ROCK THE BIKE

Fender Blender Universale
User Manual
Fall 2014

Congratulations! You're about to pedal the world's finest bike-powered blender. You're probably excited to make your first beverage, so gather some ingredients, and then please follow these instructions closely to get a safe, effective installation. You'll be blending in no time!

Cranking out smoothies is just the beginning of the Fender Blender experience. It really gets interesting when you get out into your community and share your creations: quenching thirst at farmer's markets and festivals, teaching kids the principles of nutrition and physics at schools and camps, raising funds for a local organization, starting conversations that generate prospects for your business, and bringing some positivity to the local environmental movement.

The first step, if you haven't done so already, is to make sure your bicycle is a good candidate for blending; please visit http://rockthebike.com/what-makes-an-ideal-bike-for-blending Then you can follow he instructions in this manual and you should be setup in under an hour.

Stationary stands also available.
For information, please contact:
customerservice@rockthebike.com

Fender Blender™
by
ROCK THE BIKE

www.rockthebike.com
888-354-BIKE
info@rockthebike.com

CONTENTS OF KIT:

a. bicycle rear rack (1)
b. blender drive (1)
c. pitcher (1)
d. slotted brackets (2)
long slotted brackets (2)
e. flat brackets (2)
f. m6 nuts (6)
g. 5 mm bolts (2)
h. long 6 mm bolts (2)
i. short 6 mm bolts (4)
j. pannier loops (2)

You will need: 1. an adjustable wrench or 10mm crescent or socket wrench
2. 4 & 5 mm allen keys
3. a tape measure or ruler
4. a phillips head screwdriver

1.


2.


3.


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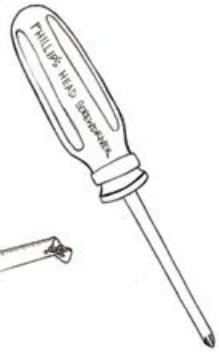

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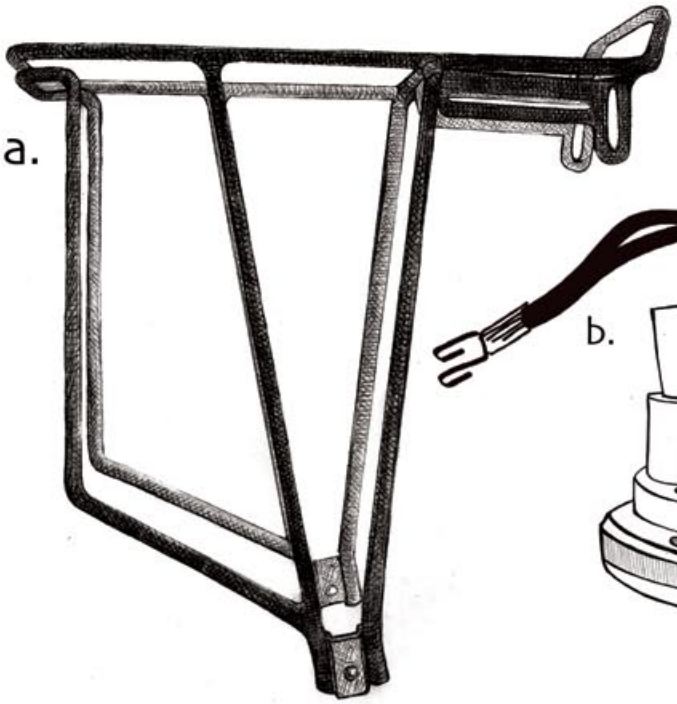

