



## **BUILDING THE STUDIO SCALE PROBE DROID**

### **Introduction:**

**Thank you for purchasing what we feel is a very unique and highly detailed replica resin model kit of the studio scale Probe Droid. This kit was mastered by Rolando Gutierrez of Backlot Studios using the best reference available at the moment and using the original kit bashed parts where they were known and scratch built when a particular part was unknown. Steve Neisen of Nice-N Model Designs along with other very talented artisans produced the quality casting you see in this kit. We hope you enjoy building and displaying your Probe Droid as we've enjoyed producing and making this subject available to you.**

### **The Kit:**

**Parts: 58**

### **Working with resin:**

**As with any resin model kit, the builder will require advanced skills in prepping and building their model. There will be a certain amount of cleanup that the builder will have to do prior to building. Due to the mould making process and resin casting you will find that parts will have seam lines where the moulds are split that will need sanding and putty to fill these in. Some parts may also have small voids from bubbles that were trapped while casting the resin. These will also require some putty and sanding. Another note is that you should wash all parts in a mild soap/water solution in order to remove any mould release agent that may have been used during the casting process. This is very important as paint will not adhere to the model if there is any mould release present.**

### **Building the model kit:**

**It is recommended that cyanoacrylate (super glue) type adhesive be used to assemble your resin kit. It is also recommended that certain parts be pinned for a sturdier assembly. You will also have to determine how you want to display your Probe Droid and what type of base you will place it on as you may have to drill into the body.**

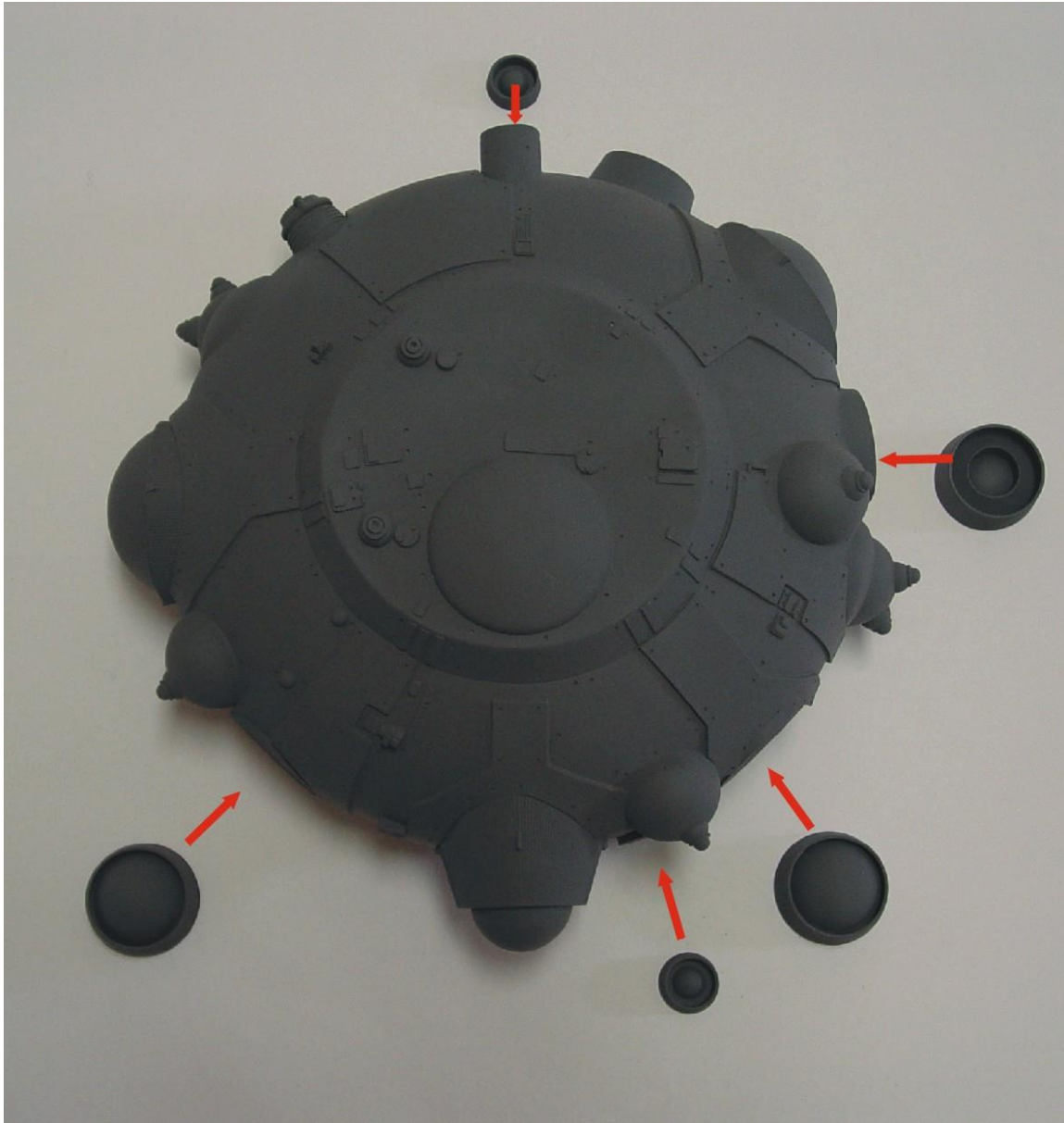
### Prior to painting:

**It is recommended that your build should be done in sub-assemblies. The instructions will go over these along your build. These sub-assemblies will require a primer coat sprayed on so that any paint that will be used will adhere to the model. A fast drying, sandable automobile primer will work well.**

## Kit Parts



# Building the Head



**The model brings 5 eyes that are not attached to the head. You should place the head in the configuration you see in the picture above and then glue in place the corresponding eye in the location indicated by the red arrows.**

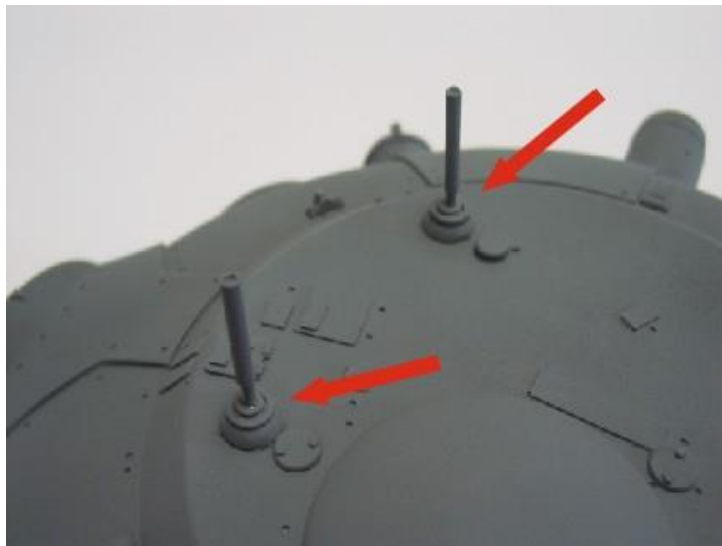
**The head should look like the following picture on the next page once the eyes are attached.**



**The next step will be to attach the two antennas to the top of the head. Your model brings two antennas as shown in the following picture.**



**Placements of the antennas are shown in the picture below. These should be glued in place as indicated.**



**There are 4 jets that will need to be attached towards the bottom edge of the head. The parts are indicated below and will need to be detached from the runner. There are 4 dimples on the bottom edge of the head which indicate where these are to be glued on to.**





