

BikeBalance™

the **ULTIMATE** bicycle accessory

OWNER'S INSTRUCTION MANUAL



SURFBOARD RACK



**FORK BASE
UNIT**



BASKET ADAPTER



TRAINING HANDLE

APPLIES TO EVERY BIKE BALANCE BASE UNIT

Bike Balance Owner's manual

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SECTION I

***AN IMPORTANT MESSAGE TO PARENTS:**

This manual contains important safety information. If the Bike Balance is going to be used on a child's bicycle, it is your responsibility to review this information with your child and make sure that your child understands all warnings, caution, instruction, and safety topics involved with using the Bike Balance.

***GENERAL WARNING:**

Bicycle riding can be a hazardous activity. Bicycles can and are intended to move, and it is therefore possible to get into dangerous situations or lose control and/or fall off.

***USE WITH PROPER SAFETY PRECAUTIONS. USE AT YOUR OWN RISK, AND USE COMMON SENSE.**

• ALWAYS WEAR PROPER PROTECTIVE EQUIPMENT SUCH AS A SNELL OR ANSI APPROVED HELMET.

• SPECIAL PRECAUTIONS SHOULD BE TAKEN IF RIDING IN LESS THAN IDEAL CONDITIONS.

• WHEN USING TRAINING HANDLE, RIDER MUST NOT EXCEED 100 LBS.

SECTION II

BIKE BALANCE COMPONENTS: (FORK BASE UNIT FIG.1)

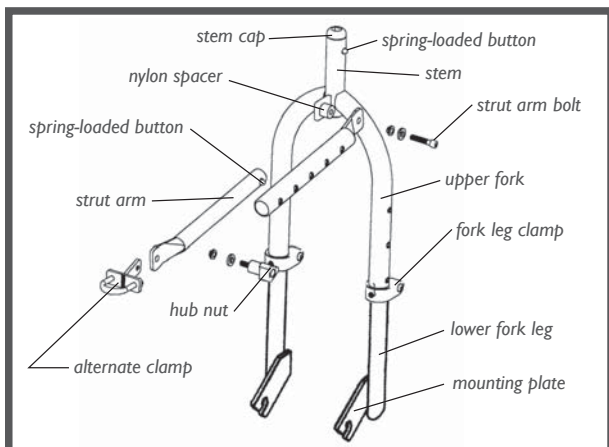


Figure 1

SECTION III

FORK MOUNTING & ADJUSTMENT

Remove Fork base unit from box. If you have purchased a **Training handle unit**, rotate lower fork legs forward, so they are pointing in the same direction as the Strut arm (**Fig. 1**). Your Bike Balance Training Unit comes with fork legs designed to fit the rear axle of most **Single speed bicycles (SSB)**.

1. SINGLE SPEED BICYCLE (SSB) AND MSB LOWER FORK LEGS

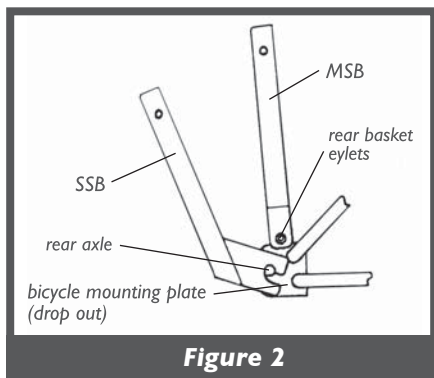


Figure 2

Multi-speed bicycle (MSB) legs are sold separately. If you have purchased a Bike Balance **Surfboard rack unit**, both (**SSB**) and (**MSB**) Lower fork legs are included (**Fig. 2**). See (**MSB**) for installation and mounting.

Note decal on the side of the **Fork base unit leg**. This indicates the relationship between tire wheel size and fork leg length (small, medium or large). The smaller the wheel, the shorter the length (**Fig 3**). It is important to use the smallest fork length which will clear the rear bicycle tire and fender. Secure spring-loaded button in the proper length setting and tighten Fork leg clamps with the supplied Allen wrench (**Fig. 4**).