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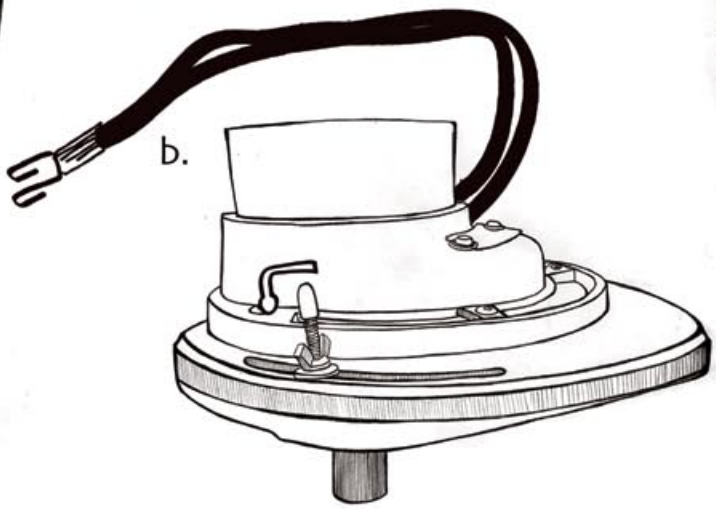

c.


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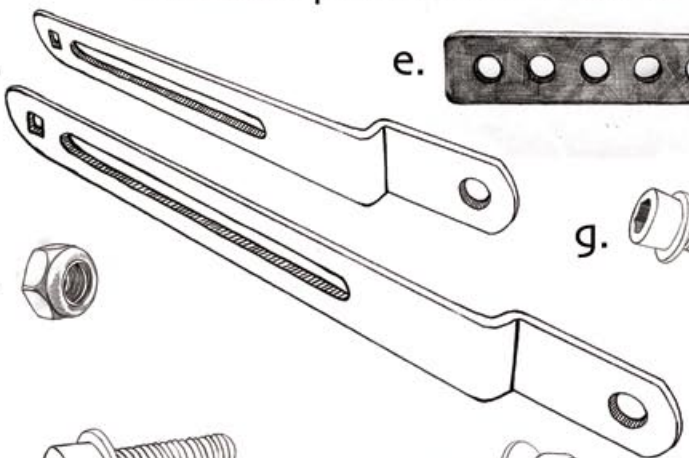

e.


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g.


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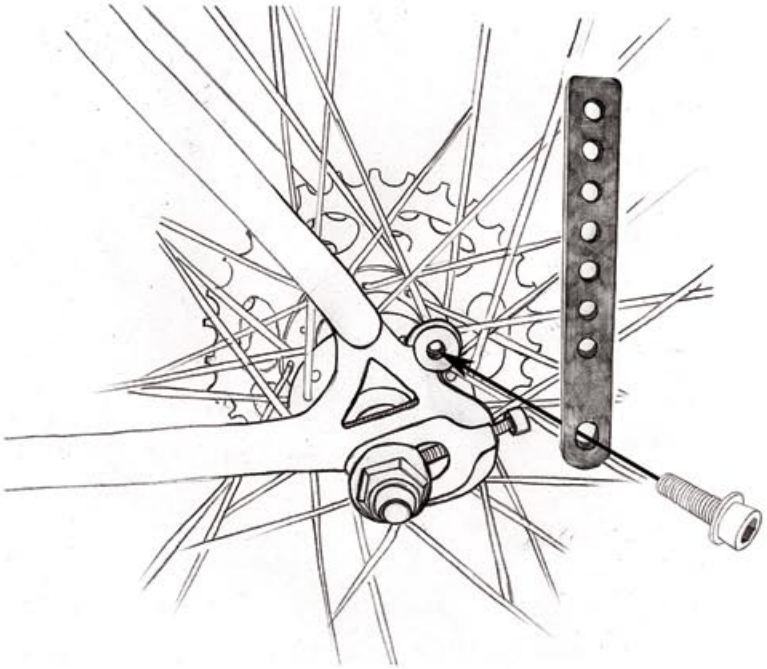
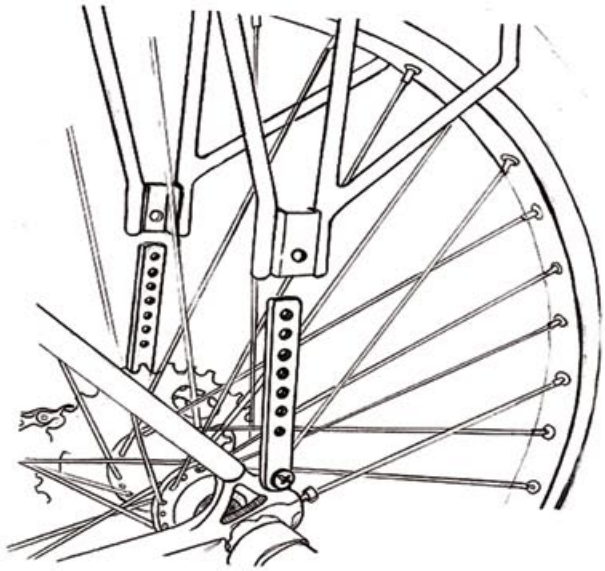
You may need to purchase p-clamps, and appropriate bolts and lock nuts, if your bicycle does not have braze-ons or mounting holes. See step 1 for details.

