



MONGOOSE[®]

ALL-TERRAIN BOARDS

Sold under exclusive license of BRUNSWICK corporation.

OWNERS MANUAL



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ALL-TERRAIN BOARDS

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ALL-TERRAIN BOARDS

Welcome To Your Board

Congratulations on your purchase of a MONGOOSE® ALL-TERRAIN BOARD.

MONGOOSE® ALL-TERRAIN BOARD Company welcomes you to the sport of All-terrain Boarding. Your MONGOOSE® ALL-TERRAIN BOARD is designed to ride wherever and whenever you want to. Please read your OWNERS MANUAL carefully and completely and in no time you'll be carving your MONGOOSE® ALL-TERRAIN BOARD down virtually any surface you can find. Please refer back to this OWNERS MANUAL frequently and continually practice your riding skills. MONGOOSE® ALL-TERRAIN BOARDS are designed for high performance riding. Ride up to your ability level and do push yourself to ride better, but please remember safety should always be your first priority.



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Safety Check For Your Board

Always perform this safety check on your board prior to and after riding it every time.

1. Check and tighten any loose hardware on your board.
2. Check for excessive wear on tires and grip tape. Replace when needed.
3. Check that your board's bindings hardware is tight and secure.
4. Check your boards springs and Urethane Spring Inserts should be in good condition and not compressed. Replace when they show signs of lack in rebound.
5. Check that your board is clean.
6. Check that your board's Trucks King Pin is thoroughly lubricated, check for squeaking and lubricate often.
7. Re-check that your all of your board's hardware is tight and secure. Be certain to check and re-check your wheel nuts for tightness and your Top Hat (spring retention clips) as they can loosen easily, tighten as needed.

ATB (All-Terrain Board) Riders Safety

Safety should always be your #1 concern. Ride safe / Ride smart / Have fun!

1. Always wear a helmet, protective eye wear, wrist-guards, leather gloves, elbow pads, knee pads, sturdy athletic shoes, long pants and long sleeves while riding.
2. Always use your board's Rider Retention Leash while riding ; make certain it is fastened snugly above your lead leg's knee pad.
3. Children who are riding must be adequately supervised by adults.
4. Always ride with extreme care, use caution at all times.
5. Always scout (survey) your terrain prior to attempting to ride it. Watch out for hidden obstacles or unseen dangers. Point out hidden dangers to others.
6. Always be aware of and respect all automobiles, cyclists and pedestrians. Be mindful of others especially cars.
7. Use lower tire pressure to slow your speed of descent.
8. Practice stopping techniques frequently. Make certain you know how to power-slide your board to a stop. Always practice your stopping technique.
9. When riding with others, always yield to the rider in front of you ; they have the right of way.
0. Never stop where you are not visible from above or obstruct a trail merger.
1. Observe and obey all posted signs. Only ride where permission is granted.
2. Always respect your environment, never litter and tread lightly to preserve nature.

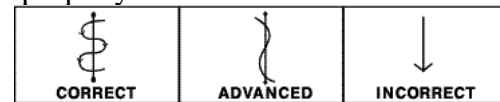


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RIDING TIPS

All riders should know how to stop before attempting to ride inclined slopes. Always be mindful of your boards tire pressure, lower tire pressure (softer tires) will keep your board rolling slower. Higher tire pressure (harder tires) will cause your board to roll faster. Adjust your boards tire pressure frequently in accordance with your ability, the pitch of slope and the type of surface your are riding. Softer tires are more forgiving and absorptive for riding on rougher terrain. Turn frequently while riding, this controls your speed. Never go straight down a hill without making any turns. NOTE: Never exceed your tires recommended tire inflation levels. Over inflated tires will wear out much faster than tires that are inflated properly.



BEGINNERS

1. Begin on flat surface. Practice mounting and skating your board.
2. Next, practice J-turns (see riders body position sheet)
3. Next, practice Linking turns.
4. Next, practice power-slides. Learn to power-slide to both your heel side and toe side.
5. Advance to slightly inclined terrain.
6. Use low tire pressure until you have mastered turning and stopping techniques.



STOPPING (Heel-Side Power-Slides)

To STOP! Bend your knees and reach down between your legs and grab your grab handle with your trailing arm. While applying pressure to your heel-side reach out with your lead arm away from you (like you are opening a door). Use your lead arm to guide you around to a screeching stop. Looking up and around over shoulder (view up your guide arm) will also help. The higher or lower you use your guide arm will determine how close your butt comes to the ground. Don't worry if you only turn back up hill without screeching to a stop, with practice it will come.

