

Animation Worksheet: Measure Crankshaft Taper

Name: _____ Date: _____

1. Crankshaft journal taper refers to a difference in _____ from one end of the journal to the other.
2. Excessive taper is a serious issue because it can cause uneven _____ wear.
3. If taper is not corrected, it can lead to oil _____ issues and eventual engine failure.
4. Before measuring, a technician must clean the journal surfaces thoroughly with _____.
5. The precision tool used to measure taper is a _____.
6. It is critical to ensure the micrometer is clean and _____ before use.
7. To measure taper, you must take a reading at one end of the journal and then a _____ measurement at the opposite end.
8. In the video example, both the top and bottom measurements were _____ inches.
9. The mathematical formula for taper is the _____ measurement minus the _____ measurement.
10. After calculating the taper, you must compare your results to the manufacturer's _____.