



Owner's Manual
“Enjoy the Ride”



**THIS MANUAL CONTAINS
IMPORTANT SAFETY, WARRANTY AND
SKIBYK ASSEMBLY INSTRUCTION**

**CONGRATULATIONS ON YOUR PURCHASE OF A NEW
SB100/SB200 ALL-MOUNTAIN SKIBYK**

GENERAL WARNING:

Just like any sport, SkiByking includes risk of injury and damage. By choosing to ride a SkiByk, you take full responsibility for that risk, so you need to know and to exercise the rules of safe and responsible riding.

Before you hit the slopes it's very important to have the right gear and know how to use it. In addition to a helmet, and boots, you will also need warm clothing and protective eyewear.

Be Smart on the Slopes

So, you have all the right equipment and clothing, and maybe you have taken a few lessons...Congratulations, you're finally ready to go SkiByking on your own. There are still a few important things to remember to keep yourself safe:

- **Always SkiByk with a friend:** No matter how good a SkiByker you are, it's possible to have a bad fall and be unable to continue SkiByking. Having a friend to look out for you and, if necessary, summon the ski patrol in the event of an injury is good sense.
- **Know your limits:** Be honest with yourself when it comes to your SkiByking ability. If you're a beginner, stick to the beginner slopes until you feel comfortable enough to move up to something steeper. Most ski trails are clearly marked as green circles (beginner terrain), blue squares (intermediate terrain), or black diamonds (advanced terrain). If a trail says it's for experts only, it means just that. SkiByking on terrain that is beyond your ability is not only no fun, it's also a good way to get hurt.
- **Follow the rules:** Never venture past the ski area boundary or SkiByk into a closed area. These areas are off-limits for a reason. They're not patrolled by the ski patrol, and they usually contain hazards that you don't want to deal with.

- **Practice skier/snowboarder etiquette:** Remember that skiers/snowboarders in front of you or below you on the trail have the right of way. You can see them, but they probably can't see you, so it's up to you to avoid them. Never stop in the middle of a trail or anywhere where you can't be seen from above, such as below a drop off or jump. Look uphill to make sure no one is coming toward you before you start down a trail or merge onto a new trail. If you're passing another skier on a catwalk or narrow trail, call out "On your right" or "On your left" to let them know you are coming up behind them.
- **Be an ambassador for the sport:** Ski Biking has been around for a long time...but in recent years it has started to gain more acceptance on the Ski Slopes and more mainstream Ski Areas are allowing us to ride their hills. As with Snowboarding in the mid 80's a few bad apples caused many resorts that were previously open to snowboarders to close...due to an "incident". Sometimes lift access for snowboarders was a week to week deal. We hope to avoid these challenges and ask that you help all of us of grow this sport by being an ambassador...and we will all be able to continue what we enjoy doing!
- **Have a great time:** SkiByking is fun. Lots of fun. And while there are risks involved, this shouldn't keep you from having a blast on the slopes. So grab a friend and get out there!

SB100/SB200 ALL-MOUNTAIN SKIBYK ASSEMBLY INSTRUCTIONS

So you have read through all of the above and understand that to have fun SkiByking and avoid injury you must be prepared and SkiByk in a responsible manner...and now you want to get your NEW SkiByk assembled. A couple of items to discuss first:

Your new SkiByk comes partially assembled from the factory, this is to insure some of the key components are assembled properly and help you get on the hill sooner. **However YOU MUST check all of the bolts and connections to make sure they are tight. We HIGHLY recommend you do this each time you head to the slopes.**

Parts Checklist



ALERT...prior to assembly please check to insure you have all parts...we have done a check of all parts prior to shipping to you and have included the checklist with a signature. If you find any parts are missing prior to assembly please contact us immediately at Chris@SkiByk.com.

Tools needed

1. **4mm, 5mm & 6mm** Allen Wrenches
2. **15mm** wrench for pedals
3. **Blue Loctite** for all bolt threads (recommended)

Assembly Instructions continued:



Assembly will occur in the reverse of how the parts came off of the fork Steerer Tube...silver expander ring goes first, then left to right.

