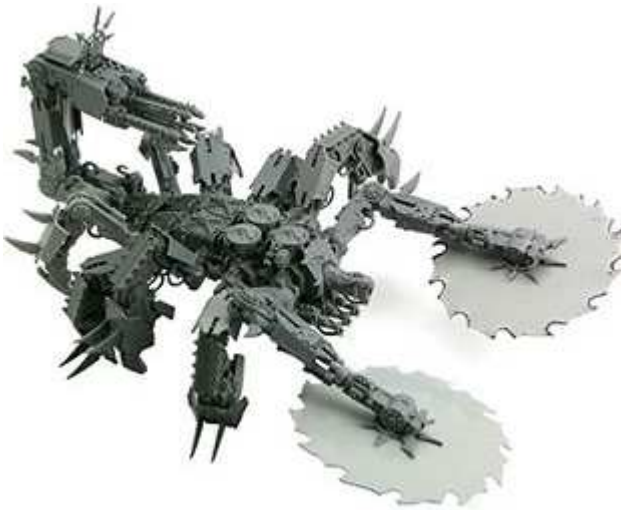


## ED'S BRASS SCORPION – INTRODUCTION

When Ed Sires heard that the Brass Scorpion was going to be included in the Apocalypse book, he knew the time had finally come to build one for his Chaos Space Marine Army. He was initially going to make a tracked Brass Scorpion to match the ones in his old Epic army, but then he caught a peak inside the Apocalypse book and saw that the Brass Scorpion was now a walker. Tracks were out and legs were in, but Ed wasn't about to build it without the huge buzz saws he had always imagined. With a little help from his ever-patient wife, he got to work clipping, sawing, test-fitting, and cutting some more. Ed briefly considered building it out of a mere two Defiler kits, but opted to use three in the end so he could achieve the monstrous size he was after.

### Ed's Converting Tips:

1. Never throw any parts away.
2. Train your cat to chase any bitz that fly across the room when you snip them off. It makes it easier to find the bitz plus its just entertaining.



#### TOOLS

Plastic Glue  
Super Glue  
Sprue Clippers  
Razor Saw  
Hobby Knife  
Files  
Felt Tipped Pen  
Saw Template (included in this article)  
Pin Vice and Drill Bits

#### MATERIALS

3 Defiler Boxed Sets  
Round Plastic Tubing 2x4 mm  
Round Plastic Tubing 2x3 mm  
One Sheet of Plasticard (2 or 3 mm)  
A few paper clips

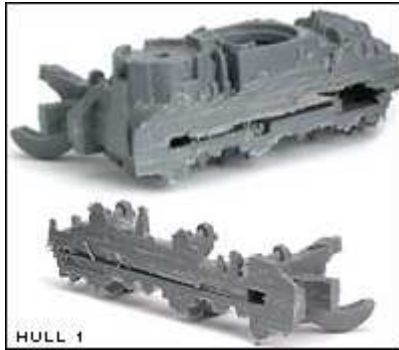
## ED'S BRASS SCORPION - STAGE ONE: THE HULL



### Step 1: Assemble Three Hulls

Assemble all three hulls from the Defiler boxed sets as normal. File all mold line and areas where the halves do not match perfectly.

[Enlarge Photo](#)



### Step 2: Cut the First Hull

Using a razor saw, cut the first hull as shown, removing the three leg sockets from the left side of the hull. Use a hobby knife and sandpaper to remove any rough bits and smooth the edges where the cut was made.

The large piece will form the right side of the Brass Scorpion hull. The smaller piece will be cut up and used to make a connector for the Scorpion's Tail.

[Enlarge Photo](#)



### Step 3: Cut the Second Hull

Using a razor saw, cut the second hull as shown, removing the three leg sockets from the right side of the hull. Use a hobby knife and sandpaper to remove any rough bits and smooth the edges where the cut was made.

The large piece will form the left side of the Brass Scorpion. The smaller piece can be discarded or added to your bitz box.

[Enlarge Photo](#)



### Step 4: Cut the Third Hull

Using a razor saw, cut the third hull into three pieces as shown. Use a hobby knife and sandpaper to remove any rough bits and smooth the edges where the cut was made.

