

Stabilized Snack-Sized SERENITY

Building Instructions by Chris Doyle

Of www.ReasonablyClever.com

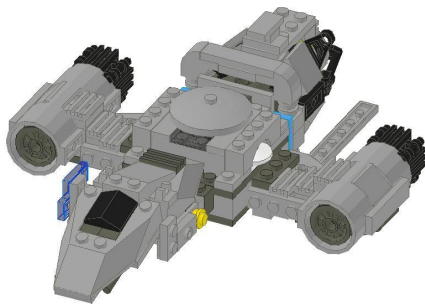
(Incorporating suggestions from Greg Cox)

This is the second incarnation of the “Snack Sized Serenity” instructions – there have been some updates to the look of the model, as well as many improvements in terms of stability and swooshibility. Sort of a “Release Two” of the basic model.

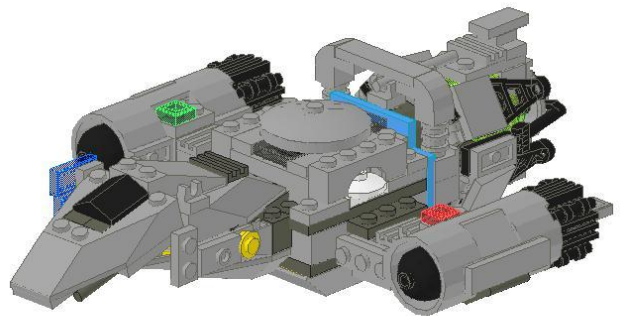
As usual, I’ve provided a parts list followed by step-by-step instructions on how to build the model. I’ve added text at the few points where I think there might be a bit of confusion. Hopefully you’ll find this a frustration-free build.

If you have questions or comments, please feel free to email me at Bat_hero@hotmail.com

A leaf in the wind,
Chris



Version One, 215 Parts



Version Two, 239 Parts

Parts List

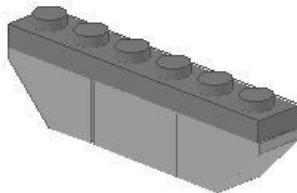
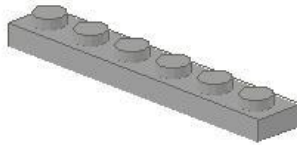
Count	Color	Description	DAT File
1	Black	Bar 4L Light Sabre Blade	30374.DAT
1	Black	Brick 2 x 2	3003.DAT
1	Black	Hinge 1 x 2 Base	3937.DAT
1	Black	Hinge 1 x 2 Top	3938.DAT
1	Black	Plate 1 x 2 with 1 Stud	3794.DAT
1	Black	Plate 1 x 2 with Handles Type 2	3839B.DAT
1	Black	Plate 1 x 4	3710.DAT
1	Black	Slope Brick 33 2 x 2 Double	3300.DAT
1	Black	Technic Axle 5	32073.DAT
2	Black	Brick 1 x 1 with Studs on Four Sides	4733.DAT
2	Black	Cylinder 2 x 2 with Dome Top	553.DAT
2	Black	Hinge Bar 2 & 1/2 with 2 and 3 Fingers on Ends	2880.DAT
2	Black	Hinge Plate 1 x 2 with 2 Fingers	4276.DAT
2	Black	Technic Pin with Friction and Slots	2780.DAT
2	Black	Tile 1 x 1 with Clip	2555.DAT
4	Black	Plate 1 x 1 Round	4073.DAT
4	Black	Plate 1 x 1 with Clip Horizontal	6019.DAT
4	Black	Plate 1 x 3	3623.DAT
4	Black	Space Wing 4 x 2	4596.DAT
8	Black	Plate 1 x 2 with Handle	2540.DAT
8	Black	Tile 1 x 2 Grille without Groove	2412A.DAT
1	Blue	Plate 1 x 2	3023.DAT
2	Cyan	Tile 1 x 4	2431.DAT
2	Cyan	Tile 2 x 2 with Groove	3068B.DAT
1	Dark-Gray	Brick 4 x 4 Round with Holes	6222.DAT
1	Dark-Gray	Dish 2 x 2 Inverted	4740.DAT
1	Dark-Gray	Tile 1 x 2 Grille with Groove	2412B.DAT
1	Dark-Gray	Wing 4 x 4 with 2 x 2 Cutout	43719.dat
2	Dark-Gray	Brick 1 x 1	3005.DAT
2	Dark-Gray	Plate 1 x 1 Round	4073.DAT
2	Dark-Gray	Plate 1 x 2 with 1 Stud	3794.DAT
2	Dark-Gray	Plate 2 x 2	3022.DAT
2	Dark-Gray	Plate 2 x 3	3021.DAT
2	Dark-Gray	Plate 6 x 6	3958.DAT
2	Dark-Gray	Tile 1 x 2 with Handle	2432.DAT
1	Green	Plate 2 x 4	3020.DAT
1	Green	Technic Brick 1 x 2 with Axlehole	32064.DAT
4	Light Blue Gray	Brick 1 x 1 with Studs on Two Opposite Sides	47905.DAT
1	Light-Gray	~Dish 3 x 3 without Top Face	43898s01.dat
1	Light-Gray	Bar 4L Light Sabre Blade	30374.DAT
1	Light-Gray	Brick 1 x 4	3010.DAT
1	Light-Gray	Brick 4 x 4 Round with Holes	6222.DAT
1	Light-Gray	Dish 4 x 4 Inverted	3960.DAT
1	Light-Gray	Plate 1 x 1	3024.DAT
1	Light-Gray	Plate 2 x 4	3020.DAT
1	Light-Gray	Plate 2 x 6	3795.DAT
1	Light-Gray	Slope Brick 18 4 x 2	30363.DAT

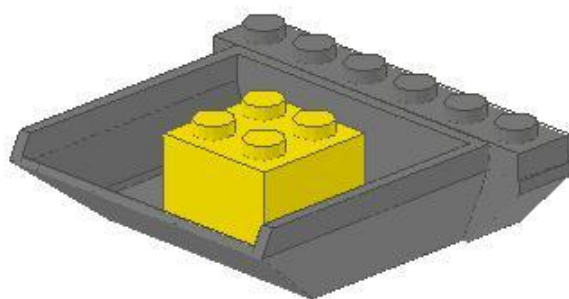
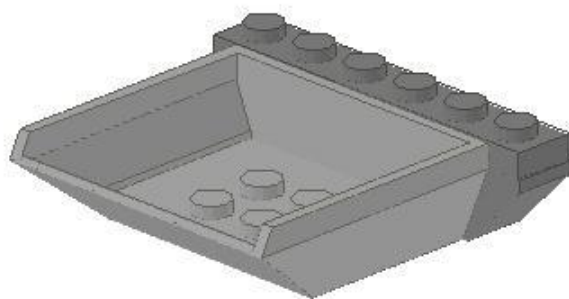
1	Light-Gray	Tile 1 x 2 with Groove	3069B.DAT
1	Light-Gray	Tipper Bucket Small	2512.DAT
1	Light-Gray	Wedge 4 x 4 Triple Inverted	4855.DAT
1	Light-Gray	Wedge 6 x 4 Inverted	4856.DAT
2	Light-Gray	Arch 1 x 4	3659.DAT
2	Light-Gray	Bracket 1 x 2 - 1 x 4	2436.DAT
2	Light-Gray	Bracket 1 x 2 - 2 x 2	44728.DAT
2	Light-Gray	Brick 2 x 2 Corner	2357.DAT
2	Light-Gray	Cylinder 3 x 6 x 2 2/3 Horizontal	30360.DAT
2	Light-Gray	Plate 1 x 6	3666.DAT
2	Light-Gray	Plate 2 x 2	3022.DAT
2	Light-Gray	Slope Brick 33 3 x 1	4286.DAT
2	Light-Gray	Slope Brick 45 2 x 1 Inverted	3665.DAT
2	Light-Gray	Slope Brick 45 2 x 2	3039.DAT
2	Light-Gray	Technic Brick 1 x 2 with Hole	3700.DAT
2	Light-Gray	Tile 1 x 8	4162.DAT
2	Light-Gray	Wedge 6 x 4	6153.DAT
3	Light-Gray	Plate 1 x 2 with 1 Stud	3794.DAT
4	Light-Gray	Brick 2 x 1 x 1 & 1/3 with Curved Top	6091.DAT
4	Light-Gray	Plate 1 x 2 with Handle	2540.DAT
4	Light-Gray	Technic Brick 1 x 2 with Holes	32000.DAT
4	Light-Gray	Tile 1 x 1 with Clip	2555.DAT
4	Light-Gray	Tile 2 x 2 with Groove	3068B.DAT
5	Light-Gray	Brick 1 x 2	3004.DAT
5	Light-Gray	Plate 1 x 3	3623.DAT
5	Light-Gray	Plate 2 x 3	3021.DAT
5	Light-Gray	Tile 1 x 4	2431.DAT
6	Light-Gray	Brick 1 x 1 with Headlight	4070.DAT
7	Light-Gray	Tile 1 x 2 Grille with Groove	2412B.DAT
8	Light-Gray	Technic Pin 1/2	4274.DAT
9	Light-Gray	Plate 1 x 2	3023.DAT
13	Light-Gray	Plate 1 x 1 Round	4073.DAT
1	Red	Plate 1 x 2	3023.DAT
1	Red	Plate 2 x 4	3020.DAT
2	Trans-Black	Tile 1 x 2 with Groove	3069B.DAT
2	Trans-Blue	Tile 1 x 2 with Groove	3069B.DAT
1	Trans-Green	Tile 1 x 1 with Groove	3070B.DAT
5	Trans-Light-Green	Brick 2 x 2 Round	3941.DAT
8	Trans-Light-Green	Brick 1 x 1 Round with Hollow Stud	3062B.DAT
1	Trans-Red	Tile 1 x 1 with Groove	3070B.DAT
1	White	Brick 1 x 2	3004.DAT
2	White	Dish 2 x 2 Inverted	4740.DAT
2	White	Plate 1 x 2 with 1 Stud	3794.DAT
1	Yellow	Plate 2 x 3	3021.DAT
1	Yellow	Plate 2 x 6	3795.DAT
2	Yellow	Brick 2 x 2	3003.DAT
2	Yellow	Plate 1 x 1 Round	4073.DAT

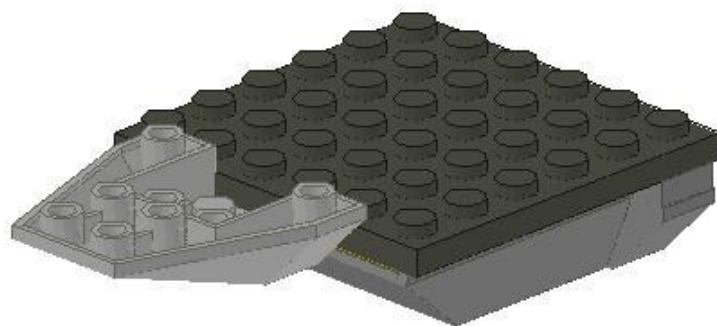
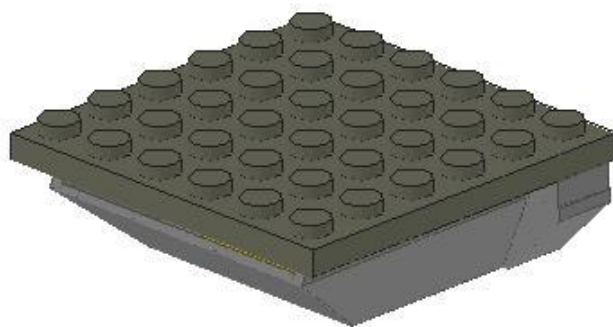
There are a total of 239 parts required.

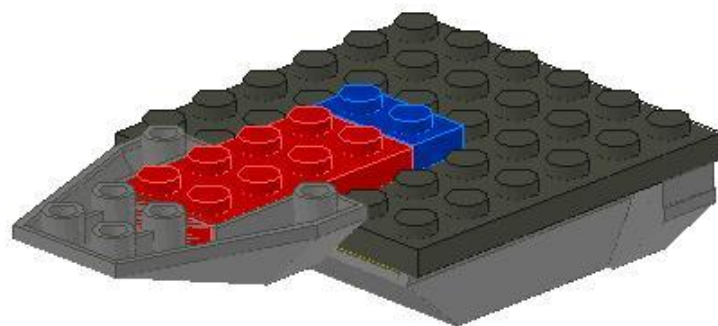
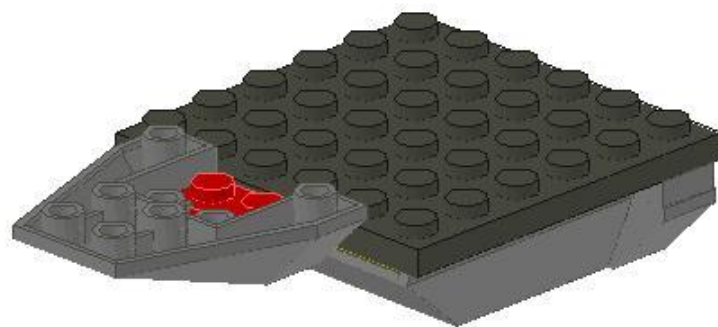
We'll begin by building the main hull of Serenity.

