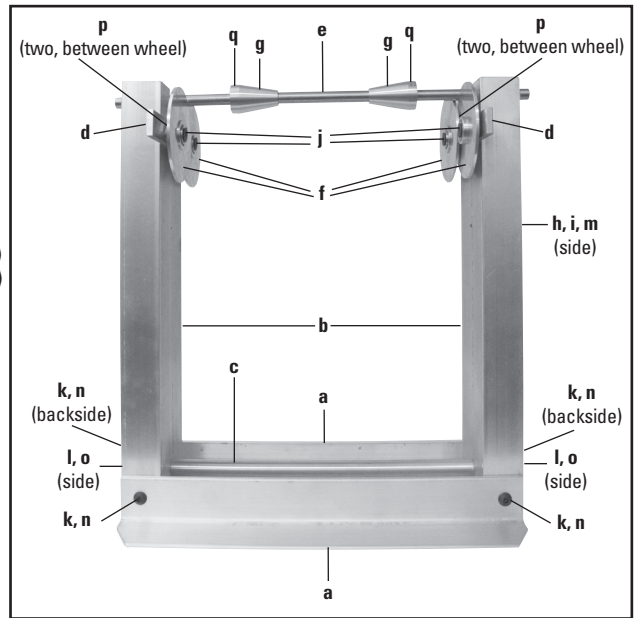
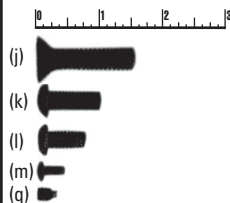
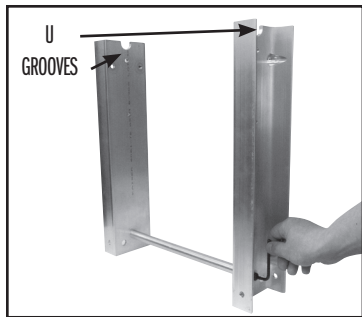


- a. Bases (two)
- b. Sidearms (two)
- c. Stabilizer Bar
- d. Crossbars (two)
- e. Balancing Bar
- f. Balancing Wheels (four)
- g. Brass Cones (two)
- h. Corner Bracket
- i. 3mm Allen Wrench
- j. 1.5" long flathead bolts (four)
- k. 1" long roundhead bolts (four)
- l. 3/4" long roundhead bolts (two)
- m. 12mm long roundhead bolt
- n. Locking nuts (eight)
- o. Lock washers (two)
- p. Washers (four)
- q. Set screws (two)

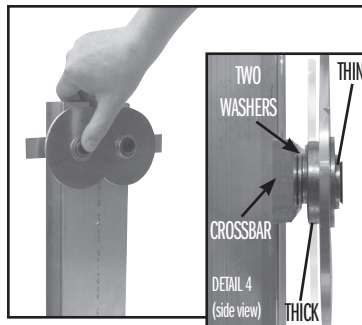


**Will I need anything else before I begin assembly?** Yes. A 5mm Allen wrench and a 1/2" open/box end wrench. Everything else you'll need comes with the kit.

**Pre-assembly.** Before you begin, take every item out of the box, unwrap from packing material and set aside. Make sure you have all the items listed above, including the two additional tools. Lastly, make sure you are working on a level surface. Questions? Call us at 218-722-1927 or email info@aerostich.com



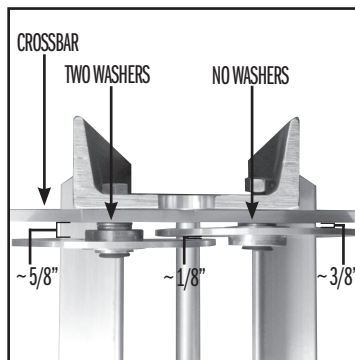
**Step 1. Stabilizer Bar and Sidearms.** Attach each end of the Stabilizer Bar (c) to the two Sidearms (b) using a 3/4" roundhead bolt (l) and lock washer (o) for each end of the stabilizer, as shown. Make sure that the "U Groove" in each Sidearm is facing as shown in the photograph. Tighten with 5mm Allen wrench.