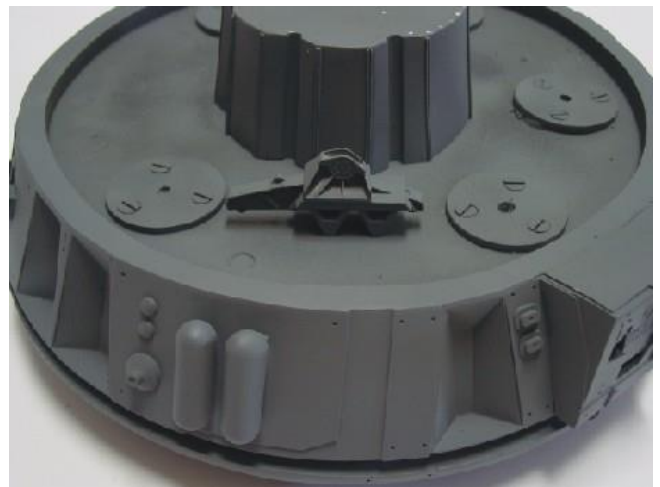
# Building the Body

**Here you have a picture of the underside of the body.**

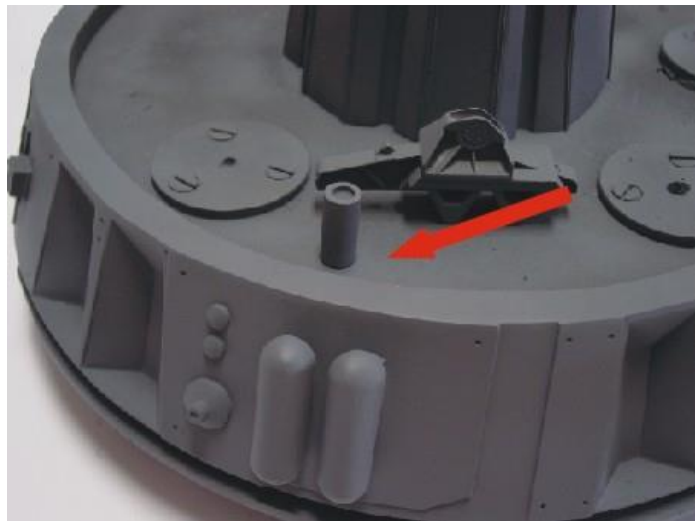


**If you keep the configuration above it will aid you in the proper placement of the underside detail parts.**

**There are 7 detail parts that will need to be glued on the underside of the body. Some of these will have to be built up from several other parts as a subassembly. Part 1 is shown below with its proper alignment and placement.**



**There are 3 cylinder parts in the kit, the smallest of the 3 will be the part attached in the following as indicated by the pictures below.**



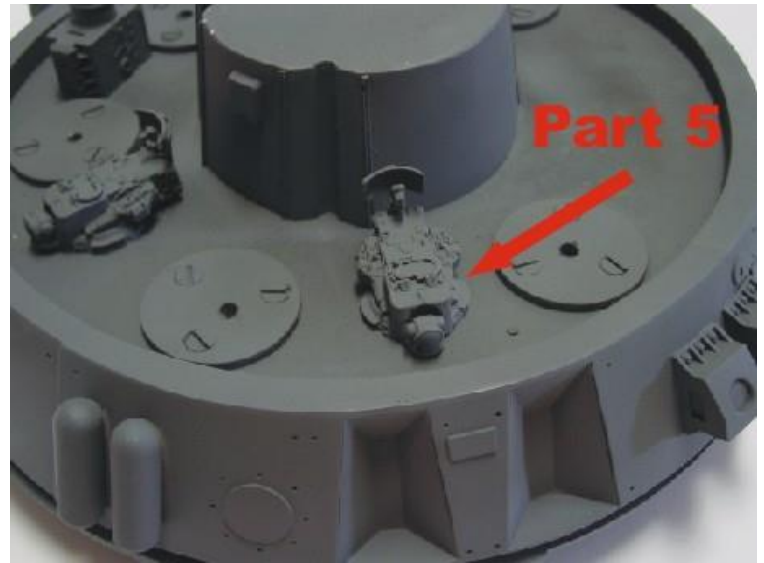
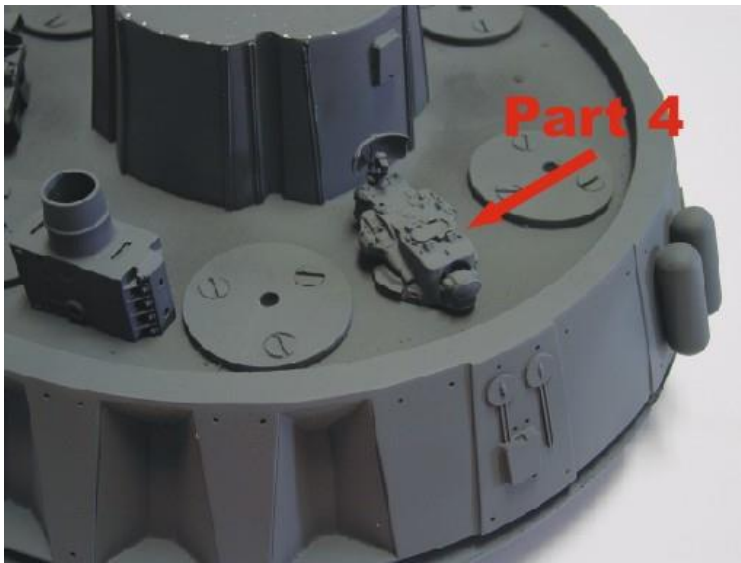
**Below you have the 3<sup>rd</sup> part with its proper alignment and placement.**



