



Technical Service Information

THM 4L80-E 2ND GEAR STARTS AND NO LINE RISE

COMPLAINT: NO. 1: Manual shift lever moves from the overdrive position to the reverse position, ALL BY ITSELF!

NO. 2: Very little or no line pressure rise with throttle opening.

NO. 3: 2nd gear starts with no upshift.

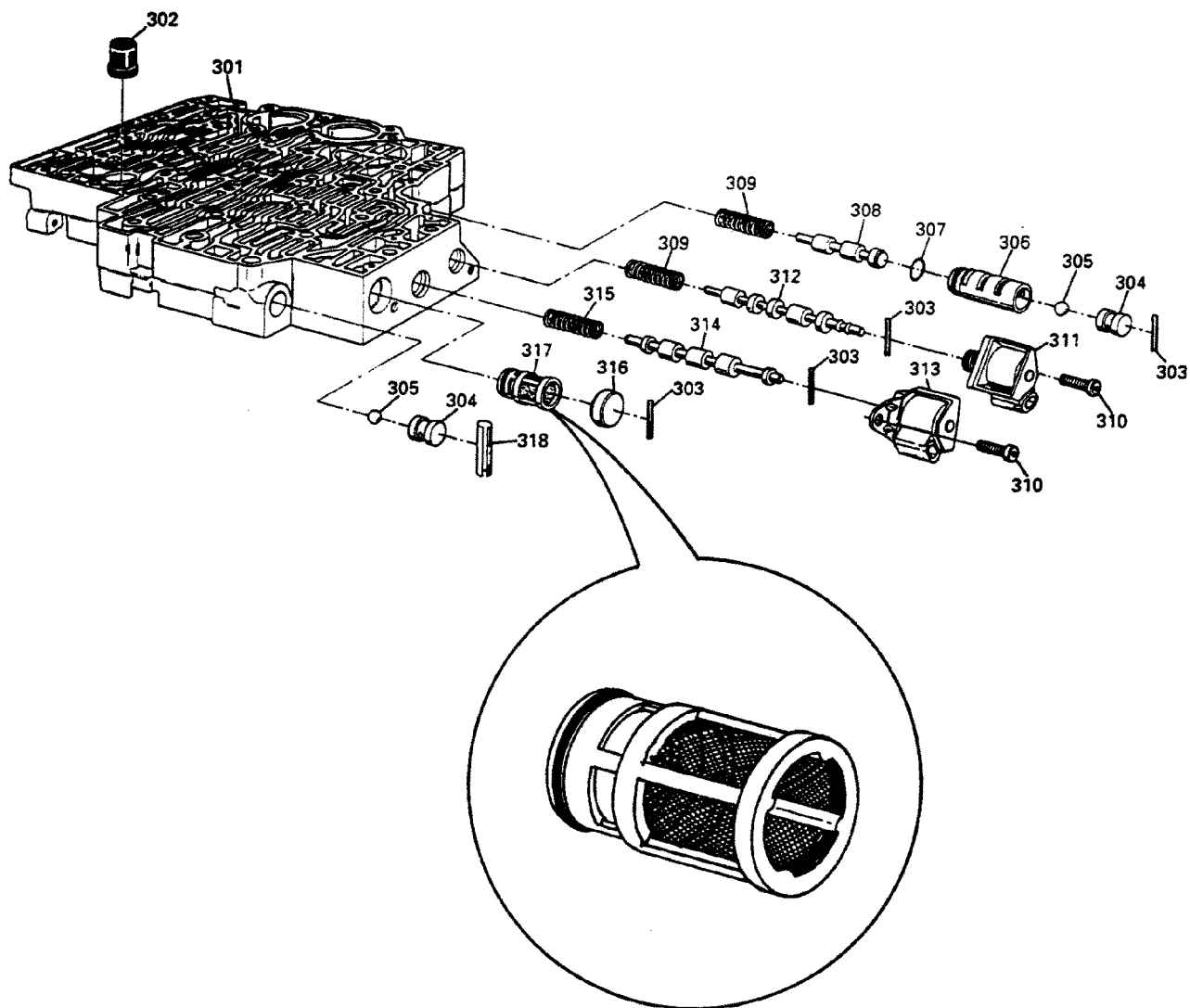
CAUSE: For ALL of the concerns listed above, the cause may be a broken Actuator Feed Screen located INSIDE of the valve body as shown in Figure 1.

NOTE: If the Actuator Feed Screen breaks and a portion of the screen blocks the exhaust passage, IT CAN FORCE THE MANUAL VALVE AND LINEAGE TO THE REVERSE POSITION!

CORRECTION: Replace the Actuator Feed Screen, located INSIDE the valve body with OEM part number 8661709. Refer to Figure 1 for location. We recommend that this screen be replaced on every rebuild and some kit suppliers are now putting this screen in the gasket set.

SERVICE INFORMATION:

Actuator Feed Screen 8661709



- 301 BODY, CONTROL VALVE
- 302 SCREEN FILTER, PRESSURE CONTROL SOL. FEED
- 303 PIN, COILED SPRING
- 304 PLUG, CHECKBALL
- 305 BALL (.375 DIA.)
- 306 BUSHING, 3RD/REVERSE CHECKBALL
- 307 SEAL, O-RING
- 308 VALVE, 3-4 SHIFT
- 309 SPRING, SHIFT VALVE RETURN (2-3 & 3-4)
- 310 BOLT, SOLENOID (1-2 & 2-3 SHIFT, PRESSURE CONTROL SOLENOID)
- 311 2-3 SHIFT SOLENOID & O-RING ASSEMBLY
- 312 VALVE, 2-3 SHIFT
- 313 1-2 SHIFT SOLENOID & O-RING ASSEMBLY
- 314 VALVE, 1-2 SHIFT
- 315 SPRING, 1-2 SHIFT VALVE RETURN

- 316 PLUG, SHIFT SOLENOID FEED FILTER
- 317 FILTER, SHIFT SOLENOID FEED
- 318 SLEEVE, LO/REVERSE CHECKBALL

Figure 1