

Throttle Valve Kit

22771-03K

- 1 Throttle Valve
- 1 Throttle Plunger
- 1 Balance Spring
- 3 Spring Shims
- 1 Alternative TV Spring
- 1 Sleeve

Wiggle Test

1. Hold the throttle valve in the bottom of the bore.
2. Pry the valve side to side as pictured. Seeing valve movement or any oil being squeezed out indicates excessive clearance.
3. Remove the valve and visually inspect the bore for wear. Pay close attention to bore surface between the balance oil groove and the TV circuit.

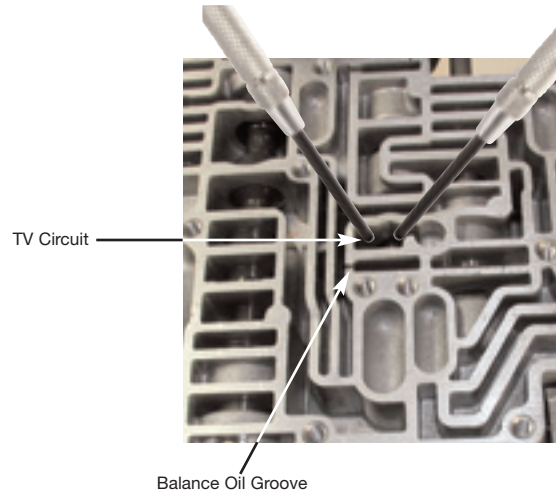


Figure 1

2nd way to inspect the bore

Be sure to hold the throttle valve against the bottom of the bore with this test. Add oil followed by regulated shop to the balance circuit. Be sure the balance feed groove is sealed during the test. There should be no leakage from the TV circuit.

3rd way to inspect the bore

Attach a rubber tube or grip the throttle valve with needle nose pliers, then stroke the valve in the normal operating range. The valve should stroke smoothly and freely. Any sticking or hang-up would indicate a worn bore.

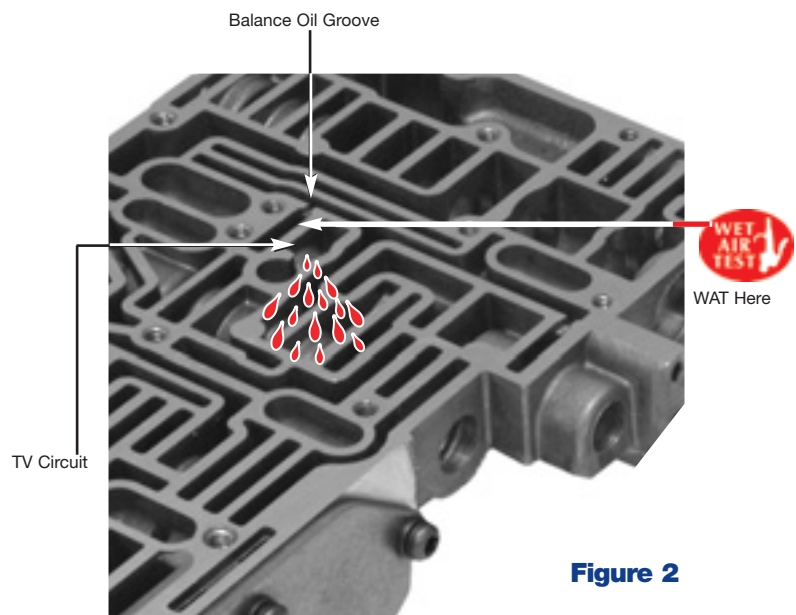


Figure 2