STOPPING (Toe-Side Power-Slides)

- Follow your Riders Body position sheet.
- This is an advanced stopping technique, which requires extra pressure applied to your toe side edge.
- Work on making tighter and tighter J-Turns on the toe-side, eventually so tight that your boards tail will slide out sideways.
- Bend your knees and place both your hands out over your toe-side edge.
- Load up 75% of your body weight on your front leg, this will allow the tail of your board to slide out easier.
- Use your lead shoulder and lead arm to drive through your slide.
- Practice this technique on grass or dirt before attempting on asphalt.

TURNING / BOARD FUNCTION

Follow your riders body positions sheet. Applying pressure to your toes and heels initiates your turns. Turn across the fall line and finish your turn a bit uphill before you commit to your next turn.



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RIDING TIPS

TIRE PRESSURE

Make sure you are always aware of your boards' tire pressure before riding. Your tires max at 50psi. You will choose your own tire pressure depending on your ability level and terrain selection. Lower tire pressure means safer and slower descents.

NOTE: Never exceed your tires recommended tire inflation levels.

5-15 psi (Beginners) 15-30 psi (Intermediate) 30-50 psi (Advanced)

LEASH TRAINING

For riders with no previous board riding experience the MONGOOSE® ALL-TERRAIN BOARD'S Coiled Retention Leash can be used as a training tool. Attach the leash to the rear of the riders board. Have a spotter (friend) hold the leash and walk / jog behind the rider while holding the leash to control the riders speed going downhill. This is an excellent technique to use to help build confidence until the rider learns to control their speed through proper use of linked turns.

The leash can also be used to tow your board while hiking uphill rather than carrying it ; this will save your energy for more riding.

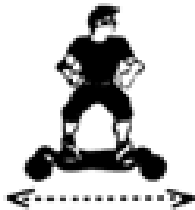




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Riders Body Positions

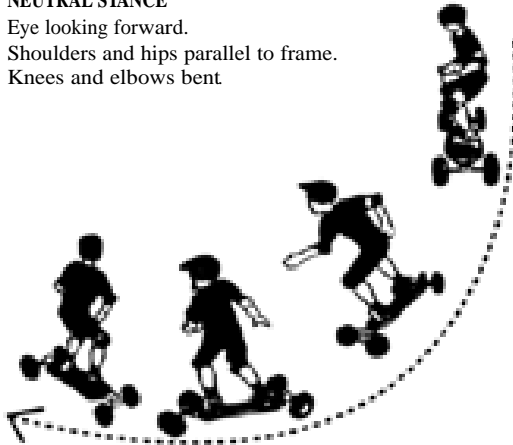
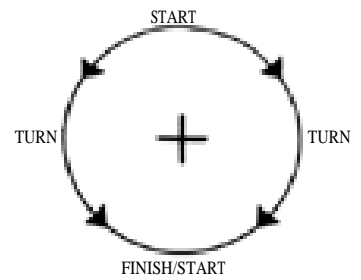


NEUTRAL STANCE

Eye looking forward.
Shoulders and hips parallel to frame.
Knees and elbows bent.



