me(Jim_Kirk change)   9/2/11   Post reply

I bought a cutting board from Amazon:
http://www.amazon.com/gp/product/B00063QBFE

and then did some work-work to create this [14 1/2 " from ground to the center of the hole]:

http://www.fareinc.com/65/1/content/IMGL1621_21_large.html

I've got the lift and the kickstand but the rear axle cutting board stand lets you spin the pedals, sit on the bike and pedal, lube the chain, etc. Great for finding noises.

-Jim

... **pj** Thanks guys, I have the kickstand--just need to install it, and the lift is on its way. Jim--love the cutting   9/2/11

me(Jim_Kirk change)   9/2/11   Post reply

PJ,
    The sidestand in the photo comes from Ricochet offroad and can be either an 023 or 023E [only difference is one is longer than the other with 023 being the shorter one]. They can be purchased directly from Ricochet if needed.
http://www.utahsportcycle.com/store/page108.html

    I used the 023E but it needed to be cut because the bike lean angle was not enough to keep the bike stable IMO. So, I rolled the bike up on two pieces of 3/4" plywood under the wheels and added more wood till I got the lean angle right. I then made a scribe mark around the kickstand while it was on the wood so that the kickstand would hit the ground flush. Cut it with a hacksaw, file or belt sand the cut edges down to remove burrs, and then I used a 7/8" dia fender washer which I stuck into a 7/8" rubber chair leg [i.e. crutch tip] to stick on the end of the kickstand. I glued on the crutch tip with rubber cement but it was working fine without this added step. The lean angle was fine but the kicstand hits the kickstand bracket stop hard and that has a tendency to loosen the bracket with kickstand use.

    So, I added some rubber bumper material [cut it out of some 3/8" thick rubber sheet with a razor blade] at the ends of the kickstand swivel [full up and full down]. You can see one of the bumpers here:
http://www.fareinc.com/65/1/content/IMGL1618_18_large.html

    The bumper also keeps the kickstand further away from the LHS rear axle thread so it won't hit the thread when swiveled up.

    Paul had the kickstand idea and choose the 023E. I liked his idea and made a few improvements.

-Jim

...

9/3/11   **Post reply**

PJ,
You are looking at version 2.0 of my stand. The base was not big enough on V1.0 but it is now.
http://www.fareinc.com/65/1/content/IMGL1622_22_large.html

Two cutting boards from Amazon were used because they provided the easiest way to get nice hardwood for this project [all dimensions in inches]:
Sides were from: http://www.amazon.com/gp/product/B00063QBFE/ref=wms_ohs_product_T2   in size 20x15 [thickness is 1 1/4"]
Base came from: same link as above, in size 16x10 [thickness is 1"]

20x15 was cut in two pieces, 9 1/2 x15. Then I made a 1 1/8" dia hole in the center of the 9 1/2" dimension, the hole center was 14 1/2" high. A table saw with the blade centered on the 14 1/2" line was then used to cut through the hole diameter at 14 1/2." I then measured 1 1/2" from the center of the hole to create a 3" wide top piece with the half hole centered. Next, I cut the the triangle to 9 1/2" on the bottom, 3" on the top. Side pieces are done. The spares which were cut from the triangles were used to make the top axle caps. First a 1 1/8" hole was drilled in the spare piece and then the piece was cut along the hole diameter [centered blade on the hole diameter], creating the matching 1/2 hole for the triangle. The axle caps were cut into final dimensions 3" long by 1" high. The axle caps and triangle holes now align on the 3" dimension. Don't worry about the holes not being round or being less than 1 1/8" after the two pieces are mated, they fit fine the axle nuts fine and capture the axle nuts securely.

Use the small cutting board to make the base fixture: 7 3/16" wide [just fits the Bomber width] and 9 1/2" long. Secure to each triangle with Flat Head wood screws.

Secure the axle caps to each triangle with two centered wood screws. No need to be as fancy as I was unless you want to.

Final step is optional. Rubber cement a 1/16" rubber sheet to the base bottom to prevent sliding.

Done. Well, I got fancy and used my router to round the edges of the triangle piece sides.

-Jim