



Technical Service Information

THM 4T60-E HARSH OR FIRM 3-4

COMPLAINT: Some early model 1992 THM 4T60-E transaxles in the "C" body cars may exhibit a harsh or firm 3-4 upshift. This condition may become more noticeable at high altitudes.

CAUSE: It has been determined that the third spring in the 3-4 accumulator canister may contribute to a harsh or firm 3-4 upshift (See Figure 3).

CORRECTION: Remove the channel plate and disassemble the 3-4 accumulator canister. If the 3-4 accumulator contains 3 springs, remove and discard the outer most (Largest Diameter) 3-4 accumulator spring (423) and re-assemble as shown in Figure 3.

Also verify that the number 10 checkball in the valve body is not missing or off location (See Figure 1) , and that the 3-4 accumulator valve in the valve body is free and operational (See Figure 2).

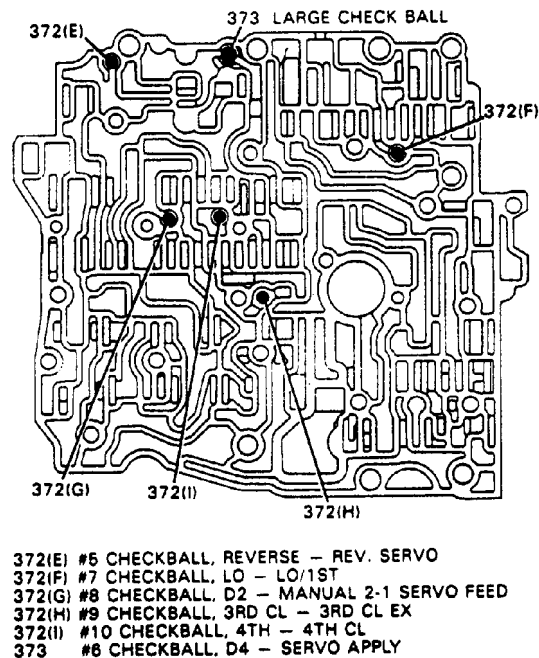


Figure 1

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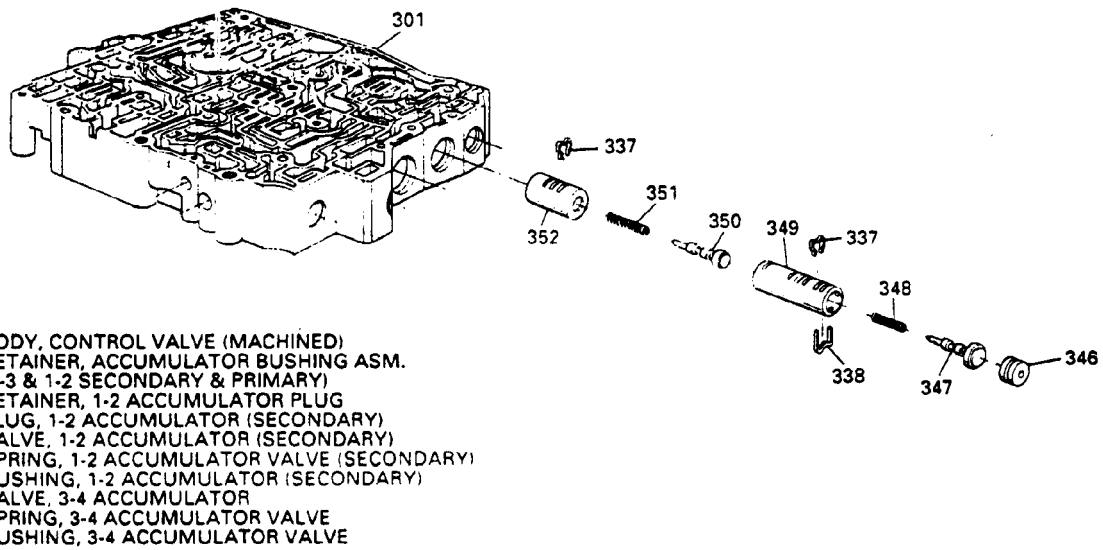
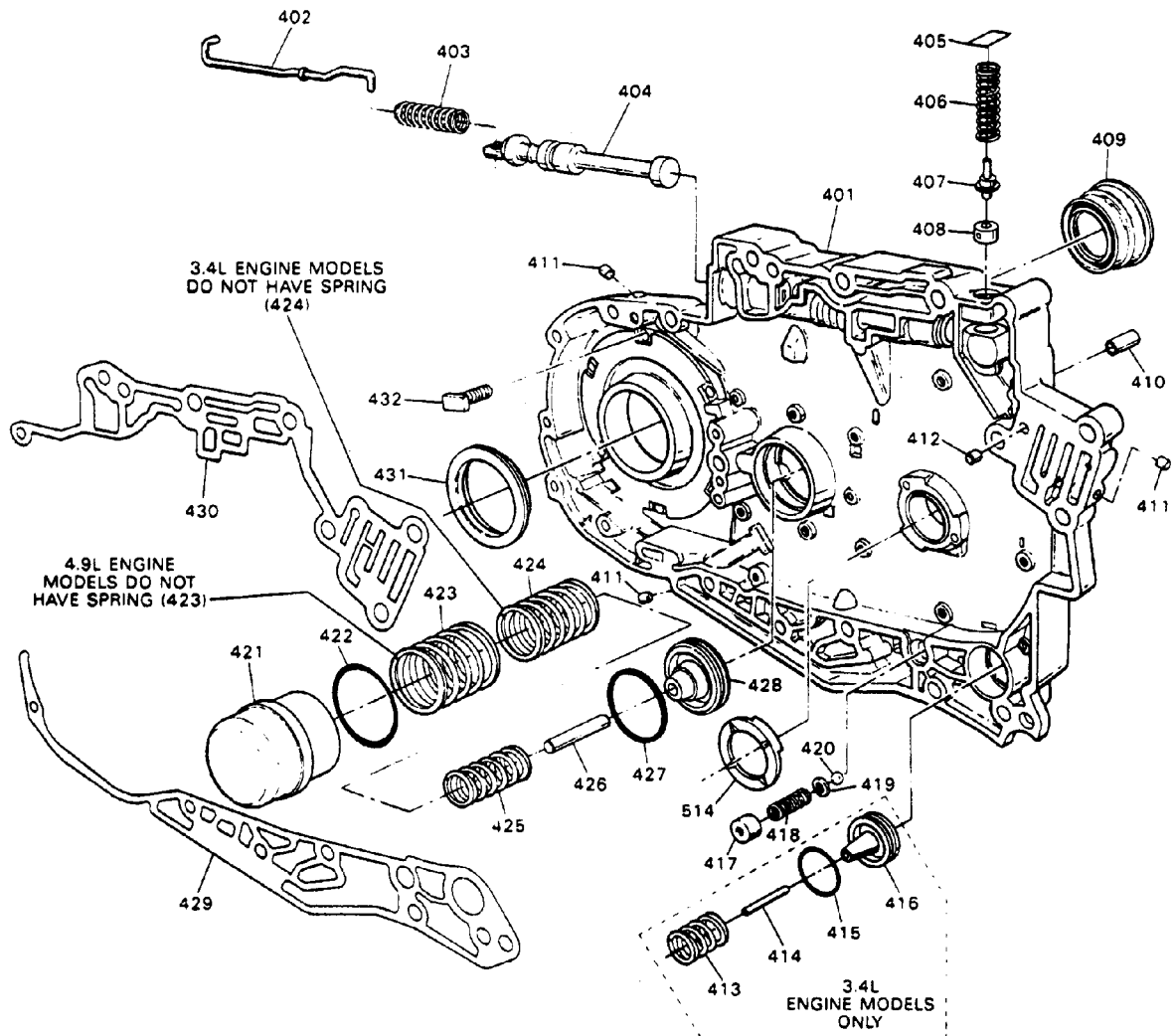


Figure 2



- 401 CHANNEL PLATE