Front fork and Handlebar assembly (Please note the bearings should be set in the head tube...in the event they dropped out in shipping, please start at step 1...if they are still seated in the head tube start at #2)



Top Bearing



Bottom Bearing

1. Slide the fork with into the head tube...be careful to not knock out the top head set



2. Slide retainer down the fork stem until it is seated



3. Slide large tapered spacer onto fork stem



4. Slide additional spacers as needed no more than 2 large spacers and the smaller provided spacers are recommended before the handlebar clamp



NOTE we have provided you with plenty of spacers so that you can adjust the height of the handlebar clamp to your liking for initial assembly we recommend no more than the additional provided spacers above the tapered spacer between the handlebar clamp and the top of the head set. If you would like a lower bar height simply remove spacers and add them to the top of your handlebar clamp

Assembly Instructions continued:



- 7 Slide Handle post over fork stem
- 8 Slide remaining spacers over fork stem to handle post

Note with the last spacer attached above the handlebar clamp...the top of the fork stem should be recessed a minimum of 1/16th inch

- 9 Insert top cap and bolt into top of fork stem and tighten

Note once top and bolt are tightened this should secure all bearings and spacers to insure there is no play.

- 10 Adjust handle post to face forward and tighten the two 6mm allen bolts.

NOTE make sure the handlebar clamp is straight...if you find after final assembly the bars are not straight you can make adjustments later

- 11 Attach Handlebars by removing the four 6mm allen bolts placing your bar in the bracket adding top clamps and bolts
- 12 Tighten the four 6mm allen bolts with the 6mm allen wrench.

NOTE the clamps and bolts must be tight and the four 6mm allen bolts should be checked regularly...failure to do so could cause the bars to slip in the clamp and cause injury to the rider and loss of warranty

Seat Assembly



13 Attach seat and seat post tighten seat post clamp using the 5mm Allen wrench.

14 Check the 6mm allen bolts that attach the seat to the post, insure they are tight

NOTE the seat tube clamp and seat post clamp allen bolts should be checked prior to every ride, failure to insure these are tight could cause and injury to the rider and loss of warranty



NOTE we recommend no more than 4" of the seat stem be exposed above the seat tube...heights above this can put unnecessary stress on the seat tube and cause a potential failure. Failure to properly install the seat and seat tube in the seat post could cause injury and loss of warranty

NOTE it is important that the seat not be lowered to a point where it could impact the rear shock and when making any adjustments to the height of the seat that you insure the clamp is tight. Failure to tighten the clamp could cause the seat post to slip down and impact the rear shock and cause damage to the rear shock...damage caused by the seat post impacting the rear shock and damaging it will not be covered under the warranty

Pedal Assembly:



- 15 Attach the pedals using a 15mm wrench right pedal clockwise
- 16 Left pedal counter clockwise

NOTE Make sure the threads are not cross threaded by tightening them first by hand. Additionally, the pedals should be checked prior to every ride to insure they are tight, failure to do so could cause injury to the rider and loss of warranty

Ski Assembly:

Mount the Skis with the S in SkiByk to the front...the new early rise tip will give you more float in the soft stuff!



- 17 Mount the skis using the eight 4mm allen bolts and 12 washers. We recommend you hand thread the bolts into the inserts first to make sure the threads are free of any debris

Rear Ski will use 2 washers per insert...these are soft washers that will cup as you tighten them



Front skis will use 1 washer per bolt



18 Loctite is recommended...Blue is medium strength and is recommended

19 Align the skis and insert the eight 4mm allen bolts and washers by hand insuring the threads are not cross threaded (**note you will have to use the washers or the bolts will be too long**)

20 using a 4mm allen wrench tighten the bolts until snug

NOTE: Be careful to not cross thread your bolts it is recommended to put them in by hand to insure they are going in properly. Also, you must use the provided washer to insure proper depth of the bolt into your ski! The Allen bolts on your skis should be checked prior to riding...failure to follow all of the above mounting instructions could cause separation from the SkiByk, failed inserts and will not be covered under warranty

