



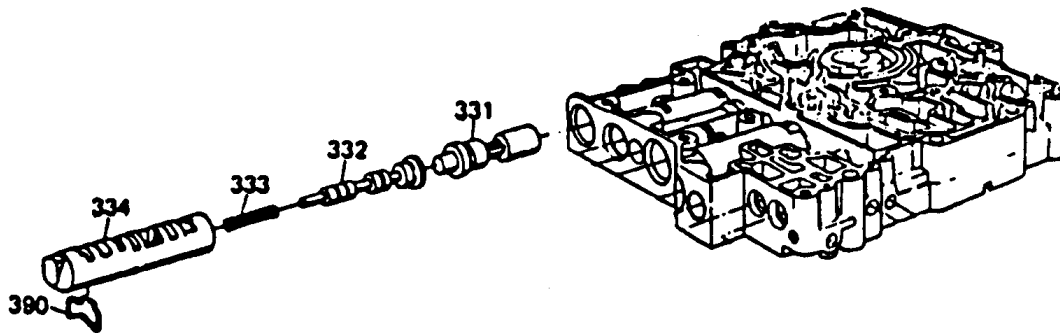
Technical Service Information

THM 440-T4 2ND GEAR STARTS

COMPLAINT: Vehicle starts in 2nd gear after a upshift sequence, but will usually take manual low.

CAUSE: The cause may be the 1-2 shift valve sticking in the upshifted position (See Figure 1). The 1-2 shift valve is aluminum and might have a tendency to "Mushroom", caused by hitting the valve body casting in the bottom of the bore.

CORRECTION: Modify the original 1-2 shift valve as shown in Figure 2. This is a very simple machining operation on a lathe. The factory has upgraded the 1-2 shift valve with a "Boss" cast on the end of the valve (See Figure 2).



- 331 1-2 SHIFT VALVE
- 332 1-2 THROTTLE VALVE
- 333 1-2 THROTTLE VALVE SPRING
- 334 1-2 THROTTLE VALVE BUSHING
- 390 1-2 THROTTLE VALVE BUSHING RETAINER

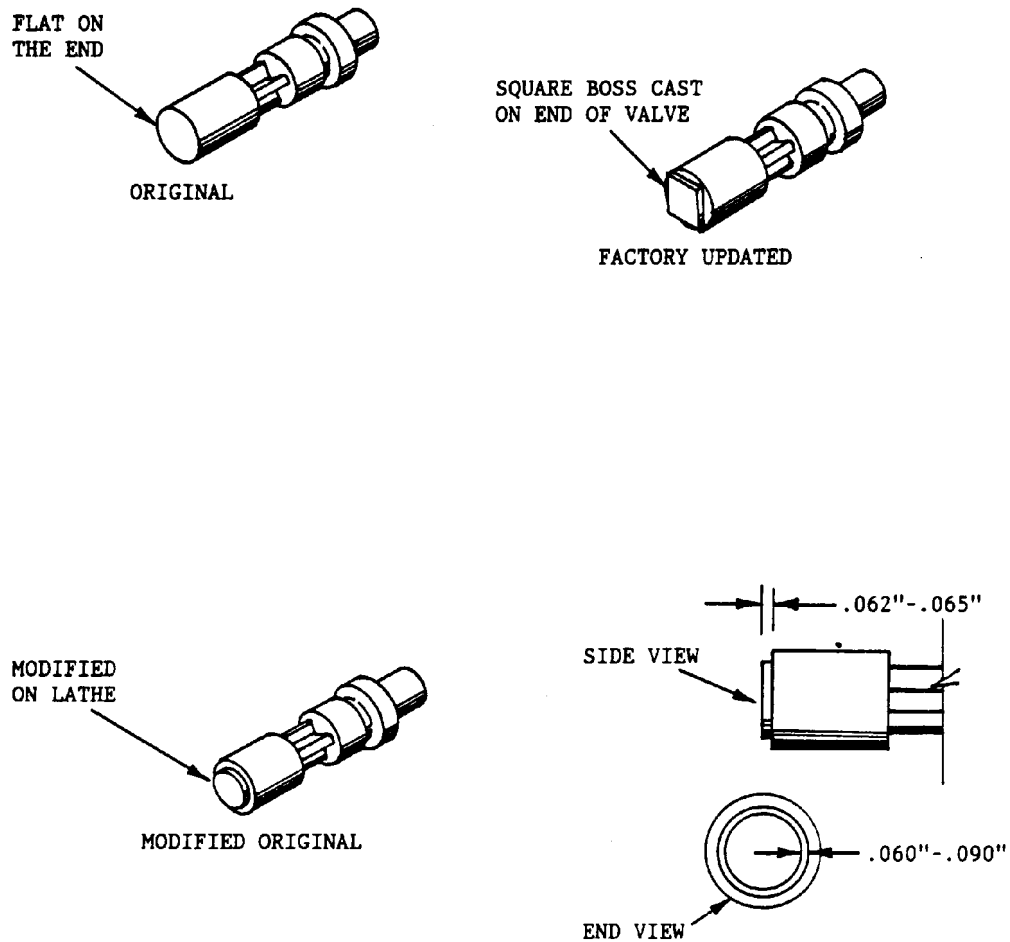


Figure 1