

Animation Worksheet: Accumulator

Name: _____ **Date:** _____

1. A transmission accumulator is a _____ component in automatic transmissions that helps cushion the application of clutches or bands.
2. The main purpose of the accumulator is to ensure smooth _____ changes.
3. System pressure is the main line pressure produced by the transmission's _____.
4. System pressure is used to engage clutches and bands via _____ pressure.
5. Apply pressure is routed through a _____ body to a specific clutch or band to initiate a gear change.
6. Output pistons are located inside the clutch or _____ assembly.
7. A small _____ is often included in the hydraulic circuit to restrict the flow rate and create a controlled delay in pressure build-up.
8. The accumulator contains a spring-loaded or piston-loaded _____ that momentarily absorbs hydraulic pressure.
9. As apply pressure enters, the accumulator piston compresses against a spring or trapped fluid, which slows down the pressure _____.
10. The accumulator's job is to regulate and cushion apply pressure in order to prevent harsh or _____ shifts.