



**INSTALLATION INSTRUCTIONS  
12e & 16e BALANCE BIKE  
with Hardline Products®  
TRAINING WHEELS**



**Part No. 1602-UT-H-STA  
& 1602-UT-STA-M**



Scan for  
bike  
Installation  
Video



**Install video available at  
Instalar video disponible en  
Installez la vidéo disponible sur**

<https://youtu.be/X6gVkk0CC1M>

# ***Danger***

## **When Using Universal Trainer You Should...**

NEVER: install on motorcycles with a engine larger than 50cc.

NEVER: ride without adult supervision.

NEVER: ride with or place feet in front of Universal Trainer.

NEVER: ride in congested areas.

NEVER: ride on the road.

NEVER: ride faster than the ability of the rider. Always start slowly and gradually increase speed.

NEVER: ride without proper safety equipment. (Always wear a helmet, pants, shirt, gloves, and boots.)

NEVER: ride on rough ground or horizontally on steep vertical inclines.

NEVER: hit objects with Universal's wheels. This may cause damage or injury to the rider and the bike.

NEVER: run into any object or objects. This may cause damage or injury to the rider and the bike.

NEVER: ride more than one person at a time.

NEVER: modify the motorcycle or Universal Trainer.

NEVER: ride over objects with only one training wheel. This may cause dismounting of rider and damage to Universal Trainer or your bike  
Remember to avoid objects whenever possible.

NEVER: ride the Universal Trainer in soft sand. Universal Trainer is not designed for this function.

NEVER: use Universal Trainer for any other purpose than what it is designed for.

NEVER : change the size of the wheels.

NEVER : ride at speeds that exceed 10 mph.

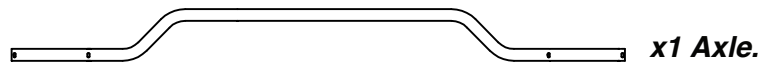
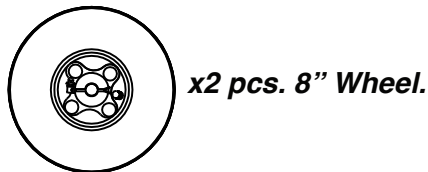
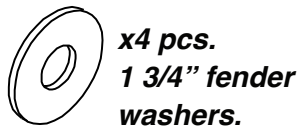
**DISCONTINUE USE IF ANY PART IS BENT, BROKEN OR MISSING  
INSPECT BEFORE AND AFTER EVERY USE.**

**FAILURE TO USE THIS APPARATUS CORRECTLY CAN  
RESULT IN SERIOUS INJURY OR DEATH. ONLY USE  
UNIVERSAL TRAINER FOR ITS INTENDED PURPOSE.**

**THIS IS ONLY A TRAINING AID!!!**

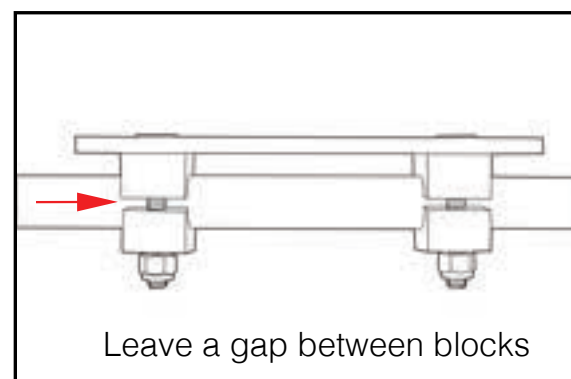
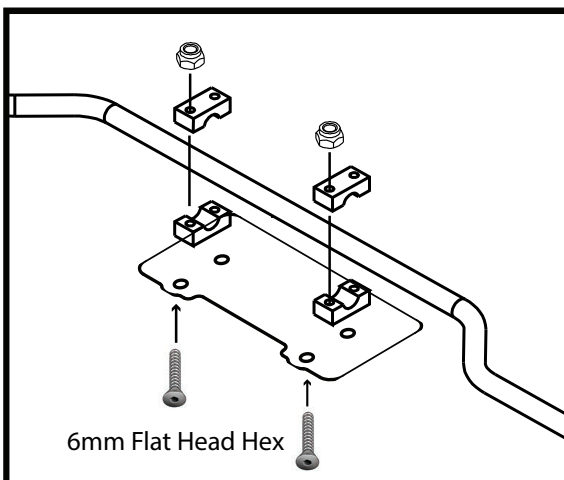
# Installing Universal Trainer Training Wheels for Stacyc® 12e & 16e Strider Balance Bike.

Tools needed: 10mm wrench or socket. #4 Hex Head (Allen Wrench)  
Pliers or needle nose & Tape Measure.