Step 1: Find the rack mount braze-ons on your bicycle frame. One pair near the center of the wheel, and one pair below the seat. If you do not see any, your frame may not have them but a simple solution is to use P-clamps around the frame tubes, found at your local hardware store or bicycle shop.

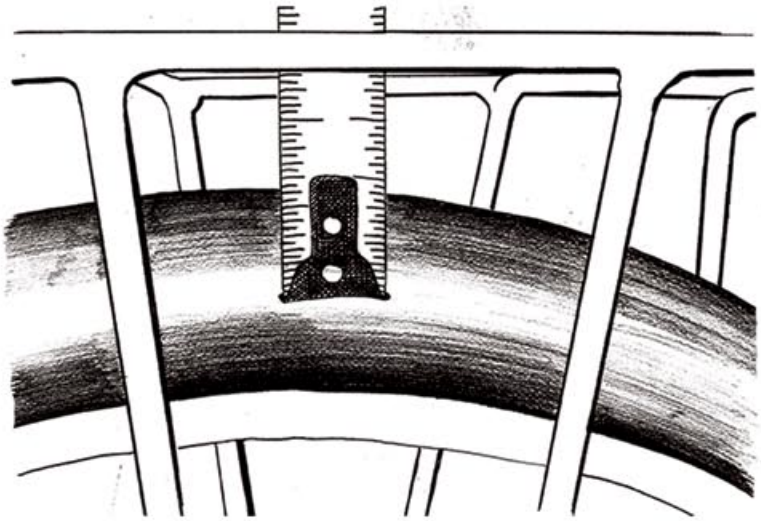
Step 2: Use 5mm bolts to firmly attach the flat brackets to the frame near the center of the wheel, on both sides of the bicycle. The brackets should stick straight up.



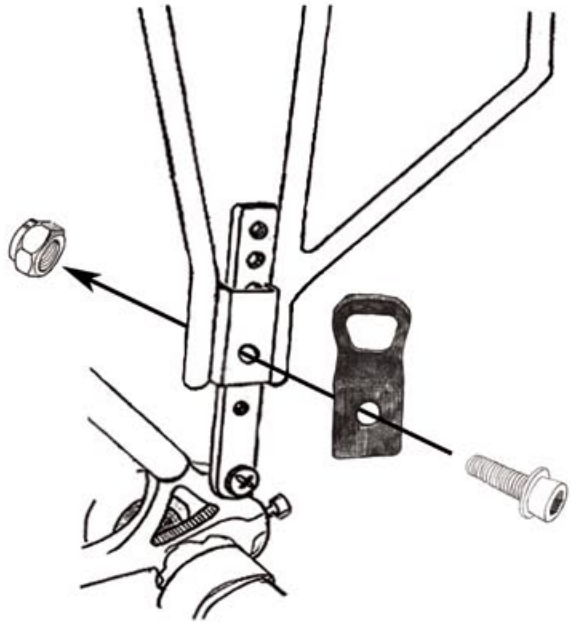
Step 3: Slide the rack legs over the flat brackets. It may be necessary to spread the rack legs to fit.



