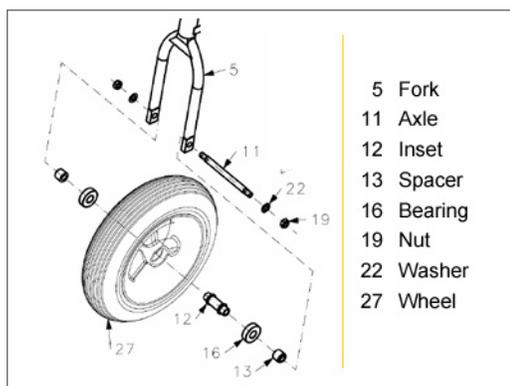


## TL-ULTRALIGHT STINGSPORT

# How To Replace The Nose Wheel Snubber

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The nose wheel snubber is a short piece of rubber hose inserted between the wheel hub and the inset (12, below). The purpose of the snubber is to dampen freewheeling of the nose wheel.



The illustration is excerpted from the Illustrated Parts Catalog for the TL 2000. The snubber is shown in the photo at right, between the inset and one of the wheel bearings.

Begin by positioning a stand to support the nose of the airplane while the nose wheel is removed. This is best accomplished by two people, one to hold the tail down while the other positions the stand. A padded sawhorse rated for the load is an acceptable stand. The sawhorse can be placed under the fuselage just aft of the lower cowling or on either side under the front motor mount. It is a good idea to tie the sawhorse to the adjacent structure of the airplane to reduce the chance that it will move if bumped during the remainder of the procedure. (This is illustrated in “How To Inspect The Nose Gear Strut” which can be downloaded from the Owners page of the Web site: [www.sting.aero/owners/](http://www.sting.aero/owners/).)

Remove the nuts (19) that fix the axle to the fork. The axle can then be removed freeing the wheel/tire assembly.



Press or drive the inset out of the bearing (photos below) in order to gain access to the space between the hub and the inset.



The snubber can be seen in the photo, below left. It is simply a short length of 5/16ths fuel line cut to fit in the space available.



To complete the project, remove the worn snubber and replace it with a new length of fuel line. Reassemble the wheel/inset/bearing components and reattach the nose wheel to the nose gear fork.

*End of "How To Replace The Nose Wheel Snubber."*