



# Technical Service Information

## THM 4T60-E 4TH CLUTCH CHANGES FOR 1993

**CHANGE:** Beginning at the Start Of Production for 1993 THM 4T60-E transaxles, ALL models were built with revised dimensions for the 4th clutch plates, the 4th clutch piston, and channel plate (See Figures 1, 2, and 3).

**REASON:** Approximately .020" less clutch clearance for improved clutch durability.

**PARTS AFFECTED:**

**(1) 4TH CLUTCH PISTON** - Height of the piston apply legs, as measured in Figure 1, has changed slightly on both minimum and maximum tolerances.

**(2) 4TH CLUTCH APPLY PLATE** - Changed to a "Flat" plate instead of the previous "Tapered" plate, and the thickness changed to .133" instead of the previous .163", as shown in Figure 2. There are now two of these .133' thick plates used in the 4th clutch stack-up, as shown in Figure 2.

**(3) 4TH CLUTCH STEEL PLATES** - Thickness was increased to .077" instead of the previous .073", and the "Notch" was removed from the tab for I.D. as shown in Figure 2. The new 4th clutch stack now uses only one of these plates and is the same thickness and part number as the early 440-T4 steel plate (See Figure 2).

**(4) 4TH CLUTCH FIBER PLATES** - Very minimal thickness change as shown Figure 2.

**(5) CHANNEL PLATE** - The depth in the 4th clutch area, as measured from the gasket surface to the 4th clutch surface, was increased to .792' instead of the previous .772' to accommodate the revised 4th clutch stack-up (See Figure 2). This distance **MUST** be measured with a depth micrometer for accuracy.

91-92 Channel Plate Casting Number = "Varies"

93-94 Channel Plate Casting Number = 8682217

**INTERCHANGEABILITY:**

(1) The 4th Clutch Piston will interchange in all models without problems as the piston heights all still measure within .003" of one another.

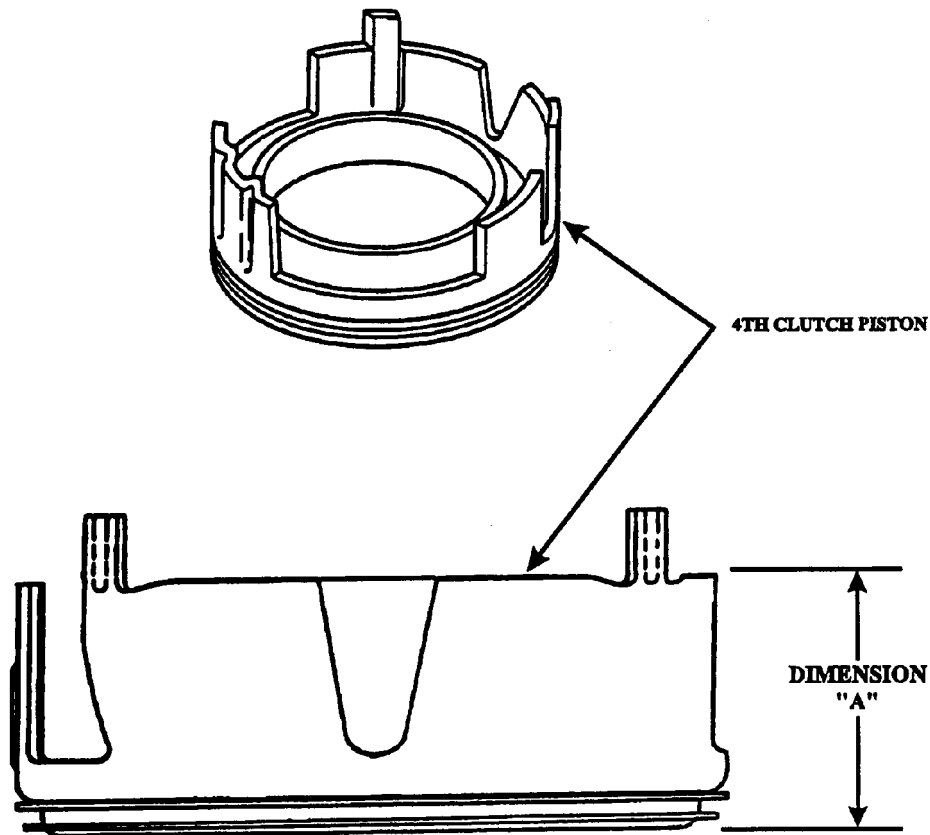
(2) The 4th Clutch Fiber Plates will interchange in all models as the thick-ness change was only .003".