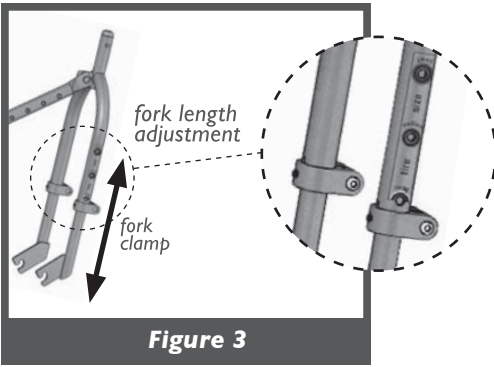


Figure 3

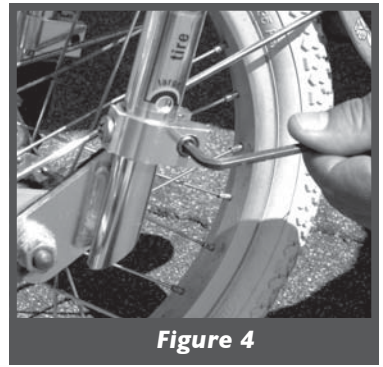


Figure 4

Start with loosening or removing your bicycle rear axle nuts (counter-clockwise). Place **Lower fork leg mounting plate** slots on the axle, and partially tighten axle nuts. Note: if axle nuts permit, use supplied washers. Insure wheel is centered in the bicycle frame and not rubbing on either side of the frame. Pull back on the rear wheel to remove any slack from the chain. Firmly tighten the rear axle nuts (clockwise) with a wrench (**Fig. 5 & 6**).

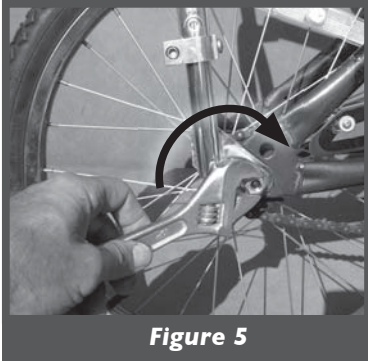


Figure 5

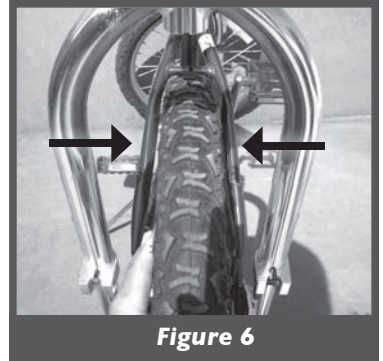


Figure 6

If your bicycle manufacturer has installed a molded plastic chain guard system that covers the entire rear wheel mounting plate, temporarily disconnect the rear portion of the chain guard for installation of the Fork base unit legs (**Fig. 7 & 8**).

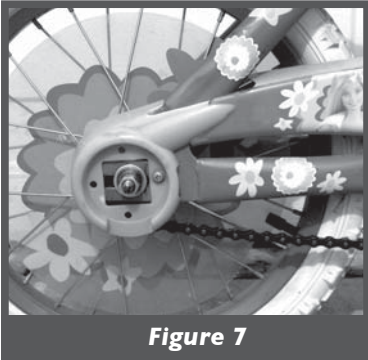


Figure 7

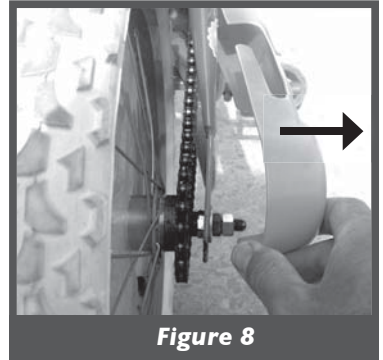


Figure 8

After installing the Lower fork legs, re-secure the rear chain guard, if possible. Trimming the plastic chain guard may be necessary for proper installation of the training handle unit. Consult your local bike shop.