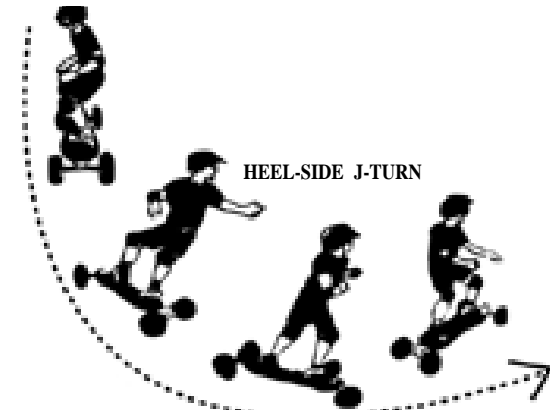
SKATING AND MOUNTING REGULAR



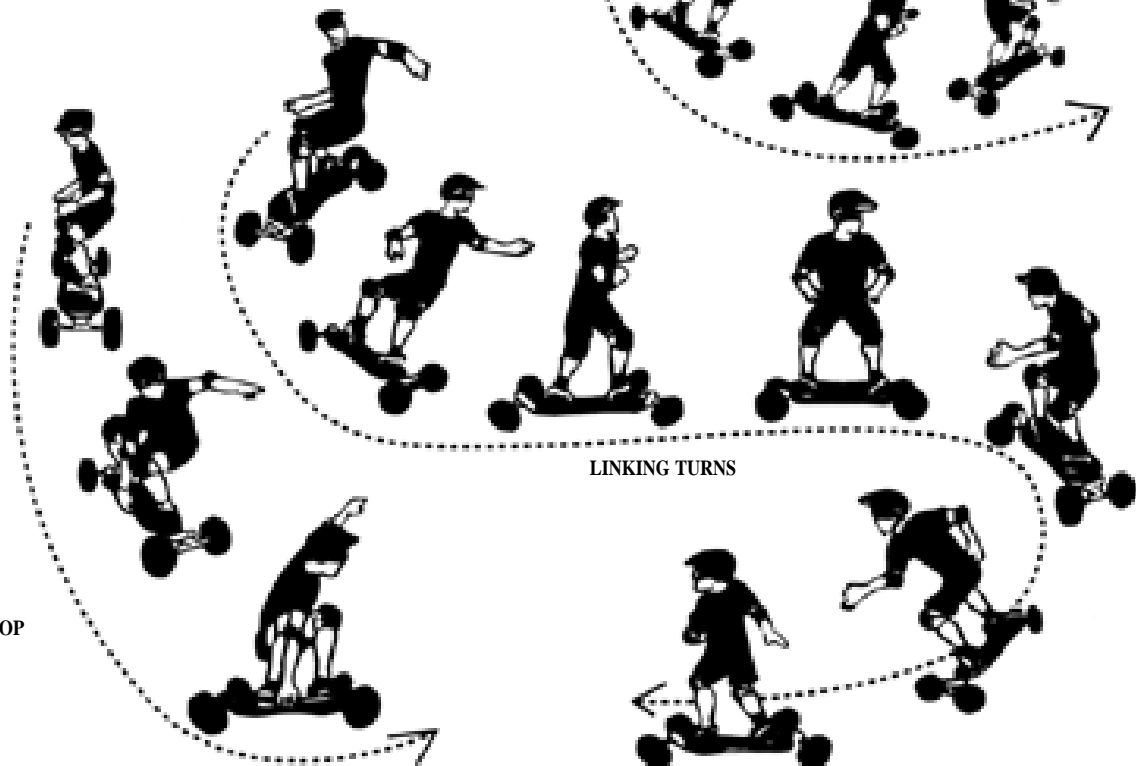
TOE-SIDE J-TURN / TOE-SIDE POWER-SLIDE



SKATING AND MOUNTING MONGO



HEEL-SIDE J-TURN



LINKING TURNS

HEEL-SIDE POWER-SLIDE STOP



Bindings

Your boards bindings are height adjustable, always adjust them properly to your foot's size. Make certain that your bindings fit snug but still allow easy in / out access.

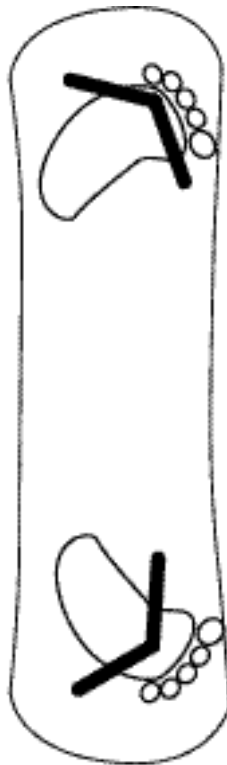
Mounting Frame Boards

When drilling the holes to mount your board's bindings, turn your board over, mark your placement of the holes for drilling as if this were the top of the board and then drill from the bottom ; This prevents splintering of the boards bottom graphics.

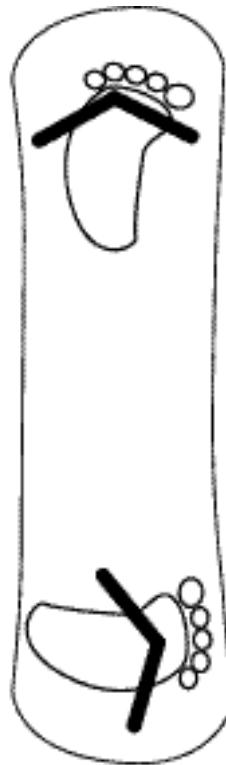
Stance Options



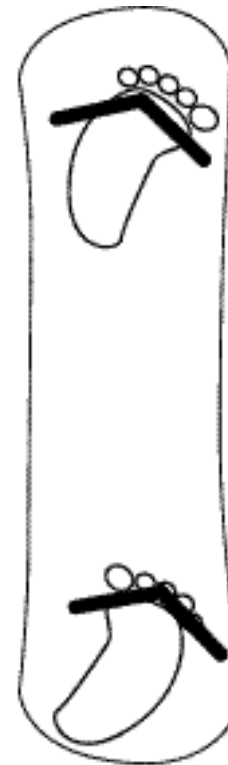
BEGINNER



FREESTYLE



FREECARVE



ALPINE

NOTE:

