

**INSTALLATION INSTRUCTIONS  
STACYC® 12e & 16e BALANCE BIKE  
WITH TRAINING WHEELS**



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



# ***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.**

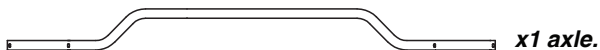
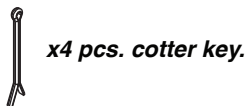
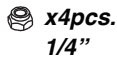
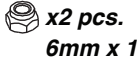
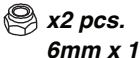
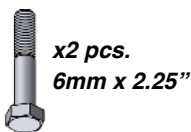
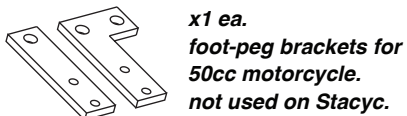
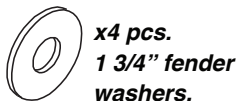
**FAILURE TO USE THIS APPARATUS CORRECTLY CAN  
RESULT IN SERIOUS INJURY OR DEATH. ONLY USE  
UNIVERSAL TRAINER FOR ITS INTENDED PURPOSE.**

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

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

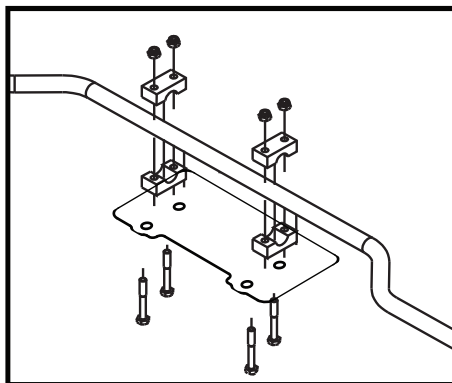
Tools needed: 7/16" & 9/16" wrench.

7/16" & 9/16" sockets. Pliers. Tape Measure.

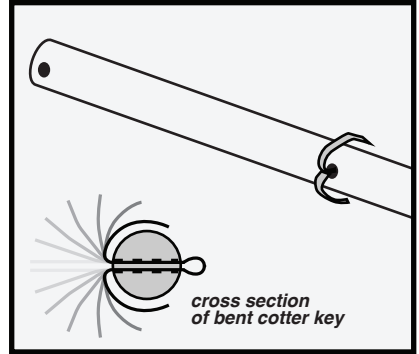
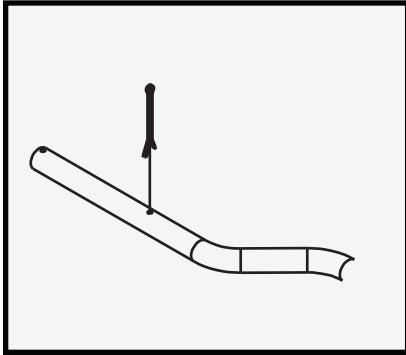


**Step 1.** Remove from box and lay out all parts. Turn bike upside down so it is sitting on seat and handlebars.

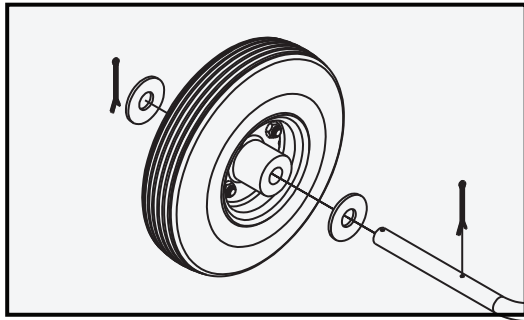
**Step 2.** Install blocks on axle. Use 6mm" allen bolts in counter sunk hole on adaptor plate and nut on block side. Do not over tighten, just snug fit for now. Leave a gap between blocks. See image below.



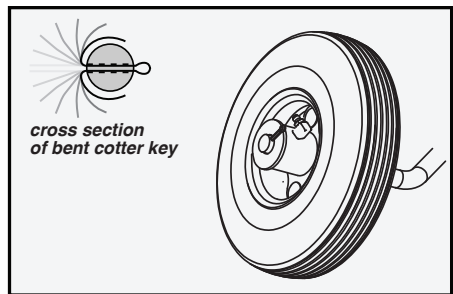
**Step 3.** Install cotter key closest to riders foot floorboard through hole in axle. Twist cotter key around back on itself so will not fall out of hole with pliers.



**Step 4.** Slide large fender washer onto each side of axle.

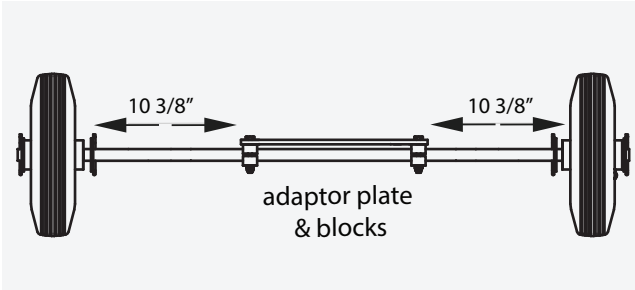


**Step 5.** Slide wheels on to axle followed by fender washer. Make sure valve stem to tire is on the inside of the bike closest to the floorboard.

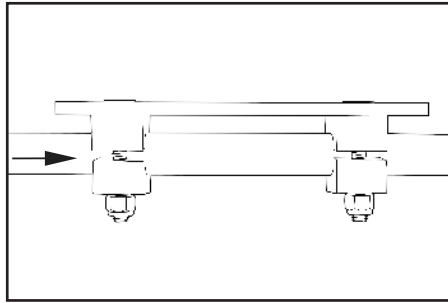


**Step 6.** Install cotter key in end hole. Split cotter key around back on itself with pliers so it will not fall out of hole.

