

Title: FRONT WHEEL BEARING FACT SHEET

Message:

Start with putting the new races for the inner and outer bearings in the freezer to make it easier to install. Install the races.

Put 90 weight oil on your inner bearing and offer it up to the spindle. The oil will provide protection from damages due to bearing running dry but at the same time, not give you a false reading when trying to shim the bearings.

Next goes the bearing spacer, then shims, starting with the thickest one .030, then .010, .005, 003 (one of each). Offer up the front hub, without the seal. Again, bathe the outer bearing in oil. Line up the tab of the washer with the groove in the spindle and tighten the castle nut, so everything lines up.

If it drags when you tighten the castle nut, then you need to add shims. If it is too loose, you need to remove shims. When it is correct, retighten to the correct specs. At this point, the hub should be turning freely, with no end float and no preload.

Once you are satisfied that you have the bearings set up correctly, then remove everything. Make sure you keep track of the shims! Now pack the wheel bearings with wheel bearing grease and install your front seal and reassemble unit.