Waxing and care of your skis:

Your Ski's have a sintered base that will need to be waxed prior to your first ride...if you are not capable of doing this, we recommend you take them to a ski and/or snowboard shop and have them waxed prior to installing on your SkiByk. If you do know how to wax your skis, it is easiest to do them while mounted to the SkiByk...simply turn your SkiByk over and get to waxing. For the best performance of your SkiByk Ski's it is best to wax them on a continual basis. Failure to maintain your SkiByk Ski's properly could result in injury to the rider and loss of warranty

Assembly Instructions continued:

Finally make sure to check and tighten if necessary, front 4 retention post Allen bolts and 4 fork thru axle allen bolt using a 5mm Allen wrench



Congrats...you have now assembled your SB100/SB200 SkiByk...stand back and admire your SB100/SB200, take a look at the clean lines, the overall look, the perfect geometry of the curve protecting your rear shock. If you have assembled the SkiByk in your family or living room like most of us have...stand on the pedals. How does the angle of the handlebar feel? Does the handlebar need to go forward or back? Is it at the right height for you? Remember you have the ability to adjust the ride and performance of the SB100/SB200 SkiByk to your liking by changing the angle of the bars and/or their height...experiment with this and we are confident you will find the perfect angle and height for you.

SB100/SB200 front retention system (FRS)

The FRS on the SB100/SB200 SkiByk is a critical component to the rideability and overall performance of the SkiByk. The Rubber Retention Straps provide a similar flex that ski boots and/or snowboard boots provide a rider. The basic concept...too stiff and the ski will not carve into a turn, too soft and the ski will not hold an edge. Snow conditions can play a role in the performance of the SkiByk as it does for skiers and snowboarders. We recommend that in addition to handlebar angle and height you configure the Retention Straps in one of the 2 recommended configurations until you find the one that works for your SkiByking style, your height, weight and the average snow conditions you will be using your SB100/SB200 SkiByk in. The overall purpose of the FRS is to insure the front ski maintains a consistent contact with the snow while riding and that the skis return to a neutral or +1-2 degrees up angle. In this section we will cover the 2 different ways the Rubber Retention Straps can be configured.

Configuration 1:

This is the configuration that your SkiByk came with from the factory. This is the set up to allow you to explore the entire mountain, drop in on steeper run and shred through the bumps...this will probably be the set up most Ski Bikers will use.



Configuration 2:

Stiffer retention...preferred by our more experienced riders. This will allow you to initiate hard carves, load the SkiByk up through turns and hold an edge. As your riding ability progresses and you find you need more edge control this will become your preferred set up!



NOTE SkiByk, LLC has provided these 2 configurations for the SB100/SB200 SkiByk based on our experiences and the countless feedback we received from many riders in all types of conditions, different heights, weights, ages, riding abilities and riding style. We, at SkiByk, LLC do not know your riding conditions, abilities, styles, height, weight and age so it is your responsibility to correctly choose the configuration of the FRS that will work for you. Any configurations outside of the recommendations can result in ski breakage, damage to your SkiByk and said damages will not be covered under warranty.

Warranty info:

The following items are covered under a 1 year warranty from time of purchase:

1. Skis
2. Frame
3. Front Shock
4. Rear shock
5. Front Retention Bracket
6. Rear retention bracket

All other items including but not limited to Handlebars, seat, seat post, pedals, bolts, quick release clamps will not be covered under this warranty or any warranty whether express and/or implied.

Warranty procedure

Document the warranty claim with photos and send to Chris@skibyk.com along with your name, serial number of the SkiByk, phone number and address. Once we have reviewed the claim we will make a determination on your claim and contact you directly.

If the claim is determined to be a manufacturer defect we will replace the part. You must ship us the warranted item (shipping not included) prior to us shipping your replacement part (ship included continental US only) If you have any questions please do not hesitate to reach out to us directly at Chris@skibyk.com .



“NO LIMITS”