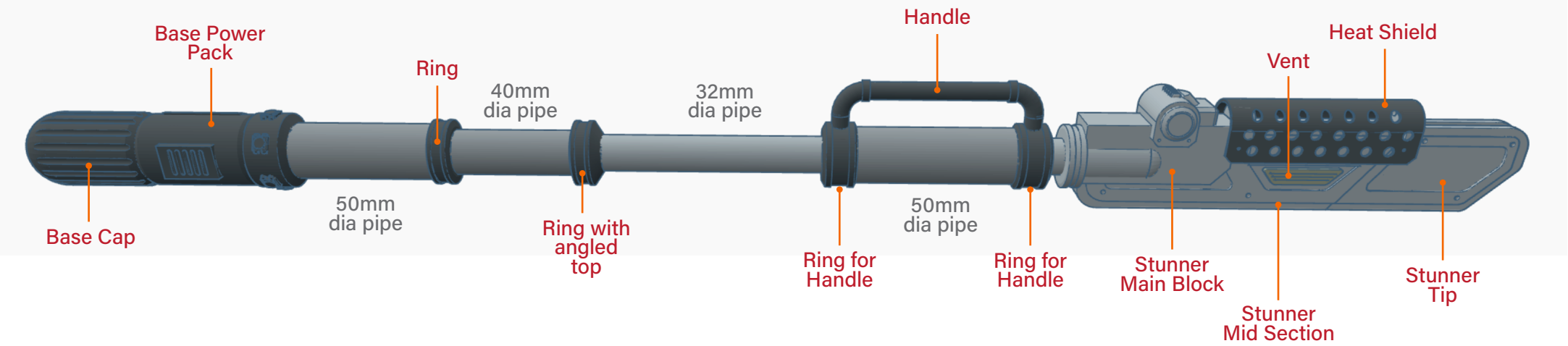
redflare MODEL STUDIOS

Electroripper Staff Assembly Instructions



You will first need to clean up some of the resin parts as per the assembly instructions. The parts are not prepared and some flashing and cleanup is required before paint can be applied.

Sand and Prime Parts

Apply a light sanding using 100 or 120 grit sandpaper to the parts to remove any surface defects and prepare for priming. With the 3D printed parts, there will be some 'layer lines' and these can be removed by sanding the top surface. If required, you can fill any holes or defects in the parts using plastic putty or filler. After sanding, use your priming paint of choice.

Pipes

You will need to purchase the following lengths of pipework. The Staff has been designed for a tight fit but you can apply some glue - CA Glue, Plastic Weld or other glue is suitable.

x1 32mm dia pipe (cut to 550mm length)
x1 50mm dia pipe (cut to 155mm length)
x1 50mm dia pipe (cut to 160mm length)
x1 40mm dia pipe (cut to 160mm length)

Assembly - Resin Parts

Slide the **Control Panel** part onto the **40mm pipe** and glue in place.

Add the **3 Buttons** to the **40mm pipe** in a position you are happy with and glue.

Add the **Bracket** component to the top of the 40mm pipe as shown in the picture above.