2. MULTI-SPEED BICYCLE (MSB) LOWER FORK LEGS

MSB lower fork legs are designed for most **multi-speed and wide axle width bicycles**. Replace (SSB) legs with (MSB) lower legs. Secure spring-loaded button in the proper length setting and tighten Fork leg clamps with the supplied Allen wrench. Secure (MSB) legs to the bicycle basket/rack eyelets located above the rear axle (**Fig. 9**). Use one of the three pairs of supplied Allen bolts. Bolt length will depend on how many **mounting plate spacers** are needed. Four mounting plate spacers are supplied with the MSB lower fork legs. Use one or more to accommodate different axle widths. (**Fig. 10**).

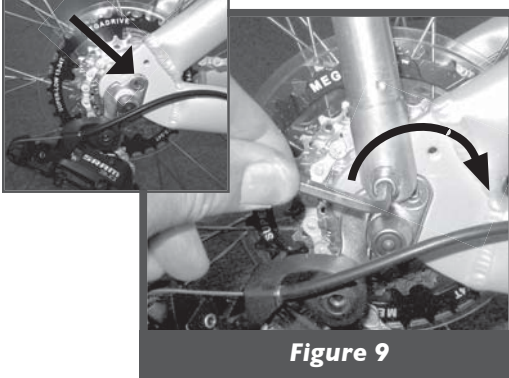


Figure 9

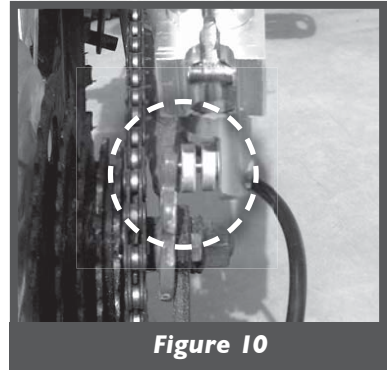


Figure 10

SECTION IV STRUT ARM MOUNTING & ADJUSTMENT

There is a removable clear plastic grommet at the distal end of the Strut arm. If needed, remove it for bigger size seat post bolts. Loosely connect the Strut arm to the seat post clamp and adjust to proper length (**Fig. 11a**). **The length will depend on the individual needs and what attachments are used.** It is easier to adjust the Strut arm length while the seat post nut is loose. After adjusting Strut arm length, tighten seat post nut or quick-release clamp lever.

An Alternate seat post clamp is included with your Bike Balance unit (**Fig. 11b**). This clamp is used **only** if the present bicycle manufacturer does not have a clamp suitable for proper installation of the Strut arm at the seat post clamp. Removal of the nylon spacer at the proximal end of the strut arm may be necessary for proper alignment.

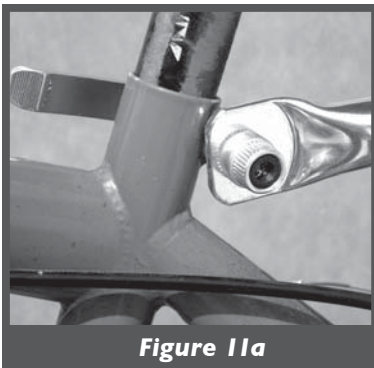


Figure 11a

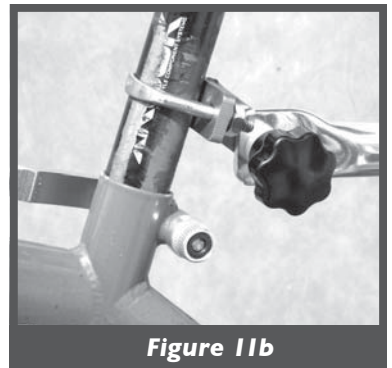


Figure 11b

SECTION V

BIKE BALANCE ATTACHMENTS

I. TRAINING HANDLE COMPONENTS & MOUNTING (FIG. 12).

Match Steer tube quick release clamp keyway to the Fork unit stem groove. Slide Steer tube onto Fork base unit. Secure spring-loaded pin and tighten clamp. Tilt handle far enough back by lengthening Strut arm so supervising adult will not kick or stride into the rear tire.