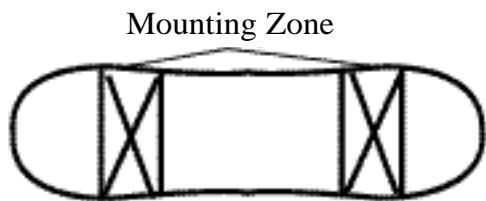
1. Stand on your board with a centered stance. Adjust your feet to your stance preference. Mark the areas and you are ready to drill.
2. When drilling, make sure to account for the frame and deck supports underneath. Stay at least 3/4 of an inch from the edge of deck.
3. Adjust the height of your bindings for increased comfort and performance.
4. Stance: See stance option for suggestions or custom fit to your own stance.



Mounting UniCamb/LiteCamb Boards

When drilling the holes to mount your board's bindings, turn your board over, mark your placement of the holes for drilling as if this were the top of the board and then drill from the bottom ; This prevents splintering of the boards bottom graphics.

1. When mounting UNICAMB / LITECAMB BOARDS drill holes in Mounting Zone (see diagram)
2. Drill using a 3/8" bit and router the hole slightly for insertion of T-Nut insert.
3. Gently tap T-Nut insert into 3/8" routered hole with hammer on bottom of board till flush with boards base.
4. Screw free flex binding post into T-Nut insert on top of board.
5. To adjust free flex binding height turn nuts on binding posts.
6. Adjust free flex binding posts so that the threaded post is flush with the T-nut base.



Mount on flat area
of deck only



NOTE:

1. Stand on your board with a centered stance. Adjust your feet to your stance preference. Mark the areas and you are ready to drill.
2. When drilling, make sure to account for the frame and deck supports underneath. Stay at least 3/4 of an inch from the edge of deck.
3. Adjust the height of your bindings for increased comfort and performance.
4. Stance: See stance option for suggestions or custom fit to your own stance.

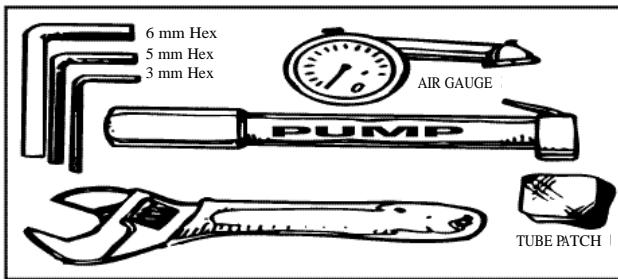


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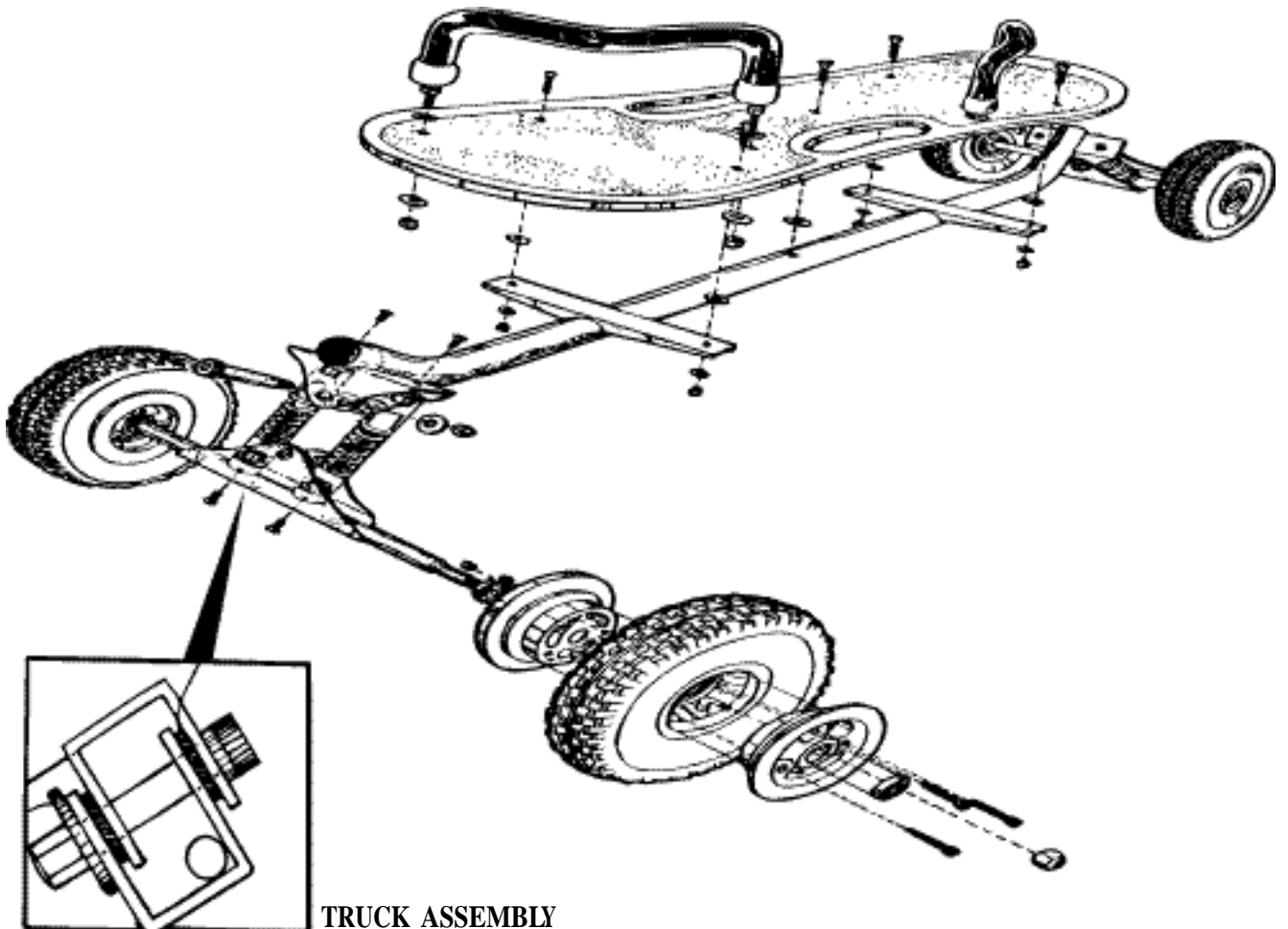
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Maintenance