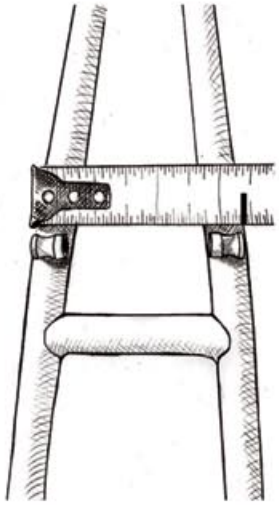
Step 4: Move the rack up and down so the distance from the widest part of your tire to the bottom of the rack is 1" to 2" (25 to 50mm) and parallel to the ground.

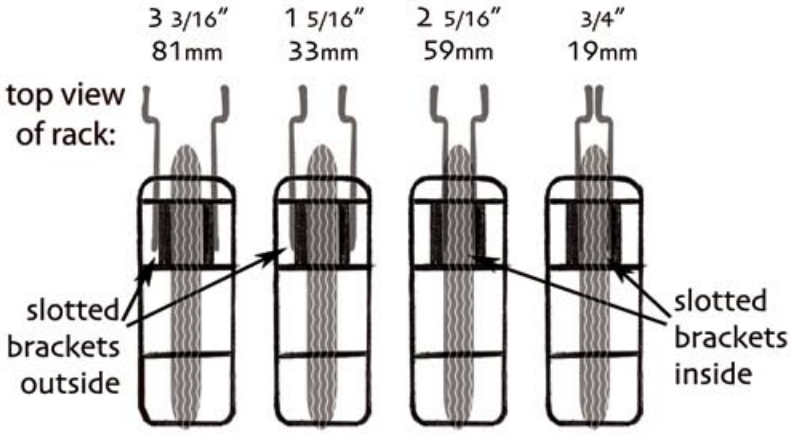


Step 5: Using a nut and a long 6mm bolt, connect the pannier loop, rack leg and flat bracket. Repeat the process on the opposite side

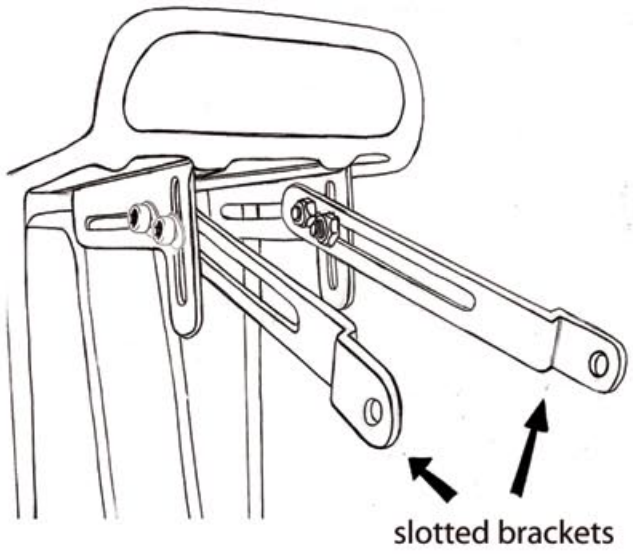


Step 6: On the braze-ons below the seat, measure the distance from threaded hole to threaded hole. From the four options below, select the span closest to the distance you measured. This will give you the orientation of the slotted brackets that best fits your bike.

