




# **BikeCushion**

Made in the USA  
Patent US 7,648,198 B1

*BikeCushion.com, LLC*

**For Motorcycles and other Vehicles**  



- \* Reduce pain and fatigue by distributing weight and absorbing shock.
- \* Adjust the amount of air in 3 separate chambers for a custom fit.
- \* Design allows air to flow underneath for a dry and cool seat.
- \* Thick long lasting polyurethane bladder with a **3 year warranty.**
- \* Raises you little from your seat.
- \* Adapts to the different pelvis structures of Women and Men.

**Package includes:** One of either a 13" or 15" wide by 14" long, men's or women's *BikeCushion*.

- USA made urethane makes *BikeCushion* tough and never loses performance.
- 3/4" wide straps and buckles can mount *BikeCushion* on most

motorbikes.

- Foam base grips cushion to seat and positions the urethane in place to couple with pelvis.
- Cover is made with nylon spandex® top and nylon sides.
- Inflation needle; stainless steel 1/2" long dispensing needle, 14 gauge.



33cm/13" Wide WOMEN'S  
38cm/15" Wide MEN'S

33cm/13" Wide MEN'S

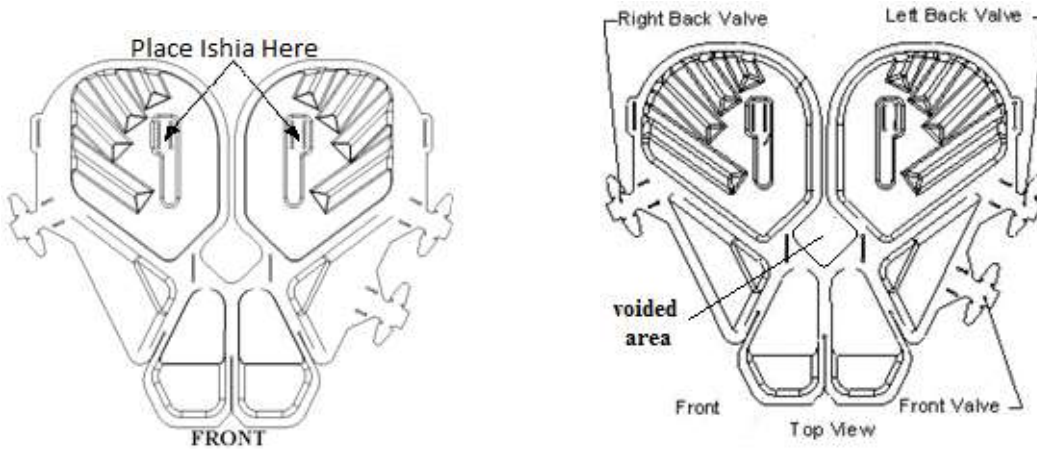
38cm/15" Wide WOMEN'S

The cushion has been inflated generically so you will have to adjust it to yourself. Add or delete air to position the bony prominence from just above bottoming out on the foam base. By sitting on your hands you can feel these bones called the Ischia. Be sure to put these bones on top of the back strap you mount the cushion with. When sitting

correctly the cushion will have a high interface with you and not raise you very much. Too much air will be unstable and not relieve the pain. *BikeCushion* employs three separate inflatable zones for your bones. Proper inflation of the 2 back chambers makes the cushion envelope you distributing weight and absorb shock. The front section, the four air interconnecting cells are inflated for personal positioning preference.

**Directions:**

**1) Position the pad to your seat** with the cover off. Match the landmarks of the cushion to yourself and the way you normally sit on your bike. Use the voided area of the cushion as a landmark for your crotch and the 2 indentations at the back for your sitting bones the Ischia. **Do not sit on the voided area.**

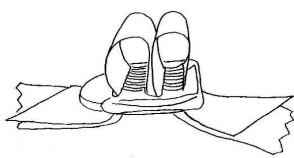


13" wide

3 Chambered Air Bladder

15" wide

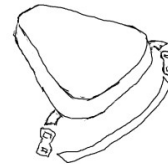
**2) Secure the cushion down to your seat** using the provided straps. Strap down the cushion so it stays in place when mounting and dismounting from your seat.



Optional



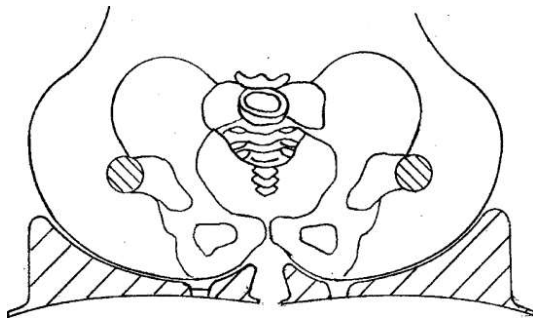
13"wide



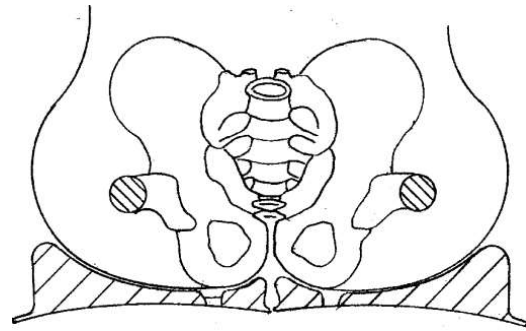
15"wide

Use the short strap with the pictured optional buckles to loop the front of the 15" wide cushion but generally it's not needed. The 13" wide cushions may need to extend either front or back strap.