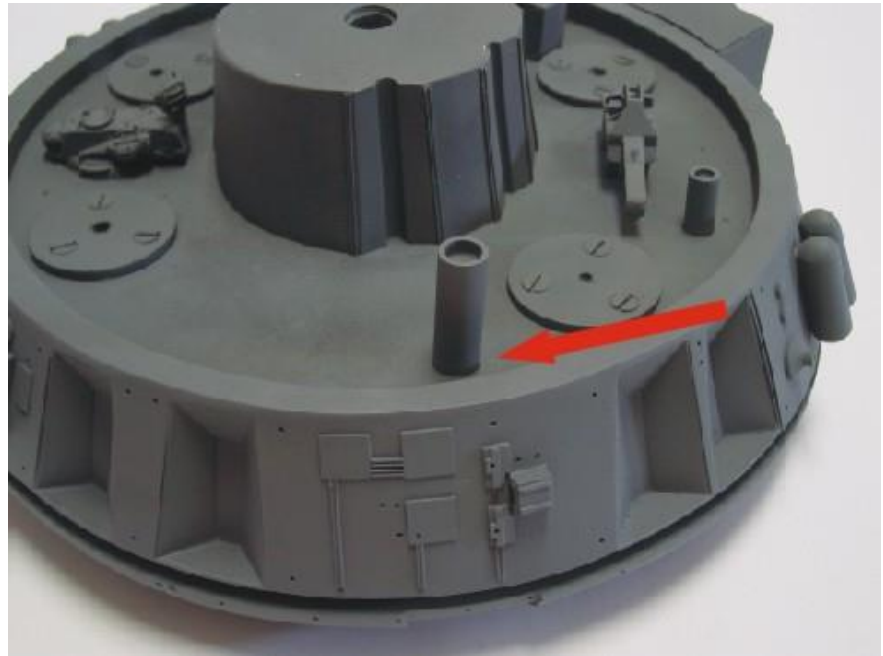
**Below is the subassembly for parts 4 and 5. The two radar dishes need to be attached to the larger structure shown in the pictures below.**



**Below is the proper alignment and placement of parts 4 and 5.**



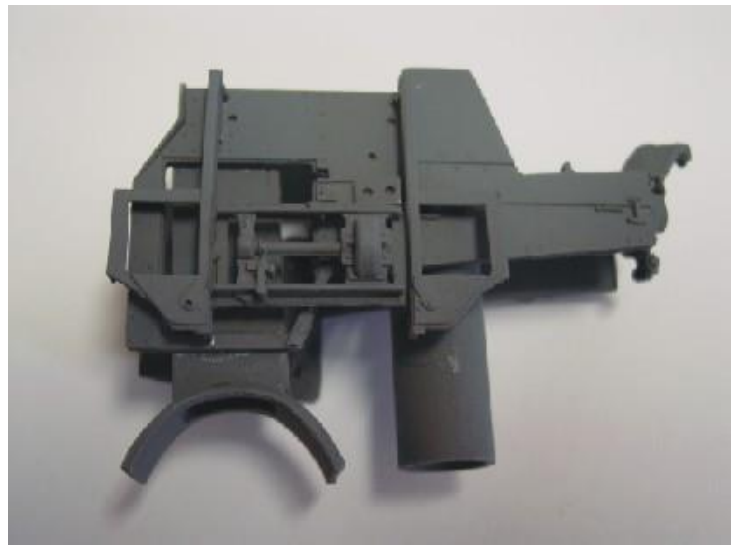
**The 6<sup>th</sup> part is the second largest cylinder shown below with its proper placement.**