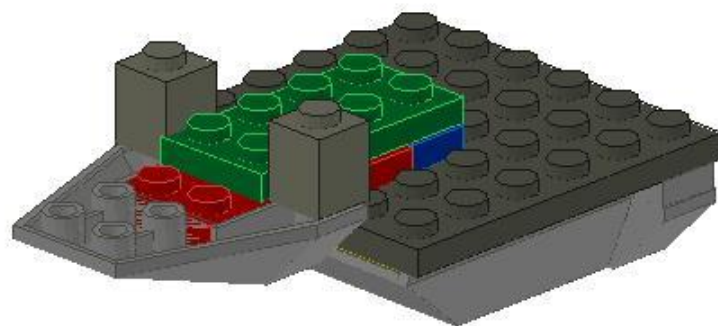
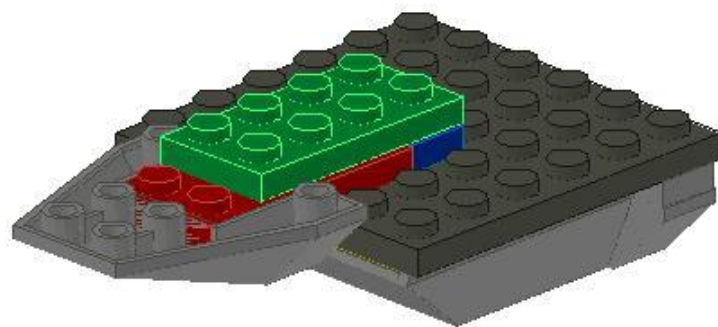
(You'll notice that parts from previous steps appear to change to a slightly darker color – don't worry about that – it's just a method to help you identify the new parts you need to be adding.)

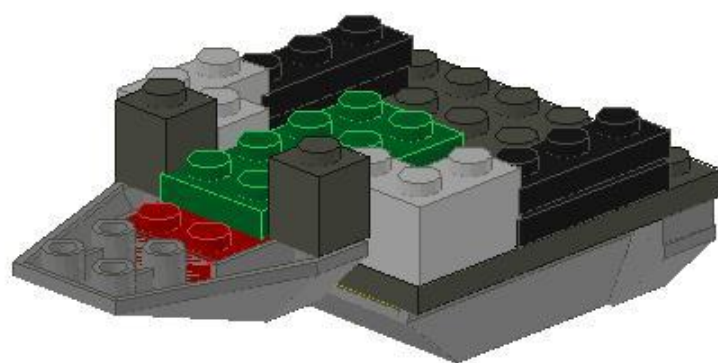
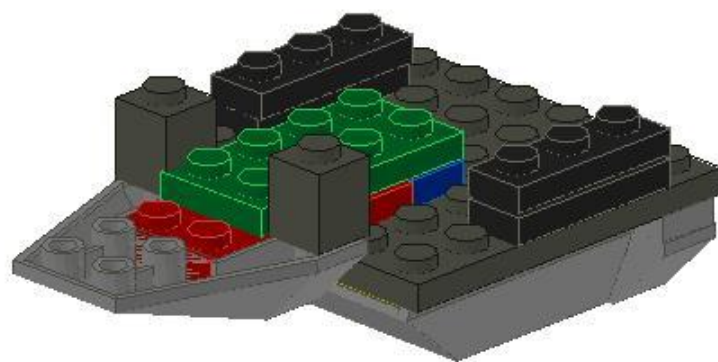




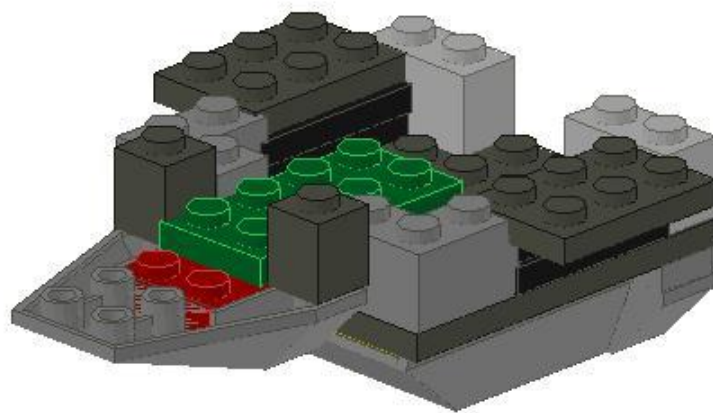
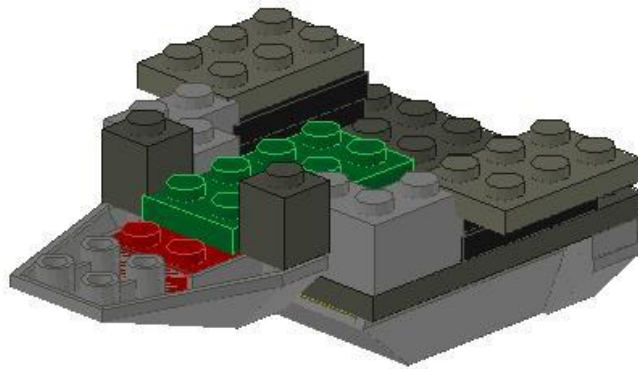


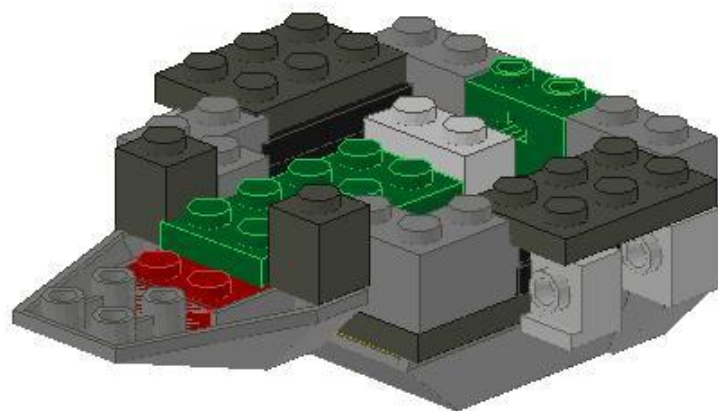
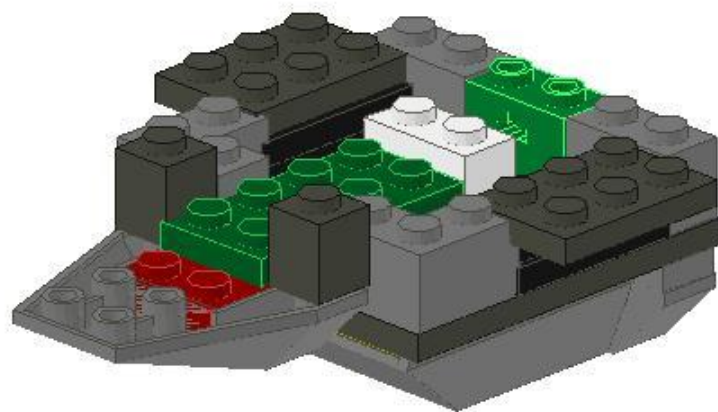


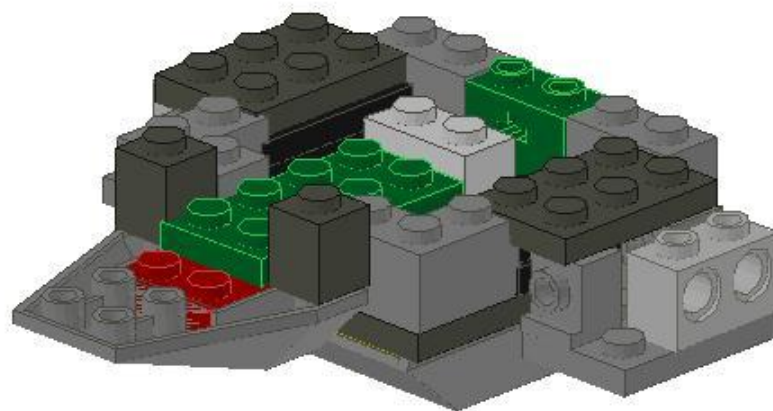
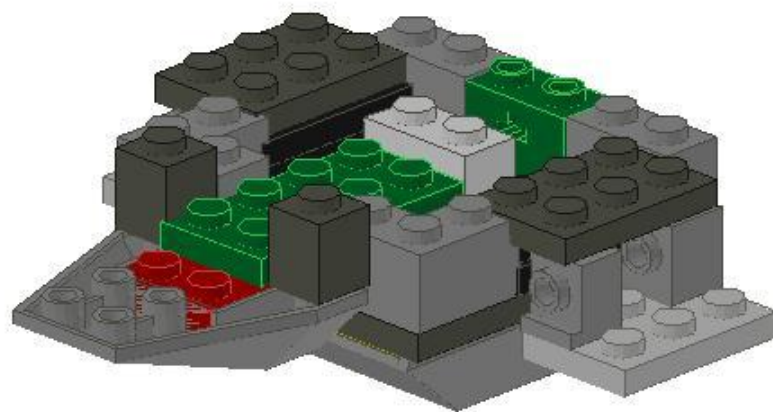


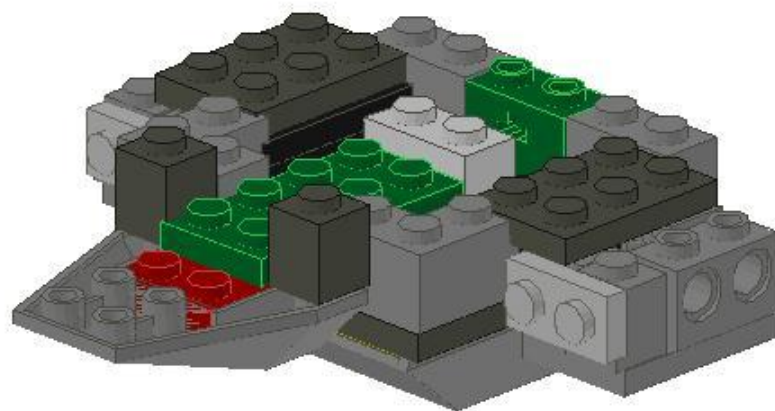
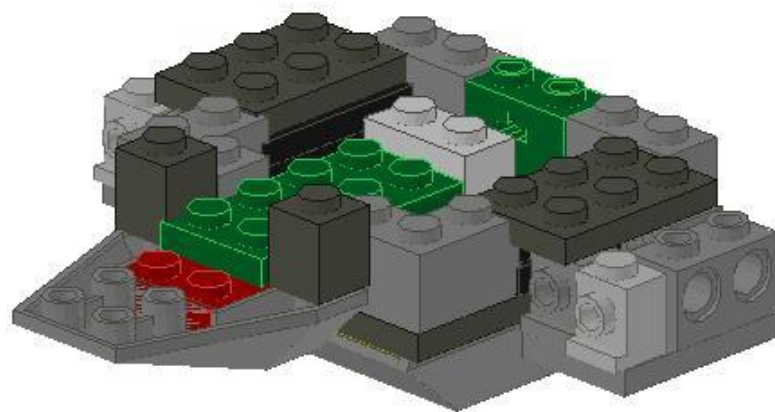


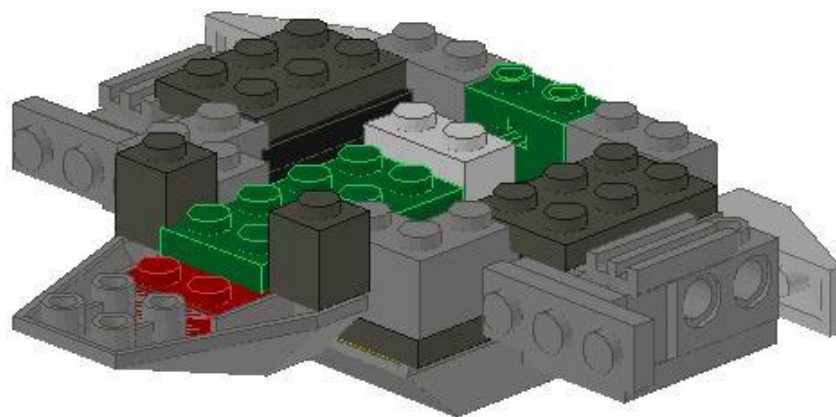
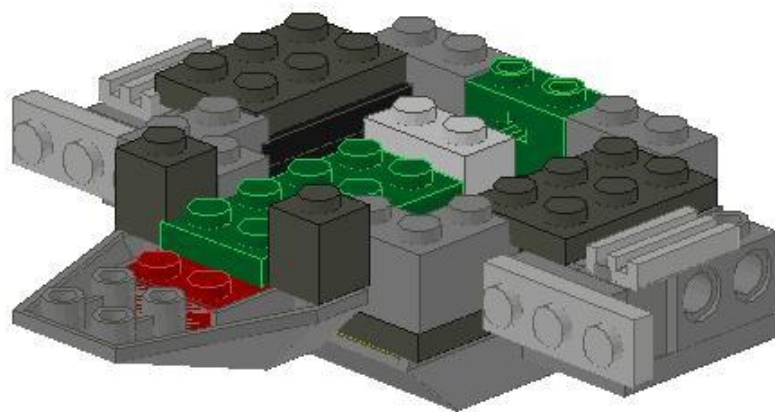
As the wings are assembled, you'll be matching the parts on both sides of the hull...

