

Animation Worksheet: Transmission End Play Checks

Name: _____ **Date:** _____

1. Checking transmission end play is critical because it avoids internal _____.
2. Too much end play can lead to gear _____, while too little can cause binding and overheating.
3. Correct end play contributes to smoother _____ and the overall efficiency of the transmission.
4. Shafts and bearings need room to expand due to heat during operation, and proper end play allows for _____ expansion.
5. Incorrect end play can cause gears, bearings, and thrust _____ to wear out faster than they should.
6. Transmission end play can be measured and checked by using a _____ indicator.
7. To prepare for the check, you must position the transmission so that the input shaft is _____.
8. When mounting the dial indicator onto the input shaft, the stem should be compressed about one _____ of the needle.
9. You must set the dial indicator to zero when the shaft is located at its _____ position.
10. Once you lift the shaft and take your reading, you should compare the measured value to the manufacturer's _____.