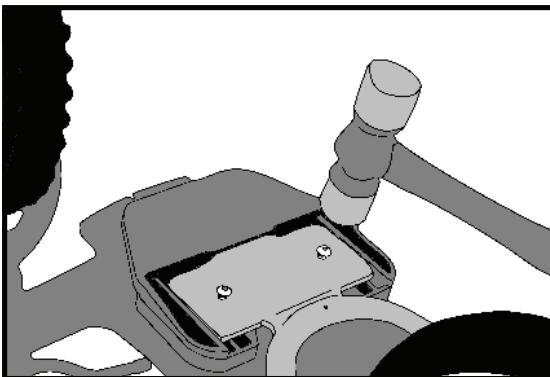
**Step 7.** Measure from inner edge of tire and rim to outer edge of adaptor plate. Move adaptor plate and brackets so that it is center on axle. Measurement should be the same on both sides. Approx. 10 3/8" on each side.



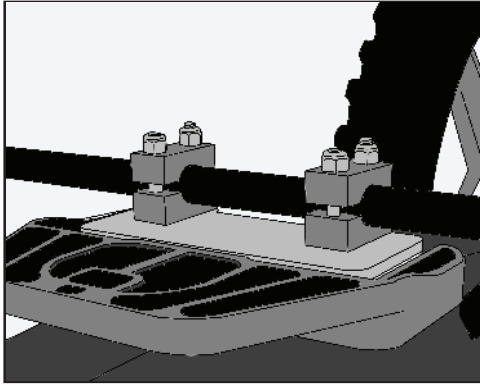
**Step 8.** Tighten allen bolts and nuts on adaptor plate Tighten to 12-13 ft. lbs. (16.26-17.62 nm) . There should be a gap between blocks. Do not attempt to close gap as it will break block.



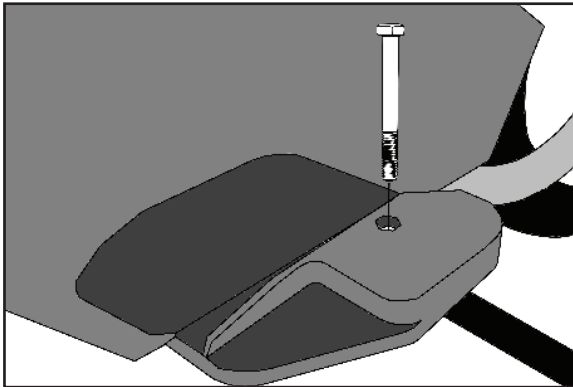
**Step 9.** With bike upside down on handlebars and seat, back out floor board allen bolt until it is almost out but still in the nut on the top side. Gently Tap with hammer so nut on other side pops out of floorboard countersunk hole. Keep these bolts and nuts as you will need them again when you remove training wheels after your child learns to balance.



**Step 10.** Place training wheels with adaptor plate onto the bottom of bike. From the topside of the floor board push 6mm bolts through hole in floorboard through blocks on training wheels and install nut. Make sure to push bolt all the way through so hex head of bolt sinks into recessed hole in floorboard locking it into place.



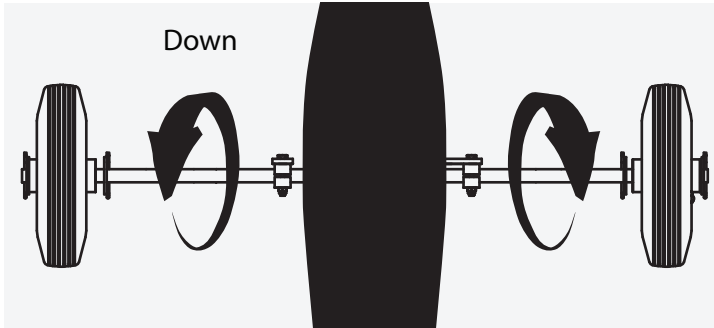
**Step 11.** Tighten nuts to 12-13 ft. lbs. (16.26-17.62 nm) There will be a gap between blocks. Do not over-tighten attempting to close gap or block will crack. Tighten just enough so axle does not rotate.



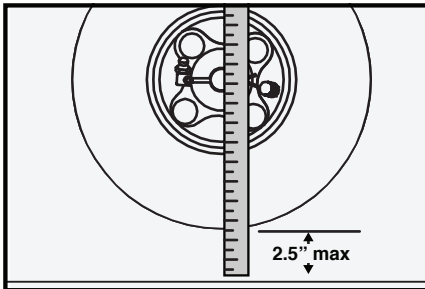
**Warning:**

**IF YOU BREAK THE BLOCK DO NOT USE, CONTACT  
HARDLINE PRODUCTS® at 888-413-8315 or [sales@hardlineproducts.com](mailto:sales@hardlineproducts.com)  
FOR REPLACEMENT. DO NOT RETURN TO RETAILER.**

**Step 12.** Turn bike over onto Training wheels, rear wheel of bike should touch the ground evenly. If they do not touch ground, loosen bolts from **Step 10** and rotate axle so wheels will be touching the ground. See illustration below.



**Step 13.** You can adjust for more or less lean (Training wheel on the ground) by moving the bend in the axle up or down (Loosen bolt & nut from **Step 10**.) 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 are bent or broken.

## **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!**

If you are **pleased** with the product, and the transaction please review us on **Amazon** or our web page **hardlineproducts.com**

If you have a new product idea, but don't know how to bring it to market, Hardline Products® can help and pay you for your idea. Call or write us!

**HARDLINE PRODUCTS®, INC.**

**7766 SW Jack James Drive.**

**Stuart, FL 34997**

**www.hardlineproducts.com**

**email: sales@hardlineproducts.com**

**toll free 888-413-8315**