

Animation Worksheet: Automatic Transmission Shift Elements

Name: _____ Date: _____

1. Dog Clutch F is responsible for holding the two _____ gears when it is engaged.
2. When Dog Clutch A becomes engaged, its main function is to transfer _____.
3. The slider on the outer part of a dog clutch contains internal _____ that lock into place.
4. Inside a multidisc clutch assembly, steel plates lock together tightly alongside _____ plates to prevent slipping.
5. When _____ pressure is applied to a multidisc clutch, the piston compresses the plates to transfer power.
6. A multidisc brake functions similarly to a multidisc clutch, except the _____ case replaces the rotating clutch drum.
7. When a multidisc brake is applied, the moving component completely stops, converting it into a _____ component.
8. A transmission _____ wraps completely around a drum to stop it from rotating.
9. In a transmission band setup, a spring-loaded component pushes forward to apply force, which results in the indicator status showing "Band _____."
10. When hydraulic force is removed from the band mechanism, the spring retracts and the status changes to "Band _____," allowing the component to rotate freely again.