



Technical Service Information

THM 440-T4 / 4T60-E COMPLETE HYDRAULIC CHANGE FOR 93-94

CHANGE: A new design converter clutch regulator valve line-up, and a new design for the accumulator bushings in the valve body, changes the hydraulics beginning at the start of production for all 1993 model THM 4T60-E transaxles.

REASON: Improved shift feel and durability.

PARTS AFFECTED:

(1) **VALVE BODY CASTING** - The aluminum plug and retainer clip for the converter clutch regulator valve were eliminated and replaced with a new bushing. and a new style retainer. This makes it much easier to remove this line-up out of its valve body bore (See Figure 1). The 1-2 accumulator valve bushing (Both Primary and Secondary). the 2-3 accumulator valve bushing, and the 3-4 accumulator valve bushing were also re-designed for improved shift feel. These changes required changes in the worm tracks in the valve body casting, and the easiest way to identify the 1993 valve body is the diameter of the TCC regulator valve bore as shown in Figure 2.

(2) **VALVE BODY SPACER PLATE** - Different hole spacing to accommodate the valve body and channel plate casting changes. Also the 91-92 hydraulics spacer plate has the TCC solenoid orifice in the spacer plate, and the 1993 hydraulics requires the screen and orifice assembly, with the "O" ring, that we seen in the THM 440-T4 transaxle (See Figures 3 and 4).

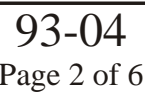
(3) **VALVE BODY GASKETS** - Both the valve body to spacer plate and spacer plate to channel plate gaskets change to accommodate the new hydraulics. They are easily identified by the part number ink stamped on each gasket. See the gasket chart in Figure 5 for proper identification.

(4) **CHANNEL PLATE CASTING** - Casting changes in the worm track area to accommodate the valve body changes, and can be easily identified by the casting number. See Figure 6 for casting number location. The casting number on the 91-92 hydraulics is 8667284, and casting number on 1993 hydraulics is 8682217.

INTERCHANGEABILITY:

NONE of the parts listed above will interchange with one another. If you change one piece, you must change them ALL.

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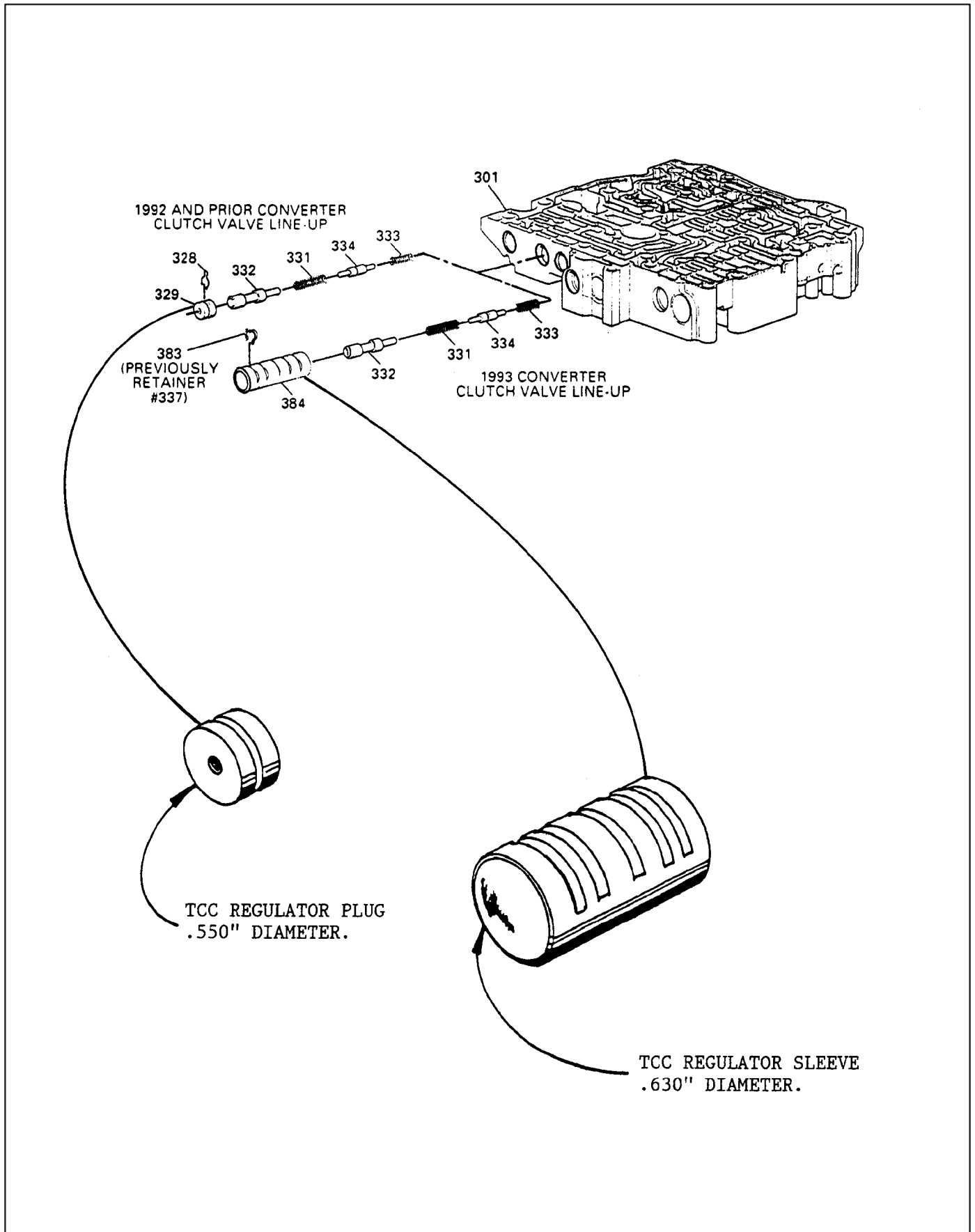