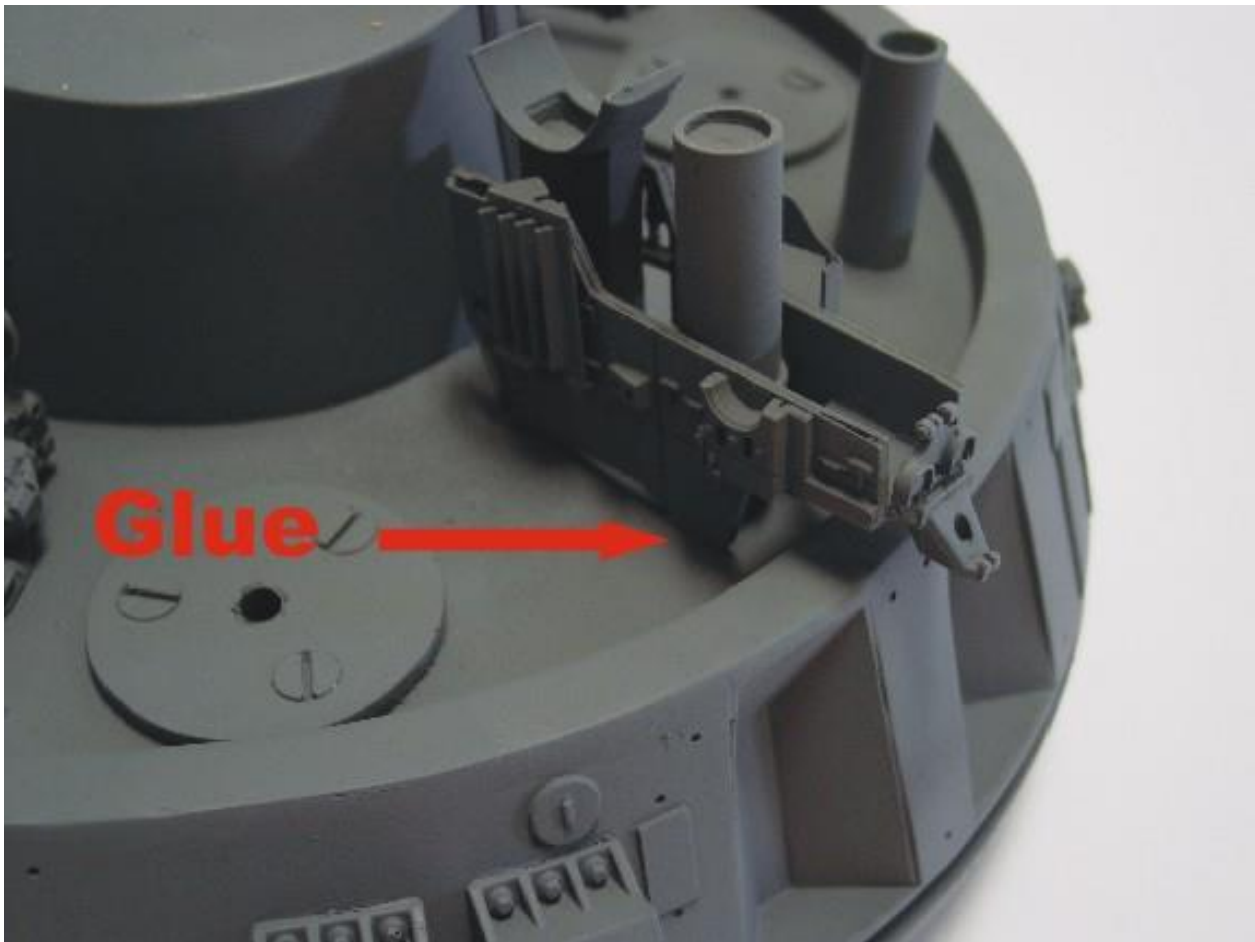
**Part 7 will have to be built as a subassembly before attaching to the body. The next page will show the assembly and placement.**







**Attached part number 7 subassembly shown above to the bottom of the body as indicated in the picture below.**



**The subassembly below will go attached to the upper side of the body. The spindle is glued to the underside of the laser canon and then will be placed in the cradle with the predrilled hole in it.**



# Probe Droid Legs

**This version of the Probe Droid was mastered as it was seen on screen and thus only has 5 legs. The version you may have seen on display at present has 6 legs. The sixth leg was added to support the Probe Droid for display purposes.**

