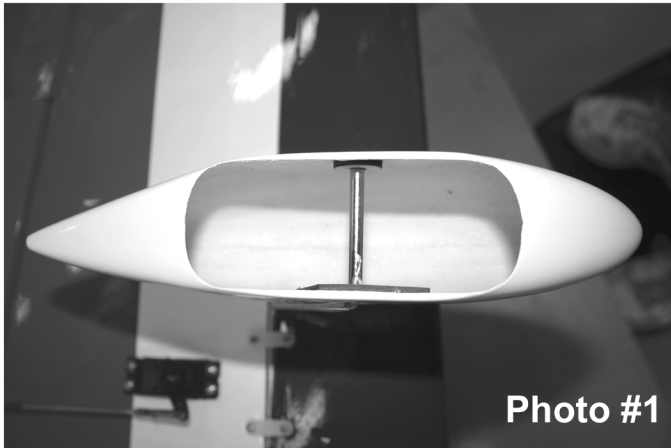


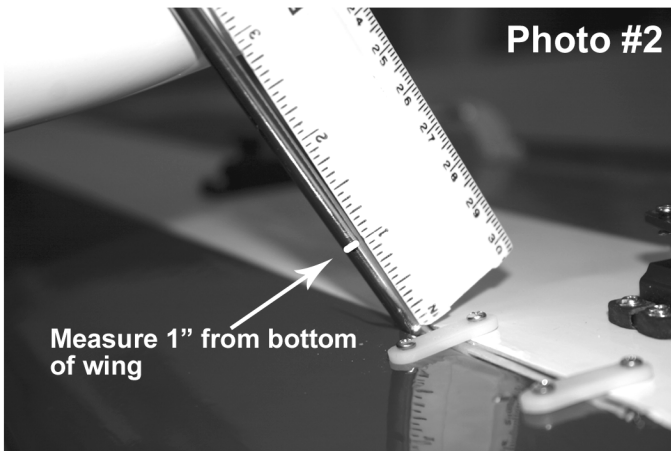
READ THIS BEFORE PROCEEDING !

HOW TO INSTALL THE ROBART GPCHIPMUNK ROBOSTRUTS FOR THE GREAT PLANES CHIPMUNK ARF

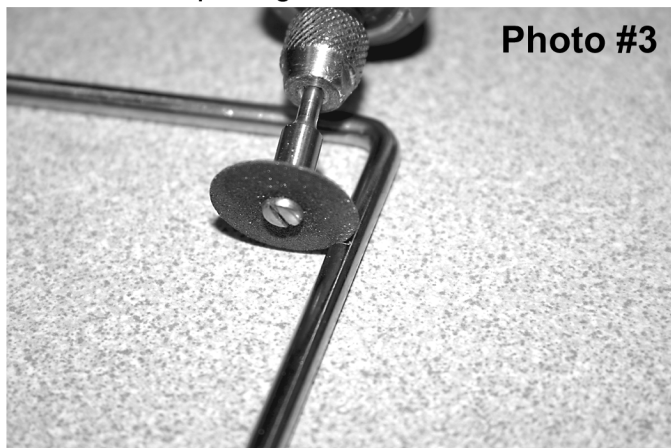
1. Install the landing gear wire and wheel pants as per the instructions on page 11 in the instruction manual of the kit.
Do only steps 1 - 5. (See photo #1)



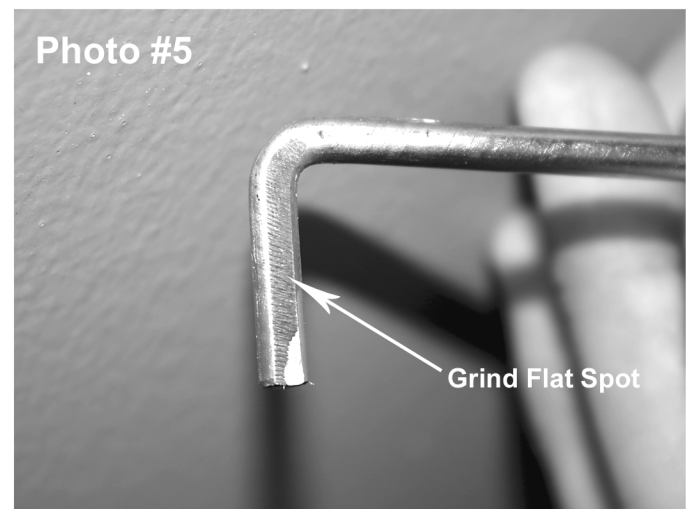
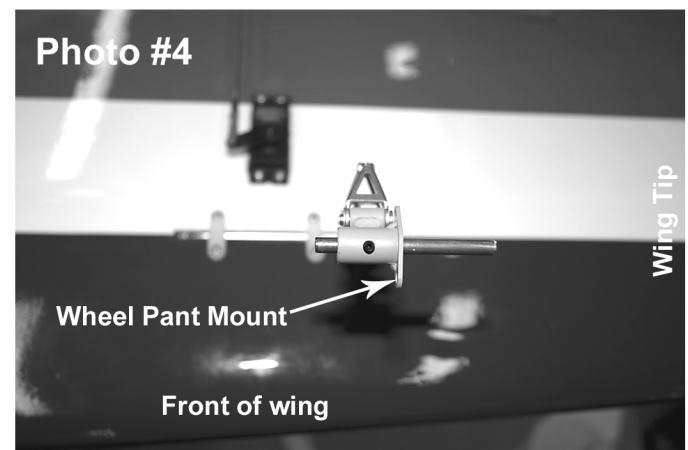
2. Remove wheel pant, but leave the landing gear wire mounted to the wing. Measure from the bottom of the wing up the wire 1 inch and make a mark. (See photo #2)



3. Remove wire from wing and cut the wire with a Dremel® tool and cutoff wheel at the 1 inch mark, (See photo #3) after cutting deburr around the edges of the wire so that there are no burrs on the wire. This will eliminate difficulties on putting the strut over the wire.

