



SECOND GEAR STARTS; NO FIRST OR FOURTH

CAUSE:

1. Shift solenoid A is stuck open or has electrically failed.
2. Shift valve A is stuck.
3. The bore plug between shift valve A and the 4-2 relay valve has broken at the roll pin and is preventing shift solenoid A pressure from stroking the shift valve.

CORRECTION:

1. Check shift solenoid A resistance. It should be 20 - 40 ohms to ground. Check shift solenoid A with battery voltage to make sure that it closes when it is energized. See Figure 1.
2. Disassemble the valve body and clean thoroughly.
3. Replace the broken bore plug, making sure that no pieces are lodged in the worm tracks. Clean the bore so that the plug fits smoothly and the roll pin holds it securely in place. See Figure 2. -



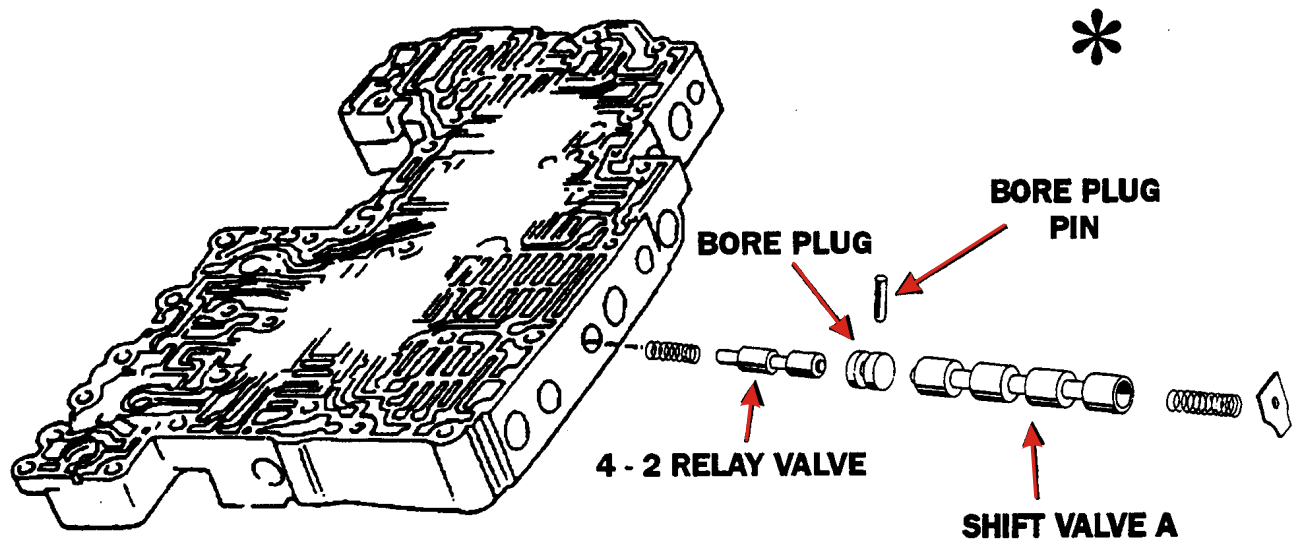


Figure 2

* Due to differences in certain line ups between the RE4R01A valve bodies and the JR403-E valve bodies, only the shift valve A line up is addressed in Figure 2. For other line up identification refer to the proper Techtran manual.