- 402 LINK, MANUAL VALVE
- 403 RETAINER, LINK (MANUAL VALVE)
- 404 VALVE, MANUAL
- 405 RETAINER, LO BLOW OFF SPRING
- 406 SPRING, LO BLOW OFF
- 407 VALVE, LO BLOW OFF
- 408 SEAT, LO BLOW OFF VALVE
- 409 SEAL ASSEMBLY, AXLE OIL (LEFT SIDE)
- 410 SLEEVE, CONTROL BODY ALIGNMENT
- 411 PLUG, BORE
- 412 PLUG, CUP (ORIFICED)
- 413 SPRING, TCC ACCUMULATOR
- 414 PIN, TCC ACCUMULATOR
- 415 SEAL, TCC ACCUMULATOR PISTON
- 416 PISTON, TCC ACCUMULATOR
- 417 PLUG, CUP (BLOW OFF)

- 418 SPRING, TCC BLOW OFF
- 419 SEAT, SPRING
- 420 BALL, .375 DIA.
- 421 CANNISTER, 3-4 ACCUMULATOR
- 422 SEAL, O-RING
- 423 SPRING, 3-4 ACCUMULATOR (OUTER)
- 424 SPRING, 3-4 ACCUMULATOR (MIDDLE)
- 425 SPRING, 3-4 ACCUMULATOR (INNER)
- 426 PIN, 3-4 ACCUMULATOR
- 427 RING, OIL SEAL (3-4 ACCUMULATOR PISTON)
- 428 PISTON, 3-4 ACCUMULATOR
- 429 GASKET, CHANNEL PLATE (LOWER)
- 430 GASKET, CHANNEL PLATE (UPPER)
- 431 BEARING ASM., 4TH CHANNEL HUB/CHANNEL PLATE
- 432 STUD, M6 X 1.0 X 18.0 (CHANNEL PLATE SIDE COVER)
- 514 WASHER, THRUST (DRIVE SPROCKET/CHANNEL PLATE)

Figure 3