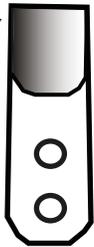


# SHOPPING BY BICYCLE

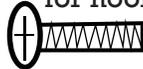
## BUILDING AN INEXPENSIVE & FUNCTIONAL BIKE BUCKET

### PARTS

BUCKET HOOKS (2)



SCREWS\*  
(4, 1/2" long)  
for hooks



LOCK NUTS (6 total)  
for hooks (4) &  
retainer (2), all on  
inside of bucket



BUNGEE CORD

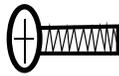
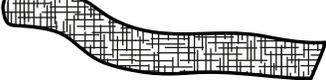


S-HOOK (1)

THIN BUNGEE CORD  
(optional lid retainer)



NYLON STRAPPING  
MATERIAL for retainer  
& carry strap



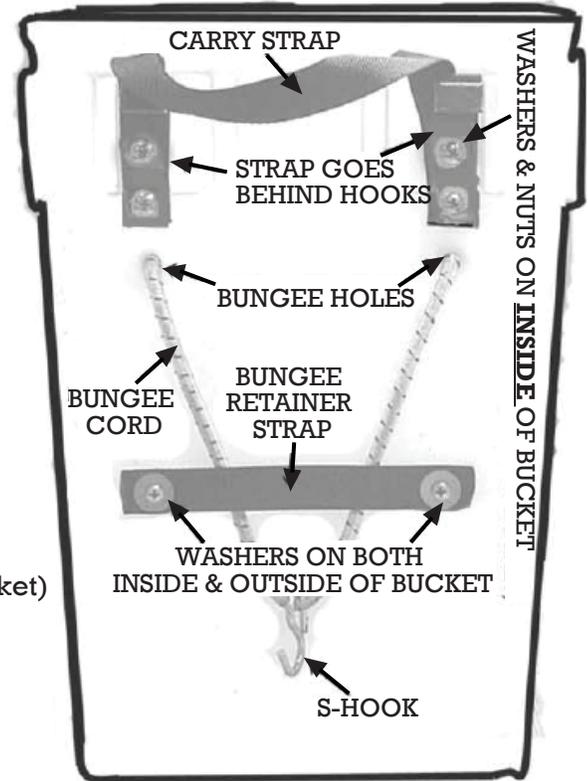
SCREWS\*  
(2, 3/8" long)  
for retainer



WASHERS  
(6 total - 1/8"x 3/4")  
for hooks (4, inside bucket)  
& for retainer strap  
(2, on outside of bucket)

& a BUCKET, of course

*\*make sure screws will fit through washers and hooks!*



### TOOLS

Drill with bits / Screwdriver / Pliers  
Adjustable wrench / Utility knife

### ASSEMBLY INSTRUCTIONS

*see other side*

### WHERE CAN I FIND THE BUCKET HARDWARE?

The easiest way is to purchase a kit that has all the parts (except the bucket). Local business Sellwood Designs ([www.thebikebucket.com](http://www.thebikebucket.com)) sells kits - and they have buckets, too! Most of the parts can often be found at your neighborhood hardware store; the hooks are the hardest to find; they can be purchased online from [www.Jandd.com](http://www.Jandd.com), look under "bicycle gear - replacement hardware". Buckets can often be scavenged from delis, cafeterias, or some restaurants. Ask around!

### BAFFLED? CONFUSED?

Give me a call or e-mail ----- Jeff Smith  
503.823.7083 / [jeff.smith@portlandoregon.gov](mailto:jeff.smith@portlandoregon.gov)



# BUILD YOUR OWN BIKE BUCKET *ILLUSTRATED INSTRUCTIONS*

- 1** Remove the plastic “lip” from the bucket (A) so the hooks can sit flush against the bucket surface. Not all lips look like this one. Some are like this (B). You can use a utility knife (very carefully!) to whittle it off.

Space bucket hooks about 5” apart (C) Using the hooks as a template, mark where to drill the holes.