**Step 1.** Remove from box and lay out all parts. Turn bike upside down so it is sitting on seat and handlebars.

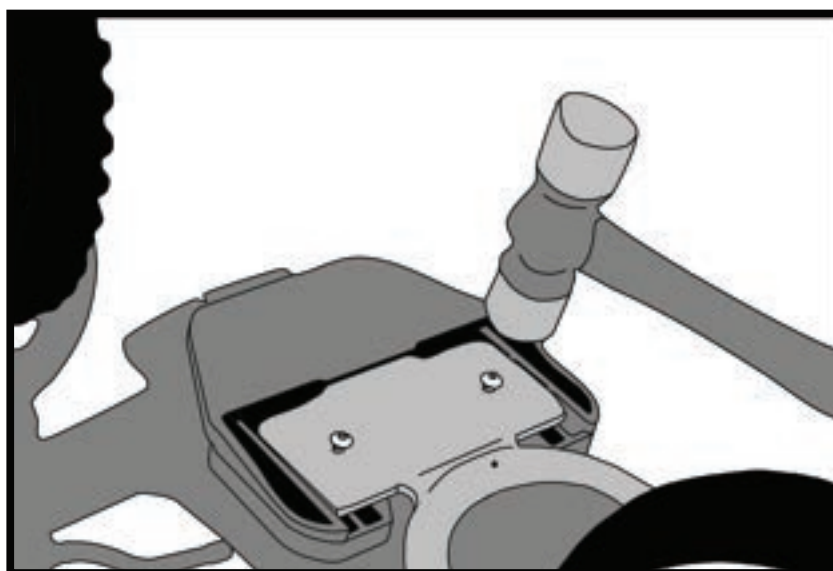
**Step 2.** Install blocks on plate and axle on blocks. Use (2) 6mm" Flat Hex Bolts in counter sunk hole on adaptor plate and nut on block side. Do not over tighten, just snug fit for now. Leave a gap between blocks. See images below.



**Step 3.** Use 4mm Hex head wrench and remove bolts from bottom of floor-board. There are nuts inside floorboard on topside. Make sure to remove those nuts and save for future use.



If you are having trouble getting nuts out, thread bolts back in a little bit and then tap bolt with hammer, nut will pop out of floor-board on the other side.



**Step 4.** Push remaining 6mm Hex bolt through floor-board up through chasis.



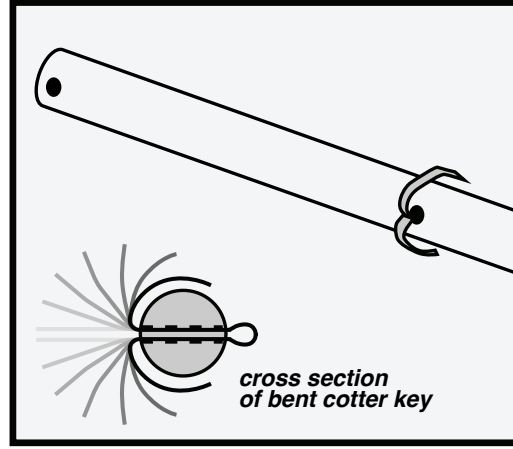
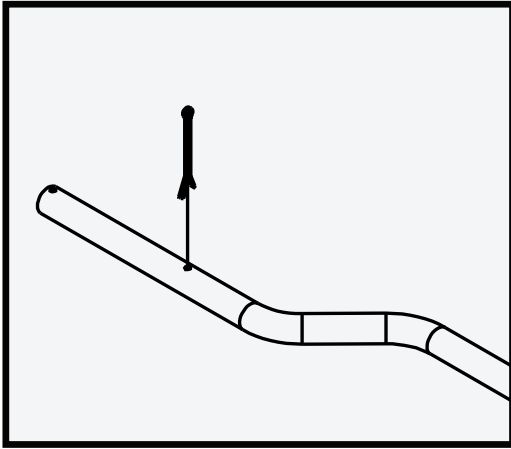
**Step 5.** Place axle and plate assembly from **STEP 2** on bolts and install remaining nuts. Do not tighten nut just snug fit for now to hold it all together.



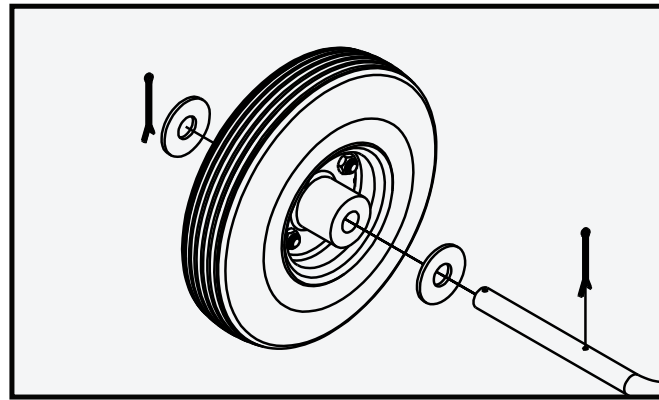
**Step 6.** Measure from curve in axle to curve on other side of axle. You want the the axle centered on the bike, about 8" is the middle. Because the nuts are just snug-tight, slide the axle to get it centered on the bike.



