

FIGURE 1: ATTACHING THE NOSE GEAR

NOTE: If installing the optional wheel fairings refer to Section 35A and install the wheel fairing brackets on the nose fork before completing the steps on this page.

Step 2. Apply Loctite #243 to the threads of the 5/16 24X3/4 screws. Install the screws into the WD 01230-1 Nose Fork as shown in Figure 2.

Step 3. Grease the SF 4048-12 Bronze Bushings with AeroShell #5 (Blue) Mairne/Bocair Trailer Grease or equivalent.

Slide the Nose Fork Assembly and the two U-611 Washers onto the WD-1201-1 Nose Gear Leg. The U-611 washers are "cupped" and to function properly the outside perimeter of both washers must be in contact with each other when installed. See Figure 3.

Thread on the MS21025-20 Nut.

Step 4. Thread safety wire through the bolt holes used to secure the Nose Wheel and Tire Assembly to the Nose Fork Assembly, then attach a spring scale to the end of the safety wire. Tighten the MS21025-20 Nut until a force of 18-20 lbs is measured as the Nose Fork Assembly pivots around the spindle.

Use the nut as a drill guide and match-drill #30 both sides of the nose gear leg for the cotter pin. To prevent accidental rotation, insert the cotter pin after the first hole is drilled. Deburr as required then secure the nut with the cotter pin called out in Figure 2.

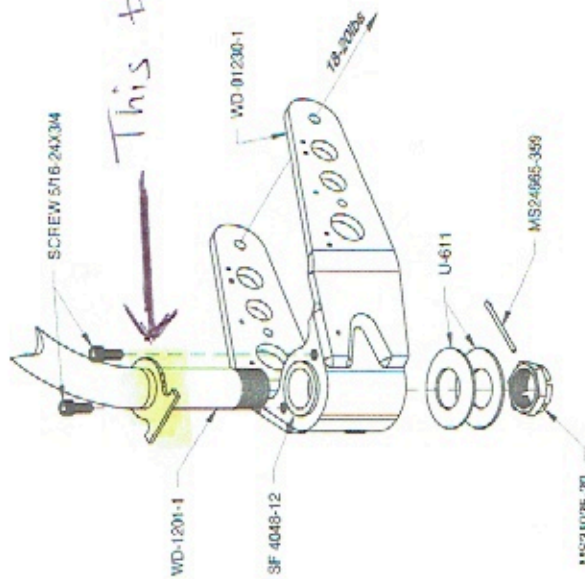


FIGURE 2: INSTALLING THE NOSE FORK ASSEMBLY



FIGURE 3:  
BELLEVILLE WASHER ORIENTATION  
(NOT TO SCALE)

NOTE: The hardware installed in Step 5 is for use as a tow-bar interface.

Step 5. Install the bolts, washers, and nuts shown in the Figure 4 detail on each side of the nose fork.

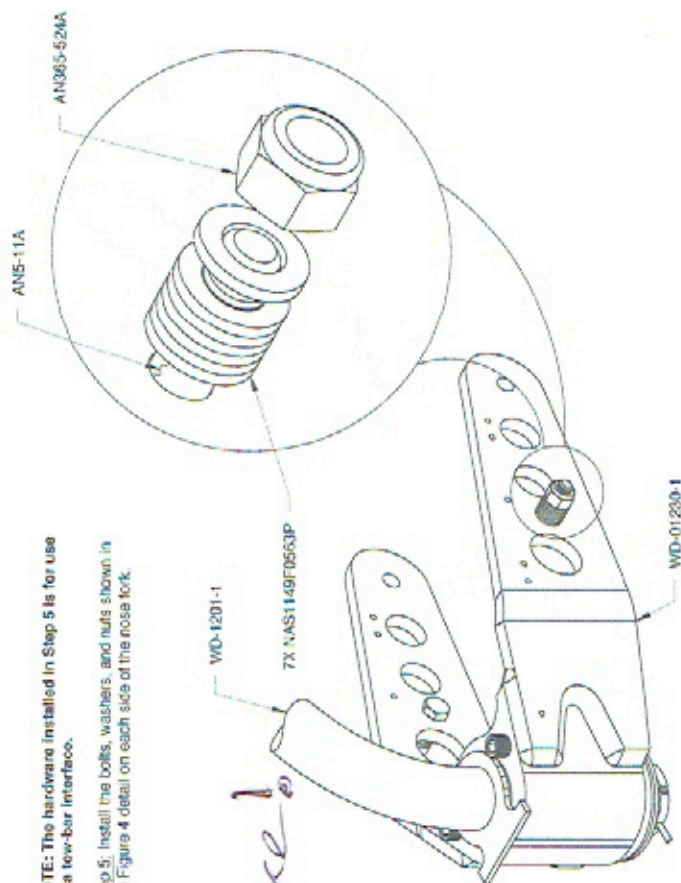


FIGURE 4: ADDING HARDWARE TO NOSE FORK