The front piece will form the front of the Brass Scorpion hull and the back piece will form the rear. The center piece can be discarded or added to your bitz box.

[Enlarge Photo](#)



### Step 5: Assemble the Hull Sides

Glue the left and right sides of the hull (made in Steps 2 and 3) together as shown. The saw-cut sides on each part should line up together. This forms the midsection of the hull.

[Enlarge Photo](#)



### Step 6: Glue On the Hull Front

Glue the hull front (made in Step 4) on to the front of the hull midsection as shown.

[Enlarge Photo](#)



### Step 7: Glue On the Hull Rear

Glue the hull rear (made in Step 4) on to the back of the hull as shown. The basic structure of the hull is now assembled. Fill any gaps with greenstuff or other modeling putty.

[Enlarge Photo](#)



### Step 8: Remove tab from the Hull Rear

Use a razor saw and hobby knife to cut the tab off of the back of the hull rear. The section that needs to be removed is highlighted in pink. The goal here is to create a smooth surface to attach the tail socket assembly to.

[Enlarge Photo](#)



### Step 9: Remove Unwanted Parts from Leg Sockets

Take the leftover leg sockets from Step 2 and use a razor saw and hobby knife to trim off the parts highlighted in pink.

[Enlarge Photo](#)



### Step 10: The Trimmed Part

After removing the unwanted parts, the sockets should look something like this. Use a hobby knife and sandpaper to remove any rough bits and smooth the edges where the cuts were made.

[Enlarge Photo](#)



### Step 11: Cut the Sockets Apart

Use a razor saw or hobby knife to cut the connecting bit out from between the two sockets. You should wind up with two separate socket bits as shown.

[Enlarge Photo](#)



### Step 12: Reconnect the Two Sockets

Rotate the two socket pieces ninety degrees and glue them together so that the flat sides connect. The Chaos arrows should be on the outer sides of the sockets as shown in the photo.

[Enlarge Photo](#)



### **Step 13: Glue the Tail Sockets to the Rear of Hull**

Glue the tail sockets (made in Step 12) to the Rear of the hull on the surface where you removed the tab in Step 8. Now remove four hooks from a Chaos accessory sprue and glue them to the sockets as shown in the photo.

[Enlarge Photo](#)



### **Step 14: Attach Hatches**

Glue five Defiler hatches (found on the Defiler body and weapon sprues) to the top of the hull as shown.

[Enlarge Photo](#)



### **Step 15: Assemble Battle Cannon**

Glue the two halves of a Defiler battle cannon together. This will be used to make the Brass Scorpion's demolisher cannon.

[Enlarge Photo](#)



### **Step 16: Remove Drum From Cannon**

Use a razor saw to cut the elevation drum off of the back of the cannon.

[Enlarge Photo](#)



### **Step 17: File Down the Hull to Fit the Demolisher Cannon**

Use a file and hobby knife to file down the areas on the front of the hull that are highlighted in pink. Now Test fit the cannon on the front of the hull. File down more if necessary.

[Enlarge Photo](#)



### **Step 18: Attach the Demolisher Cannon**

Glue the cannon to the front of the hull so the top of the mantlet is roughly flush with the top of the front hatch. Now glue on the Daemon face mantlet cover and muzzle.

[Enlarge Photo](#)



### **Step 19: Attach the Spotlights**

Assemble two spotlights from Chaos accessory sprues. Remove the front and back tabs from the spotlight base so that only the left and right tabs remain. Glue the spotlights to either side of the front hatch as shown.

[Enlarge Photo](#)



### **Step 20: Trim Weapon Mounts for Flamers**

Remove the small weapon mount from two Defiler weapon sprues. Use a hobby knife to trim off the small tabs highlighted in pink on both weapon mounts. Then use the knife to cut down the pegs on either side of the parts so they are about half as long. You are trimming them down so there is room for four flamers under the hull.

[Enlarge Photo](#)



### **Step 21: Attach Four Flamers to form Hellmaw Cannons**

Assemble two heavy flamers as normal by gluing the two halves of each flamer to each weapon mount. You should wind up with two double-barreled heavy flamers. Glue the heavy flamers to the bottom of the hull, just behind the battle cannon mantlet as shown. The hellmaw cannons are now finished.