**3) Verify that the back sections are inflated correctly** by sitting on the cushion and feel with your hand the space between you and the seat. Be sure you are close to bottoming out. You can also have someone look from a side view and see how deep you are within the cushion.



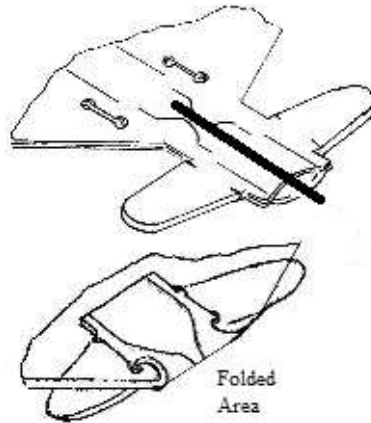
Famale Pelvis



Male Pelvis

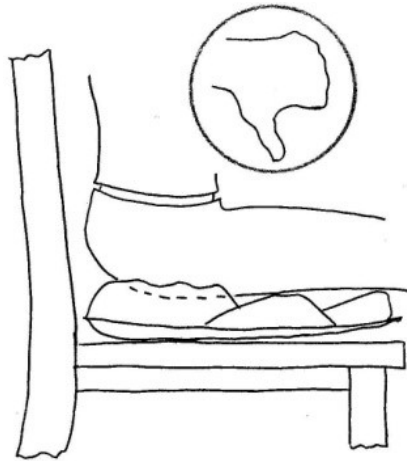
The bones that you sit on, the ischias should be resting in the back 2 indentations of the cushion where the back strap is woven through. *BikeCushion* provides these 2 indentations to be either 6" apart for women or 5" apart for men. A plus or minus 1/2" is designed into the indentatios to better couple different pelvis structures.

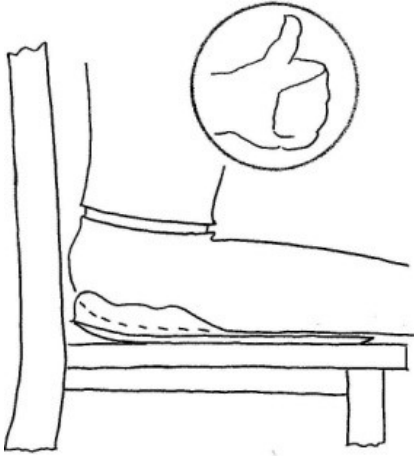
**4) To add or delete air** use the on board inflation needle than use your breath to add or squeeze out air to delete air. Pull the valve tabs out one at a time then unfold the valve flat. Insert the needle until it passes the folded area of the valve. Add or delete air in small increments until the right amount of air is achieved. Close the valve by slipping one tab at a time through the tab slot. Grab the tab on the other side then pull until it clicks in place. Proceed with the other tabs. If the inflation needle has been lost, a toothpick can be used instead by placing one end just pass the folding area of the valve allowing air to flow around.



**5) When done** place the inflation needle back in the place where it was found. Put the cover back on and go for a ride. You may have to readjust after your first ride. Once satisfied readjustment is infrequent.

The urethane bladder is strapped on to a 1/4 inch polyethylene base with a non-skid bottom. The cover is made of 80 percent Nylon and 20 percent Lycra with Nylon sides, wash in cold water and drip dry. The weight limit is 650 pounds.





Too much

air will not work.

Correct inflation will have high contact with you.

### **DO NOT OVER INFLATE**

**Warranty** *BikeCushion* provides a limited three year warranty on the polyurethane bladder that includes any manufacturing defects.

#### **Dear Customer:**

Thank you for purchasing a *BikeCushion*. We hope the cushion serves you for many years. Contact *BikeCushion* if you have any questions about setting it up.

*BikeCushion* is the only cushion that adapts to the different pelvic structures of men and women. The pad absorbs knobby bones and cradles them in a suspension of air. This arrangement distributes your weight to allow blood to circulate within the high pressure points that you sit on. It's the lack of blood flow that makes riding painful resulting in less time on the bike.

Remember, the cushion works best with the least amount of air in it. The working pressure with a rider sitting on the cushion is around a  $\frac{1}{2}$  psi or less. To make the cushion comfortable, fill or delete air in small increments until your bones are just above bottoming out. For best results, the cushion should only raise you no more than a  $\frac{1}{4}$  of an inch above the seat.

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