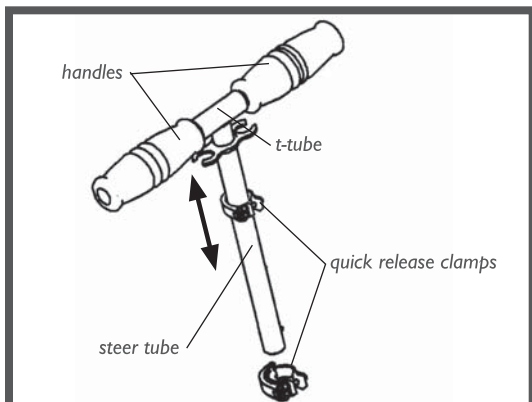


Figure 12

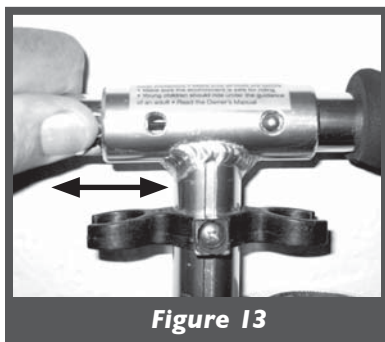


Figure 13

Assemble the right and left handlebars by pressing the spring-loaded buttons and inserting them into the T-tube (**Fig. 13**).

Make certain the Button engages in the T-bar for each handlebar.

WARNING: FAILURE TO PROPERLY ENGAGE SPRING-LOADED BUTTONS MAY CAUSE INJURY.

To adjust the height of the handlebars, unlock the steering tube by pulling outward on the quick-release lever. Slide the T-tube to the desired position and secure by locking spring-loaded button in place and by pushing inward on the quick release clamp (**Fig. 14**).

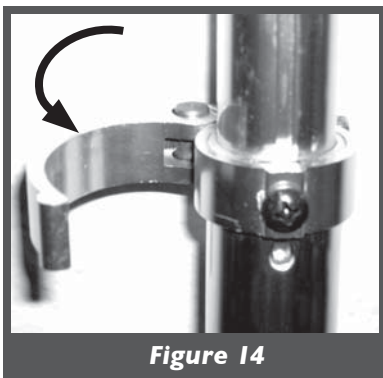


Figure 14

The tension of the quick release clamping mechanism can be adjusted by tightening or loosening the Allen bolt. Be careful not to over-tighten. You should always be able to open and close the quick-release lever by hand and the T-tube should telescope freely with the clamp open.

WARNING: FAILURE TO PROPERLY ENGAGE THE QUICK-RELEASE CLAMP AND THE SPRING-LOADED BUTTON MAY CAUSE THE T-BAR TO MOVE WHICH MAY CAUSE INJURY.