1. Check and tighten any loose hardware on your board.
2. Check for excessive wear on tires and grip tape. Replace when needed.
3. Check that your bindings are tight and secure.
4. Springs and urethane spring inserts should be replaced every 6 months to a year.
5. Always keep your board clean. A hose will do. Let it dry in the sun or use a towel.



RECOMMENDED TOOLS



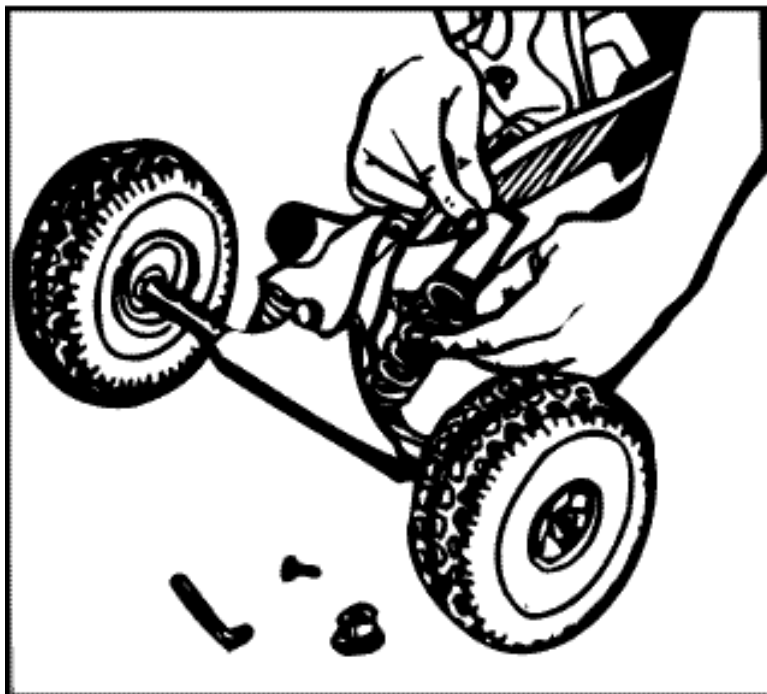


Urethane Shock Insert Replacement

Your MONGOOSE® ALL-TERRAIN BOARD comes with 4 urethane spring shock inserts. The inserts are placed inside the springs to act as a dampening effect in your toe and heel-side turns. These inserts are mainly used for off road riding, stable landing of freestyle airs and riders over 200 pounds.

