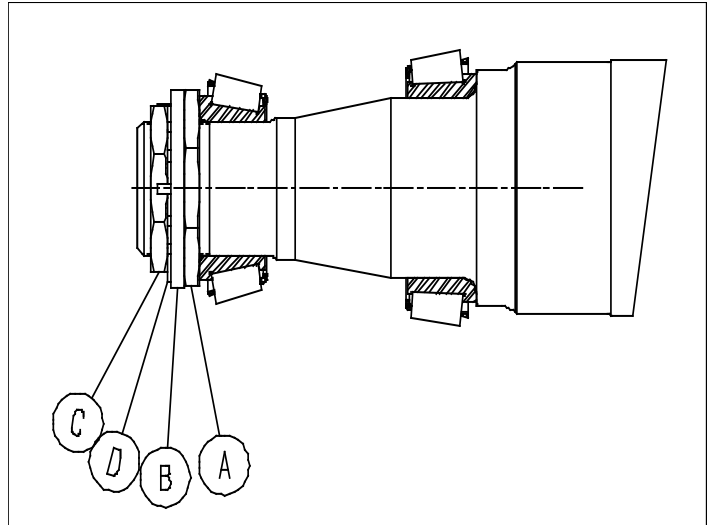


MAINTENANCE INSTRUCTIONS

Wheel Bearing Adjustment for Double Adjusting Nut System with Star Washer - F22 & F26

The objective of this procedure is to obtain 0.001" to 0.005" end play.

1. Tighten the adjusting nut (A) to a torque of **200 ft.-lbs.** (271 N-m) making certain torque wrench has clicked 3 times while continually rotating the wheel or rotate the hub 360 degrees between each torque click and do this 3 times.
2. Back off the adjusting nut (A) one full turn. Rotate the wheel.
3. Tighten the adjusting nut (A) to a final torque of **50 ft.-lbs.** (68 N-m) making certain torque wrench has clicked 3 times while continually rotating the wheel or rotate the hub 360 degrees between each torque click and do this 3 times.
4. Back off adjusting nut (A) 1/4 to 1/3 turn and install lock washer (B) to nearest hole.
5. Install star washer (D).
6. Install outer jam nut (C) and torque to **200-300 ft.-lbs.** (271-407).
7. Acceptable end play is 0.001" (.025mm) to 0.005" (.013mm) measured with a dial indicator.
8. Bend two star washer (D) tangs over the outer nut (C). Use the tangs closest to being perpendicular to the washer flats.
9. Verify that the wheel rotates freely when adjustment is complete.



For more information please see ATA's Technology and Maintenance Council (TMC) RP 618.