

Animation Worksheet: Check Carrier End Play

Name: _____ **Date:** _____

1. Incorrect end play can cause chatter, efficiency issues, and gear tooth _____.
2. Technicians must always refer to the service information for the specific pinion end play _____.
3. When setting up the test, you must attach the magnetic base securely to the carrier _____.
4. The dial indicator stem must be positioned directly on the face of the planet pinion _____.
5. Compress the stem so the needle rotates about one full revolution to ensure spring _____.
6. Before measuring, rotate the dial bezel so that the needle reads _____ with the pinion at rest.
7. To check the movement, you must gently pry _____ on the pinion gear.
8. While watching the dial indicator, note the maximum reading, which is the end play _____.
9. When you gently press the gear back down, the needle should return to zero if the setup is stable and there is no permanent _____.
10. If the end play is excessive, you can replace worn thrust washers or _____.