

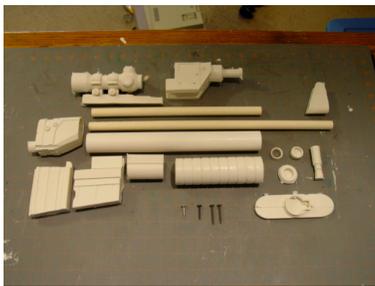
Rebel Commando Blaster Kit



Kit Assembly Guide v.1

Kit Assembly Guide

Thank you for purchasing this kit. The following guide will help you make your blaster just like the ones we used for the fan film *'The Last Garrison'*. Only a hand full of these kits were made, and please note these are intended to work with the Well's MR722 Airsoft M16 gun. **NOTE:** This is an intermediate/advanced kit, not intended for those who are not familiar with replica prop making.



When you get your kit, carefully unpack the parts, and check the contents of the box. Don't throw anything away until you have checked to be sure you have all the re-

quired parts. You should have the following:

- Scope front and scope back with base
- A short 1/2 inch PVC pipe and 1 longer one
- 1-inch pvc pipe
- Front sight, barrel ring, and top pipe cap
- Top pipe end cap, and barrel adaptor plug
- Stock greebly, and butt plate
- Solid magazine, and forward fake magazine

- Forward pump/grip and spacer.
- 1 short screw, 1 medium screw and 2 longer screws.

You will need to provide the Wells MR-722 or similar spring powered Airsoft M16 with the short telescoping stock. There are several models that will work but the cheapest and easiest to modify is the Wells brand.

Getting ready to assemble



It is very important to wash your resin parts in very warm soapy water, then rinse well and allowed to dry. A mold release agent was used and has to be removed prior to paint-

ing. It's easier to wash the parts now, before you start the assembly process.



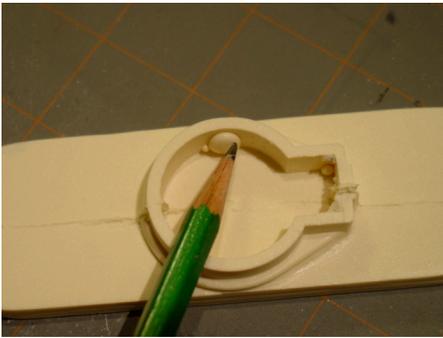
Tools & Supplies

Your going to need some supplies and basic tools. We used Devcon Plastic Welder, as the main glue for assembly, but any 2-part epoxy designed for plastic will work. Also, some super glue, sand paper, saw, drill with bits is also needed. The



degree of finish is up to you, we kept them pretty rough as these would only be seen on film for a few scenes. A filler putty is needed to address any casting flaws, or air bubbles in the resin. For the ones we made, this was not done.

Sanding, parts clean-up and assmebly



Start with the parts laid out on a table, and sand or trim any flashing or excess materials off each part. The stock greebly, top pipe adaptor, butt plate and scope front all have sprues that need to be cut off and sanded. Also note the surface finish is rough, and you might

Once you have removed the flashing and sprues, you are ready to

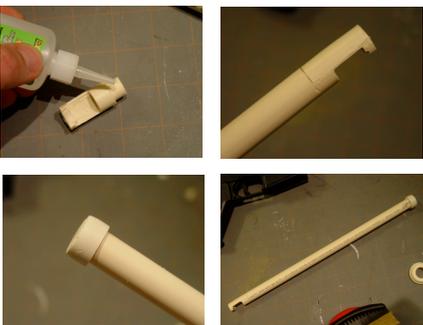


assemble the parts. We started with the barrel pipe. The shorter of the two 1/2 diameter pipes. Add the pipe adaptor and the end cap. Super glue them on.

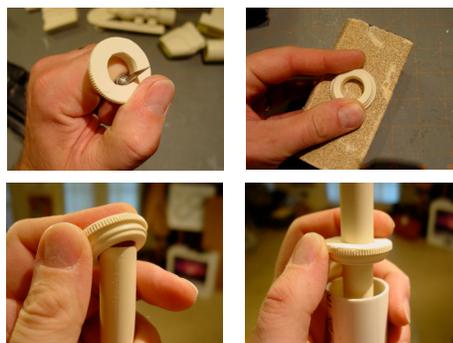
Once you have removed the grip and barrel from the Airsoft Gun,



parts. And then insert the barrel. Be sure to seat the barrel al the way down! Next we started trimming the barrel adaptor plug. This should be tight so trim and fit as you go. Clean up the front sight and barrel band.



want to do some sanding if you want a really smooth finish.



you can slip the 1-inch pipe over the remainder of the inner barrel



Test fit the sight but DO NOT glue it yet.