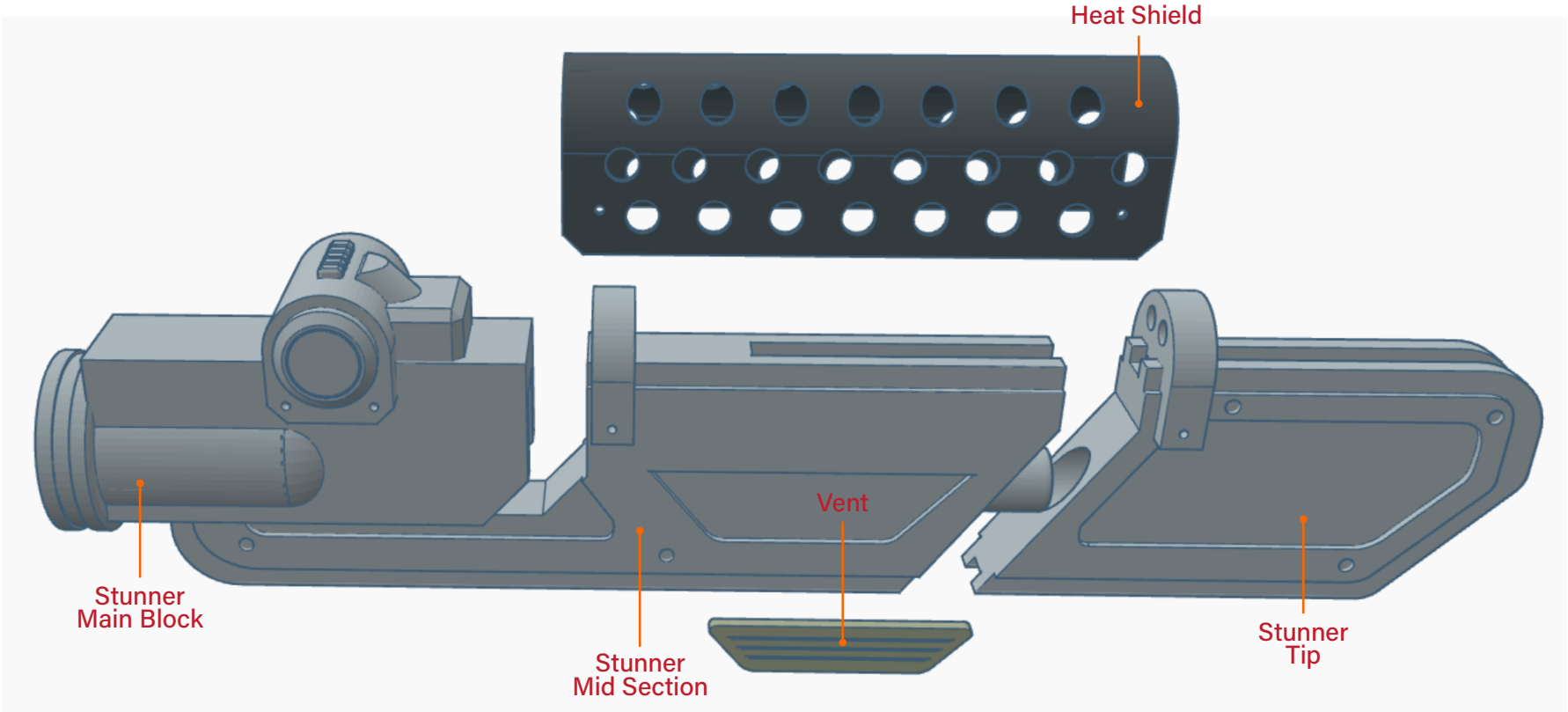
Lastly, add the **Base Cap** to the bottom of the **Handle** with some glue.

Final Assembly

The two sections can now be joined together by pushing the **20mm pipe** down the small hole in the **Bracket** and slide it into the the bottom of the **Handle** section.

This will thread all the way through the 40mm pipe and handle and add strength to the staff.

Paint as required.



Step 1

To assemble the Ripper Staff 'head' you need to glue the **Stunner Tip, Stunner Main Block** and **Stunner Mid Section** parts together.

If required, use a length of the 32mm pipe through the **Main Block** section to help aslign the parts.