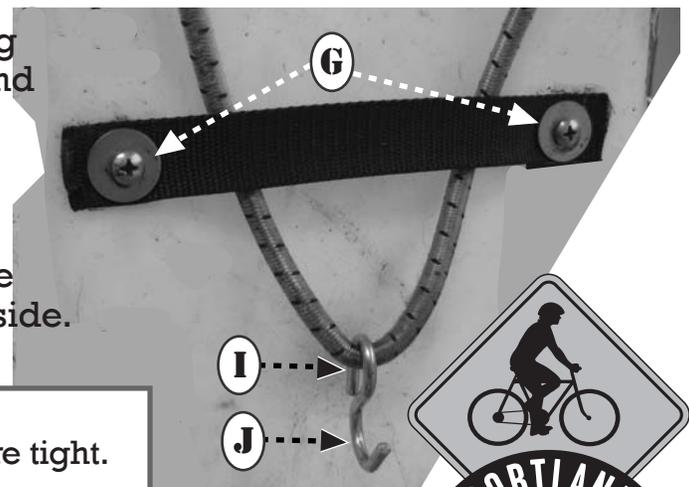
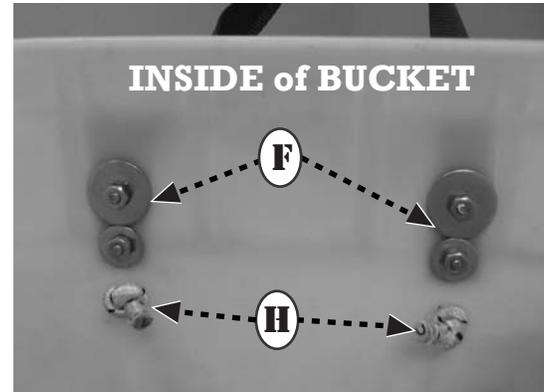
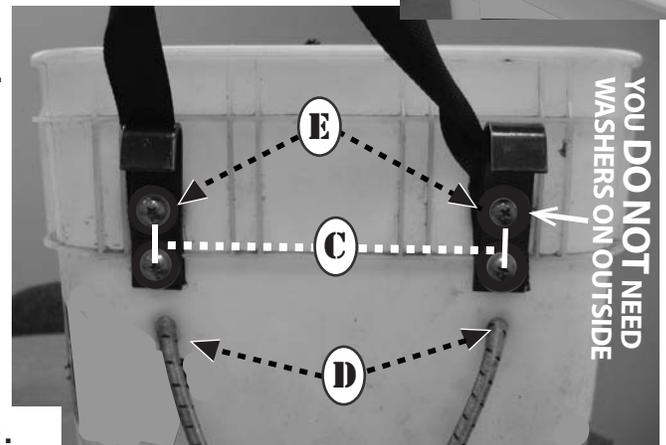
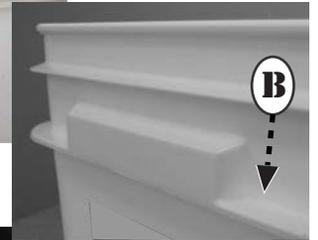
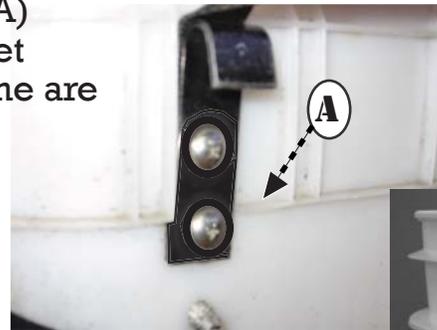
Drill the hook holes just big enough for the screws to pass through, then drill the holes about 2” below the bucket hooks (D) just big enough for the bungee. You will need different size drill bits.

- 2** Cut holes in carry strap with the utility knife (careful again!) so they line up with the holes in bucket hooks. Install hooks, with bucket strap behind them (E), and put the screws through.

From the inside of the bucket install washers, then the nuts, onto the screws (F). Tighten the nuts securely so the hooks have absolutely **NO wobble or play** in them.

- 3** Drill holes for the retainer strap about 5” below the upper bungee holes. Cut holes in the small retainer strap. Pass the shorter screws through the strap with the washers on the outside (G) - attach nuts on the inside.

- 4** Insert bungee through the holes (D) and make a knot on the inside of the bucket (H). Loop bungee behind retainer strap, & crimp S-hook on to bungee (I) with pliers (this is kind of hard to do), with hook facing away (J) from bucket. You may need to bend hook (J) out so it grabs on to the bike rack more easily. Adjust bungee length so the hook tensions bucket on bike rack. Drill a couple of small holes near the top of the bucket (on the handle sides) and thread the mini-bungee through, knotting it on the inside. This will help to keep your lid on.



## **A FEW FINAL IMPORTANT WORDS:**

- Check the hooks periodically to make sure they're tight.
- Make sure bucket fits snugly on bike rack.
- If you hear a suspicious rattle, check it out right away.

