



Frog Legs™ Shock Absorbers

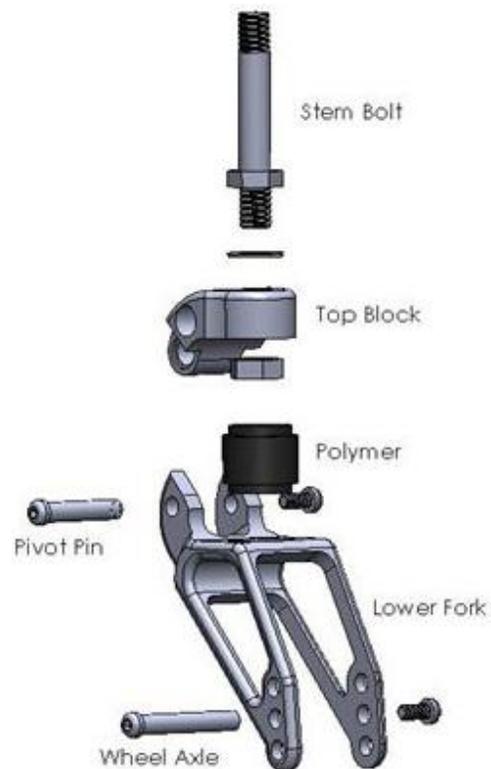
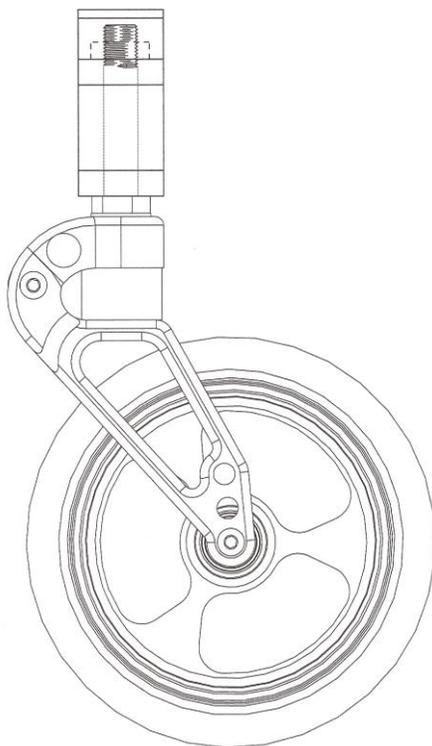
## Installation Instructions For Standard Ultra-Sport Caster Forks

### Tools Required To Install Frog Legs™ Suspension Caster Fork

- Small flat head (regular) screwdriver
- 3/4 inch (19mm) socket and ratchet

### Tools Required To Install Caster Wheel or Change Suspension Dampener

- 2- 5/32 inch (4mm) Allen wrenches



## Directions for Installing Frog Legs Shock Absorbers

**Step 1.** Use a small screwdriver to remove the plastic cover or dust cap from the top of the caster barrel housing. Find the seam between the cap and caster barrel, and pry up with the screw driver. (See diagram above for caster barrel details.)

**Step 2.** Use a  $\frac{3}{4}$  inch (19mm) socket and ratchet to remove the “nylock” nut located below the dust cap removed in Step 1. The rigid fork assembly will have to be held in place to remove the nut. Usually this can be held by hand, but bracing the assembly against a hard surface will also work. Once the nut is removed, the rigid fork assembly can be removed from the caster barrel housing.

Note: A bag of hardware containing new nylock nuts, washers, etc. are supplied with your Frog Legs forks.

**Step 3.** If your existing caster wheel is 6 inches in diameter or less and you would like to use this wheel for your new suspension system, then this wheel has to be removed from the old rigid fork. Depending on the type of rigid system you currently have, you may have to find some additional tools to remove the caster wheel. Once the wheel is removed, it can be installed on your new Frog Legs Shock Absorbers.

Supplied with your new set are (2) axle pins, (2) button-head screws and (4) wheel spacers you will need to attach your new caster wheels to your new forks. First choose one of the three axle location holes in your new forks, and then put the axle bolt partially through the hole. Add one of the provided spacers, or use your rigid system spacer if you have them. Next, insert the wheel, push the axle through the wheel and then add another spacer. Push the axle bolt through the other side of the fork. Install the “button-head screw” that came with the axle pin and tighten the assembly.

**Step 4.** Install the suspension fork assembly on the chair by inserting the stem of the suspension assembly into caster barrel housing on your chair. See above diagram. Install the new “nylock” nut on the stem bolt with the  $\frac{3}{4}$  inch (19mm) socket and ratchet. Tighten this nut until all vertical stem play is removed. Over tightening will result in a fork assembly that will not swivel freely. If this occurs, simply loosen the stem “nylock” nut until fork assembly rotates freely.

**Step 5.** Snap the dust cover back in place on top of the caster barrel housing. This completes the installation.