[Enlarge Photo](#)



### **Step 22: Attach Exhausts**

Remove the exhaust pipes from each of the Defiler body sprues. Glue the three exhausts to the bottom of the hull in "fallen domino" pattern as shown. The hull is now complete.

[Enlarge Photo](#)





### Step 23: Assemble Legs

Assemble six Defiler claws and two Defiler legs as normal, including the armor plates. The Defiler claws will form the front three sets of Brass Scorpion legs and the smaller Defiler legs will form the last set. You can glue the legs on now if you want, but you may want to wait until you finished with the arms and tail to ensure everything is posed the way you like.

[Enlarge Photo](#)

## ED'S BRASS SCORPION - STAGE THREE: ARMS



### Step 24: Form the Upper Arms

Remove two legs from a Defiler leg sprue. Use a hobby saw to cut the feet off of the legs where the three pistons meet the upper calf as shown. You can discard the feet or add them to your bitz box.

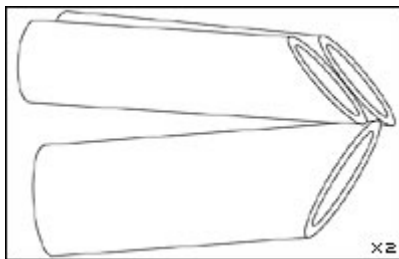
[Enlarge Photo](#)



### Step 25: Drill Holes and Cut Tubing

Use a pin vice to drill three holes in each arm at the points where the pistons used to extend from. Use super glue to glue a piece of paper clip into each hole, forming a pin. Now use a hobby saw to cut four 1 1/4" lengths of 2 mm plastic tubing and two 1 1/4" lengths of 4 mm plastic tubing. Cut one end of each tube at a 45-degree angle.

[Enlarge Photo](#)



### Step 25B: Add Arm Extensions

For each arm, glue three tubes to the three pins with the angled ends of the tubes facing out. Press the ends of the tubes together into a pyramid like structure as shown in the diagram.

[Enlarge Photo](#)



### Step 26: Assemble Defiler Flails

Assemble two flails from the Defiler weapons sprue as normal but clip the tabs off of the interior of the cylinder at the base of the flail before assembly. You should be able to look through the center of each flail and see an empty circle.

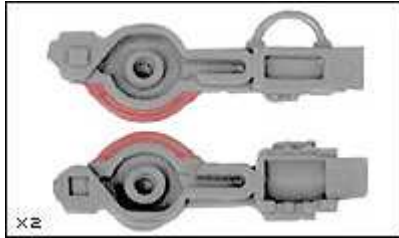
[Enlarge Photo](#)



### Step 27: Cut Down the Flails

Use clippers or a hobby knife to cut off all of the flails at the first ring. Next cut down two of the adjacent flails all the way to the main support ring. You should end up with two structures like the one pictured.

[Enlarge Photo](#)



### Step 28: Assemble the Flail Arms

Remove a left and right side for two flail arms from two Defiler weapon sprues. Trim off the tubing (highlighted in pink in the photo) from each part. Glue the left and right sides together to form two flail arms

[Enlarge Photo](#)



### Step 29: Assemble the Forearms

Glue the flails to the arms as normal to form the Brass Scorpions forearms. See photo for proper alignment.

[Enlarge Photo](#)



### Step 30: Assemble the Arms

Glue the tubes on the forearms from Step 25 in to the flail structures from Step 27. Refer to the photo for proper alignment of the parts.

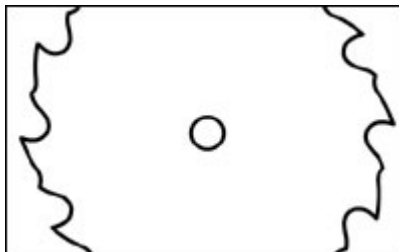
[Enlarge Photo](#)



### Step 31: Attach Armor Plates

Remove two small leg armor plates from the Defiler leg sprue and glue them to each arm over top of the flail parts. Be sure to glue the shield to each half of the arm to help reinforce the joint. Now glue a Khorne symbol (from the Chaos accessory sprues) to the shield on each arm.

