

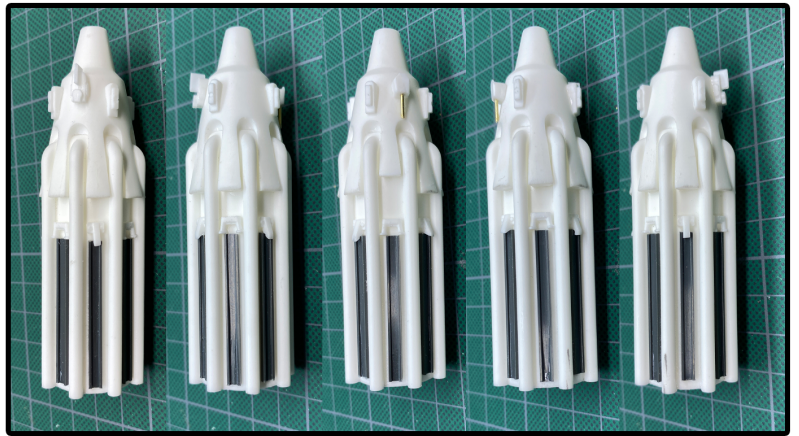
# Studio Scale Ion Cannon Instructions

You will need paint, glue, lengths of styrene and/or brass rod, and a package of Plastruct 1/8" ABS Channel (catalog number 90043). These instructions will get you "most of the way" to a finished build. Some areas of the studio miniature are covered with an aged thick patina, so these are areas that you can "freestyle" on, and if one day better reference photos surface, there will be less work to do to modify and "accurize" the model.

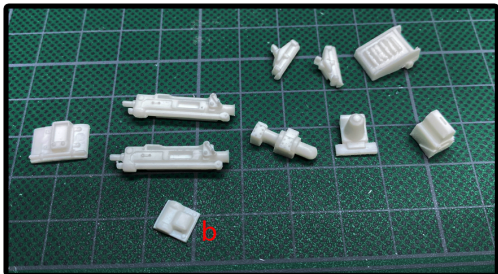
## THE BARREL



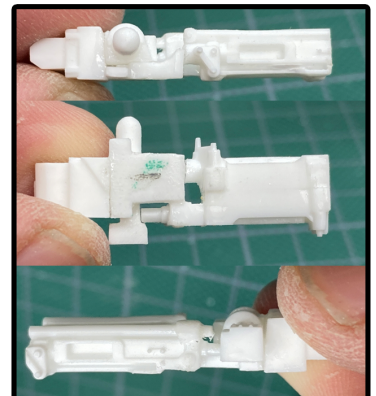
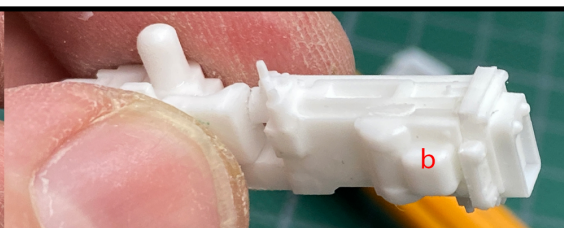
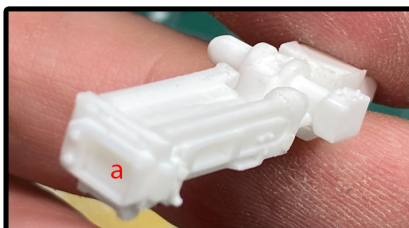
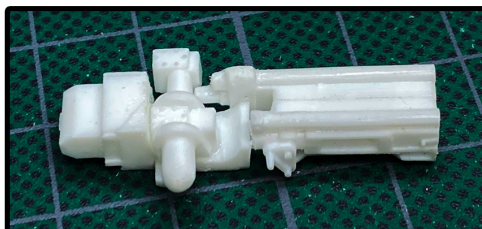
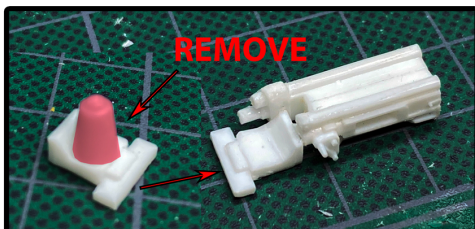
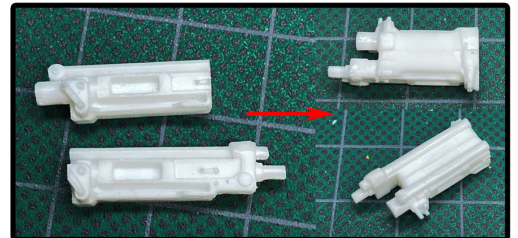
This is where the Plastruct comes into play. Be sure to leave a gap along the bottom as shown, to allow the barrel to seat properly on the ball. The model as it comes to you represents a very extended barrel, and you may feel free to cut it down, to match screencaps. The "shroud" that surrounds the barrel is also in the extended position. Once you cut the barrel, glue parts down as shown.



