CASTER CONCEPTS

Beyond standard.

Beyond Standard...

Tapered Bearing Adjustment

In order to ensure correct adjustment, the tapered bearings are required to have “zero end play” at all times. The procedure to accomplish this in a caster is as follows;

1.) Assure that each spacer is positioned in the correct place, through the seal and up against the face of each bearing.

2.) Install the wheel into the rig.

3.) Install the axle through the legs, spacers and bearings.

4.) Assemble the slotted nut on the end of the axle and tighten with a wrench until the wheel has sufficient drag to stop the wheel from rotating at all when released from your hand while trying to spin the wheel. This will seat the tapered bearing cones into the cups.

5.) Back the nut off approximately a quarter of a turn to locate the cross drilled hole in the axle and one of the slots in the nut.*

6.) Spin the wheel. When released from your hand, the wheel should turn approximately one half of a rotation.

7.) Install the roll pin.*

The bearings should be checked for the correct adjustment and to assure they are properly lubricated every 500 hrs. of service or as frequently as possible afterwards.

***** Some casters maybe assembled with a Flexloc nut, this product has a locking feature that allows infinite adjustment without using a roll pin to secure the nut.

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