

Animation Worksheet: Auto Transmission Band & Servo Operation

Name: _____ Date: _____

1. The heavy metal loop that wraps around the spinning internal parts of the transmission is called the _____.
2. The cylindrical component located inside the loop that spins or stops is called the _____.
3. The _____ piston uses hydraulic fluid pressure to push against a spring and pull the loop tight.
4. Small metal links called _____ connect the ends of the band to the piston and the anchoring pins.
5. Inside the assembly, a heavy-duty _____ provides the mechanical force needed to push the piston back and release the band.
6. Fluid pressure sent to the _____ side of the piston forces it to move and tighten the transmission band.
7. Fluid pressure sent to the _____ side of the piston overcomes the opposing force to let the drum spin freely again.
8. During a **1-2 Upshift**, hydraulic fluid is routed to the _____ side to lock the drum in place.
9. When a shift occurs, the transmission band contracts and _____ the drum from rotating.
10. During a **2-3 Upshift**, hydraulic fluid is sent to the release side to turn the mechanism into a _____ status.