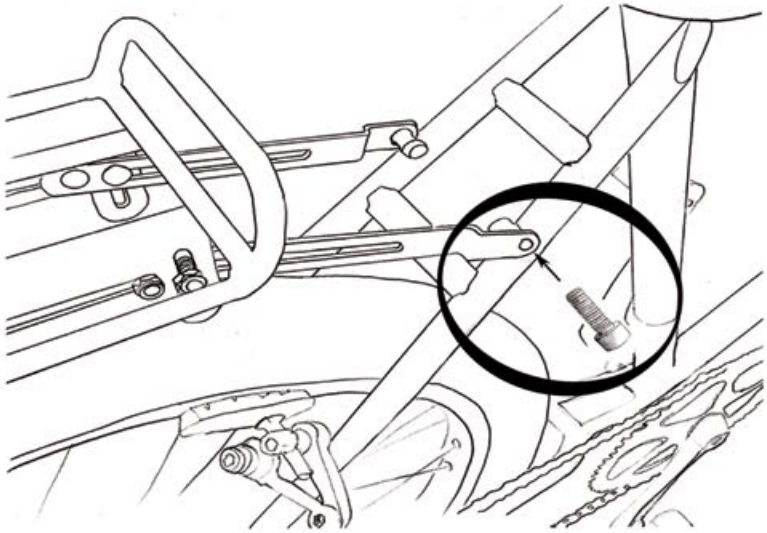




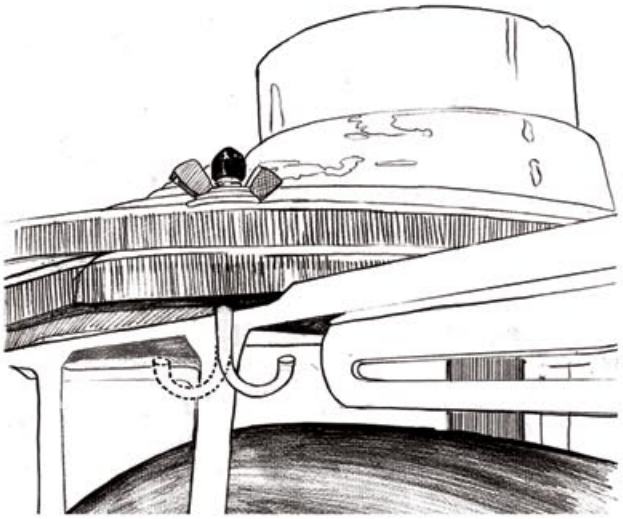
Step 7: Select either the regular or long slotted brackets, whichever is long enough to reach from the rack to the bike while the rack is horizontal. Tip: long brackets can help with smaller bikes. Attach the slotted brackets to the rack using the shorter 6mm bolts and lock nuts. Make them finger tight.

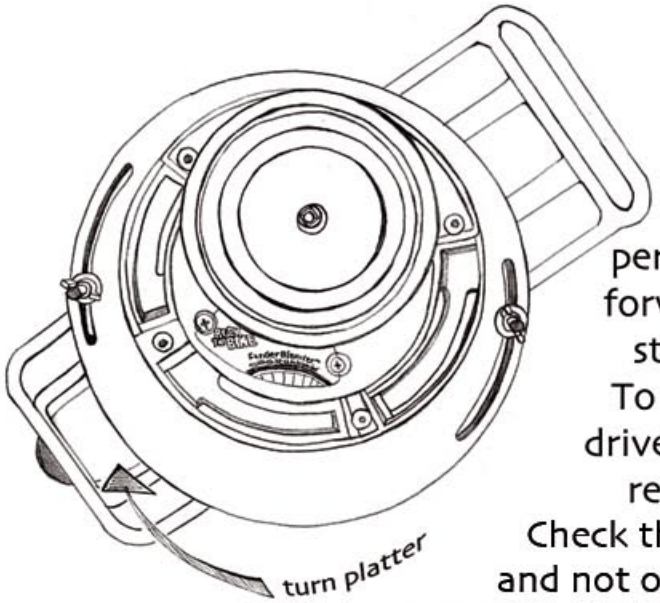


Step 8: Attach the slotted brackets to the bike frame using allen bolts. Often bicycles come with these bolts. If yours does not, you can find them at a hardware store. They are usually metric 5 x16mm bolts. To complete your installation, tighten all loose bolts and nuts



Step 9: Place the blender drive on the rack, so the groove in the bottom platter nests on the rack and the **blender roller is on the left side of the bicycle.** If necessary, unscrew the wing nuts and rotate the j-hooks so they are under the rack. While holding the hooks in place turn the wing nuts on the top to raise the hooks to loosely grasp the rack.