(3) The 91-92 Steel Plate stack-up **MUST** be used with the 91-92 Channel Plate. If the 91-92 Steel Plate stack-ups used with the 93-94 Channel Plate, the clutch clearance measures .086" (TOO LOOSE).

(4) The 93-94 Steel Plate stack-up **MUST** be used with the 93-94 Channel Plate. If the 93-94 Steel Plate stack-up is used with the 91-92 Channel Plate, the clutch clearance measures .025' (TOO TIGHT).

YEAR	DESCRIPTION	NO. USED	PART NUMBER
91-92	4TH CLUTCH STEEL PLATE, .073" THICKNESS .....	2 .....	8661006
91-92	4TH CLUTCH LINED PLATE, .067" THICKNESS .....	2 .....	18017246
91-92	4TH CLUTCH APPLY PLATE, .163" THICKNESS (TAPERED) .....	1 .....	8661004
93-94	4TH CLUTCH STEEL PLATE, .077" THICKNESS .....	1 .....	8656767
93-94	4TH CLUTCH LINED PLATE, .070" THICKNESS .....	2 .....	8685066
93-94	4TH CLUTCH APPLY PLATE, .133" THICKNESS (FLAT) .....	2 .....	8680771

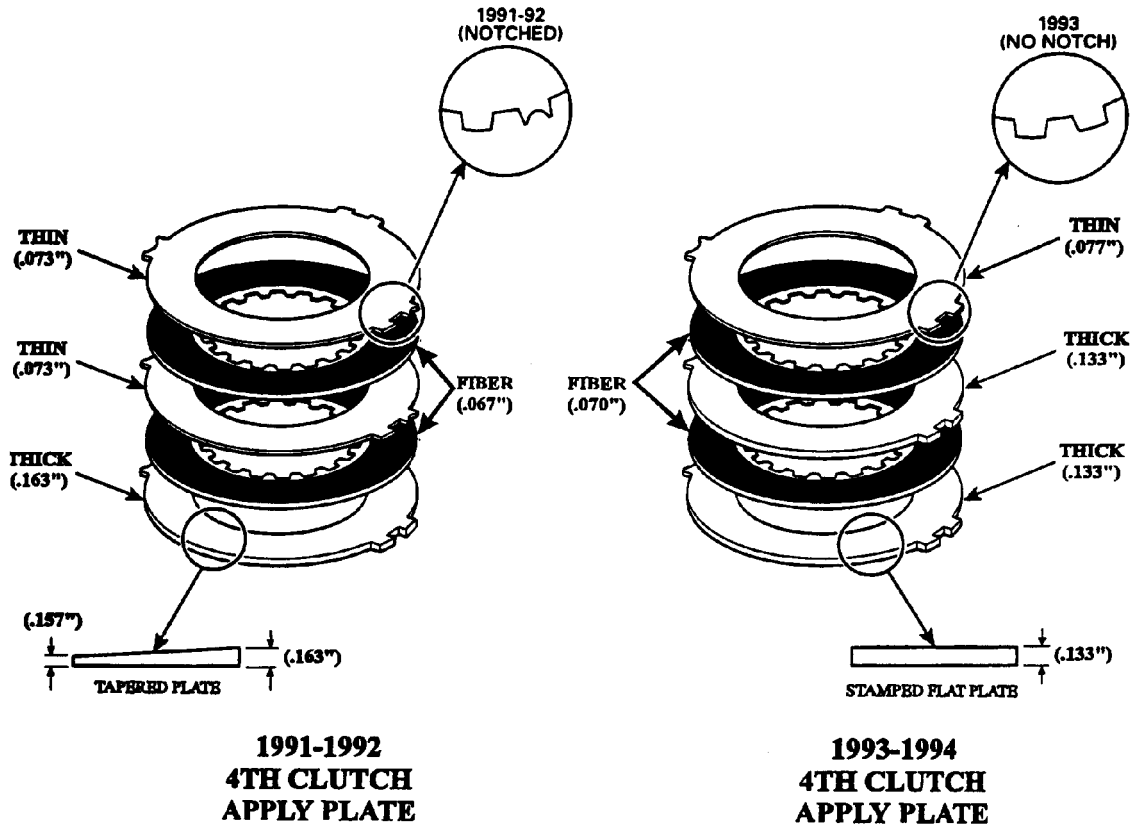
## 4TH CLUTCH PISTON



91-92 PISTON, DIMENSION "A" = 1.992"-2.007"  
 93-94 PISTON, DIMENSION "A" = 1.980"-1.996"