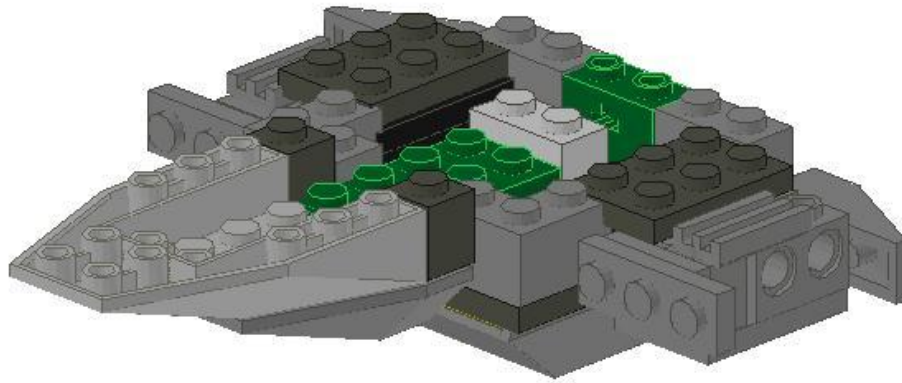




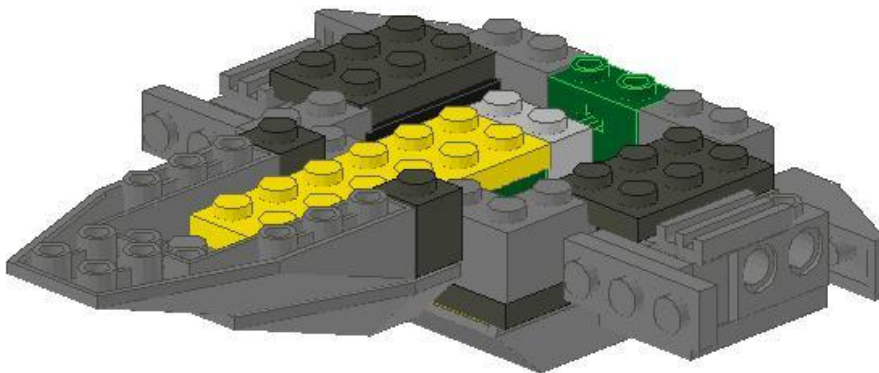


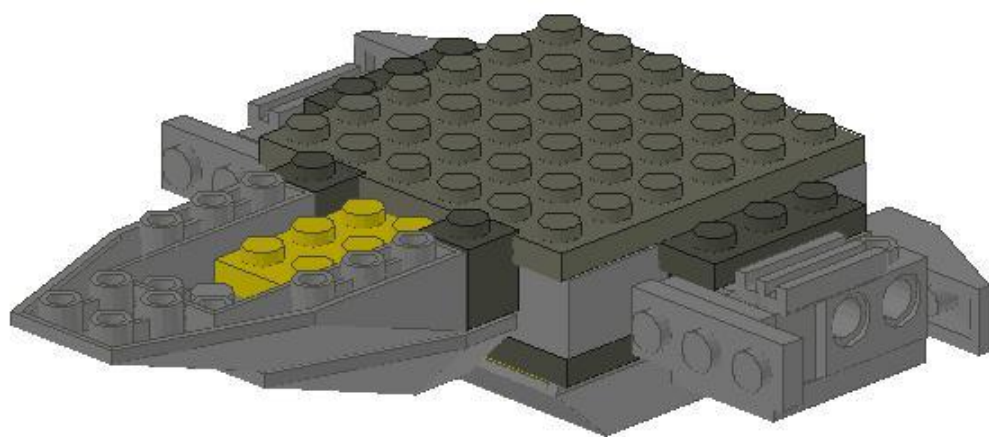


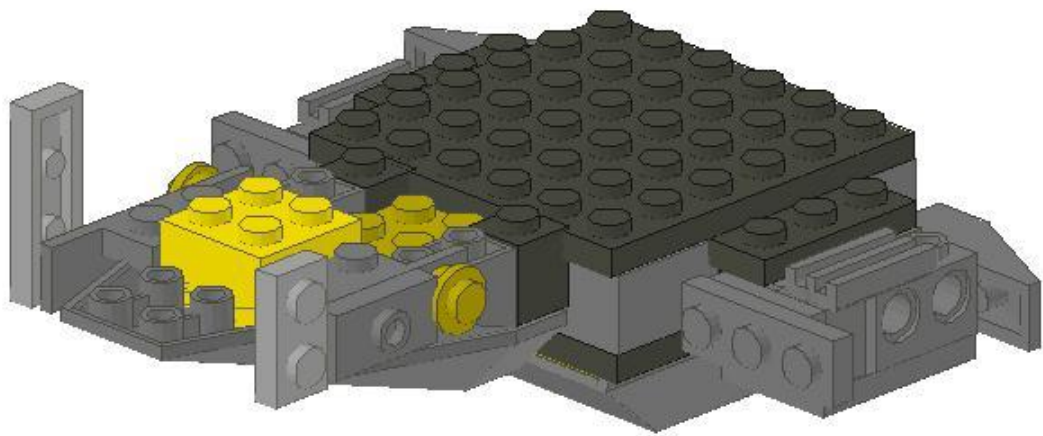
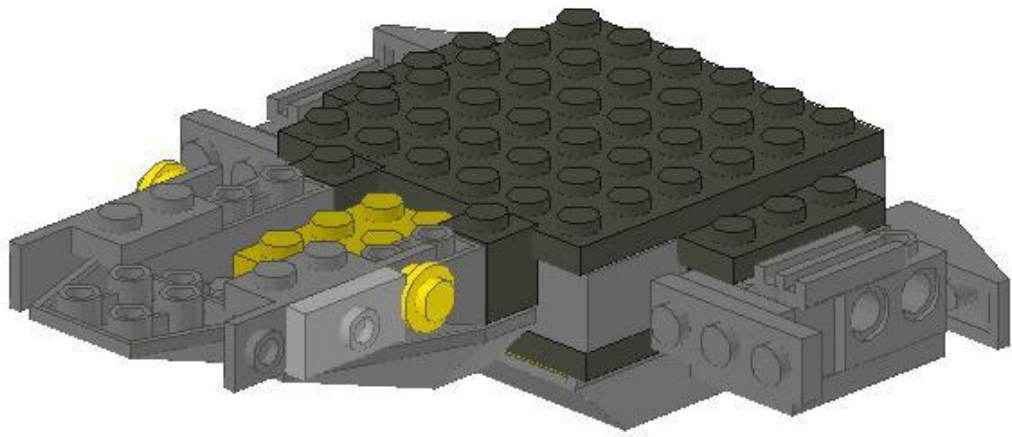


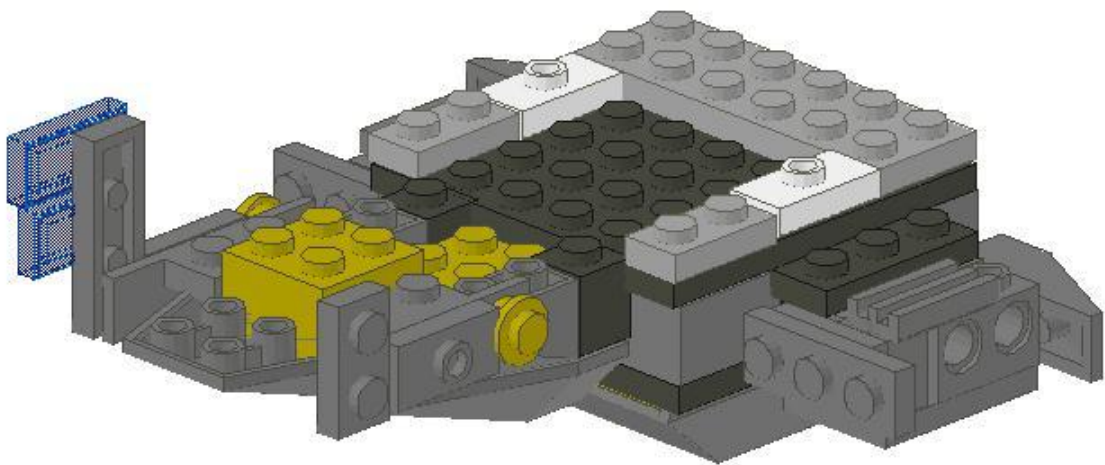
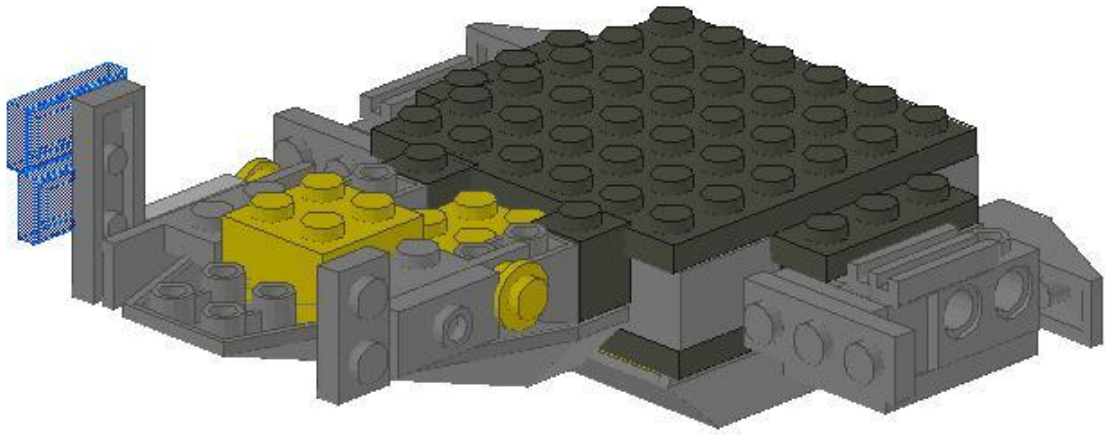


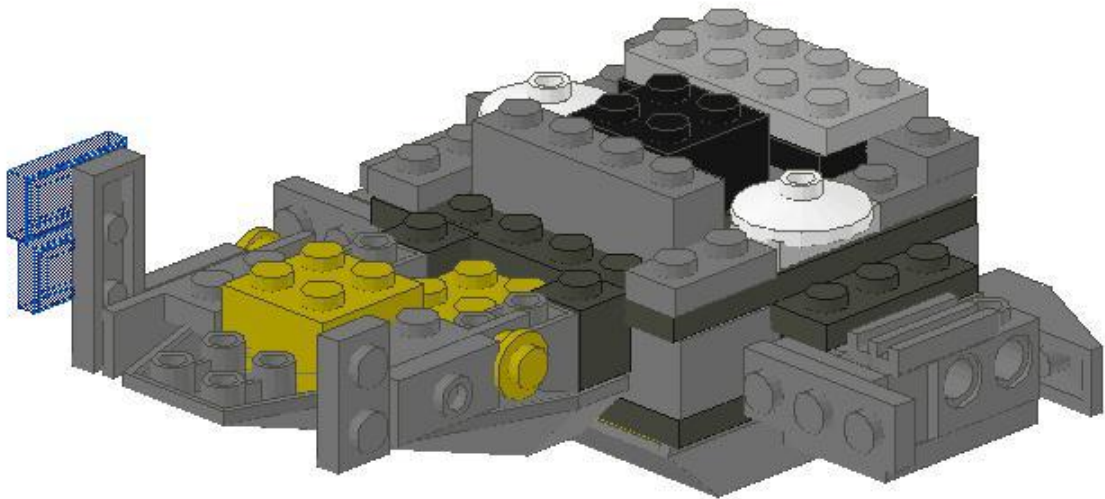
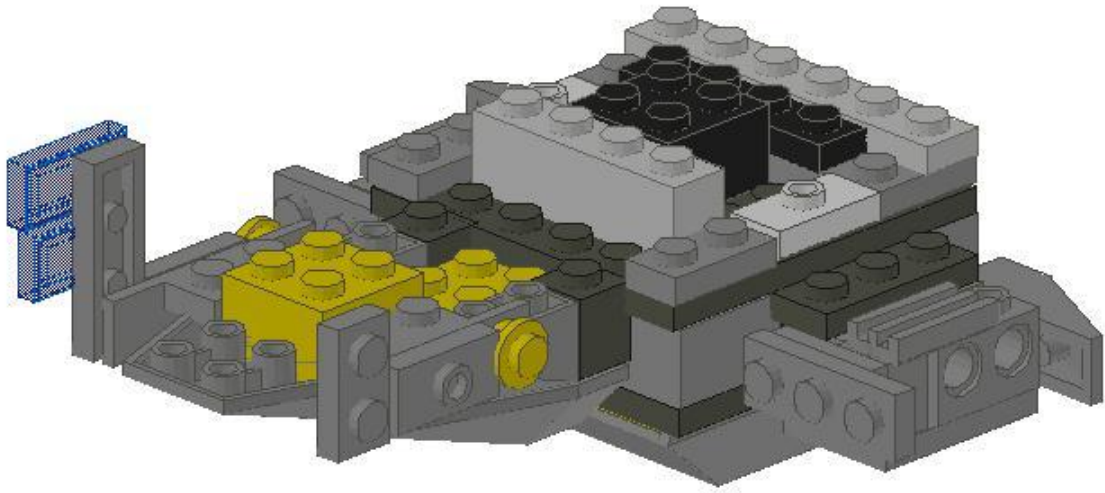
The yellow plate is actually shown wrong – it should be one dot forward (you'll have a one dot gap between the white brick and the yellow with the green showing through). Correctly placed, it provides a solid area for the yellow 2x2 brick in later steps to sit on.