## TOP SIGHT

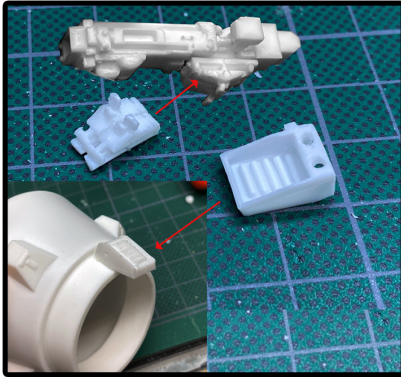


Pay close attention to the photos and how to cut and assemble these parts.

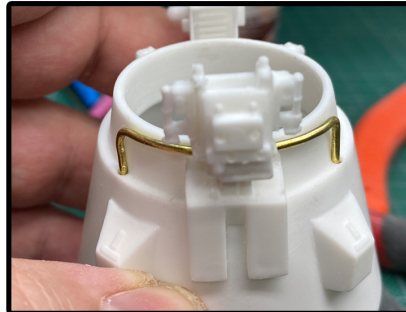
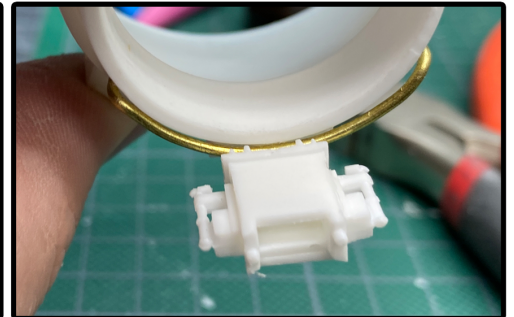
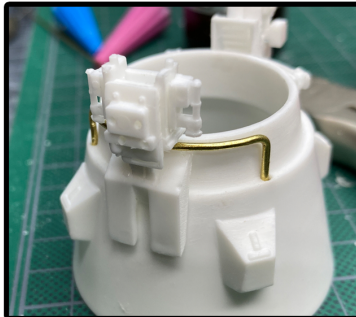
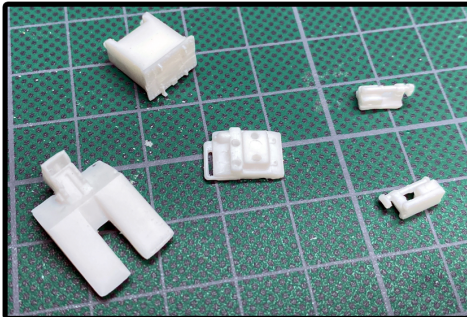




## TOP SIGHT continued



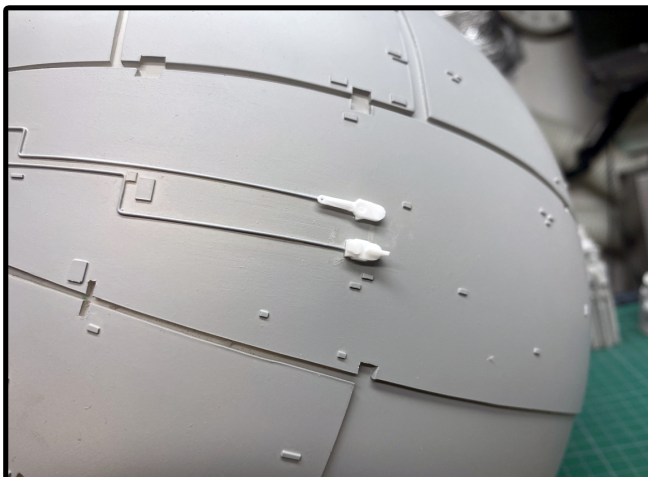
## BOTTOM SIGHT



A length of brass rod was used here, so bend and glue in as shown.