INSERTING AND REMOVING URETHANE SPRING INSERTS

1. Remove hex screw on the top truck with hex key from your tool kit. (for UNICAMB, the top truck rests beneath the wood deck)
 2. On the opposite side from the screw you have removed, push down on the deck to open the truck area where urethane insert is to be placed. (be sure to cover this area with your hand so spring does not shoot out possibly losing spring or injuring yourself) See Illustration.
 3. Next, Place urethane insert into the spring followed by the spring retainer (the spring retainer is also referred to as a tophat)
 4. Next, release the pressure you have applied to the opposite side of deck and line up the spring retainer with top truck hole. (UNICAMB line up hole in the deck)
 5. Repeat this procedure for the remaining inserts desired to be used for dampening your suspension.
- This procedure is simple and should not take more than 15 minutes to insert or remove all 4 urethane shock inserts.





Slalom 132cm With Drum Brake

If you have purchased a SLALOM 132 cm W / Brake you should pay close attention to this section. Your SLALOM 132 cm W / Brake is equipped with a Drum Brake attached to a post mounted on your boards rear axle and is meant to be used as an aid in stopping and controlling your speed.

DO NOT RELY SOLELY ON YOUR BOARD'S BRAKE TO STOP OR CONTROL YOUR SPEED. YOUR BOARD'S SPEED IS CONTROLLED THROUGH TIRE PRESSURE AND TURNING. THE BRAKE IS INTENDED AS AN AID ONLY AND IS NOT INTENDED TO BE USED AS YOUR ONLY METHOD TO CONTROL YOUR SPEED OR STOP YOUR BOARD.

RIDING TECHNIQUE

- 1. MOUNTING AND SKATING:** Activate the brake while stepping onto your board to keep the board from rolling.
- 2. LINKING TURNS:** It is best to continually practice carving turns when using the brake. Never go straight without making any turns.
- 3. ACTIVATING BRAKE WHILE RIDING:** When riding with brake apply gradual pressure to control your speed. Do not jam on brake suddenly. On steeper inclines be sure to combine more turning with use of the brake to control your speed.

STOPPING WITH BRAKE

- 1.** Follow your Riders Position Sheet. Learn to control your speed through linked turns. First learn to execute a J-turn, advance your stopping technique to Power-slides.
- 2.** When using brake to assist in stopping, apply pressure on brake trigger gradually, slightly bend your knees and shift your weight back to your back leg to absorb your stopping momentum.
- 3.** For the more advanced Power-slide stop heel-side and toe-side, apply immediate strong pressure when initiating your Power-slide stop



SAFETY TIPS

- Always check your brake tension before riding. Always check your brake's mounting bracket, make certain it's tightly fastened.
- Stopping with your brake in wet, dusty and dirty riding conditions will require greater stopping distances. Activate brake frequently to assist in drying mechanism and to check stopping strength.



Brake Adjustment

Please follow brake system diagram when reviewing procedures.

CABLE AND DRUM BAND ADJUSTMENT

There are two ways to tighten or loosen the tension / stopping power on your board's brake system.

1. Adjust the brake cable.
2. Adjust the drum band.

ADJUSTING THE BRAKE CABLE

- The first and main adjustment to tighten or loosen your brake is made by turning the Ridge Head Bolt. The Ridge Head Bolt runs through the 1st bracket attached to the end of the mounting post for the brake housing. Turning the Ridge Head Bolt counter clockwise tightens the brake cable to increase stopping power. Turning the Ridge Head Bolt clockwise loosens the tension of the cable.

RIDGE HEAD BOLT

- First, loosen the nut on the Ridge Head Bolt all the way to the (top) Ridge Head. Now you are ready to adjust the Ridge Head Bolt.

TIGHTENING: Turn the Ridge Head Bolt counter clockwise to tighten the brake cable and drum band tension.

LOOSENING: Turn the Ridge Head Bolt clockwise to loosen the brake cable and drum band tension.

- Once desired brake system tension is made, tighten the adjuster nut all the way back to the mounting bracket to a snug fit.

