

From the MODS found at <http://atog.strongfam.com>

Originally found at the TSOOG <http://www.angelfire.com/ca5/tsoog/clip.htm>

MOD #3: How do I mount a hopper on the right side of my magazine?

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Although the current SAW (ViewLoader) magazine modification is an easy "bolt-on" accessory to increase the firepower on your gun, mounting the hopper on the right side of the gun might get in your way when sighting down the left side of your gun. This can result in the need to tilt the gun at a weird angle to clear your sight lines for firing. Unfortunately, tilting the gun can result in balls not entering the clip, which causes empty spots on the chain drive (defeating the purpose of the SAW magazine).

Parts List:	Price:	Source:
5 minute fast setting epoxy	\$4 .00	Hardware Store
3/4" PVC Pipe (schedule 40 - thick walled	\$1.00 for 10'	Hardware Store
45 degree PVC elbow for 3/4" pipe	\$0.50	Hardware Store
TOTAL:	\$6.50	

Tools Needed:

Dremel Rotary Tool

-660 Drill Bit

-440 Sanding drum

-115 Engraving bit

Hack Saw

Because of the nature of this modification it is hard to provide step-by-step instructions for two reasons. One, there are not many steps to explain. And two, the biggest step requires some judgment on your part. The hardest part of this modification is cutting the hole in the black half of the magazine. Use your best judgment and cut only a little at a time. If you mess up, all is not lost. You can buy just the black half (right half) of the magazine for less than \$10 from ATS. However, keep in mind that ATS has a \$30 minimum order.

Follow these eight steps and look at the pictures below for guidance and you will have your own right side SAW magazine.

- 1) Cut a small starter hole in the back half of the magazine (660 Drill Bit)
- 2) Cut a 7 inch piece of pipe (Hack Saw)
- 3) Enlarge the hole slightly (115 or 440 Dremel attachment)
- 4) Check the fit of the pipe
(Repeat steps 3 and 4 until you are satisfied with the fit)
- 5) Shape the end of the pipe that is inside the magazine as shown in the pictures below (440 Sanding Drum)

- 6) Cut the pipe to the appropriate length (this will vary depending on the hopper you are using (Hack Saw)
- 7) Glue the pipe in place using epoxy
- 8) Glue the elbow in place

Note: For added strength, or to fix a hole that is slightly too big, you might consider attaching a thick piece of plastic to the outside of the black magazine half (like ATS does on the clear half of a standard SAW magazine). Also, feel free to paint the pipe black when finished or wrap with black electrical tape. If you are lucky, you might even be able to find a piece of heat shrink tubing big enough to fit over the pipe (this is the best looking option in my opinion).