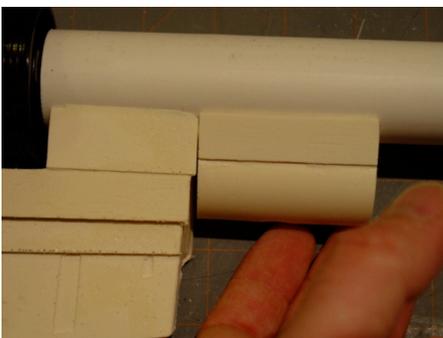
Solid Magazine and Fake Forward Mag



Sand and trim the fake magazine to fit the PVC pipe. We used

sandpaper wrapped around the large PVC pipe and sanded until a good fit was achieved. Same thing with the filler section.

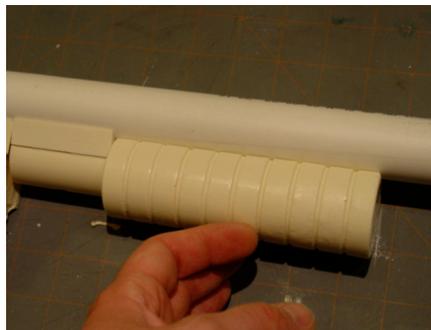
Align the parts. You will need to trim and fit these parts as needed to get a good fit. When you are ready, you can mix the Plastic Welder together, just enough to



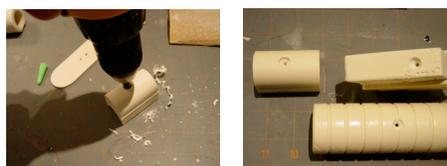
glue these two parts. Be sure to have a flat working surface and support the blaster as the glue sets. I blocked the airsoft gun and could



check and be sure the parts did not drift or shift while drying. Plastic Welder should only be used in well vented locations.



Once the glue had dried, time to glue the the pump/handle. Once all these parts are dry, you can decide if you want to screw these parts on for added strength. We did some of them this way, but the choice is yours.



Stock parts

Now you are ready to work on the stock. Be sure you are just using the tube assembly from the Airsoft gun, and remove it's butt plate. The easiest way to do this is pulling the adjusting lever out and slide the old stock off. Next, we are going to fit the stock greebly.

You will want to sand and file this part for a snug fit. Keep testing the fittings until you can easily slide this part onto the stock. Don't glue



it, as you can slide this back, and remove the stock if needed. Once you have the greebly where it can slide on, turn your attention to the butt plate. Sand it so you get a



snug kit. There is bump that will need to be sanded. Once you have a snug fit, you can glue the stock in place. We added a screw in the



plate for added security. If you choose to do this, you may want to remove the steel weight, and then Your stock is now complete and

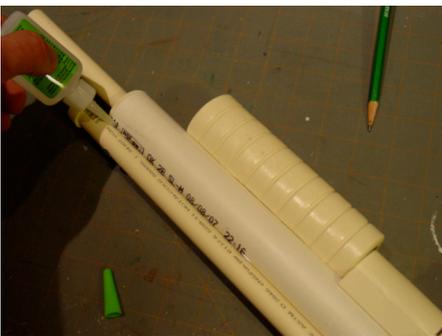
ready to mount. But wait, there is still some work to do, and the stock will just get in the way.

Top pipe Mounting



The next step is to mount the top pipe, and then add the scope. The

top pipe is straightforward, just align the top pipe adaptor to the delta ring on the airsoft gun, then drill a hole and countersink it, insert the smallest screw. Drill a hole so you can mount the top pipe forward, and use the next smallest screw.



You may want to glue the top pipe in place for added strength. You

now need to grind the remainder of the old airsoft cary handle off, and make it smooth, match the contour of the top pipe.

Scope Mounting



The scope base needs two holes drilled and counter sunk.



Screw the scope rail on, and glue it down as well, this will help keep it aligned even. While the glue is drying, you will need to cut the tip of the barrel off your airsoft gun.



And fit it so you can mount it on the rear of the airsoft receiver. You will want to use a dremel or round file, and contour the receiver to this barrel tip can sit even. Mix up some plastic welder or epoxy and



apply some to both this and the scope front piece. Once you have this done you will need to hold these parts steady until they have a chance to set. I used some 1-minute epoxy for this. Let the ep-



oxy set, and you are ready for the final step. Gluing the front sight, and inserting the magazine.

Final Step, front sight.



All that is left to do is glue the front sight into position, and before it sets, align it so that it is straight up and down.

You can still use the airsoft gun as a BB gun if you use the original magazine. Otherwise cut the charging handle off. At this point your blaster is ready for the stock, and a coat of paint.

Once you are ready for paint, you may want to remove some of the lettering on the airsoft gun. You can either fill this in with putty, or cover over with sheet styrene.



A note about the stock.

The original airsoft guns used a removable stock. Here are some images that might help when assembling yours. Notice how you can easily remove the



stock when you need to transport the blaster!

Thank you for your support, I hope you found this assembly guide helpful. For more replica prop and costuming tips visit: <http://www.tk560.com>