



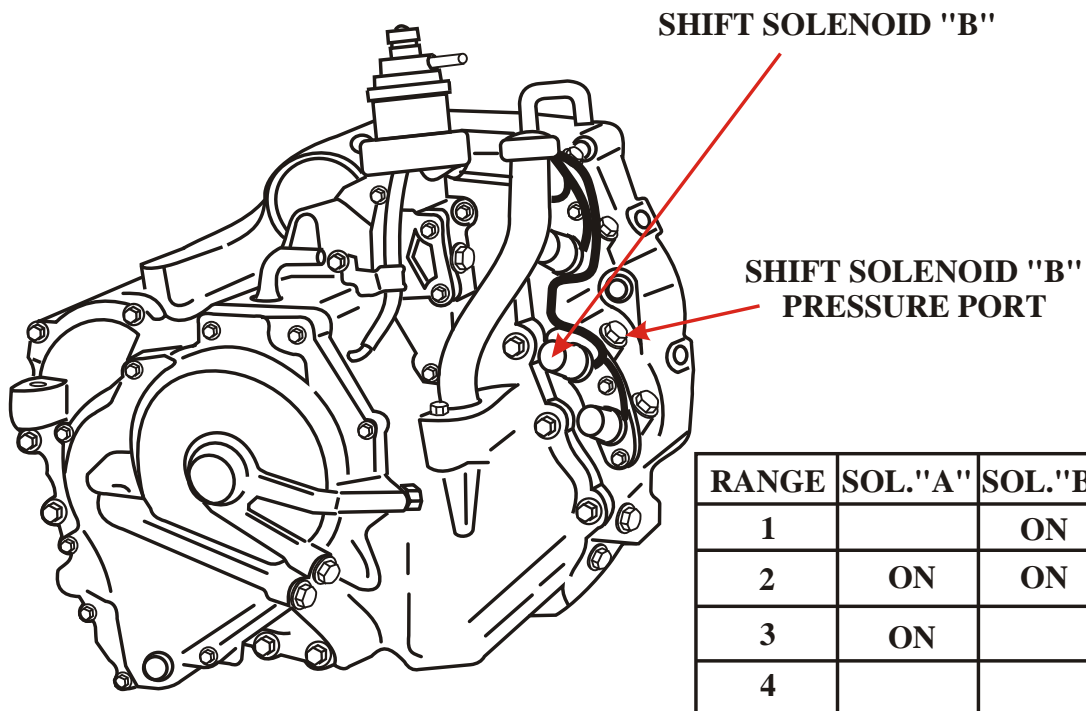
ACURA MODEL "RO" NO 2-3 UPSHIFT COLD

COMPLAINT: Some 1990 Acura Integra's, equipped with "RO" transmissions, may exhibit a normal 1-2 upshift and a "No" 2-3 upshift attempt when **cold only**. When the vehicle begins to warm up the 2-3 upshift will be completely normal until the vehicle is cold again.

CAUSE: The cause may be, a stuck open "B" solenoid when cold or a sticking 2-3 shift valve in the valve body when cold.

CORRECTION: To correct this condition first install a 0-100 psi. pressure gage onto the solenoid "B" pressure port when cold. In first and second gear solenoid "B" pressure is between 0 and 10 psi. In third gear solenoid "B" pressure should be 70-80 psi. If the solenoid "B" pressure stays at 0-10 psi. until the vehicle warms up, replace the shift solenoids. If solenoid "B" pressure increases to 70-80psi. than the 2-3 shift should have occurred. This would indicate that the 2-3 shift valve is sticking. Refer to Figure 2 to locate and ensure that the 2-3 shift valve falls in and out of it's bore on it's own weight. NOTE: Refrigerate the valve body before re-assembly to be sure that the valve is free.

SOLENOID AND PORT LOCATION



ALL SOLENOIDS NORMALLY CLOSED

Figure 1

MAIN VALVE BODY

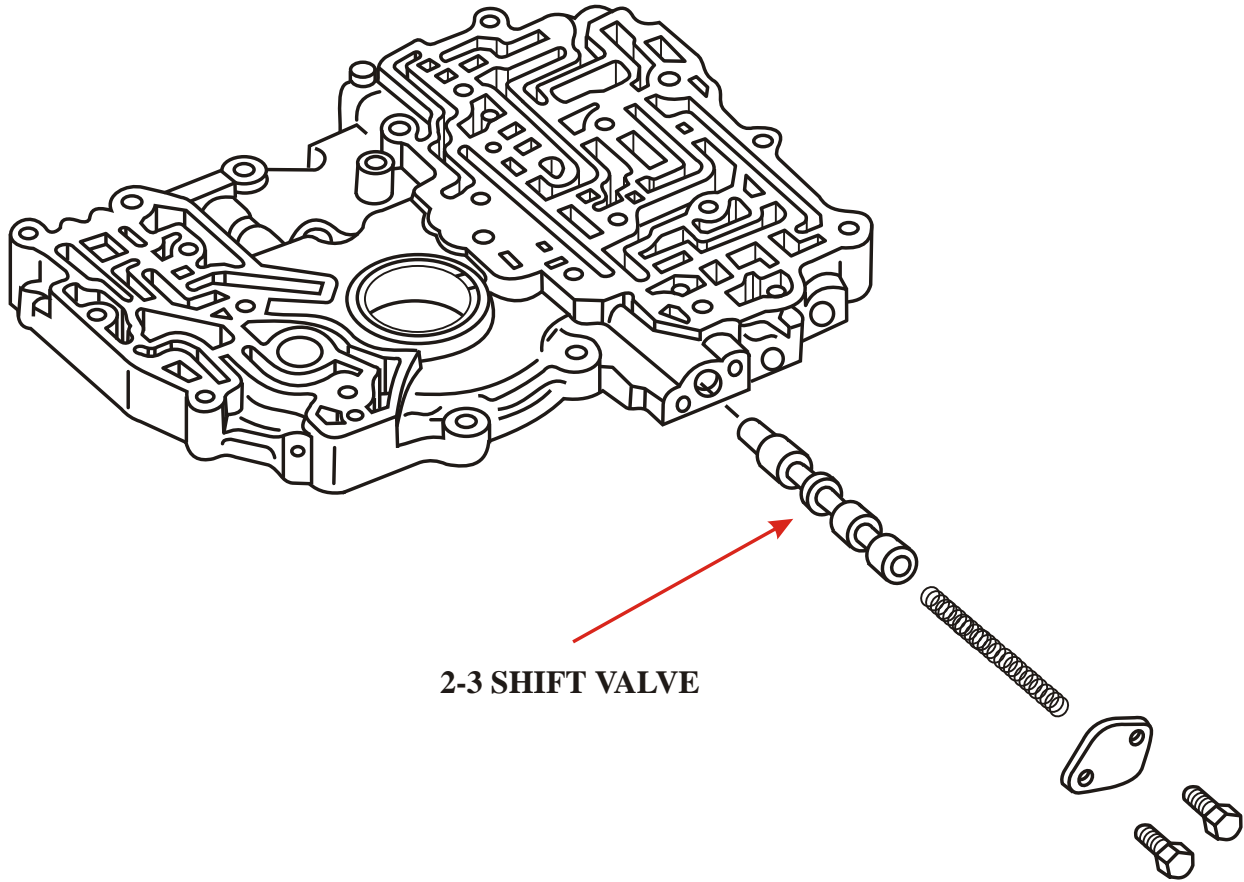


Figure 2