Figure 2

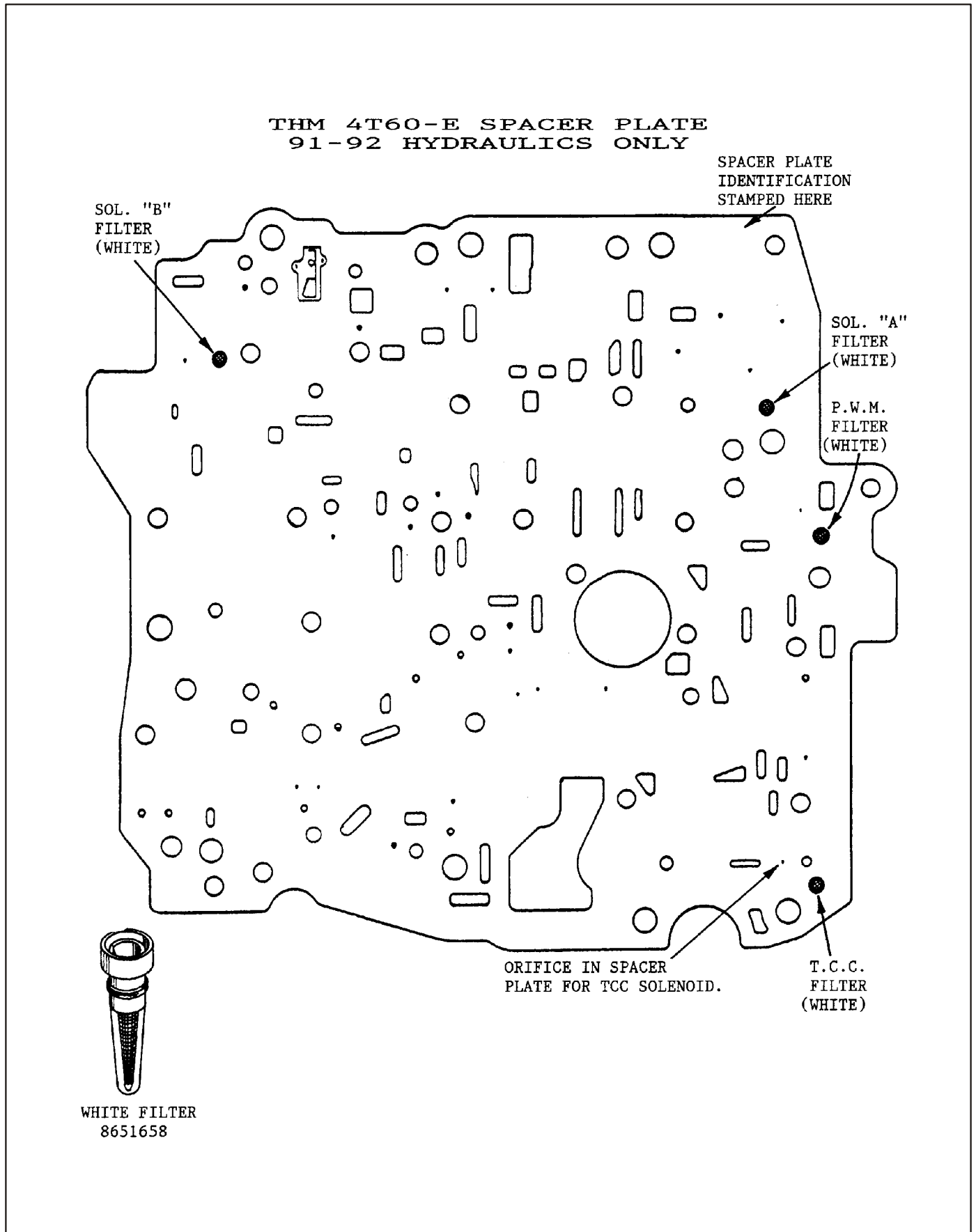


Figure 3

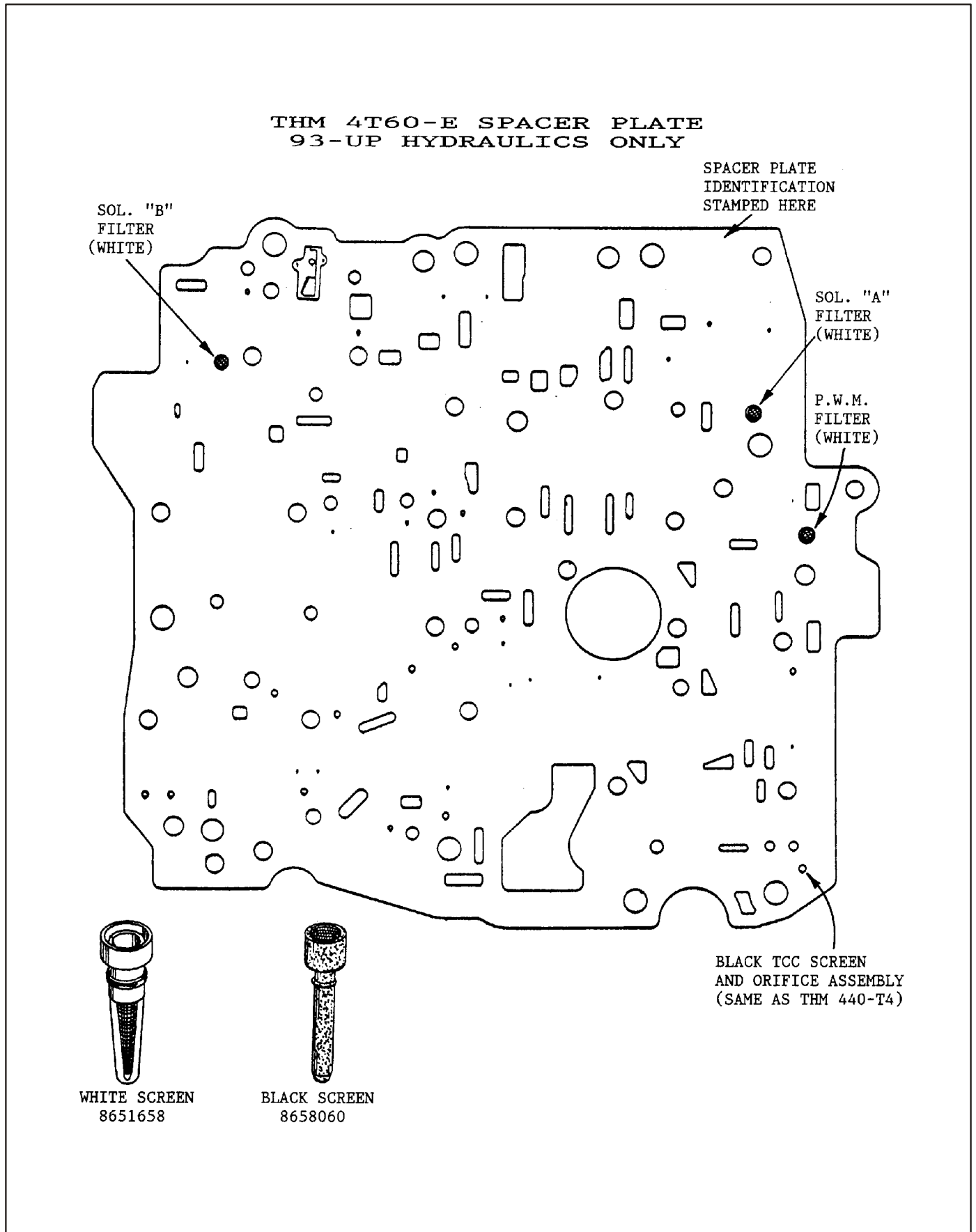


Figure 4

VALVE BODY GASKET CHART