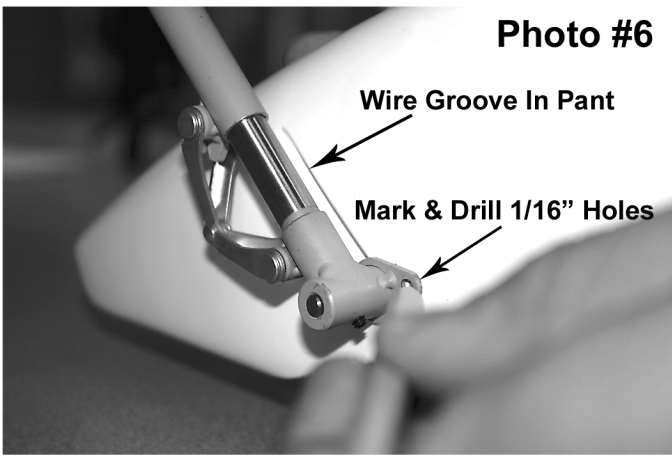


4. After you cut the wire reinstall it to the wing. Now mount the strut to the wire with the wheel pant mount towards the outside of the wing and adjust for about $1/2^\circ$ to 1° toe in. (See Photo #4) Next lock down on the set screws. After you have tightened down the strut loosen the set screws and remove the strut from the gear wire. There should be marks on the wire where the set screws were locked down. Grind a flat spot on the wire as shown. (See Photo #5) This will alleviate the strut from turning. Next reinstall the strut back on the wire and lock down. Do not forget to put blue threadlocker on the set screws.

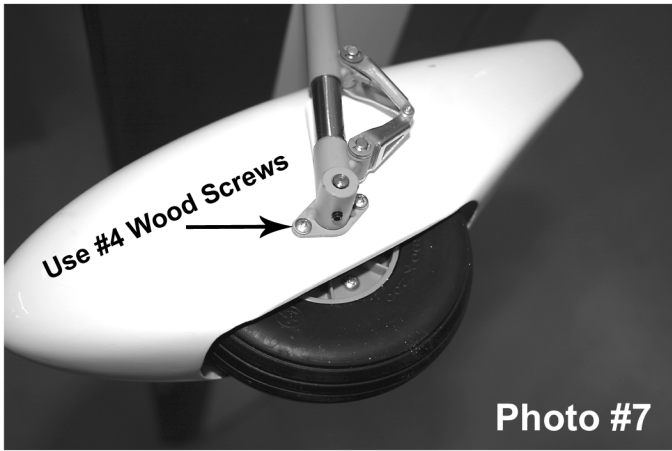


5. Select the appropriate wheel pant for the side you are currently working on. Position the wheel pant onto the strut by putting the axle in the the strut and sliding the wheel pant over the axle. Make sure the axle goes all the way through to the other side of the pant. Align the wheel pant up with the strut so that the wire groove in the wheel pant is the same angle as the strut. (See photo #6) Mark the holes and drill a $1/16$ " holes for the screws to mount the wheel pant to the strut.

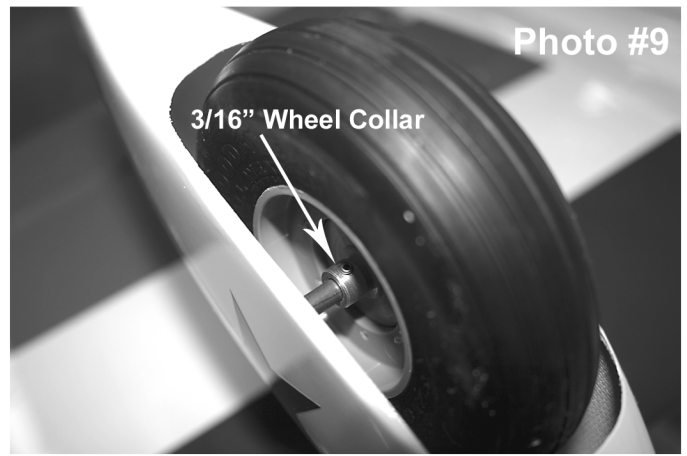
Over



6. After you have drilled the mounting holes use number 4 wood screws to mount the wheel pant to the strut. (See photo #7)



7. Now is time to mount the wheel inside the wheel pant. First slide the axle from the back side of the strut. Next put the wheel inside of the wheel pant and slide the axle through the strut into the wheel and out to the other side of the wheel pant. You will need 2 3/16" wheel collars to center the wheel. (See photo 8 & 9) We are also using Robart #118 4" Scale Wheels. These wheels will take a 3/16" axle. If you are using another style of wheel you may need to drill out the hub to 3/16" to accept the axle.



8. After you have the wheel installed on the strut and wheel pant remove the axle and grind a flat spot on it and reinstall the axle and make sure you use blue threadlocker on all of the set screws.

9. Congratulations you are completed with one side. Repeat steps 1 - 9 for the other side of the wing.



10. **AFTER MOUNTING THESE ROBOSTRUT, DO NOT ATTEMPT TO FLY YOUR AIRPLANE WITHOUT FIRST CHECKING FOR THE CORRECT CENTER OF GRAVITY.** These RoboStruts add about 7 oz. to the weight of the airplane and will change your actual center of gravity if your airplane was set up for the wire gear.

Thank You for purchasing the
Robart GPCHIPMUNK RoboStruts