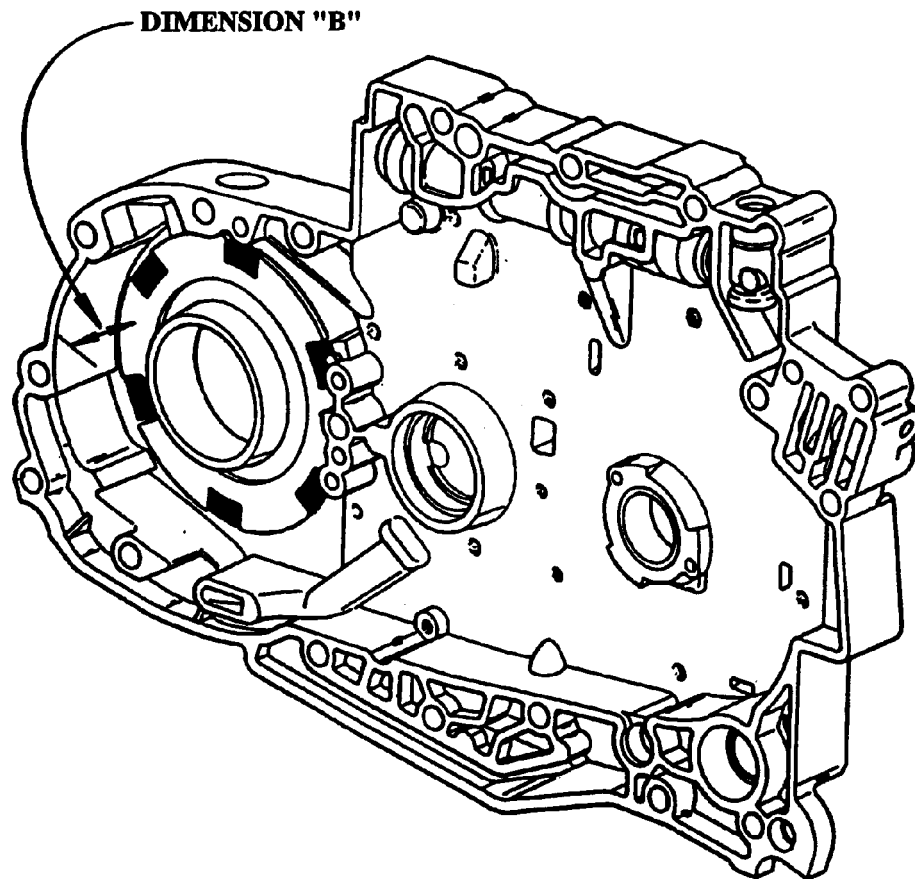
Figure 1

## 4TH CLUTCH STACK-UP



YEAR	DESCRIPTION	NO. USED	PART NUMBER
91-92	4TH CLUTCH STEEL PLATE, .073" THICKNESS .....	2 .....	8661006
91-92	4TH CLUTCH LINED PLATE, .067" THICKNESS .....	2 .....	18017246
91-92	4TH CLUTCH APPLY PLATE, .163" THICKNESS (TAPERED) .....	1 .....	8661004
93-94	4TH CLUTCH STEEL PLATE, .077" THICKNESS .....	1 .....	8656767
93-94	4TH CLUTCH LINED PLATE, .070" THICKNESS .....	2 .....	8685066
93-94	4TH CLUTCH APPLY PLATE, .133" THICKNESS (FLAT) .....	2 .....	8680771

Figure 2

**CHANNEL PLATE**

**91-92 CHANNEL PLATE, DIMENSION "B" = .772"**  
**93-94 CHANNEL PLATE, DIMENSION "B" = .792"**

**THIS DIMENSION SHOULD BE MEASURED FROM THE GASKET SURFACE  
TO 4TH CLUTCH SURFACE, WITH A DEPTH MICROMETER, AS SHOWN.**

Figure 3