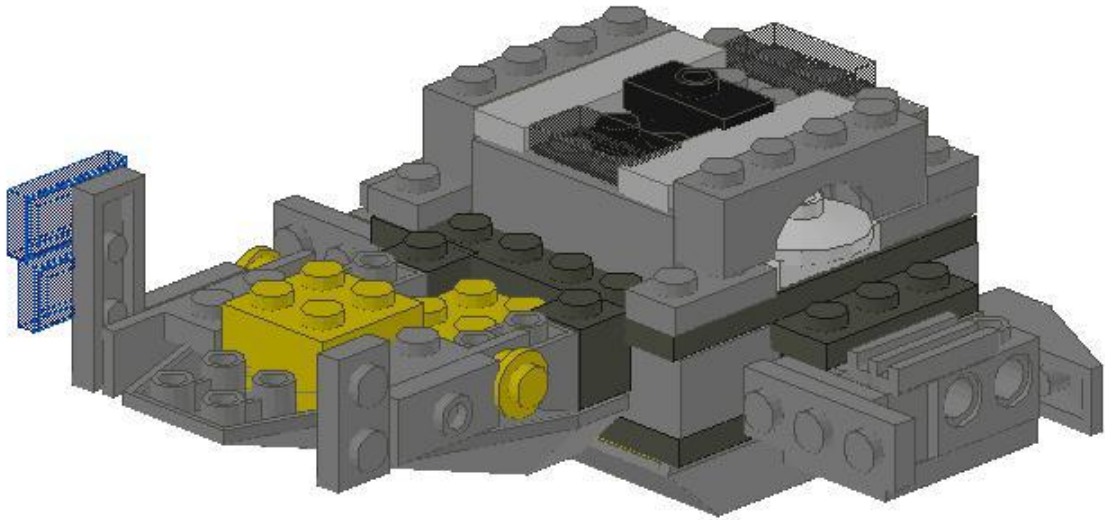
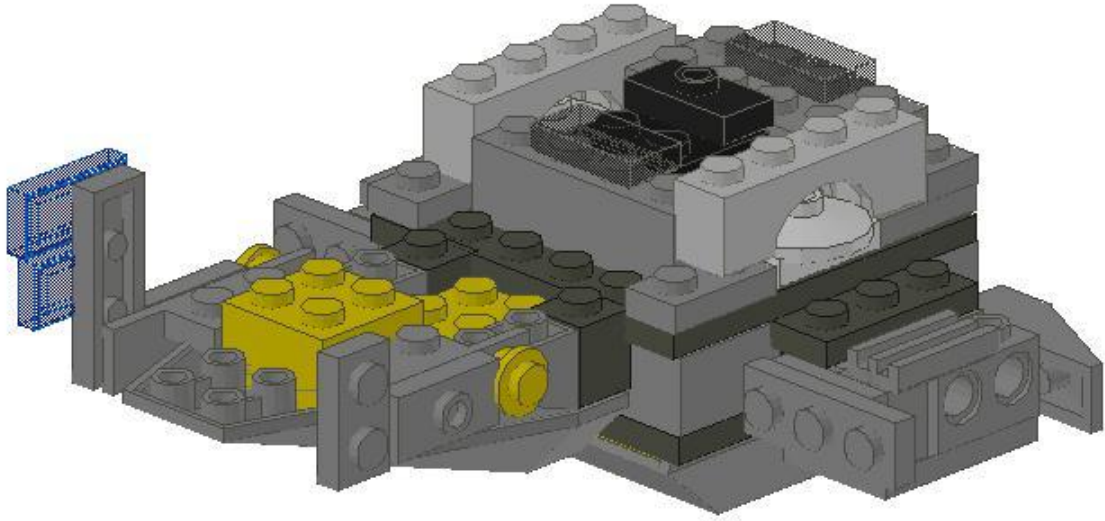


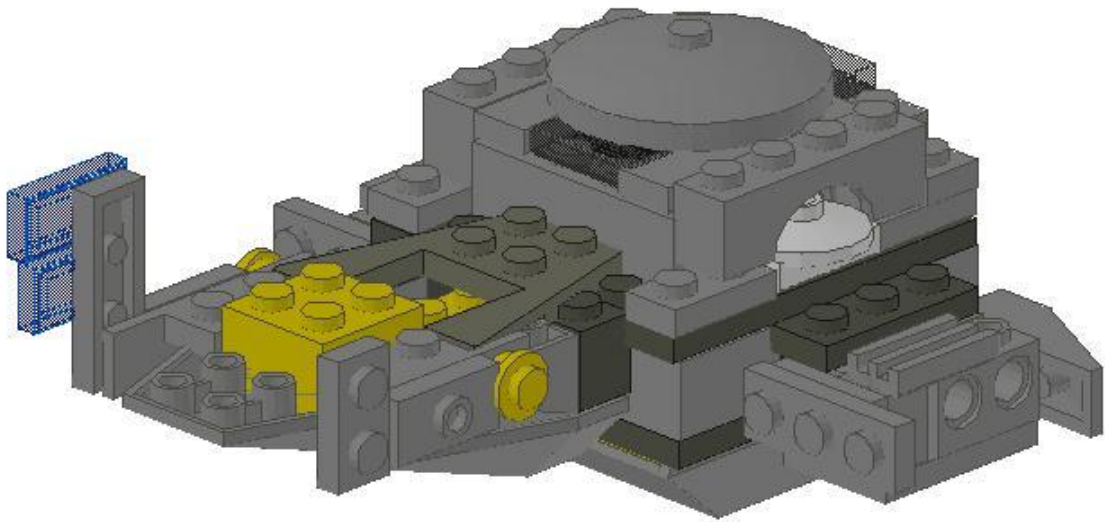
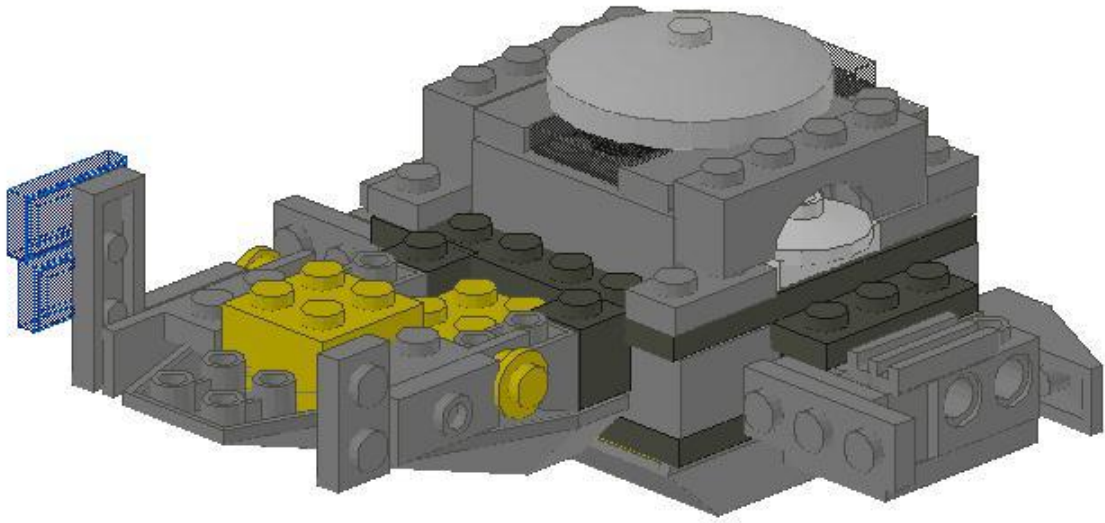


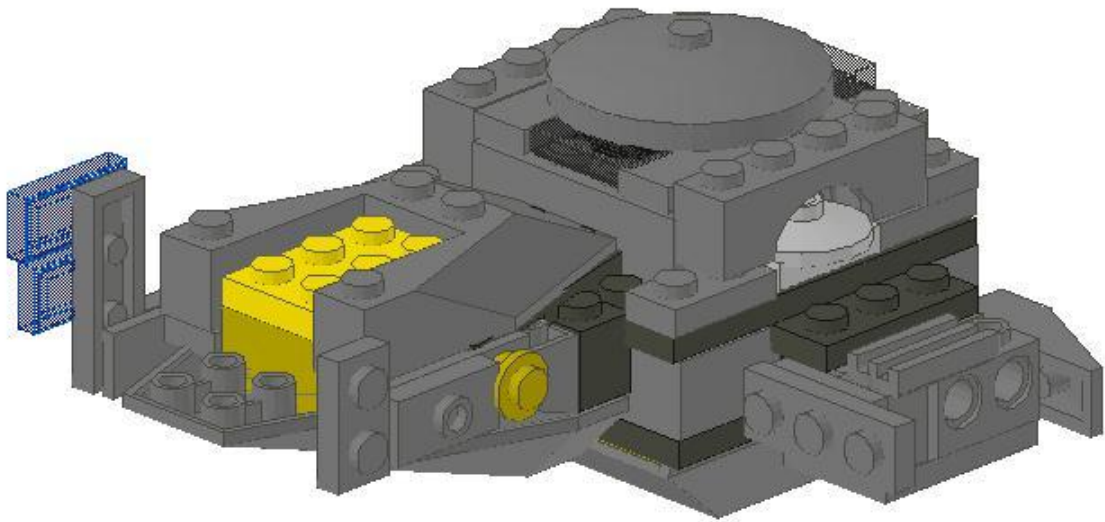
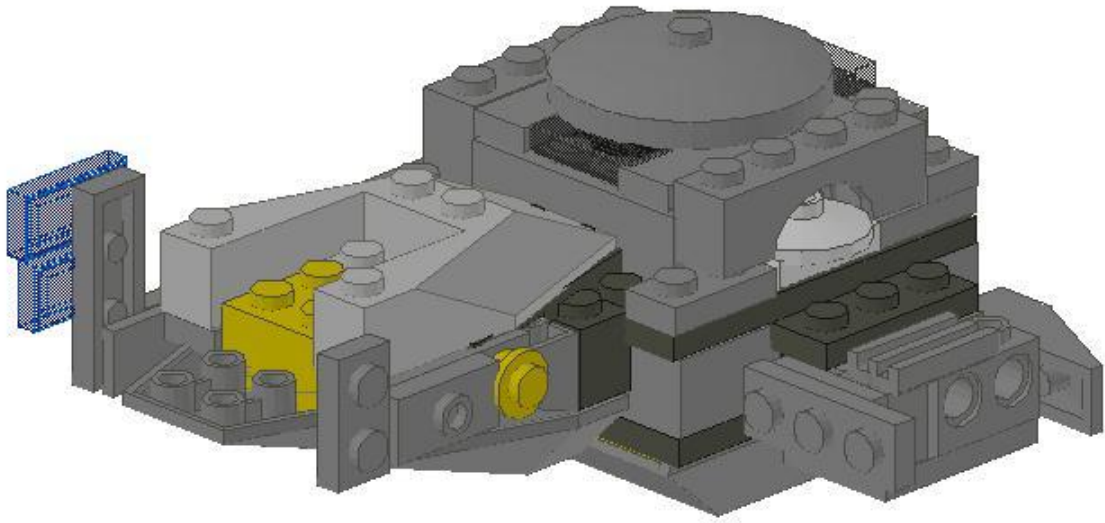