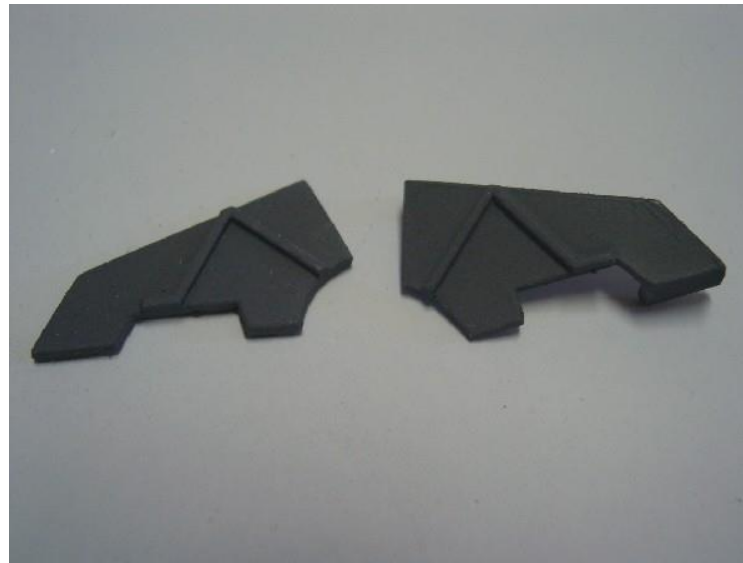
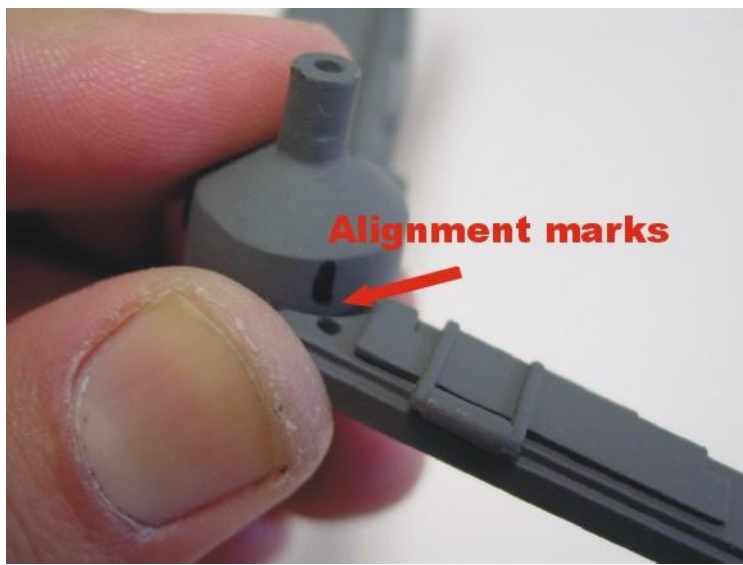
**The kit legs should be pinned for a sturdier build. By pinning we mean that where there's a leg joint, a piece of material such as a cut piece of paper clip should be glued in where you will pre-drill holes wherever a leg joint is located and lined up.**

**Each leg has struts that were cast in resin. These are all different and correspond to their individual leg, so careful attention should be given to certain details we will point out on individual struts that will let you know where these will be placed.**

## Leg 1



**Leg 1 consists of 7 parts as indicated on the previous page. Note that the strut used on this leg has rectangular ends. You should pre-lineup the legs with the strut in position and then mark the leg joint with a marker so that it will be lined up for pinning. This step should be done to all 5 legs. The picture below shows the alignment.**





**The claw has 4 parts that when glued will create two claws that will look like the picture below.**



**Placement of the claws is shown below and shows Leg 1 completed.**



## Leg 2

**Leg 2 consists of 5 parts as seen in the picture below. The strut for this leg has a dividing line on the end of the upper cylinder.**





**Leg 3**



**Leg 3 consists of 6 parts as shown in the previous page. The strut for this leg can be determined by scaling it to the other parts of leg 3.**



## Leg 4

**Leg 4 consists of 6 parts as seen below. This leg uses 2 struts as seen below also. Use scale comparisons to the other leg parts.**