Step 10: *IMPORTANT* Position the roller directly over ther center of the wheel, so it is perpendicular to the tire, by sliding the blender drive forward or backward on the rack - failure to take this step causes premature wearing of the tire side wall. To engage the roller with the tire, rotate the blender drive clockwise. Seek the smallest amount of pressure required to keep the roller from slipping on the tire. Check that the roller is rubbing on the side wall of the tire and not on the metal of the wheel - if it does rub, check the inflation, raise the rack, or install a wider tire. Now you're ready!

Troubleshooting Tips

If your blender blades are not starting, even though you're pedaling, try the following:

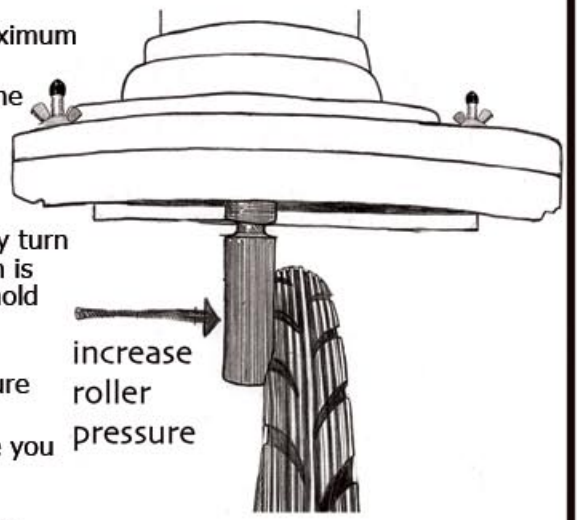
a) Tire pressure should be 65 psi or the maximum rated pressure for your tire.

b) Increase the contact pressure between the blender roller and the tire. Loosen the wing nuts a couple turns, rotate the blender assembly clockwise (pictured right). Re-tighten the wing nuts.

c) Pinch the roller with one hand, and slowly turn the wheel with the other hand. Good traction is achieved when it's difficult or impossible to hold onto the roller axle.

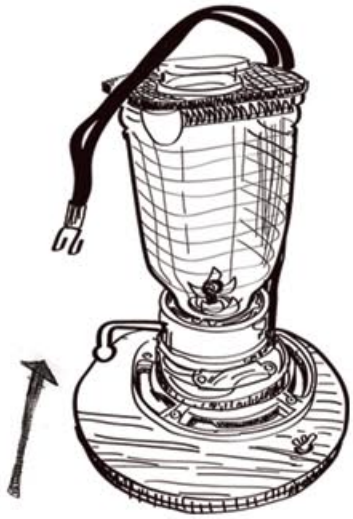
d) Check your bearing assembly's drive and blender pitcher's blades (see Page 6) to ensure they haven't been worn round.

e) If you've had the bike blender for a while you may need a new bearing pair.



If your pitcher feels loose in the blender drive:

a) Make sure there is a friction gasket installed and that your splash plate is facing the correct direction, grooved side up (see Page 6).



The retention strap connects to the hook and holds the pitcher in place while pedaling.