	91-92 HYDRAULICS	1993 HYDRAULICS
VALVE BODY TO SPACER PLATE GASKET (GVB)	8678762	8682281
SPACER PLATE TO CHANNEL PLATE GASKET (GCP)	8678761	8682280

91-92 HYDRAULICS = 8667284
 1993 HYDRAULICS = 8682217

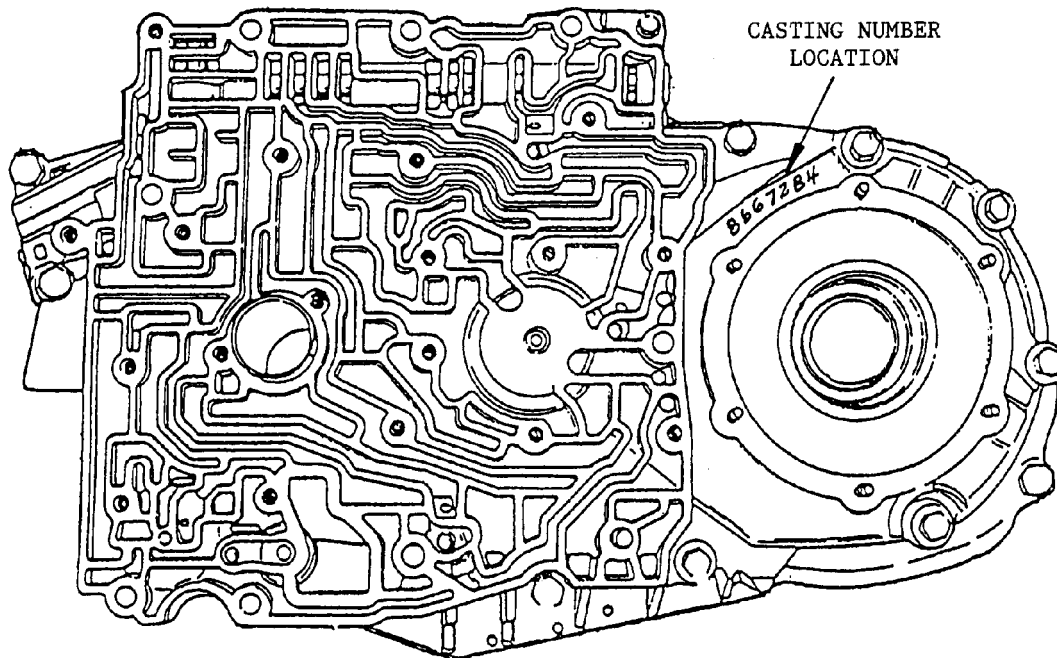


Figure 5