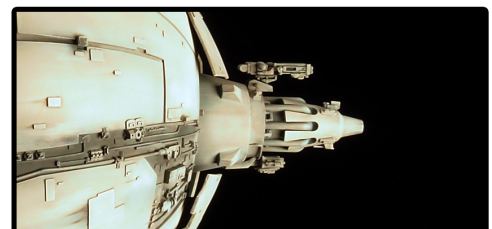
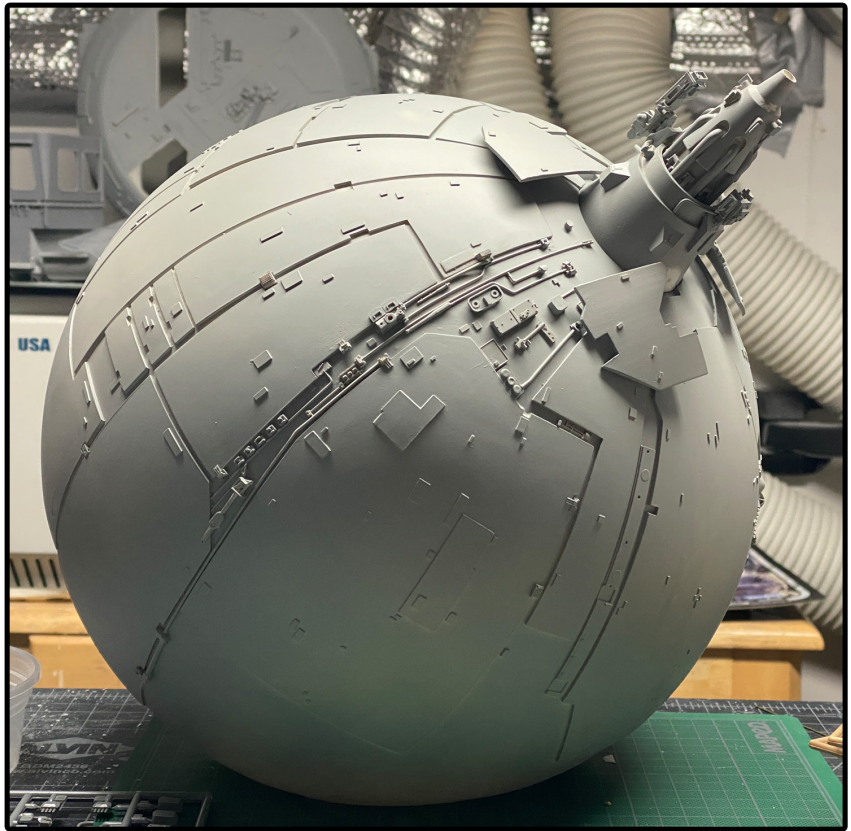
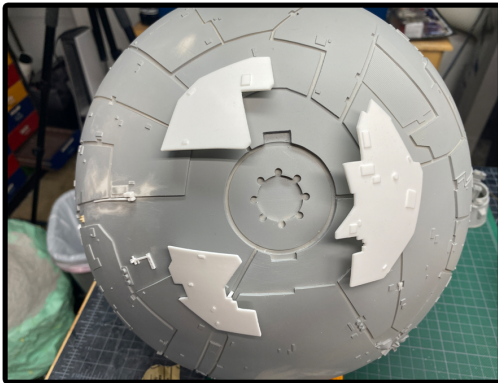
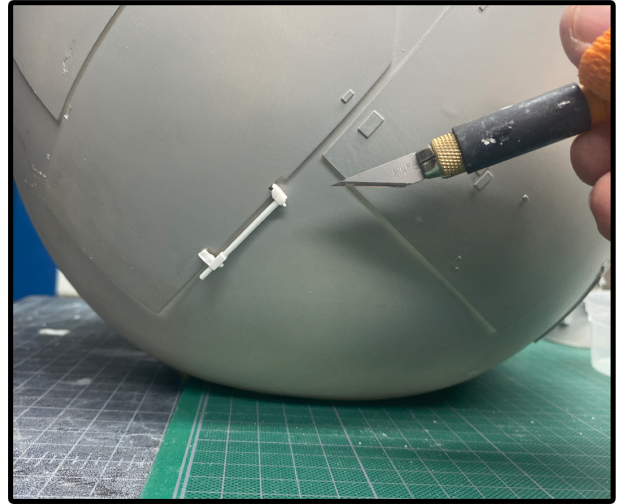
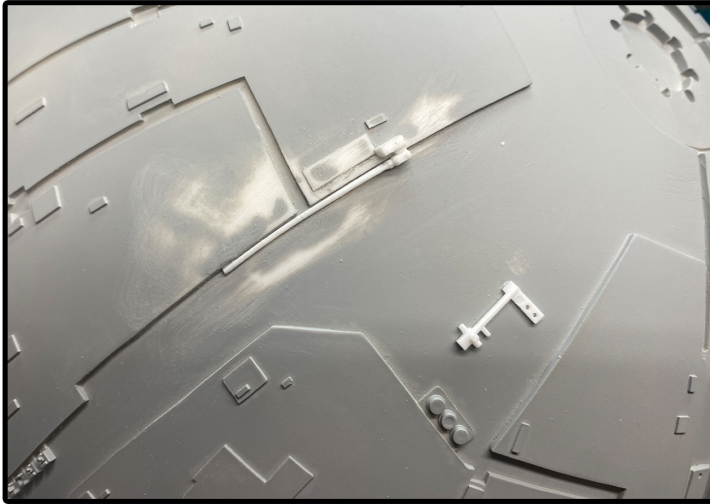
On the ball, as seen below, attach the rest of the castings. These represent what we have found as of the time of this writing. The three hatch "petals" glue as pictured on the next page, but I recommend leaving those off until you have painted and weathered everything. Please feel free to embellish the rest of the areas on the ball with similar model parts and have fun!

## THE BALL





## THE BALL continued



Instructions by Jason Eaton,  
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