CLEAN UP & DISASSEMBLY

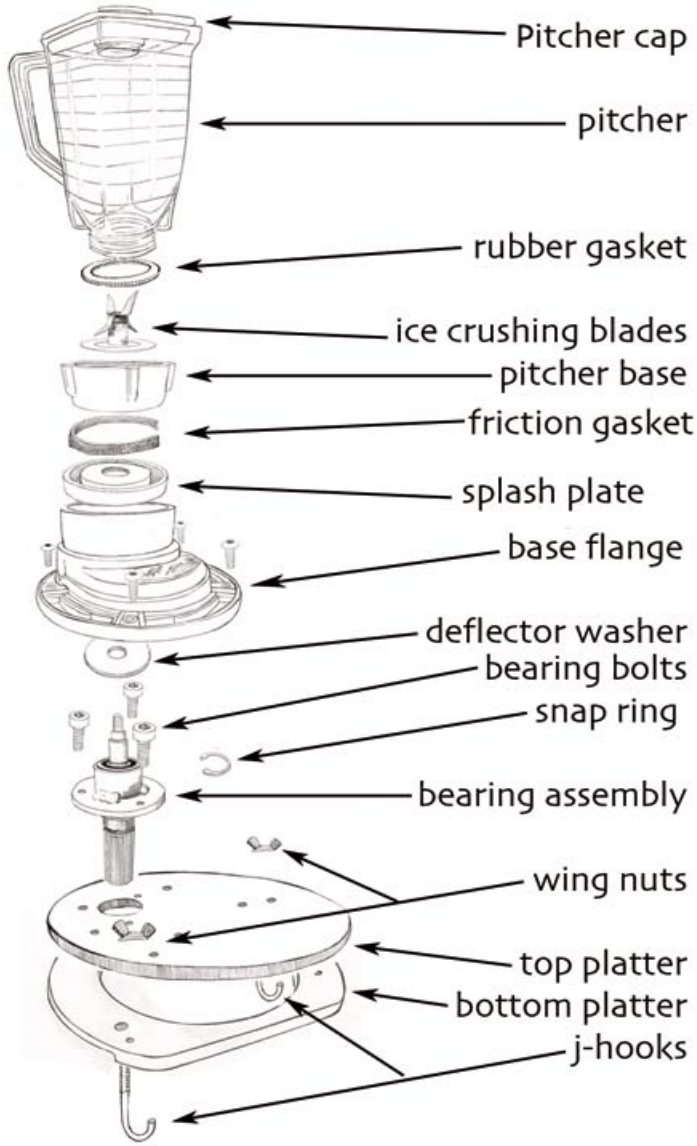
1. Disassembly of an Oster-compatible blender pitcher:
Unscrew the pitcher from the pitcher base to expose the rubber gasket and blade mechanism.

Disassembly of your blender drive:
Use a 3mm allen key to remove the four bolts around the base flange, and the three bearing bolts.
There is no need to dissemble the bearing assembly or the base platters for clean-up.

2. Cleaning your blender:
The blender pitcher parts and plastic parts of the blender base are dishwasher safe or can be hand washed with non-abrasive soap. Do not put screws, bolts or other metal parts in dishwasher.

3. Bearing Assembly disassembly:
Using a small flat head screwdriver, remove the snap ring (gold colored c-shaped ring) from the roller shaft. Slide the roller axle out of the bearing assembly. Push the bearings out of the shell with a screw driver.

For replacement parts, please refer to the diagram pictured to the right and email:
customerservice@rockthebike.com



HOW DO I MAKE A THICK AND TASTY SMOOTHIE WITH MY FENDER BLENDER?

Start the pitcher with something soft, like bananas, yogurt, or avocado. Fill the pitcher about halfway with fresh or frozen fruit. Pour juice over the fruit. We recommend a neutral juice like apple or grape, but citrus is also great. For some texture and protein, use nuts--walnuts and almonds work well. If you omit yogurt add something creamy, like soy milk or almond milk. Finish it off with a squeeze of lemon or lime juice to make it tangy. Add ice to the pitcher so it's about 3/4 full. Don't forget to put the lid on the pitcher, and secure it with the retention strap.

Offer the healthiest and tastiest ingredients.
Favorites shared at: http://rockthebike.com/recipes