L LEVER AND CABLE

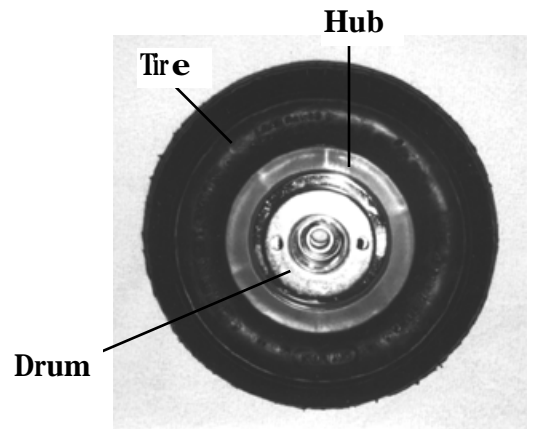
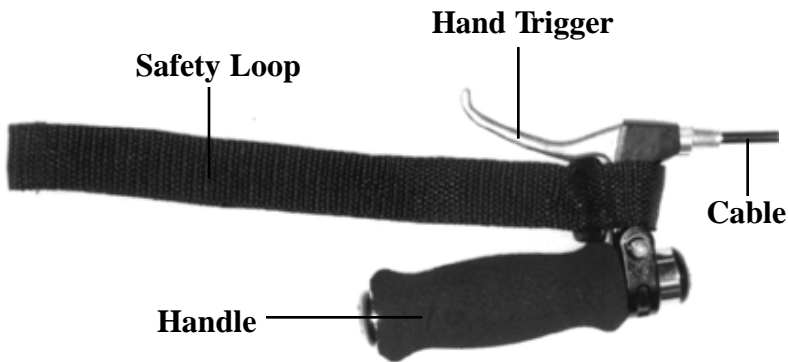
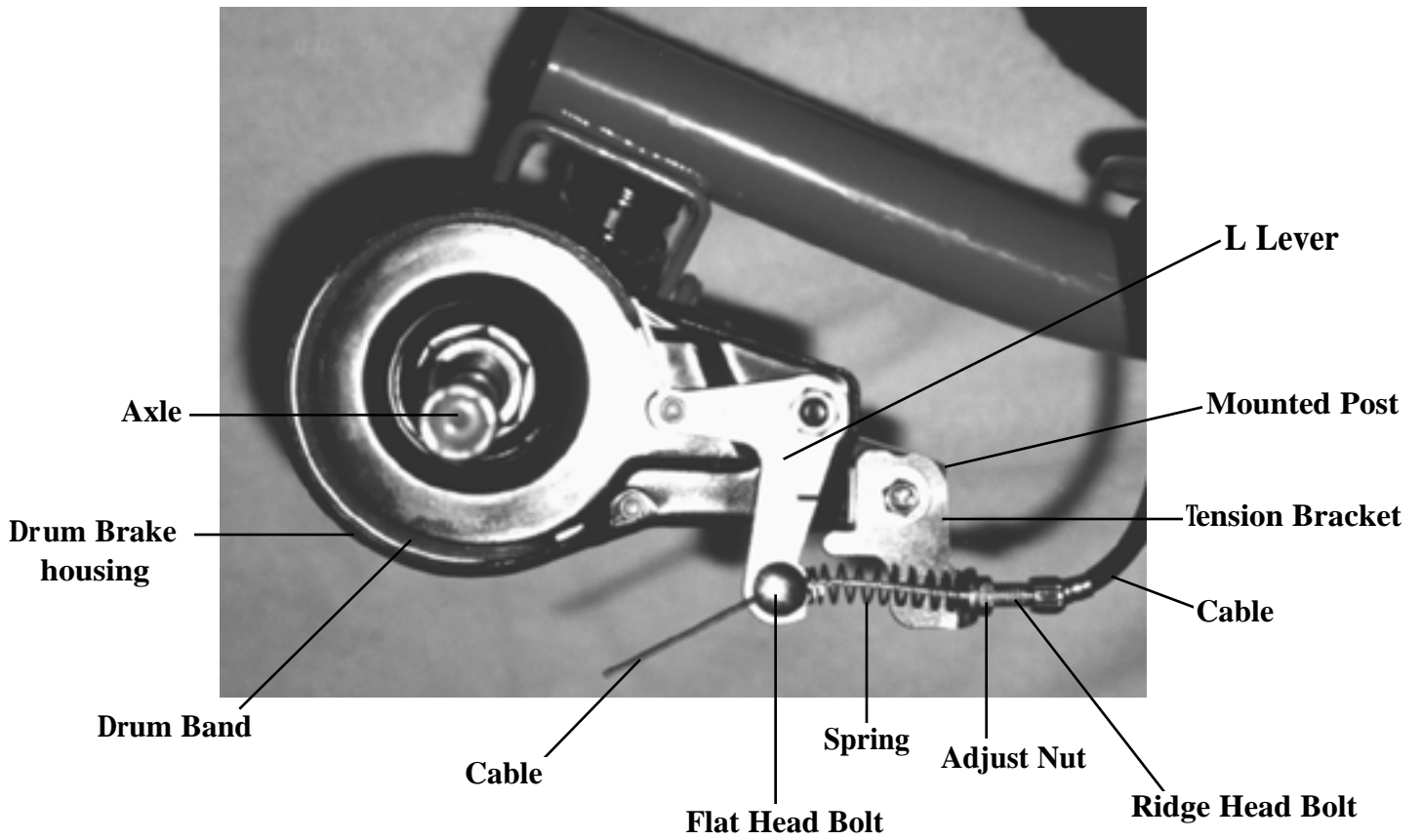
- Where brake cable is attached to L Lever, loosen the Flat Head Bolt. Once loose hold brake cable with one hand and push the L Lever towards brake tension bracket. (this adjustment tightens the drum band directly so be sure not to tighten too much restricting wheel motion)
- Once desired tension is made tighten the nut on Flat Head Bolt.