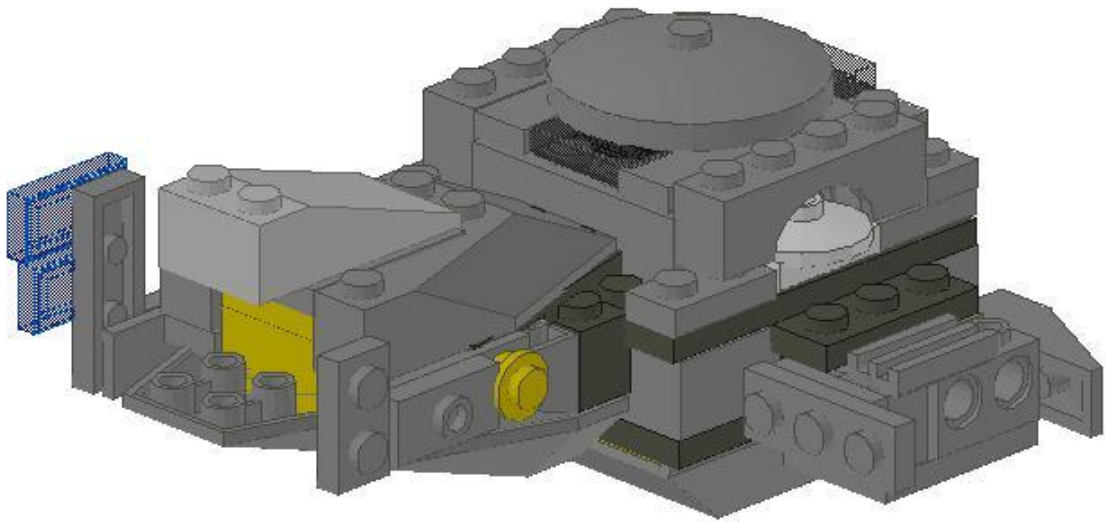
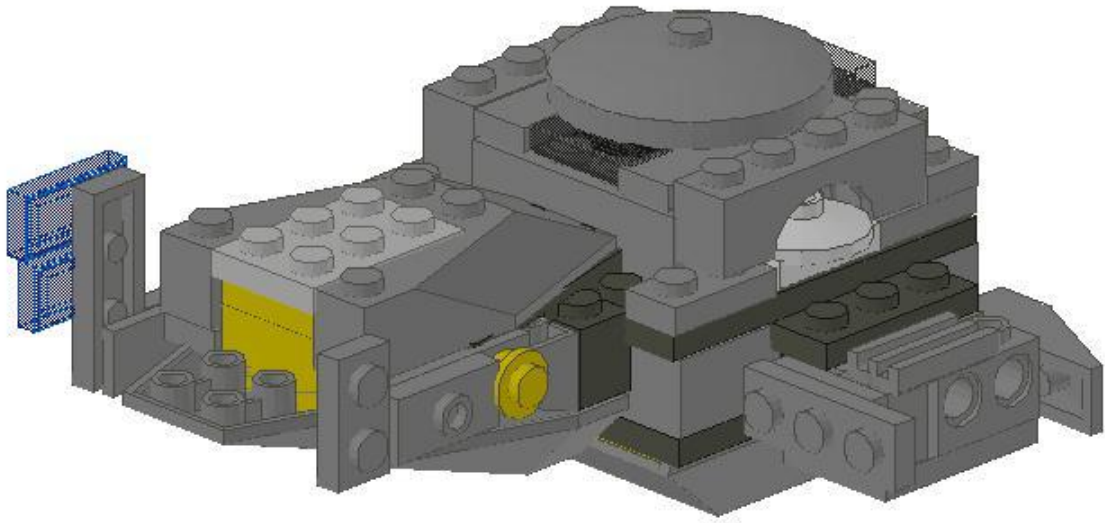




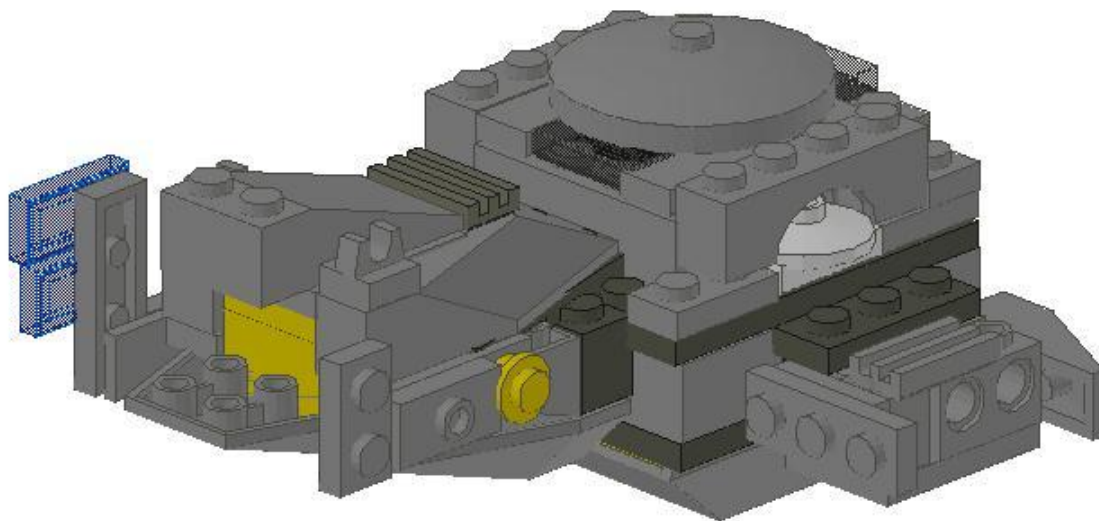
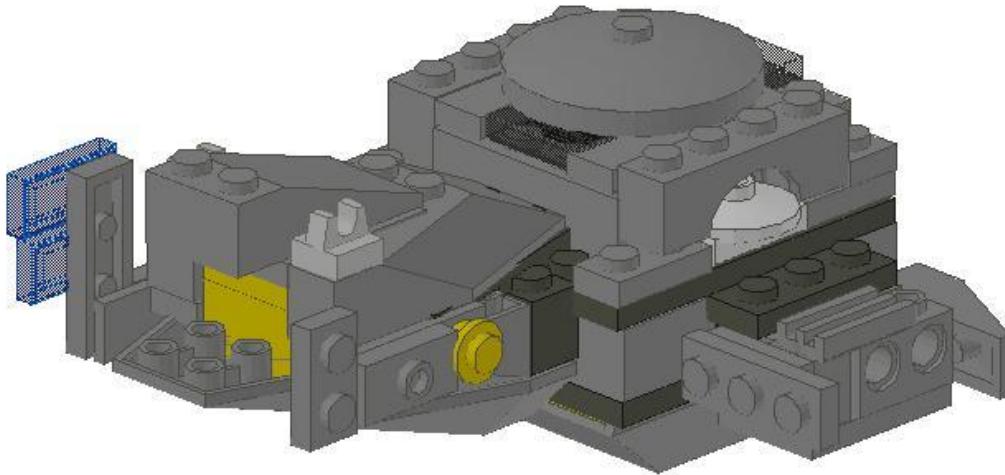


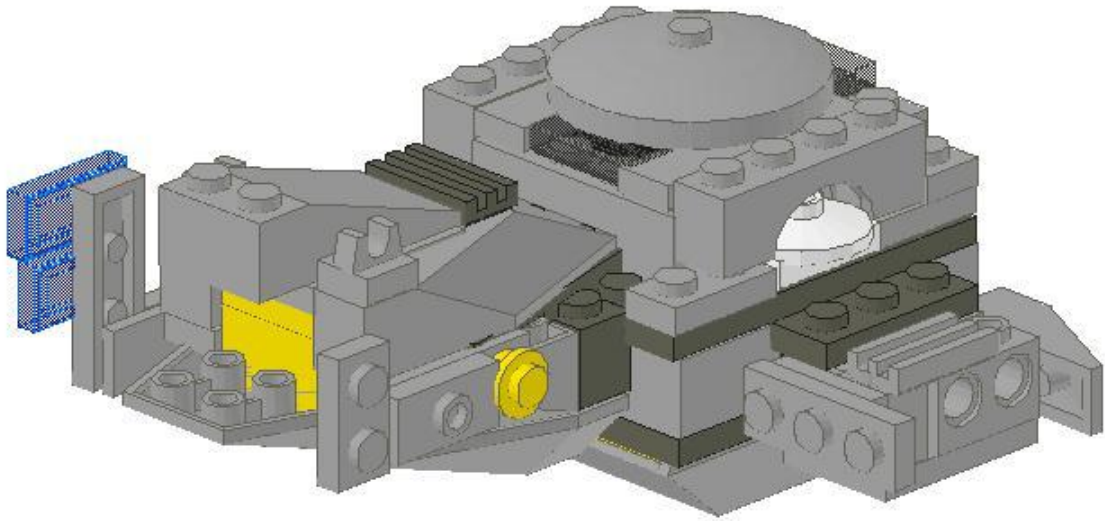






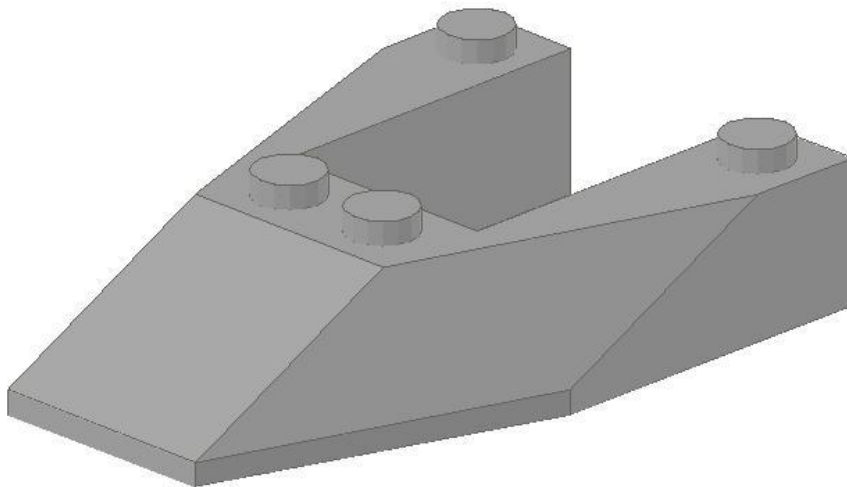
(There is a clip on both sides of the slope)

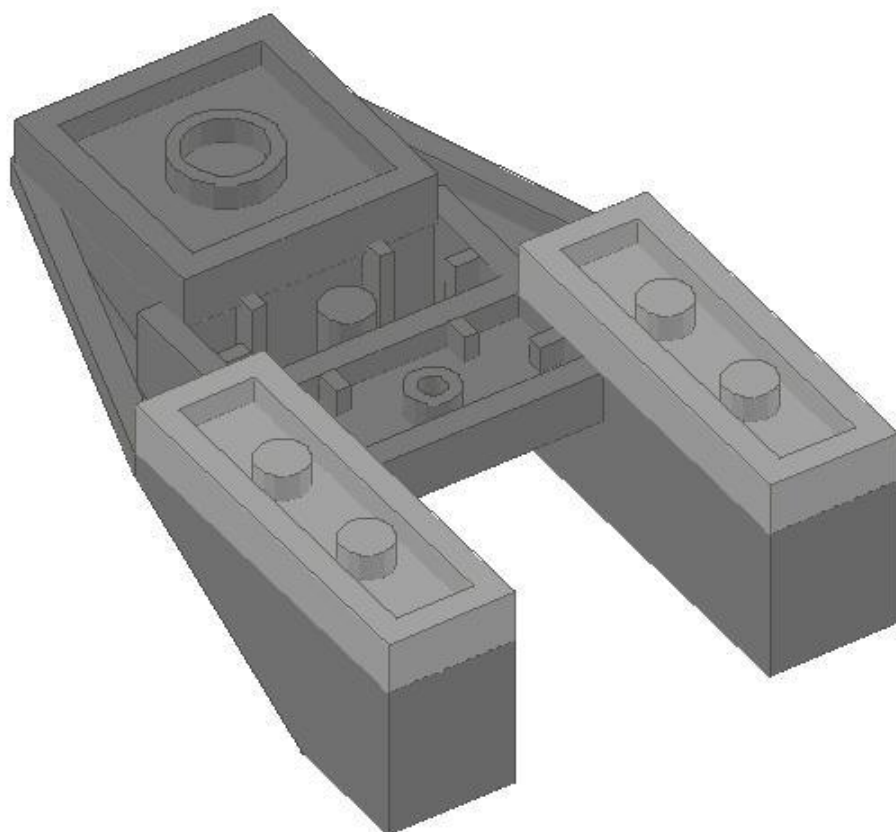
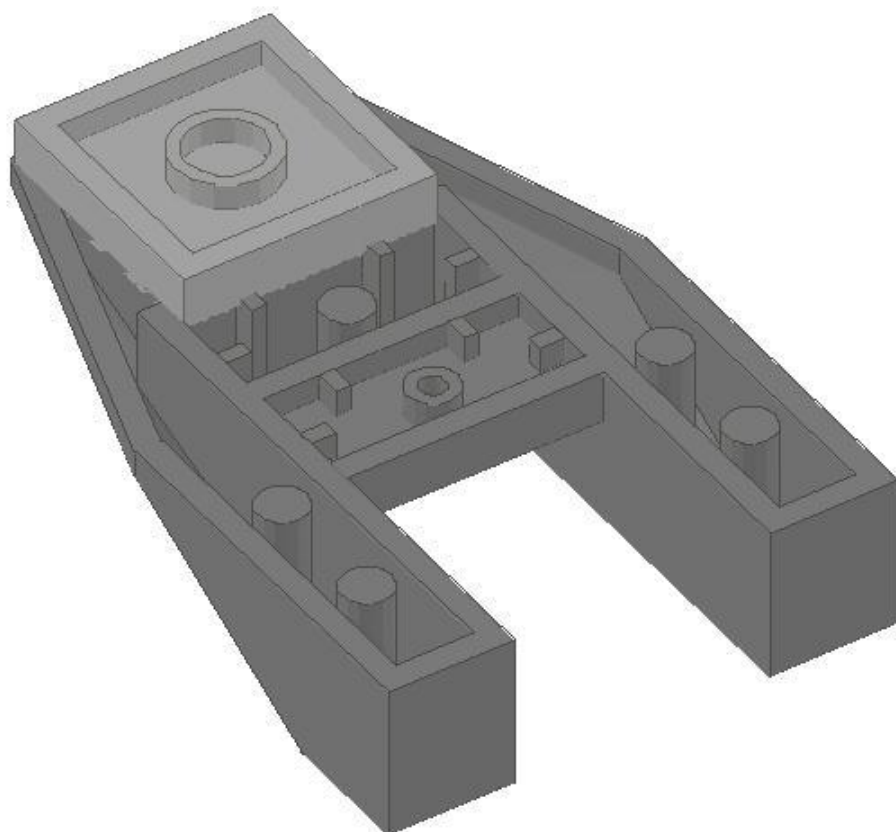