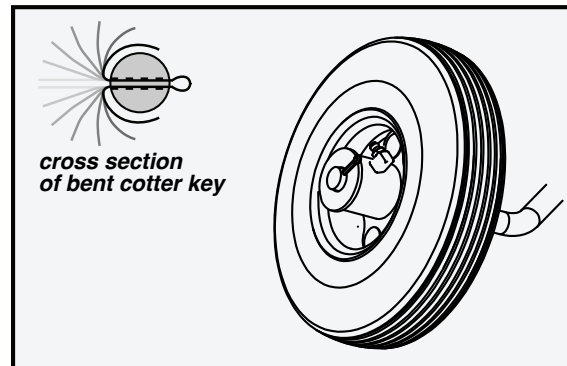
**Step 7.** Install cotter key closest to riders foot floorboard through hole in axle. Split cotter key around back on itself so will not fall out of hole with pliers.



**Step 8.** Slide large fender washer onto each side of axle.



**Step 9.** Slide wheels on to axle followed by fender washer. Make sure valve stem to tire is on the inside of the bike closest to the floorboard.



**Step 10.** Install Cotter Key in end hole on Axle. Split Cotter Key around back on itself with pliers so it will not fall out of hole.



**Cotter Key.**



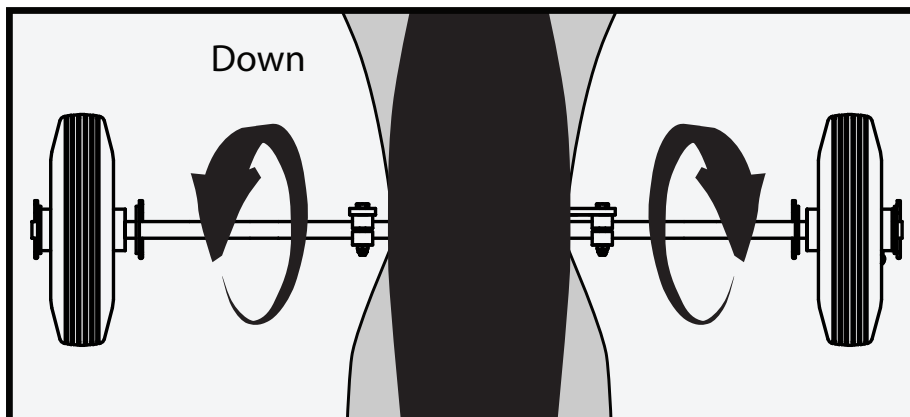
**1-3/4" Washer.**



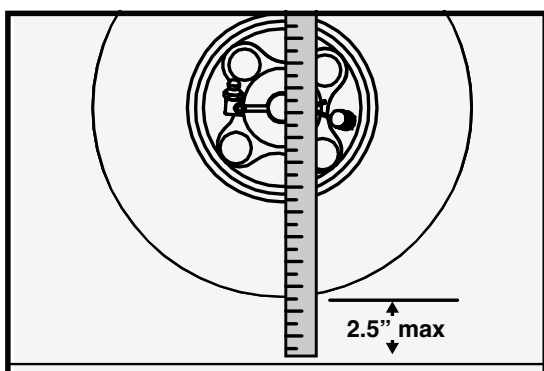
**8" Wheel, Washer and Cotter Key Assembled.**



**Step 11.** Turn bike over on to Training Wheels, rear wheel of bike should touch the ground as the Training Wheels. If they do not touch the ground rotate axle until all wheels are touching the ground.



**Step 12.** You can adjust for more or less lean (Training wheel on the ground) by rotating the bend in the axle up or down. As your rider's skill level increases rotate the axle up so less training wheel is touching the ground. Once rider has achieved balance remove training wheels and axle. Re-install original bolts and nuts.



**Note:** If you give the bike more than 2 1/2" of lean, the bike will be able to tip over or flip over in corners or turns.

**DO NOT EXCEED 2 1/2" OF LEAN OF WHEEL FROM GROUND.**

Use your tape measure to check wheel height from ground.

**NOTE.** Universal Trainer operates best with tires only having a few pounds of air pressure (.3-5 lbs.) rather than fully inflated. Check with tire gauge.

**CAUTION:**

**Never hit holes or other objects with training wheels, this could throw rider and/or damage the training wheels and or your strider bike. Do not exceed speeds of 10 mph while using these training wheels.**

**CAUTION:**

**Inspect Training Wheels, tires, axle, blocks and hardware before and after every use. DO NOT USE IF ANY PARTS OR BOLTS ARE BROKEN.**

**Step 13.** Tighten the FRONT 6mm nuts until the axle will not rotate by hand. Do not attempt to close the gap on blocks. Tighten just enough that axle will not rotate while riding. If axle rotates while riding tighten nuts a little more.



**Step 13 cont.** You can reach under the bike to tighten the nuts or flip the bike back over on the seat and handle-bars to easily reach the nuts.



## **SAVE THESE INSTRUCTIONS**

If you are **unhappy** with this product or have suggestions please contact us directly using the contact information below, so we can make it right.

**We want you 100% Satisfied!**

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