[Enlarge Photo](#)



### Step 32: Cut Out the Saw Blades

Print out saw blade template PDF and use it to trace two saw blade designs on plasticard. Cut out the saw blades with scissors or a hobby knife. Download Adobe Reader [here](#).

[Download Saw Blade Template PDF](#)



### Step 33: Attach the Saw Blades

Remove two Chaos icons from Defiler weapon sprues and snip off the support poles. Attach each icon to the center of a saw blade. Now attach the end of each arm to a chaos icon as shown. As you glue the blades, be sure to make the teeth of the two blades going in opposite directions.

[Enlarge Photo](#)



### Step 34: Attach Blade Hubs

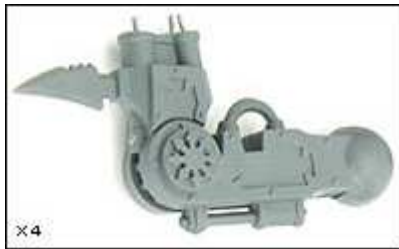
Remove two of the chaos icon hatches from the Chaos accessory sprues and attach them to the bottom center of each blade. The arms are now complete.

[Enlarge Photo](#)

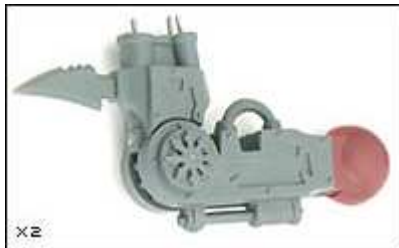
## ED'S BRASS SCORPION - STAGE FOUR: TAIL

### Step 35: Assemble Tail Components

Remove two sets of matching legs from Defiler leg sprues. Use a hobby saw to cut the feet off of the legs where the three pistons meet the upper calf as shown. You can discard the feet or add them to your bitz box. Use a pin vice to drill three holes in each arm at the points where the pistons used to extend from. Use super glue to glue a piece of paper clip into each hole, forming a pin.



[Enlarge Photo](#)



### Step 36: Remove Ball Joints

Use a hobby saw to cut the ball joints off two of the legs. The area to be removed is highlighted in pink.

[Enlarge Photo](#)

### Step 37: Cut Notches in Two Legs

Use clippers and a hobby knife to cut notches into the two legs that you just removed the ball joints from. These notches should be mirror images of each other as shown in the photo. These cuts don't have to be perfect, as they will be largely covered up.



[Enlarge Photo](#)





### Step 38: Cut Six Lengths of Plastic Tubing

Use a hobby saw to cut four 1 1/4" lengths of 2 mm plastic tubing and two 1 1/4" lengths of 4 mm plastic tubing.

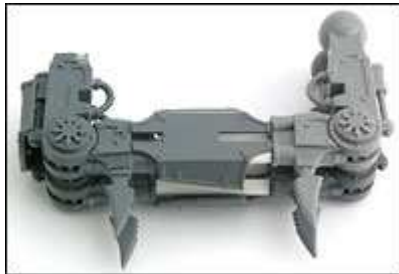
[Enlarge Photo](#)



### Step 39: Assemble the Tail Parts

Glue the plastic tubes created in Step 38 to the pins in each leg section created in Step 35. You should form Two "C" shapes as shown in the photo.

[Enlarge Photo](#)



### Step 40: Assemble the Tail

Glue the halves of the tail together so that the notches from Step 37 are facing inwards. The glue should be applied to the two chaos icons on the inner sides of the joints in the tail. These Chaos icons should be the only point of contact. Now take two armor plates from a Defiler leg sprue and glue them to either side of the tail to cover the plastic tubes.

[Enlarge Photo](#)



### Step 41: Attach Armor Plate

Remove the small armor plate from the Defiler weapons sprue and glue it to the top of the tail as shown.

[Enlarge Photo](#)



### Step 42: Attach Chaos Icon

Remove the remaining Chaos Icon from the Defiler weapon sprue and glue it in front of the armor plate from Step 41. The pole from the icon should sit between the two halves of the tail as shown.