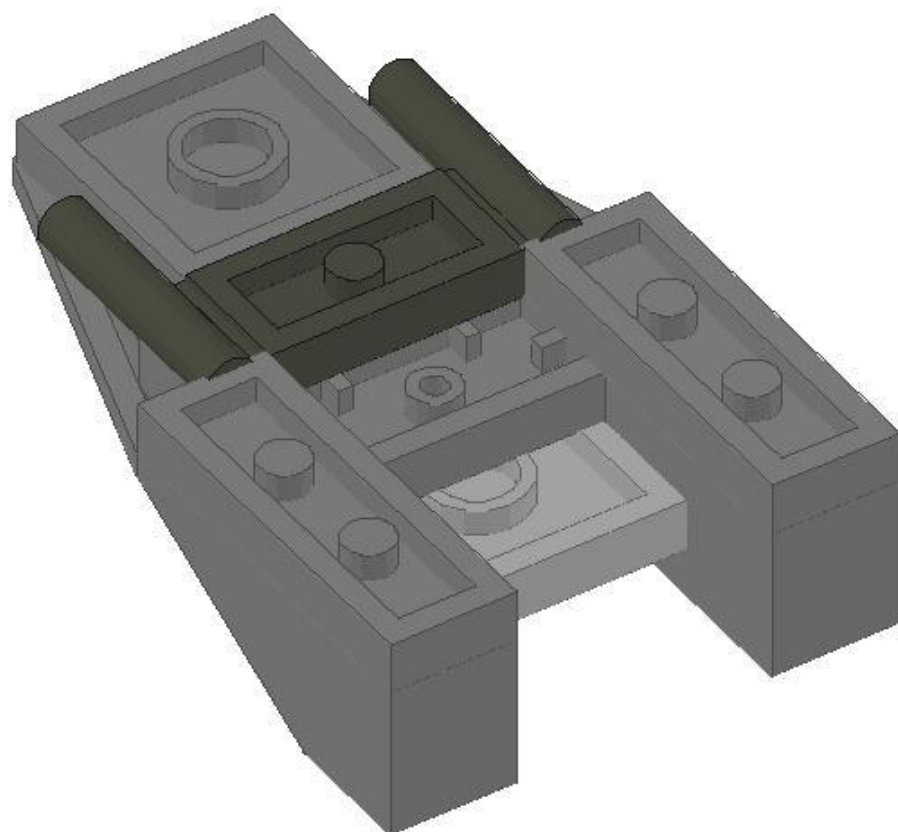
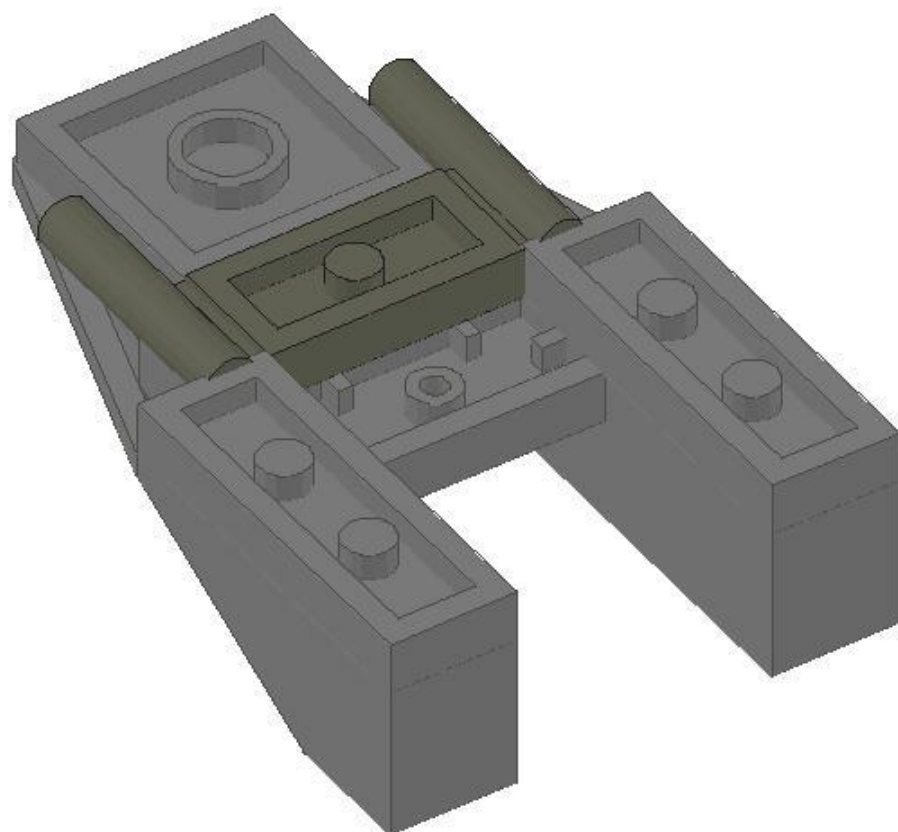


Next we'll be building Serenity's Bridge area.

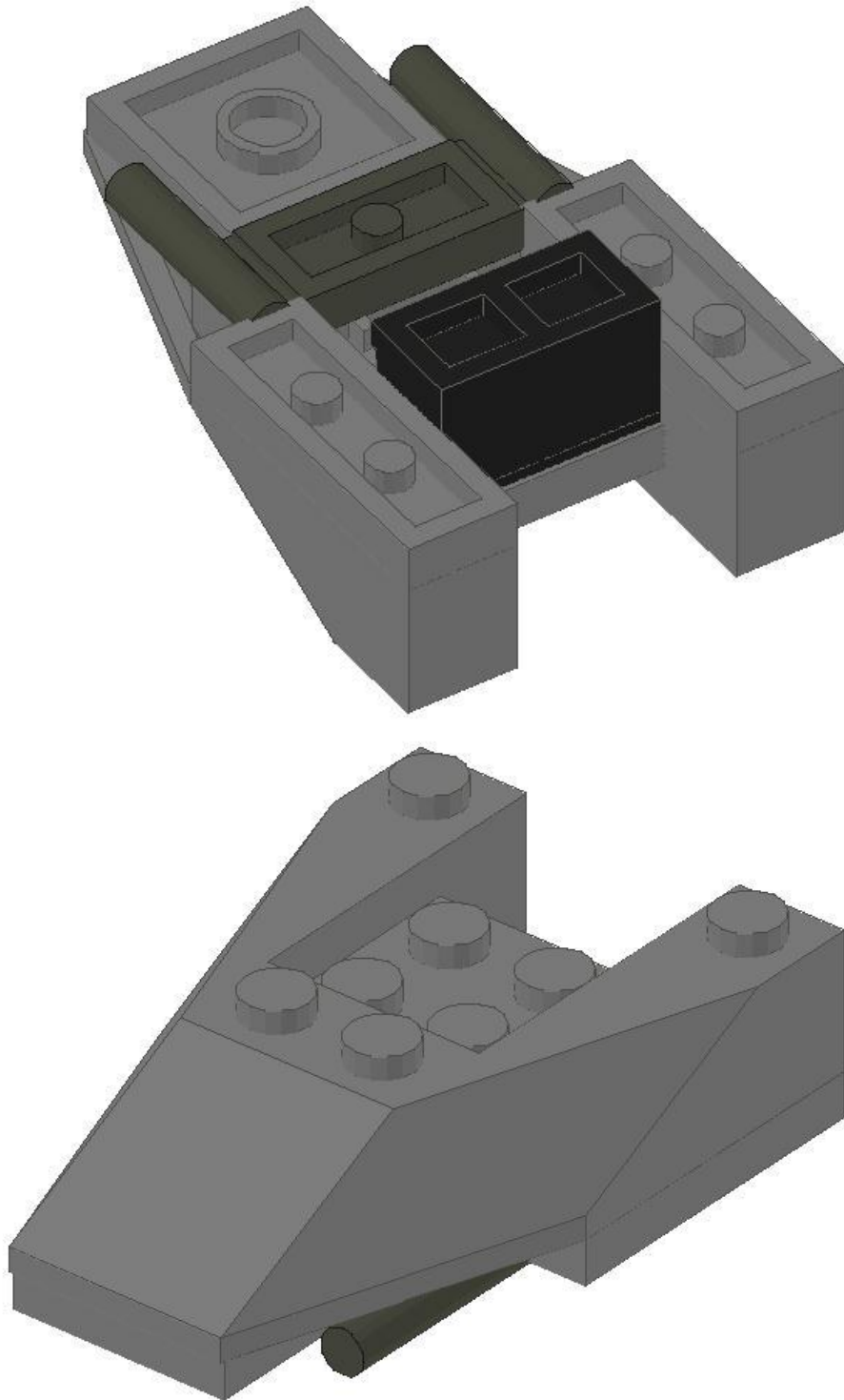
You can set aside the main hull for a moment...and start building again with this bit:

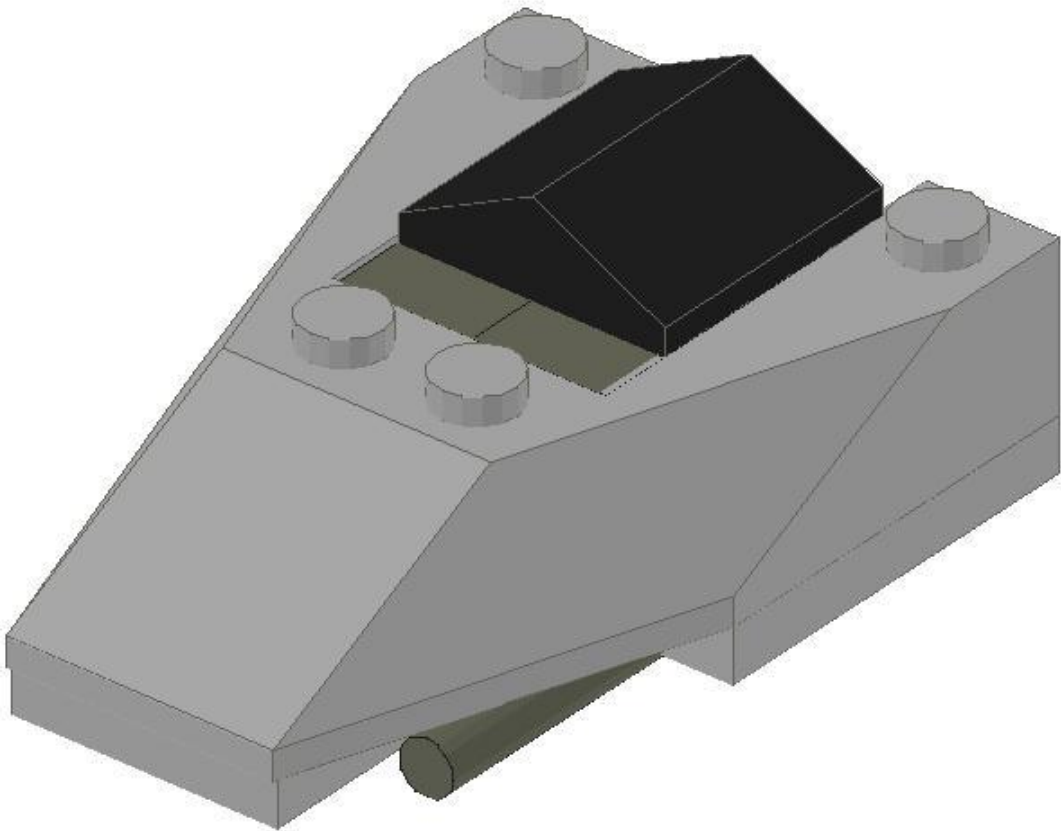
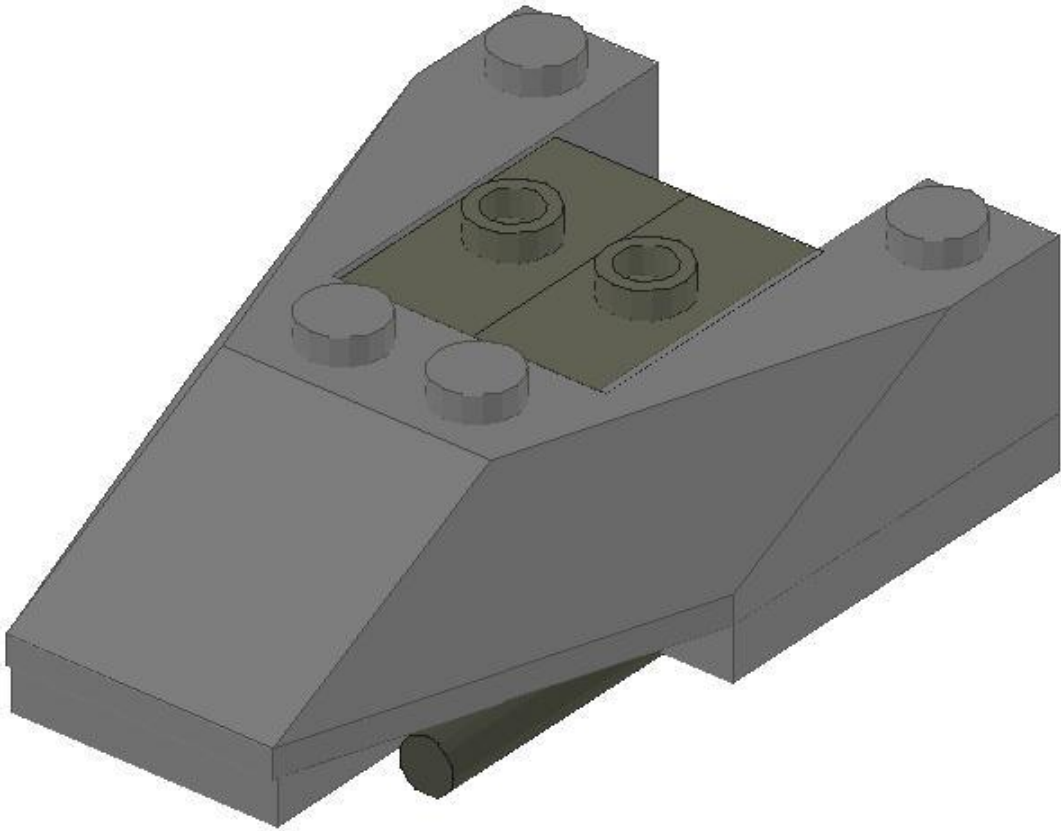