# Leg 5

**Leg 5 consists of 5 parts as seen below.**

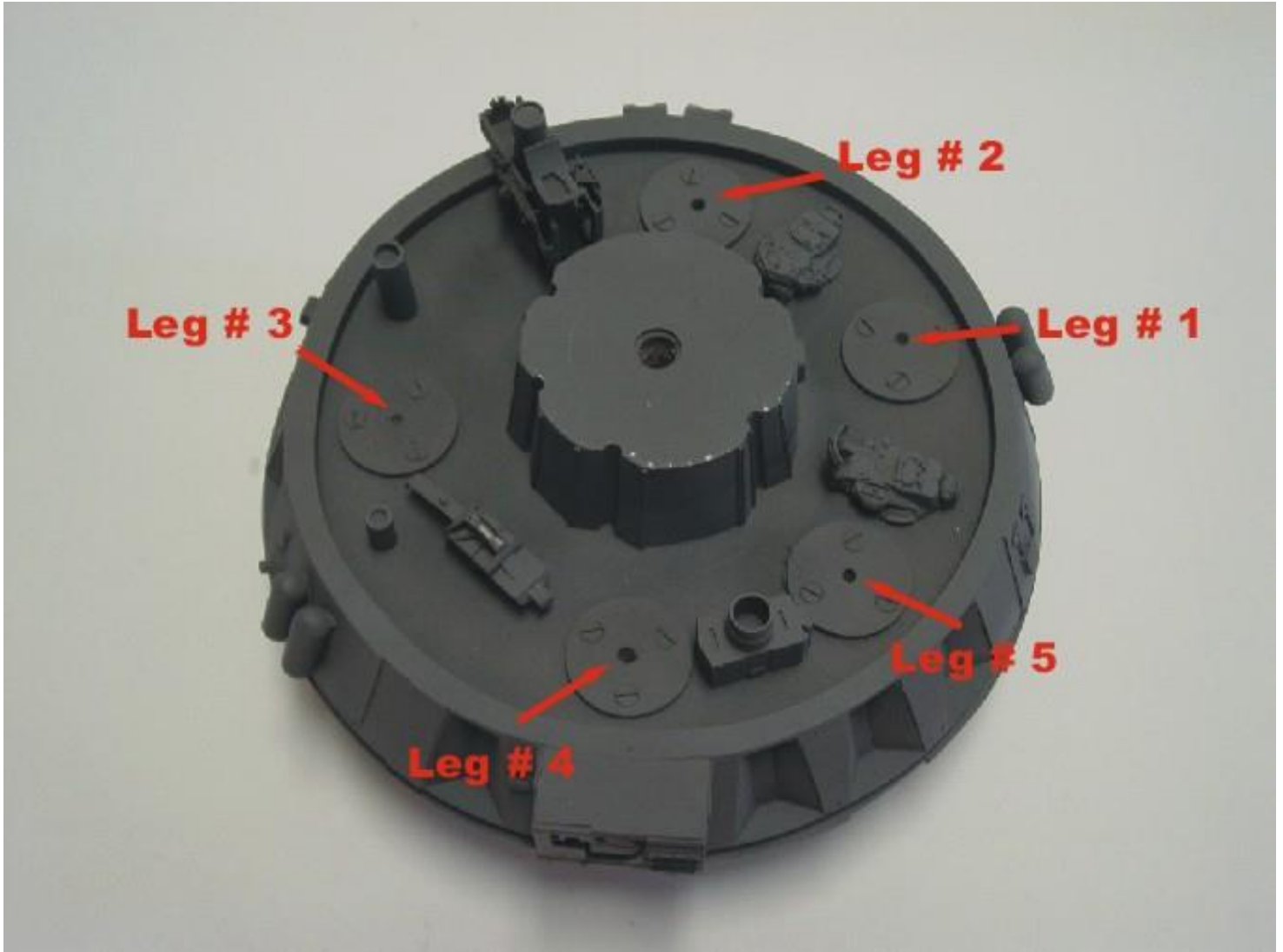


## Completed Legs



# Leg Placement

You can find each legs placement by placing the body in the position shown in the picture below and following the red arrows for each leg.



When complete and mounted on a base you can sit the head in place onto the body and your Probe Droid should look like the picture on the next page.





