

**Animation Worksheet: 1-2 Upshift, Minimum Throttle**

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

1. The 1-2 shift valve is located inside the \_\_\_\_\_ body of the transmission.
2. The purpose of the 1-2 shift valve is to control the shift from \_\_\_\_\_ to second gear.
3. On one side, the shift valve is pressurized with fluid from the \_\_\_\_\_.
4. The opposite side of the shift valve is pressurized by the \_\_\_\_\_ valve pressure.
5. As the vehicle speed increases, the \_\_\_\_\_ pressure also increases.
6. When governor pressure is higher than throttle pressure and spring bias, the 1-to-2 shift valve moves, opening the \_\_\_\_\_ gear circuit.
7. The acronym \_\_\_\_\_ stands for the throttle valve circuit inside the transmission.
8. The throttle valve circuit is a \_\_\_\_\_ system that reflects engine load and throttle position.
9. The throttle valve is typically linked mechanically to the vehicle's throttle with a \_\_\_\_\_.
10. When throttle pressure overcomes governor pressure, no fluid is able to reach the \_\_\_\_\_ clutch circuit.