

## THM 440-T4 2ND GEAR START (SHIFT VALVE CLIP)

A 1984-87 vehicle equipped with a THM 440-T4 (Figure 1) may start out in 2nd gear instead of 1st gear. This condition could occur intermittently or all

High line pressure could be a cause by holding too much governor pressure and not allowing the 1-2 shift valve to downshift. Check line pressure and governor pressure. Governor pressure should be below 3.0 PSI at 0 mph.

If governor pressure is okay, the 1-2 shift valve (331) may be stuck in the upshifted position. Remove the control valve assembly and check for a sticking 1-2 shift valve (331), 1-2 throttle valve (332), or the 1-2 throttle valve spring (333) caused by the 1-2 throttle valve bushing retainer pushed in too far. (390) The retainer should be installed flush with the machined surface of the valve body. (Figure 2)

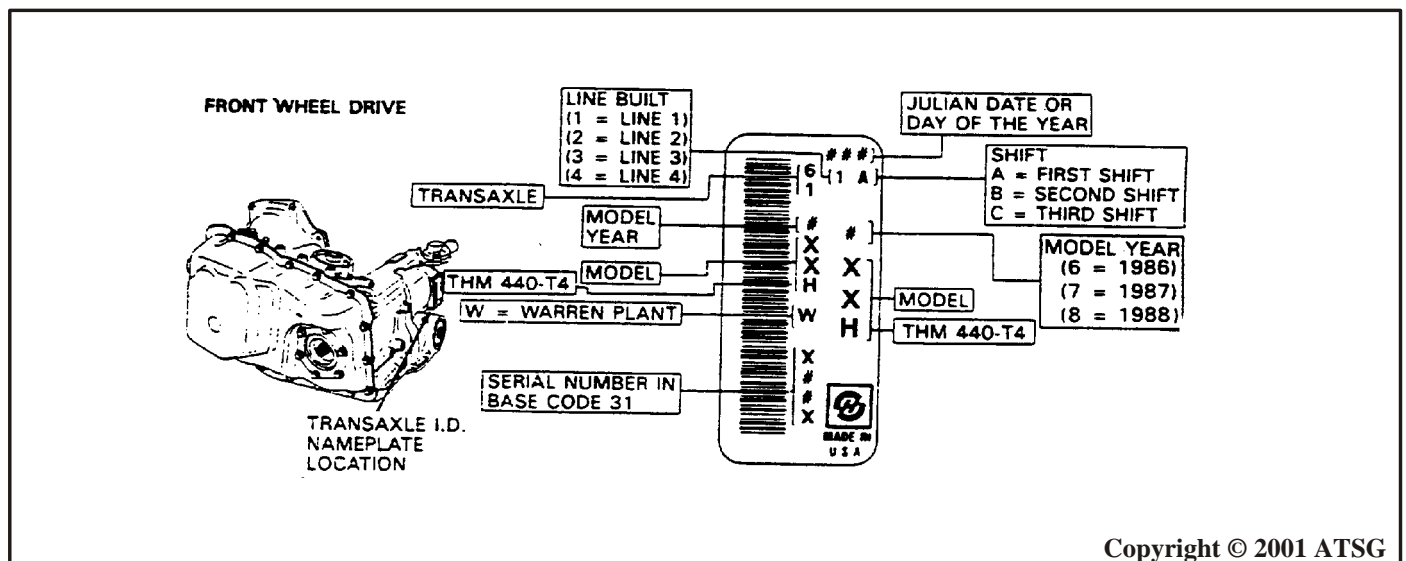


Figure 1

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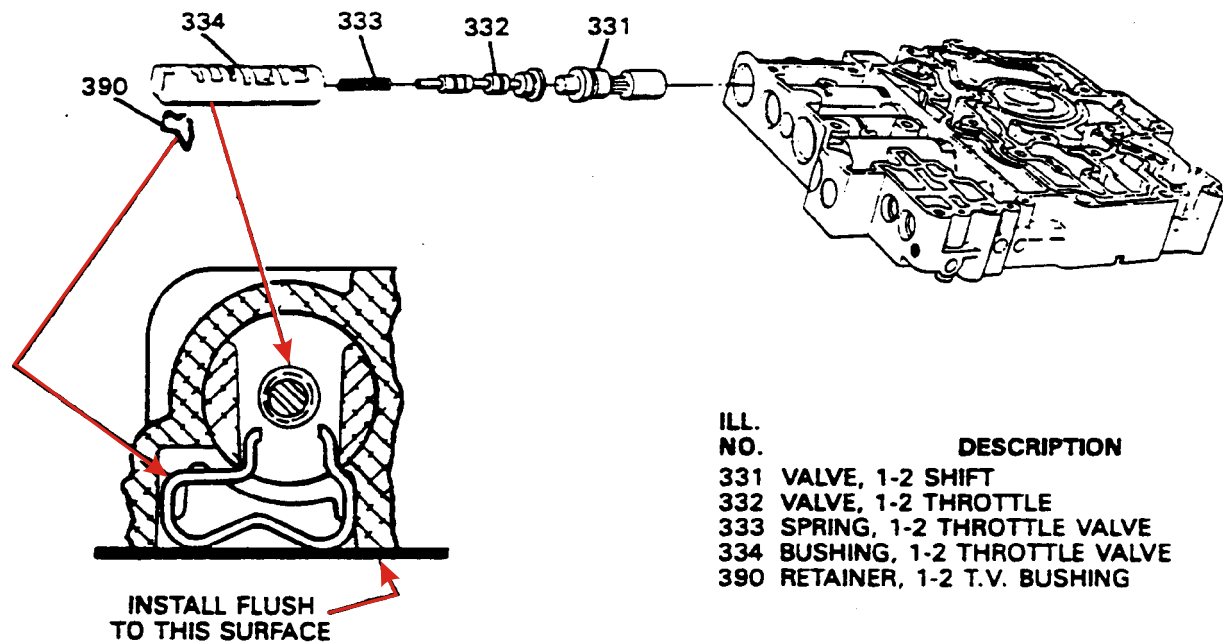


Figure 1