MAINTENANCE

1. Clean out all dust, dirt and moisture inside the brake housing.
2. Lubricate components of your brake regularly.
3. Check drum band for excessive wear. Replace when worn.
4. Remember, always check your brake's tension before riding.
5. Always check your brake's mounting bracket to ensure it's tightly fastened to the mounting post.



Brake System Diagram





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Jr. LiteCamb 94cm/LiteCamb 117cm

The Junior LiteCamb and LiteCamb models use traditional Skateboard Trucks. Your board truck's tension is controlled by tightening or loosening the nut on your truck Hanger's King Pin. Use your skate tool to tighten or loosen the nut on your truck to desired tension. Jr. LiteCamb and LiteCamb models come with Canted Riser Pads. Your boards Canted Riser Pads are designed to optimize your truck geometry and give your board increased ground clearance.

NOTE: The trucks on Jr. LiteCamb and LiteCamb models do not have the same turning radius as the channel trucks found on all other MONGOOSE® ATB's. Channel trucks are stronger and provide tighter turning radius.



Hyline All-Terrain Board Company

Release of Liability Waiver

Please initial at the bottom of each paragraph

By signing this document I agree to waive certain legal rights, including the right to sue HYLINE ALL-TERRAIN BOARD COMPANY and it's REPRESENTATIVES., The retail shop (retailers), rental agents, their owners, officers, directors, agents, employees and representatives.

X _____

I freely assume the risk. I am aware that riding a HYLINE ALL-TERRAIN BOARD involves certain inherent risks, dangers and hazards which can result in personal injury or death. I hereby freely agree to assume and accept any and all known and unknown risks of injury or death while using this equipment.

X _____

I agree to release and waive any and all claims that I may have in the future against HYLINE ALL-TERRAIN BOARD COMPANY, the retailer, renter or demo agent.

X _____

I agree to release HYLINE ALL-TERRAIN BOARD COMPANY and retailer, renter or demo agent from any and all liability for loss, damage, injury, or expense that I may suffer, or that my next of kin may suffer as a result of the use of the equipment described in this agreement, due to any cause whatsoever, including negligence or breach of contract on the part of HYLINE ALL-TERRAIN BOARD COMPANY and the retailer, renter, demo agents in the design, manufacture, sale selection, installation, maintenance or adjustment of the equipment.

X _____

I agree to the binding effect of this agreement. In the event of my death or incapacity this agreement shall be effective and binding upon my heirs, next of kin, executors, administrators, assigns and representatives.

X _____

I Have read and understand this agreement and I am aware that by signing this agreement I am waiving certain legal rights including the right to sue HYLINE ALL-TERRAIN BOARD COMPANY, the retail shop (retailers), rental agents and demo agents.

X _____

LAST NAME _____ FIRST NAME _____ MIDDLE INITIAL _____ DOB _____

ADDRESS _____ CITY _____ STATE, PROVINCE _____ ZIP CODE _____

SOCIAL SECURITY # _____ DRIVERS LICENSE # _____

SIGNATURE OF USER OF EQUIPMENT _____

SIGNATURE OF PARENT OR GUARDIAN IF USER IS UNDER THE AGE OF MAJORITY _____

RETAILER, OR DEMO AGENT NAME AND ADDRESS _____



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Warranty

Your **MONGOOSE® ALL-TERRAIN BOARD** is warranted against manufactures defects for 90 days from date of purchase. The warranty excludes the following components - Deck, Tires and Springs of your board. All warranty claims must be presented with a dated proof of purchase.

Contact #714-526-5226 with all warranty claims. It is your financial responsibility to ship your board to HYLINE for repair or replacement under warranty. We agree to repair, replace your board at our sole discretion. Modifications and or alterations to your board will void your warranty.



NAME _____ ADDRESS _____
CITY _____ STATE _____
ZIP CODE _____
STORE PURCHASED _____ DATE PURCHASED _____
PHONE _____ FAX _____ E-MAIL _____

JUNIOR LITECAMB 94CM LITECAMB 117CM UNICAMB 117CM JUNIOR 117CM
SLALOM 132CM SLALOM 132 W / BRAKE GIANT SLALOM 152CM

Send to HYLINE ALL-TERRAIN BOARD COMPANY
1006#A E.Raymond Way Anaheim, CA 92801
TEL: 714-526-5226 FAX: 714-526-3031

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