[Enlarge Photo](#)



### Step 43: Trim the Autocannons

Remove all six autocannons from the Defiler weapon sprues and use clippers or a hobby knife to cut the belt feeds (highlighted in pink) off of all six guns.

[Enlarge Photo](#)



### Step 44: Remove Bayonets

Use a hobby knife to remove the bayonets (highlighted in pink) from one set of two autocannons. Assemble the pair autocannons together as normal by gluing the right and left guns together.

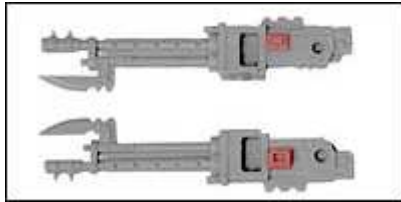
[Enlarge Photo](#)



#### **Step 45: Stack the Autocannons**

Assemble a second pair of autocannons as normal by gluing the right and left guns together. Now glue the bayonetless pair of autocannons from Step 44 on top of the second pair as shown in the photo.

[Enlarge Photo](#)



#### **Step 46: Remove Connecting Tabs**

Use clippers or a hobby knife to remove the connecting tabs from the remaining pair of autocannons. The parts to remove are highlighted in pink.

[Enlarge Photo](#)



#### **Step 47: Attach Remaining Autocannons**

Take the two autocannons from Step 46 and attach one to each side of the four autocannons from Step 45. The six autocannons should now be arranged in a hexagonal pattern forming the scorpion cannon.

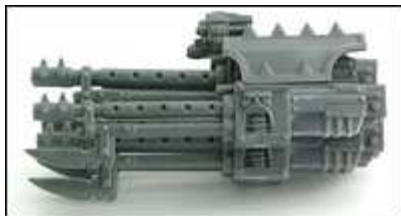
[Enlarge Photo](#)



#### **Step 48: Trim Down Sensor Unit**

Remove a Sensor unit from a Defiler weapon sprue and use clippers and a hobby knife to trim off the base and wires highlighted in pink. The finished, trimmed-down part is shown on the right.

[Enlarge Photo](#)



#### **Step 49: Attach Armor Plate and Sensor**

Remove an autocannon armor plate (the one with ridges) from a Defiler weapon sprue and glue it to the top of the scorpion cannon structure with the notch facing the front as shown. Then glue the sensor unit from step 48 into the notch of the armor plate.

[Enlarge Photo](#)



#### **Step 50: Attach Scorpion Cannon to the Tail**

Glue the scorpion cannon to the end of the tail so that the top armor plate sticks up slightly above the top of the tail. The back of the top two autocannons should fit nicely in the notches you made way back in Step 37.

[Enlarge Photo](#)



### Step 51: Attach Armor to Sides of Scorpion Cannon

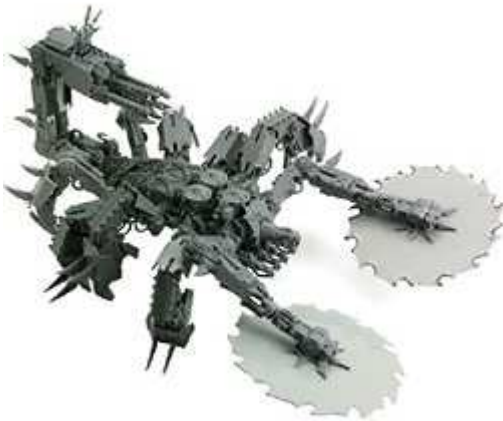
Remove the last two small armor plates (the ones used for the flail) from the Defiler weapon sprues and glue one to either side of the scorpion cannon as shown. The tail is now complete.

[Enlarge Photo](#)

## ED'S BRASS SCORPION - STAGE FIVE: FINAL ASSEMBLY

### Step 52: Attach limbs

Glue the eight legs, two arms and tail into the appropriate sockets, referring to the photos below for placement. Remember to put the two small legs in the rear. The Brass Scorpion is now complete.



[Enlarge Photo](#)



[Enlarge Photo](#)



[Enlarge Photo](#)



[Enlarge Photo](#)