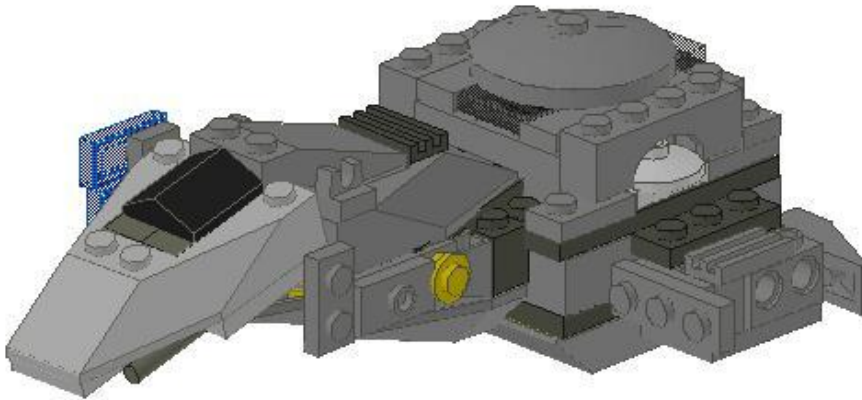


The black brick in this step is the two-part hinge brick. Assemble it (if you haven't already) and then place it so that the hinge is aligned as shown in this picture. If you don't, the neck won't bend properly.) Also, the brick with the handles is BLACK, not grey.

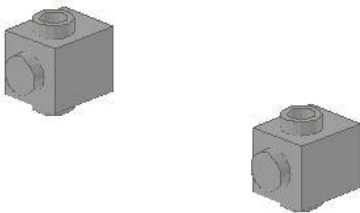


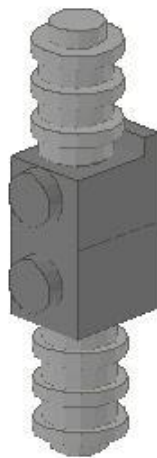
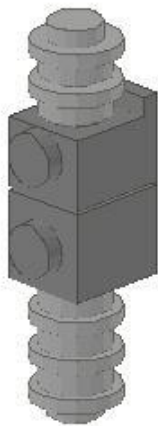
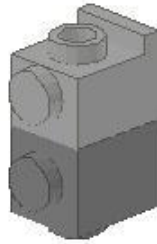
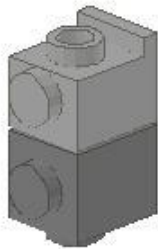


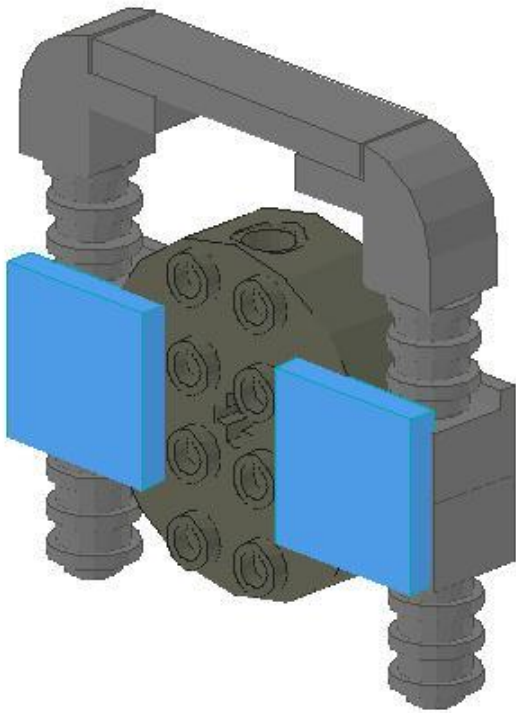
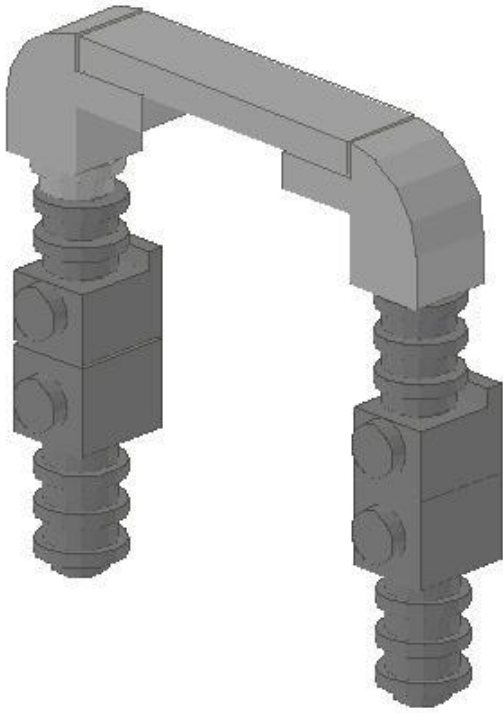
You can now attach the bridge to the main hull as shown here:

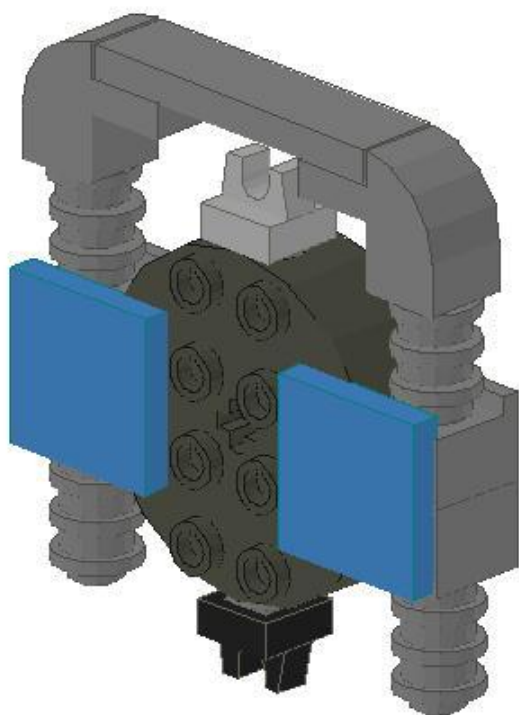
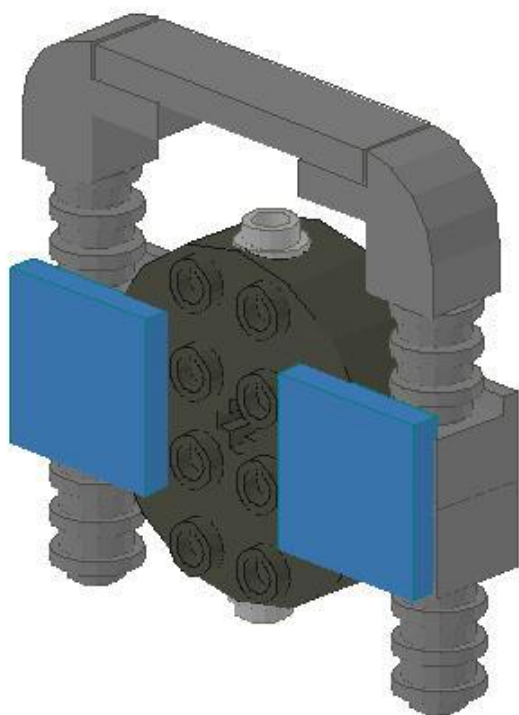


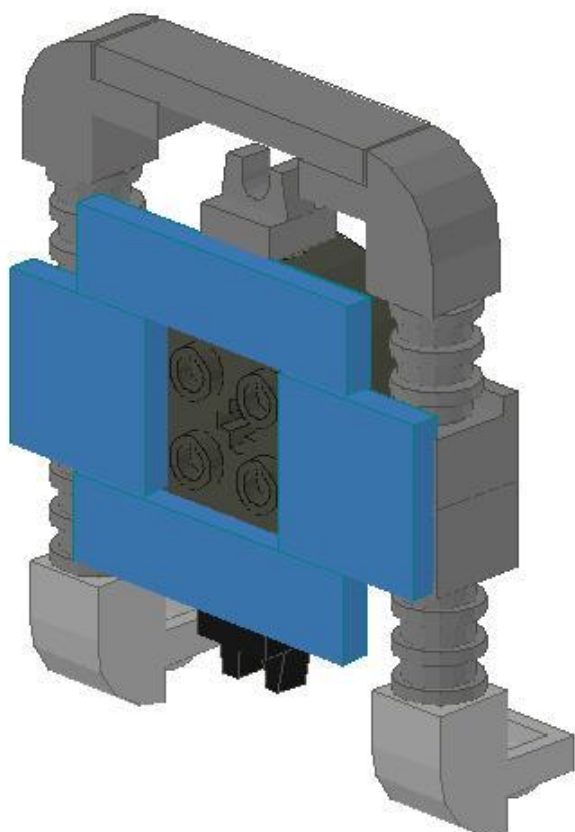
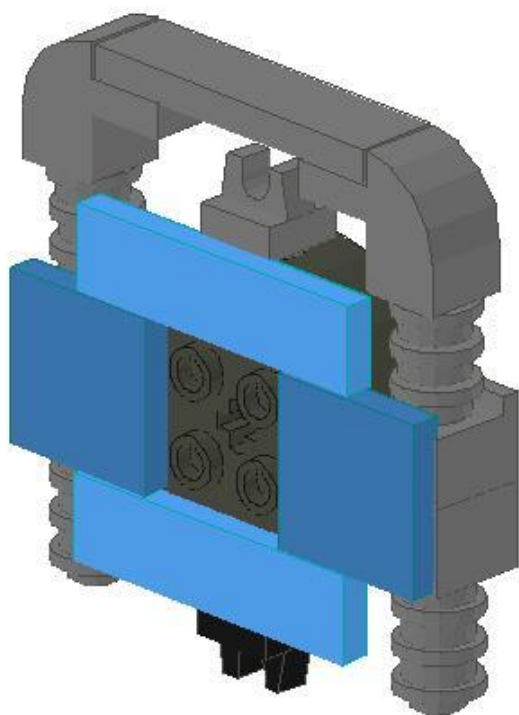
Next, we'll be building the Light Ring. Set aside the main model for now, and start again with these bits:

