

[grasshopper](#) from gunco.net

## AK Flat Bending Jig

Here is the material list from lowes.

- 3' long 1" angle
- 3' long 1 1/4" X 1/4" bar (I used 3/16, it bent a little)
- 2 3" long 5/16 bolts
- 4 1 1/4" long 5/16 bolts
- 12 5/16 nuts
- Or just use whatever angles,bars,bolts and nuts you have laying around.

Ok, this is how i did it:

Cut 2 pieces of 13" long angles and 2 pieces of 10.5" long bars

Clamp the angles together and drill 5/16 holes at each end. about .5" from the end. Put the 3" bolts in and you got a frame.

Put the flat over the 10.5" bar and center it as much as you can. Trace the Mag well, trigger, grip openings on the bar. Mark the alignment holes on the bar also. Now, you have a general idea on where to drill the holes

Measure to find the center of the bar for the alignment holes and center punch it. Put the flat over it to double check.

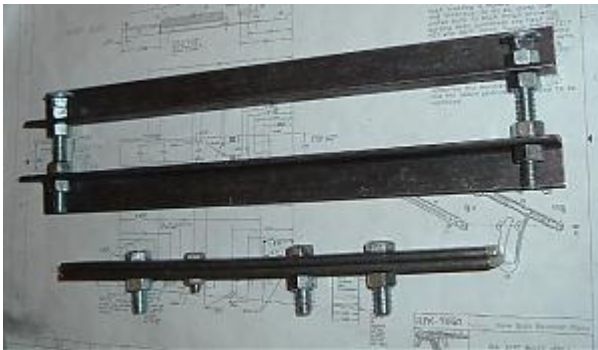
Clamp the 2 bars together and drill. I used 1/8" for the alignment holes and 5/16 for the rest. Drill 2 in the mag well, 1 in trigger and 1 in grip.

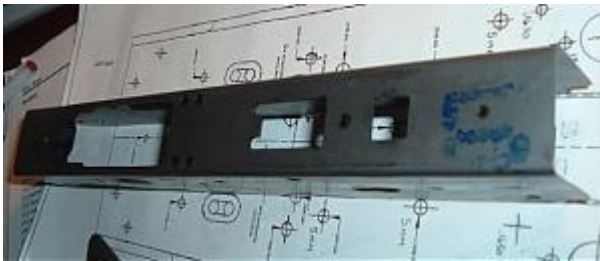
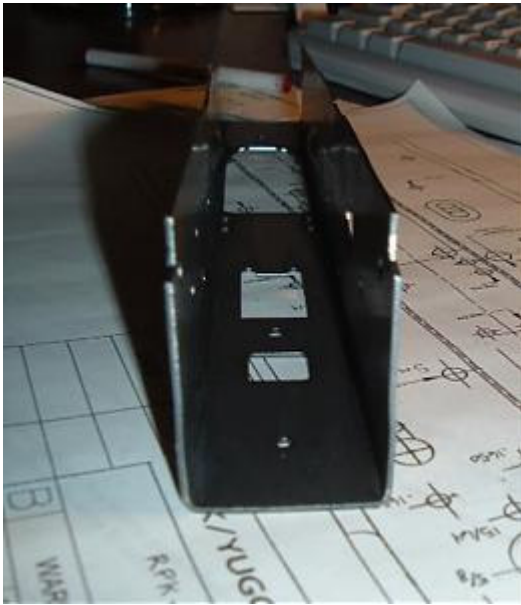
Use a dremel to clear out a space for the mag well indent and you are done with the bars.

Sandwich the flat between the bars. Use some finish nails to make sure the alignment holes are lined up. Bolt it tight.

I measured the trunnion to be a little over 1 1/4"(32mm) and adjusted the frame to 34mm (1mm flat) wide.

Tighten the nuts, spray on some Wonder Dew 40 and it is hammer time. I would have used a vice but it wouldn't fit in to mine.

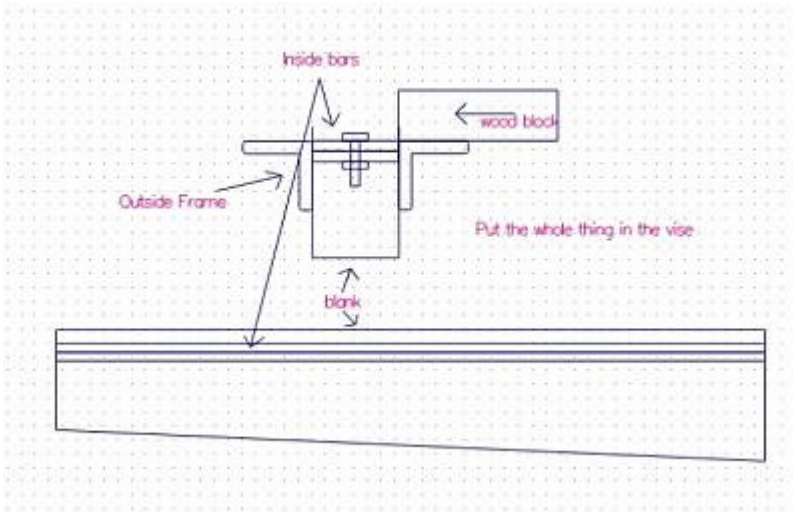






Sorry to resurrect an old topic, but I'm about to try this method and just would like a little clarification before I start beating on stuff. So,

- 1) if I understand this right, there is bar sandwiched on the top and bottom of the flat, correct? **YES**
- 2) To bend the sides, you position the sandwiched flat over the angle pieces, and hammer the exposed bar down into the angle brackets. How do you keep the flat stable during the first few hits? **The bottom part of the sandwich would be inbetween the angle brackets**



You need to measure the inside dimension of the receiver when bent the top rails. I think the front is  $1.25 - (.04 \times 2)$  and the rear is  $1.7 - (.04 \times 2)$ .

you can hammer it all the way through if you want. which ever is easier.



Total cost  
2X2 angle \$15  
1.25X1.25x.25 \$5

nuts and bolts \$6  
total = \$ 26

Jig = \$150 plus cheap HF press \$100 = \$250 - 26= \$224 savings

Pulling the flat through the jig with 3/8 bolts worked perfect from my end I actualy used too many pull bolts 3 would have probably been perfect.