



Technical Service Information

THM 4T80-E NO ENGINE BRAKING AND OR DELAYED ENGAGEMENT IN THE D3 POSITION

COMPLAINT: Units built prior to October 24, 1997, Julian date 297 (See Figure 1) may experience a loss of engine braking in the D3 position and/or a several second delayed engagement when selector lever is moved into the D3 position.

CAUSE: The complaint may be caused by the coast clutch piston side of the forward clutch piston restricting the coast clutch apply fluid (See Figure 2).

CORRECTION: There is now a revised forward clutch piston available where an additional machining process occurred, reducing the restriction of coast clutch apply fluid between the forward clutch piston and coast clutch piston. The new forward clutch piston can be easily identified by a shiny surface at the center hub of the forward clutch piston as shown in Figure 2.

Special Note: There was also an another update that occurred on the forward clutch in model year 1994. The "single" forward clutch apply plate was replaced with a cone shaped cushion plate, sandwiched between "two" thinner apply plates, as illustrated in Figure 3, and should be updated during overhaul, if servicing a 1993 model.

SERVICE INFORMATION:

Forward Clutch Piston Service Package	24213271
Updated Forward Clutch Apply Plates (2 Required)	8684653
Updated Forward Clutch Cushion Plate	8684654

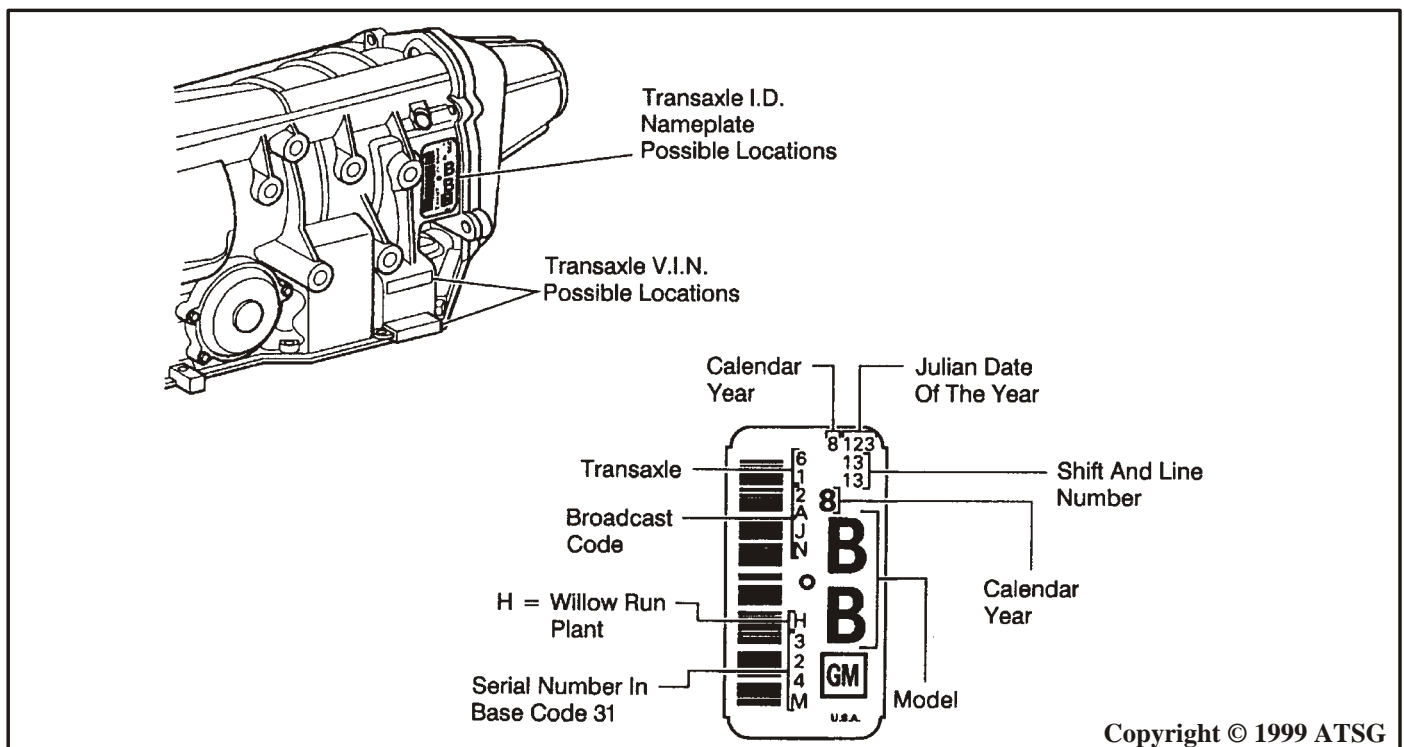


Figure 1

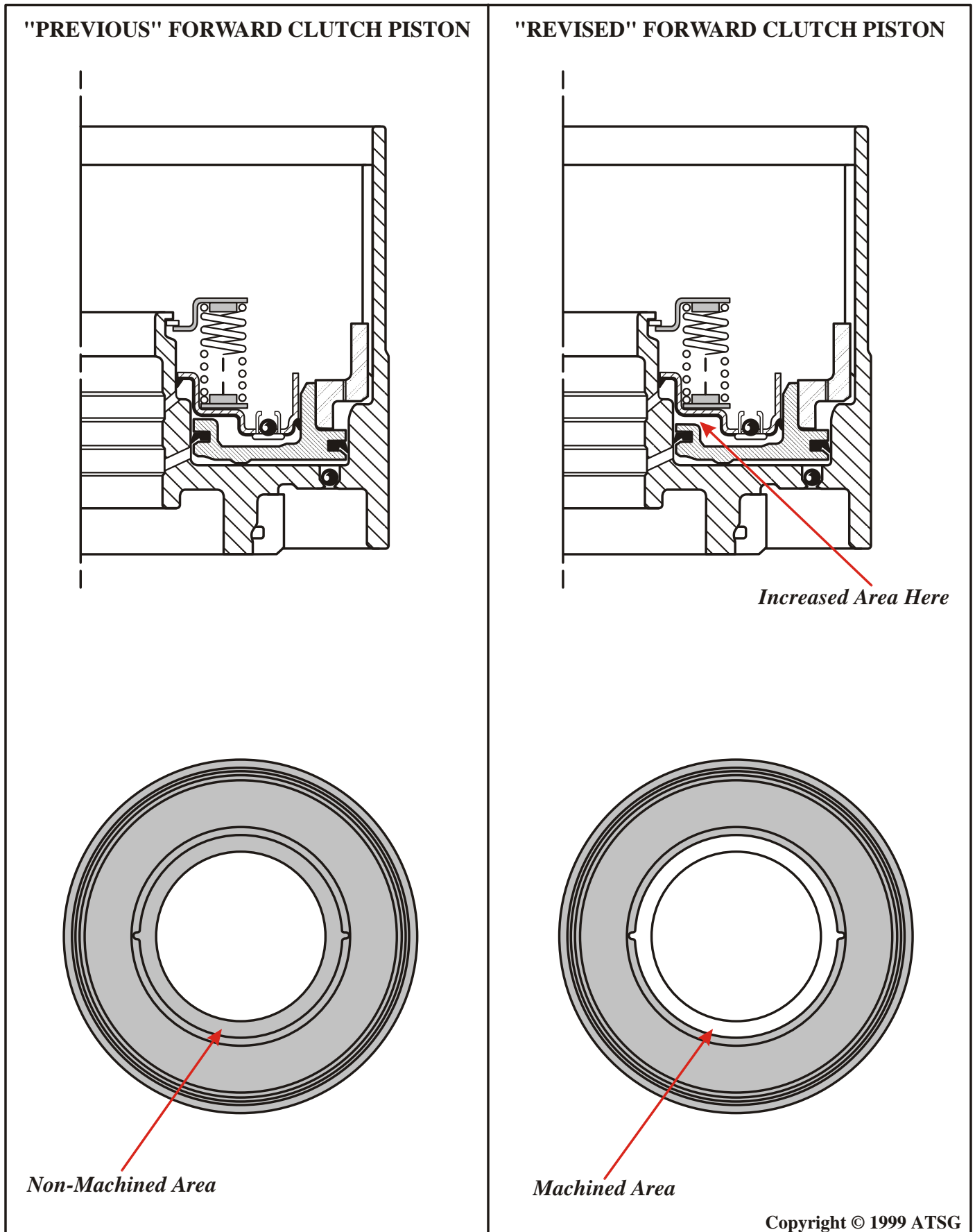
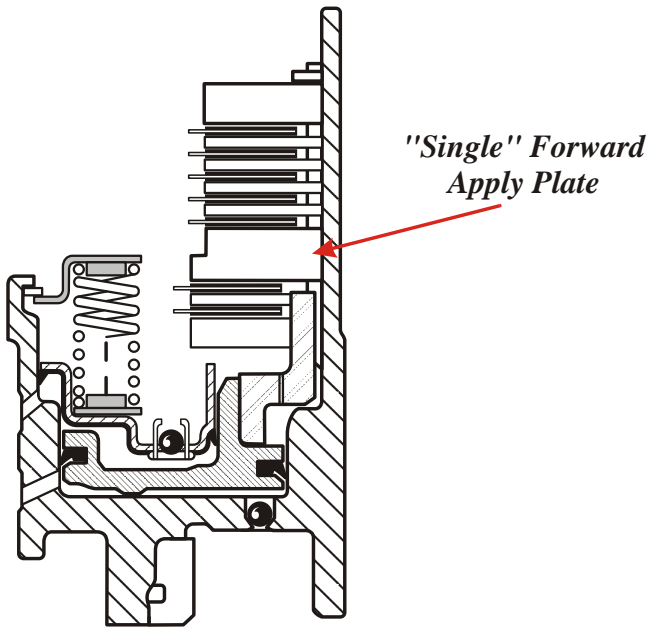
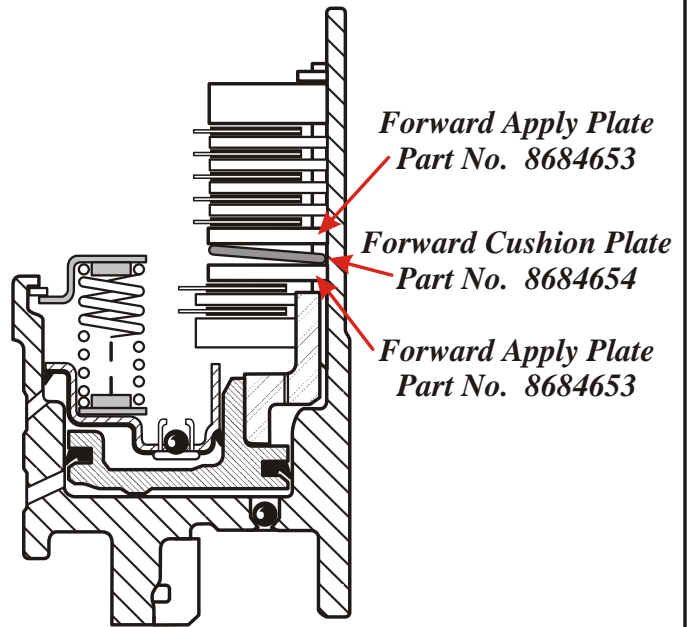


Figure 2

1993 FORWARD CLUTCH STACK-UP



1994-UP FORWARD CLUTCH STACK-UP



**ALL 1993 MODELS SHOULD BE
UPDATED AS SHOWN ABOVE**

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