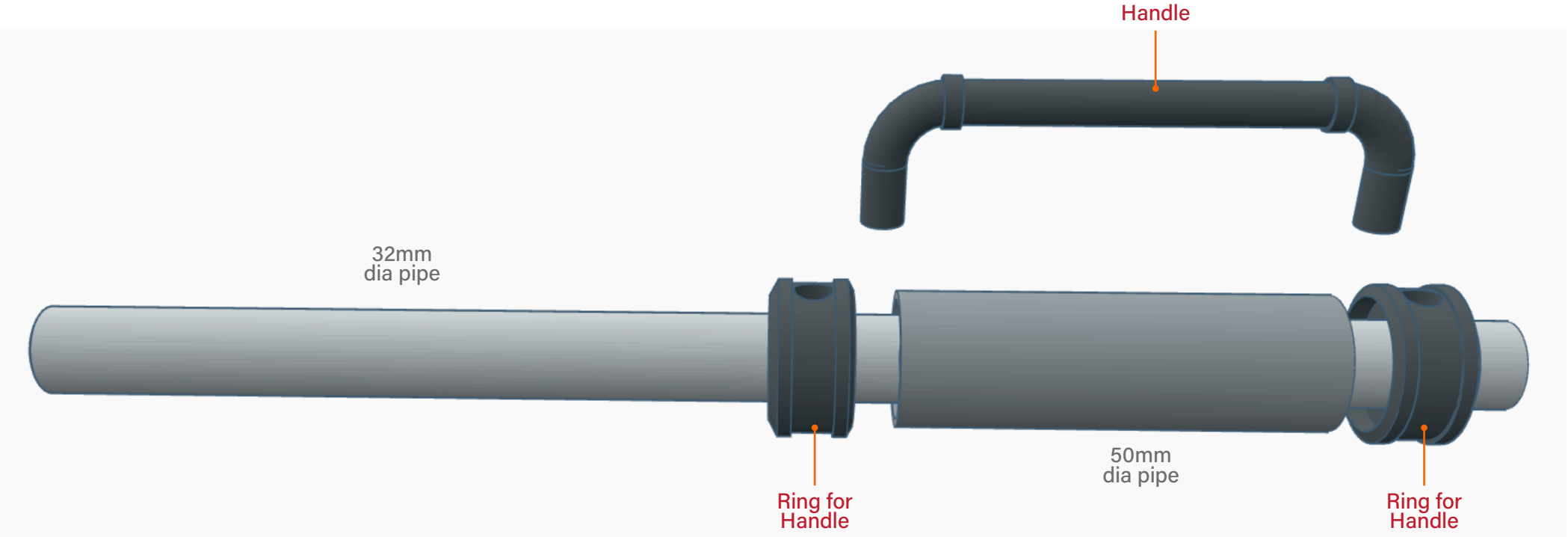
Step 2

Next, add in the two **Vent panels** to either side of the staff, using a strong adhesive.

Step 3

Lastly, add the **Heat Shield** to the top of the assembled Ripper Staff head section.

A number of holes have been added so you can use some M3 bolts (not included) to add detail if you wish.



Step 4

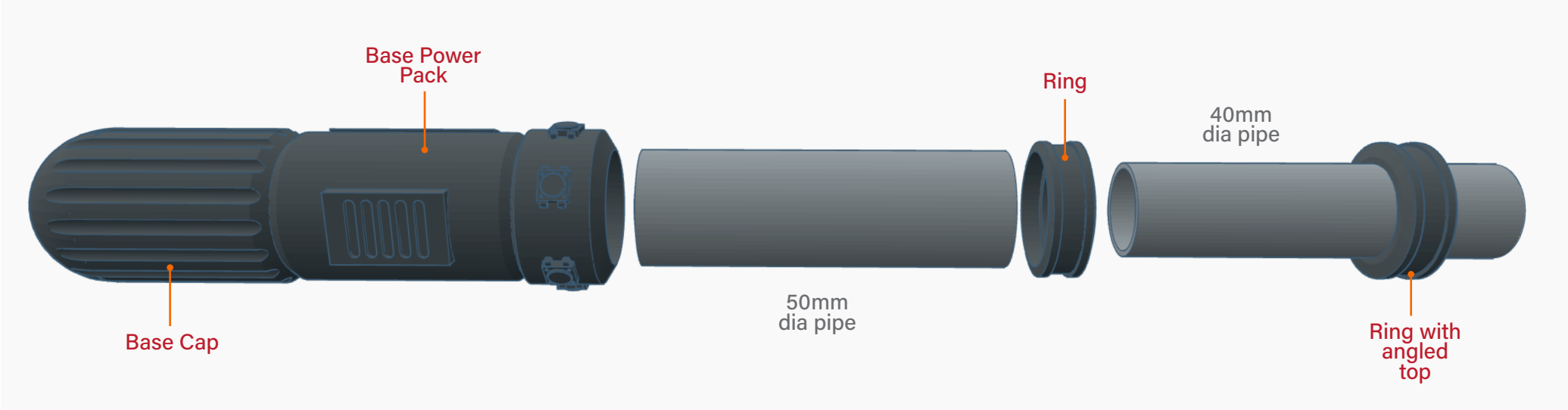
To create the handle of the Staff, you need to combine the two **Rings that have locator holes in them,** with the 50mm diameter pipe that has been previously cut to 160mm in length.

Step 5

Glue in the **Handle** to the 2 locator holes in the **Rings** with strong adhesive.

Step 6

Lastly, the **32mm diameter pipe** can be inserted through the middle. You need to have cut this to around 550mm in length so it can form the center of the Staff.



Step 7

To create the base of the Staff, first combine the two parts of the **Base Cap** and **Base Power Pack** using adhesive. For added weight, you can add ballast in the base but this is not necessary.

Step 8

Glue the **Ring** together with the **50mm diameter pipe** that has been cut to 155mm in length, and glue this into the top of the **Base Section.**

Step 9

Lastly, the **40mm diameter pipe** can be inserted through the middle and the **Ring with the angled top** can be added.

Step 10 - final assembly

Combine all 3 sections together, using the long **32mm diameter pipe** to insert down the center of all the sections and glue together.

Add beadwork and paint as required.