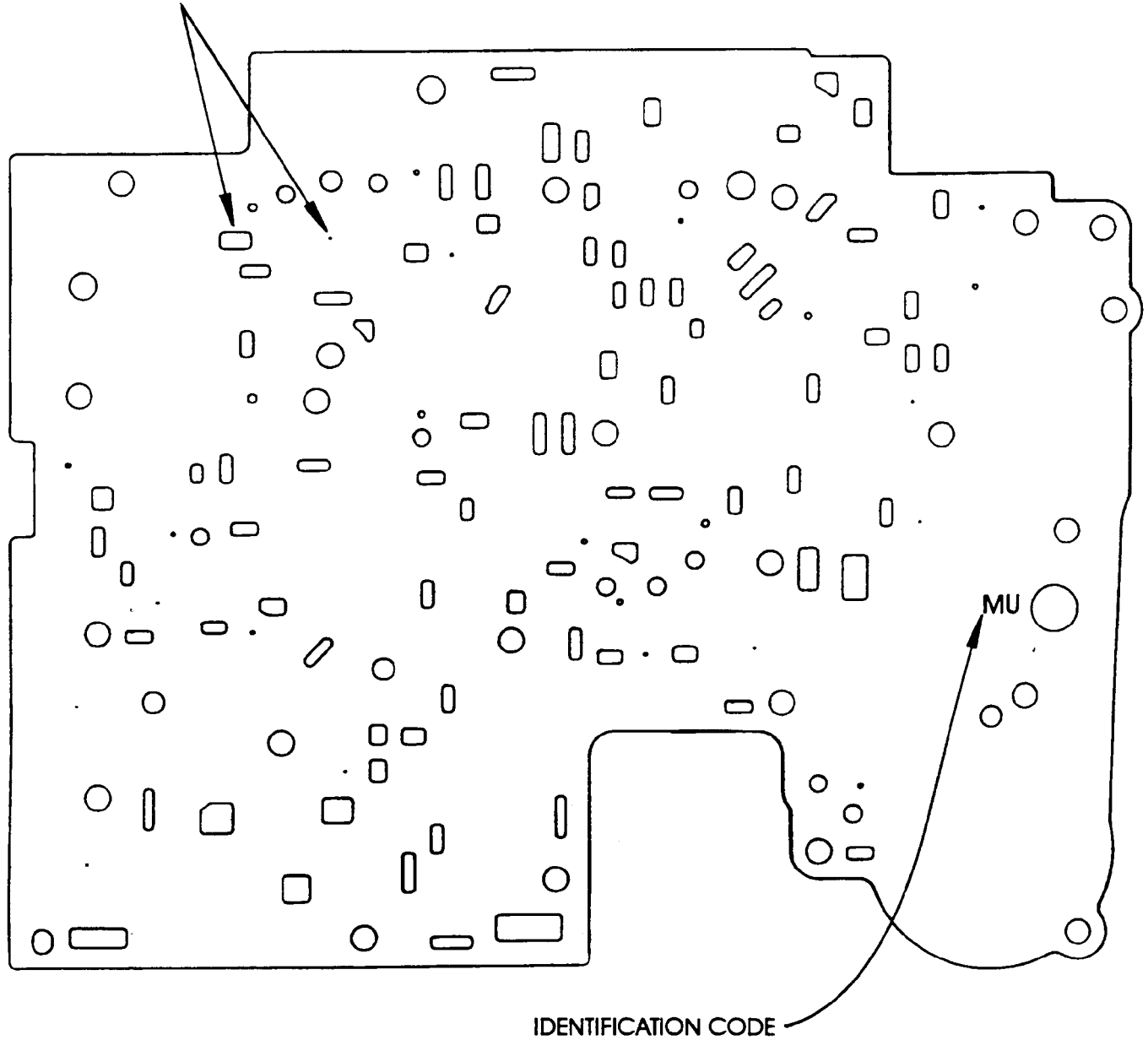
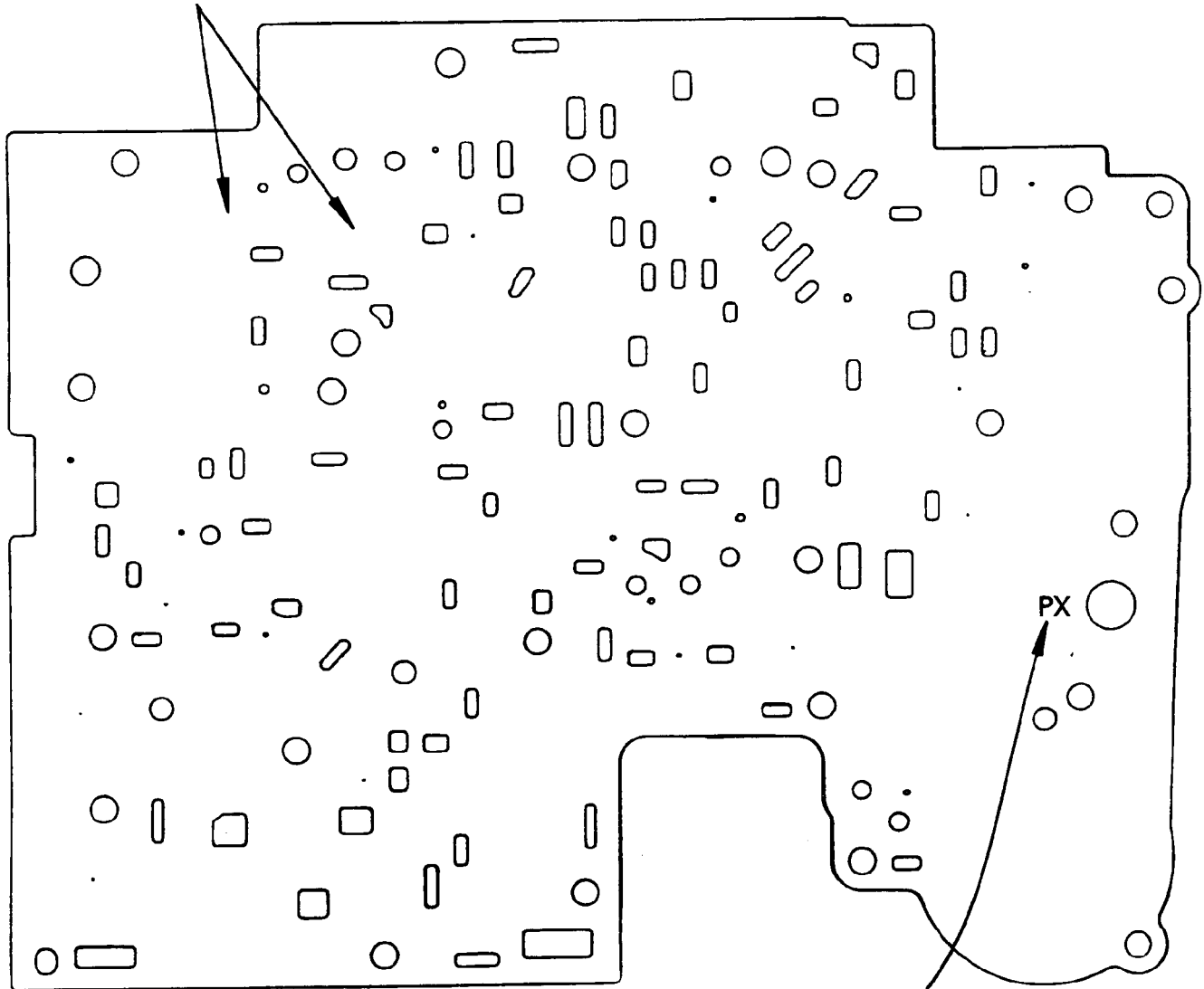


Figure 3

1996 SPACER PLATE USES "ON-OFF" 3-2 DOWNSHIFT SOLENOID

TWO HOLES ELIMINATED
OVER 3-2 LINE-UP



IDENTIFICATION CODE

Figure 4