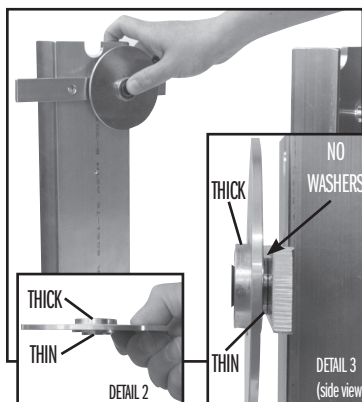
**Step 4. Left Balancing Wheel.** This may take a couple tries. Take a Balancing Wheel (f), a 1.5" Flathead Bolt (j), two washers (p), and attach them to the **INSIDE LEFT** side of the Sidearm with a Locking Nut, as shown. **Finger-tighten only.** We'll tighten everything down in the next step. The left Balancing Wheel placement is **opposite** of the right. It **MUST** have the thick rim against the two Washers and Crossbar (detail 4).



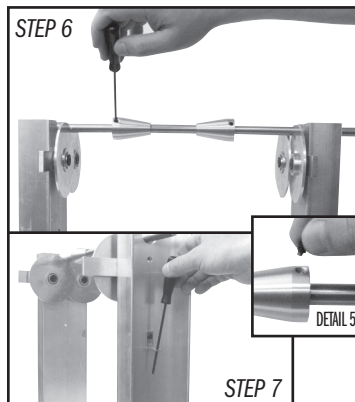
**Step 2. Attaching the Base.** Attach each Base (a) to the bottoms of the Sidearms using a 1" Roundhead Bolt (k) and a Locking Nut (n). There are two per side. Make sure the bolt heads are facing outside and the nuts are facing inside, as shown (detail 1). The Sidearms have been specially machined to fit this exact way. Tighten with 5mm Allen wrench and 1/2" open/box end wrench. \*Note: These bolts and nuts are designed to screw together very tightly so that they will stay put when fully tightened.



**Step 5. Inspection.** Look from the top down at your Balancing Wheels, as shown. They have not been tightened down yet, but they should spin freely and **NOT** rub against each other – there should be roughly 1/8" of space between them. **If your Balancing Wheels rub against each other**, repeat Steps 3, 4 & 5. **If they do not rub against each other**, tighten the two bolts down with 5mm Allen wrench and 1/2" open/box end wrench, **turn the Wheel Balancer around** and repeat steps 3, 4 & 5 on the other Sidearm.



**Step 3. Right Balancing Wheel.** Here's where it gets a little tricky. Take one of the Crossbars (d), a Balancing Wheel (f), and a 1.5" Flathead Bolt (j), and attach them to the **INSIDE RIGHT** side of the Sidearm with a Locking Nut (n), as shown. **Finger-tighten only.** We'll tighten everything down after the next step. \*Important note: All Balancing Wheels are the same. Each one has a thick outside hub, and a thin outside hub (detail 2). The **RIGHT** Balancing Wheel **MUST** have the **THIN** outside hub against the Crossbar, as shown (detail 3).



**Step 6/7. Balancing Bar.** Slide a Brass Cone (g) onto the Balancing Bar (e) **in the direction as shown**. Take a Set Screw (q) and thread it into the hole on the Brass Cone **with the green "tab" pointed downward**, as shown (detail 5). If you don't, you won't be able to tighten the set screw. Slide your wheel onto the bar, slide the other Brass Cone onto the Balancing Bar **in the direction as shown**, and thread the other Set Screw into the Brass Cone. Eyeball your tire to the center of the Balancing Bar, slide the two Brass Cones snug into your tires' wheel bearings, and tighten the set screws using the 3mm Allen wrench. **Allen Wrench Holder.** Attach one of the corner brackets to either side of the Sidearm with the 12mm roundhead bolt (m).