



Technical Service Information

FORD AXOD

SHUDDER ON 1-2 UP SHIFT DELAYED OR HARSH UP SHIFTS

COMPLAINT: NO. 1. A "Shudder" during a 1-2 upshift at moderate to heavy throttle after cleaning the valve body. The transmission will perform normally at light throttle openings.

NO. 2. Delayed and/or harsh upshifts after cleaning the valve body.

CAUSE: NO. 1. A "Shudder" during a 1-2 upshift will occur if the main pressure regulator "Isolator" spring is not installed after cleaning the valve body (See Figure 1). This is caused by fluctuations in main line pressure at the time of the 1-2 shift.

NO. 2. Harsh and/or delayed upshifts can be caused by the pressure regulator spring retainer being installed backwards. This will create high main line pressure (See Figure 1).

CORRECTION: NO. 1. Insure that all three (3) pressure regulator springs are re-installed in the valve body regulator bore (See Figure 1).

1. Main Pressure Regulator Spring (Largest Diameter).
2. Main Regulator Boost Spring (Medium Diameter).
3. Main Regulator Isolator Spring (Smallest Diameter).

NO. 2. Insure that the main regulator spring retainer is installed in the proper direction (See Figure 1). The retainer is very similar to the one used in the AOD valve body, but is installed in the opposite direction of the AOD.

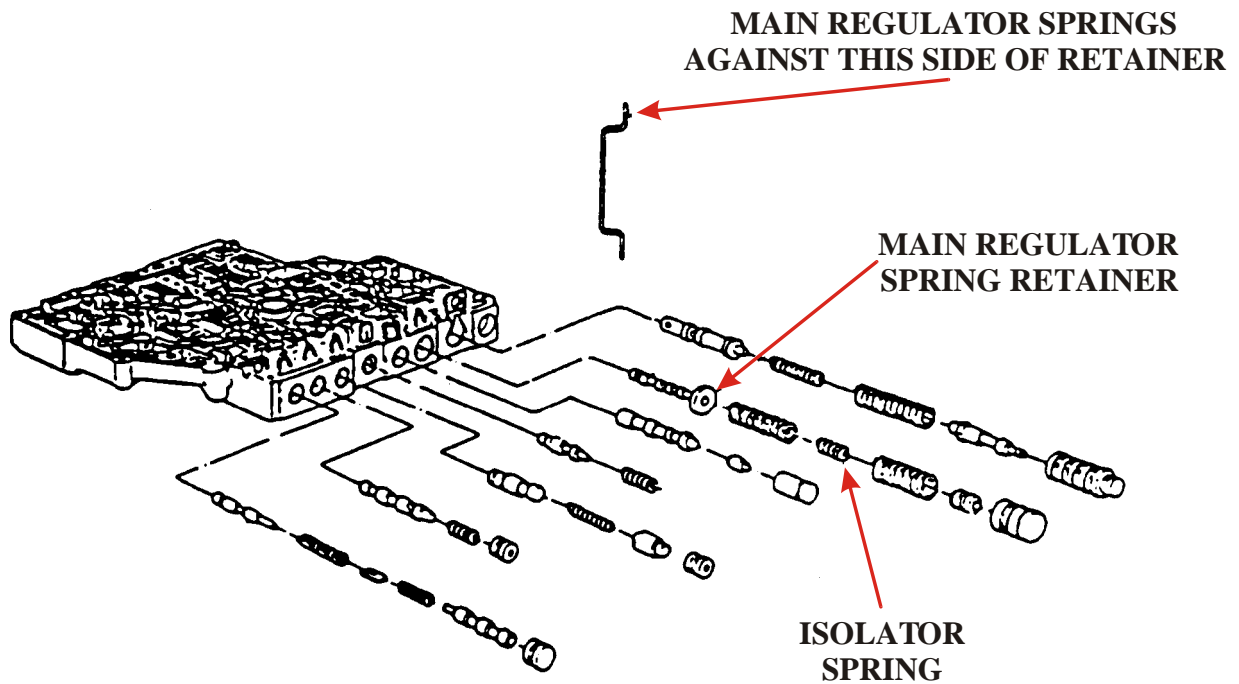


Figure 1