2.SURFBOARD RACK COMPONENTS AND MOUNTING

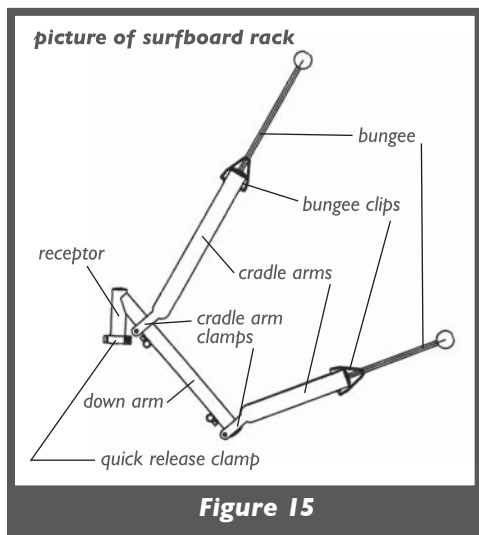


Figure 15

Slide the two Cradle arms onto the Down arm so the larger one is pointing in the up direction and the smaller cradle arm pointing in the more horizontal direction (see Fig. 15). Align cradle arms in a parallel fashion so one is over the other. Tighten cradle arm clamps with supplied Allen wrench.

Additional bungee cords may be used to secure a boogie board in place. Two plastic eyelets and bolts are included with the Surfboard unit. They hold the bungee cords to the underside of the Down arm (**Fig. 15**). **Additional bungee cords sold separately.**

Place the receptor onto the Fork base unit stem noting the quick release clamp keyway. Engage the spring-loaded button and tighten the quick-release clamp. It is recommended that the surfboard be positioned so the rear fin is resting on the Lower cradle arm **protective sleeve**. This will prevent the surfboard from sliding down. The angle of the Fork base unit assembly may be changed to accommodate different length surfboards and rider positions. This is done by extending or shortening the Strut Arm to desired length.

3. BASKET ATTACHMENT AND MOUNTING (FIG. 16)

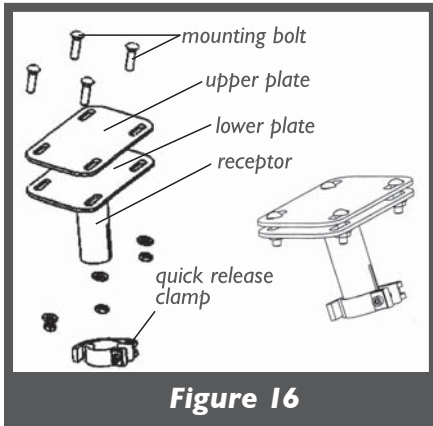


Figure 16

Baskets sold separately.

Most types of baskets can be mounted on this adapter.

Place the Lower basket mounting plate roughly in the center of the basket. Bolt the Top mounting plate through the basket to the Lower plate.

This is done in a sandwich-like manner. Secure all four mounting lock washers and nuts using a wrench. Place the Basket attachment receptor onto the Fork base unit stem. Engage the spring-loaded button and tighten the quick-release clamp.

Note: Mounting plate positioning may need to be altered to accommodate different baskets.

SECTION VI

CLEANING YOUR BIKE BALANCE UNIT

Wipe with a damp cloth to remove dirt and dust. Do not use industrial cleaners or solvents as they may damage the surfaces. Do not use alcohol, alcohol-based, or ammonia-based cleaners as they may damage or dissolve the plastic components or soften the decals or decal adhesive.

SECTION VII

LIMITED WARRANTY

This limited warranty is only for Bike Balance. There is no other expressed or implied warranty. The manufacturer warrants this product to be free of manufacturing defects for a period of six months from date of purchase. This limited warranty does not cover normal wear and tear, nor any damage, failure or loss caused by improper assembly, mounting, maintenance, storage, or use of the Bike Balance.

This limited warranty will be void if the product is ever:

- **USED IN A MANNER OTHER THAN WHAT IT IS INTENDED FOR;**
- **MODIFIED IN ANY WAY;**
- **RENTED.**

The manufacturer is not liable for incidental or consequential loss nor damage due directly or indirectly from the use of this product.

TO OBTAIN SERVICE UNDER THIS WARRANTY YOU MUST, WITHIN THE WARRANTY PERIOD, CONTACT BIKE BALANCE LLC DIRECTLY BY GOING TO WWW.BIKEBALANCE.COM AND CLICKING 'WARRANTY CLAIMS.'

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