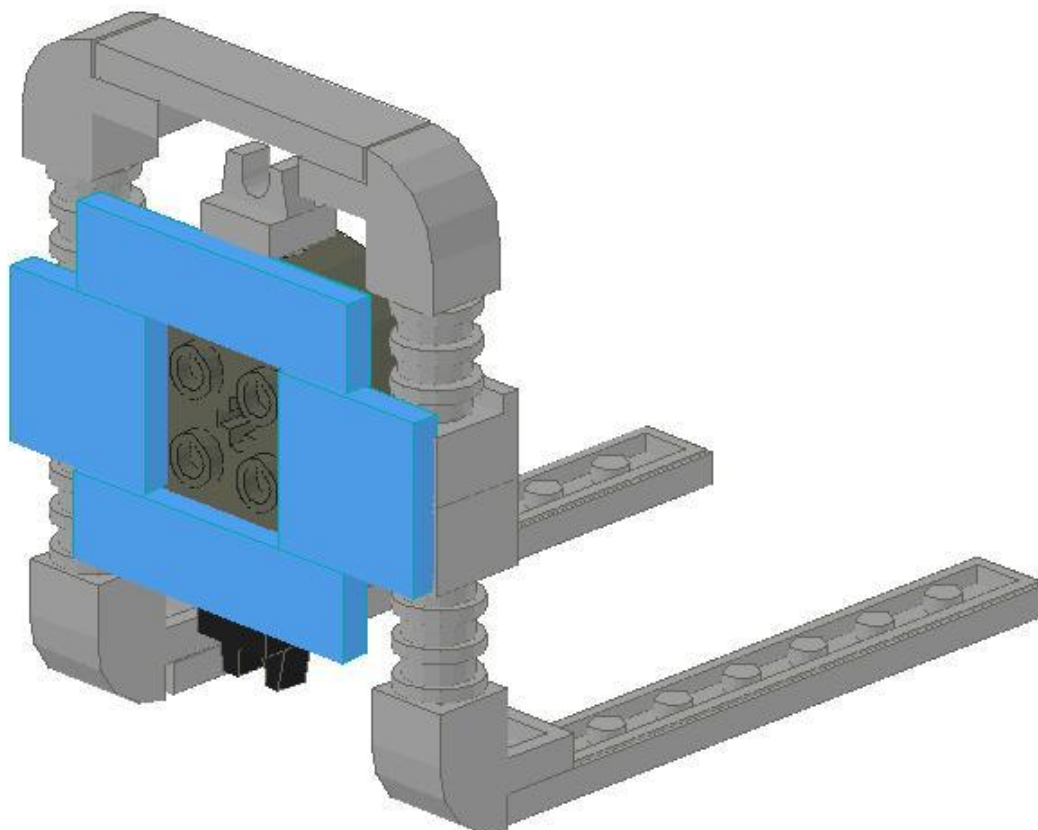




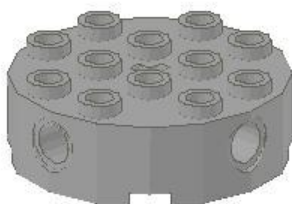


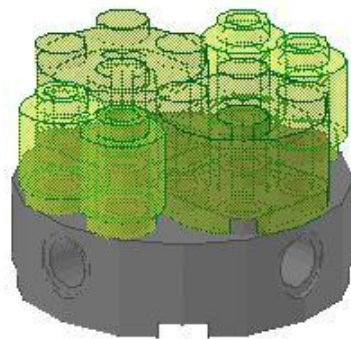
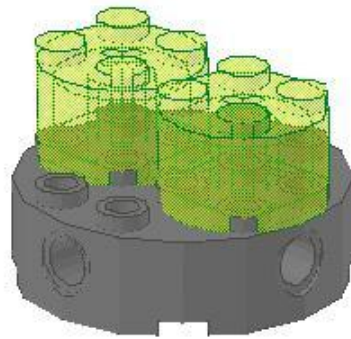


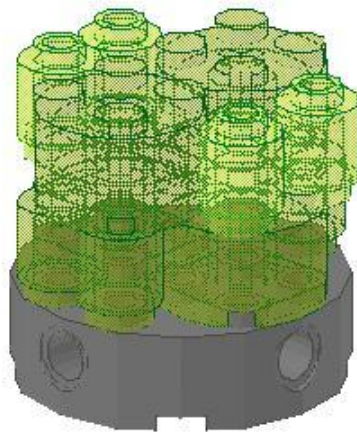
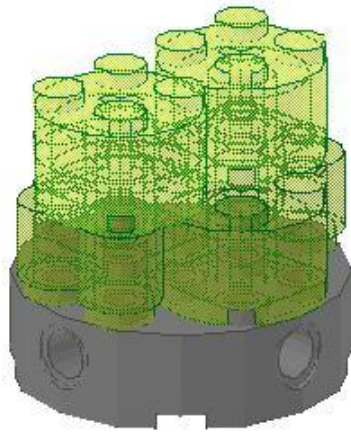


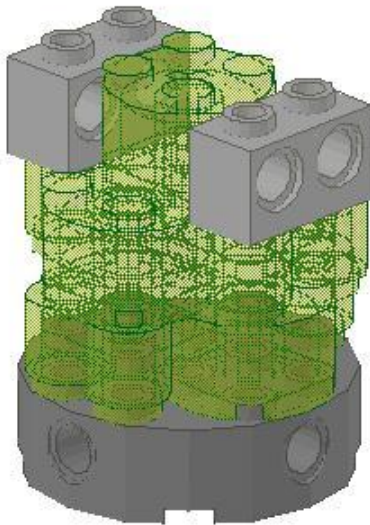
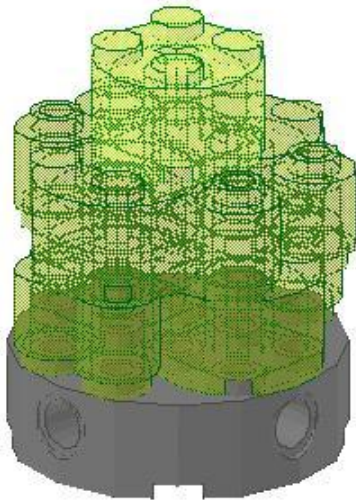


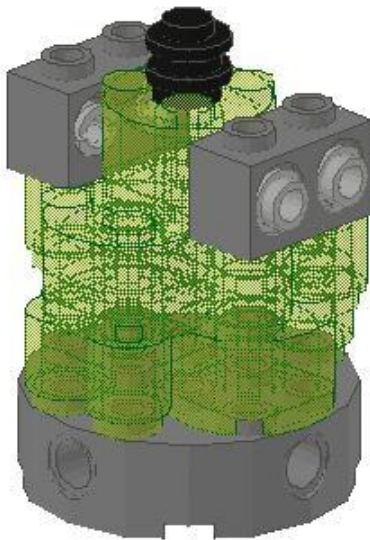
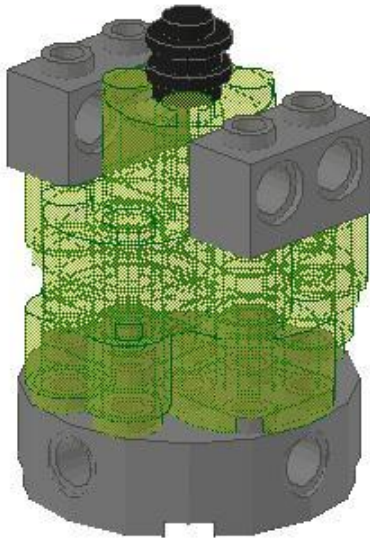
Set aside this section for now, and start building again with this part:

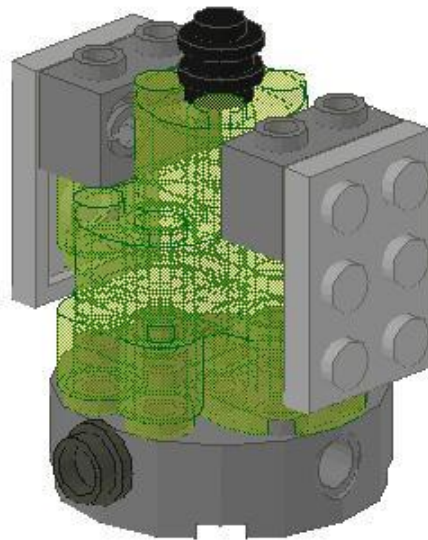
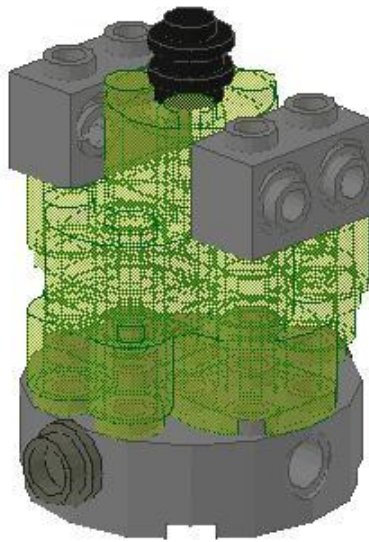


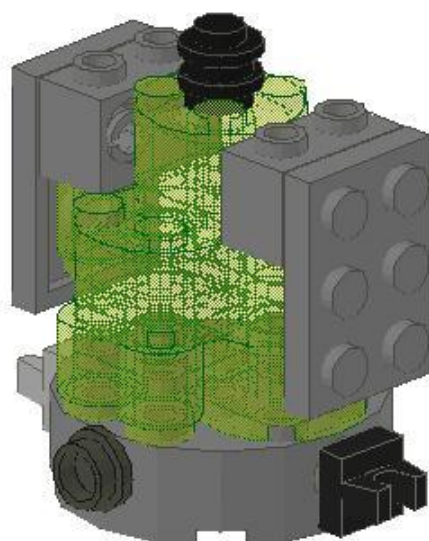
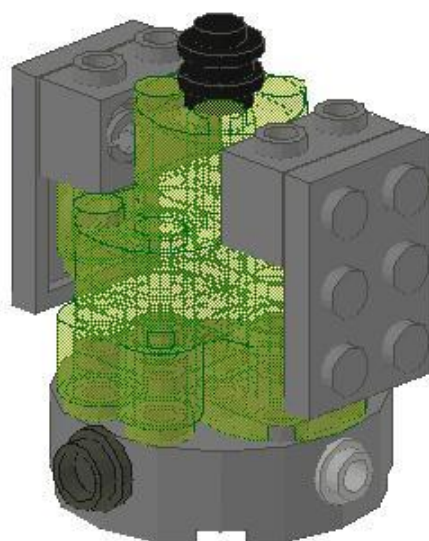


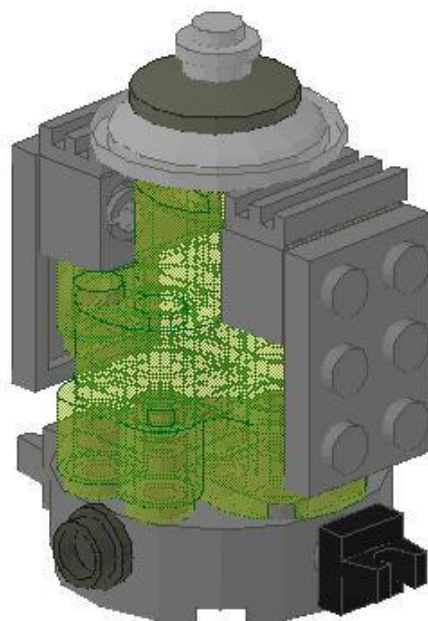
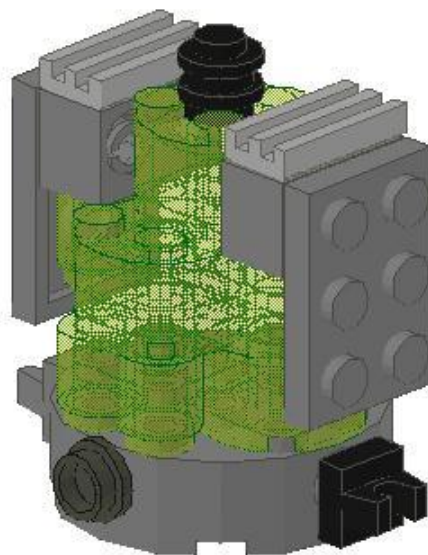


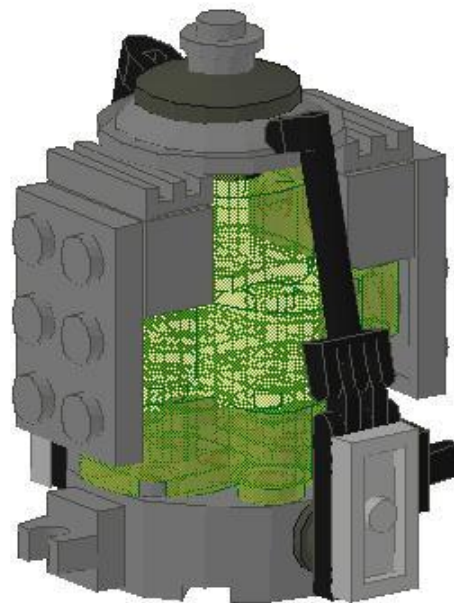
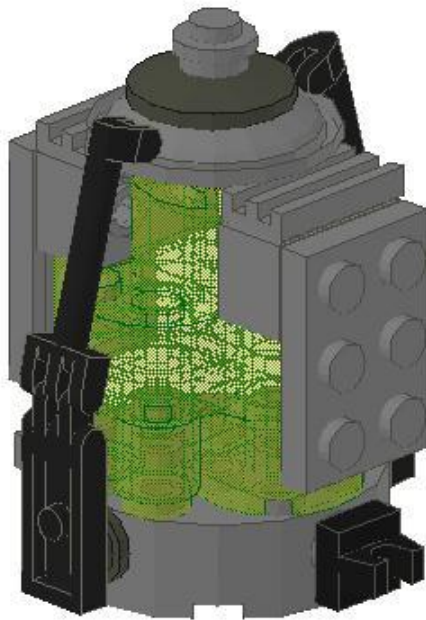


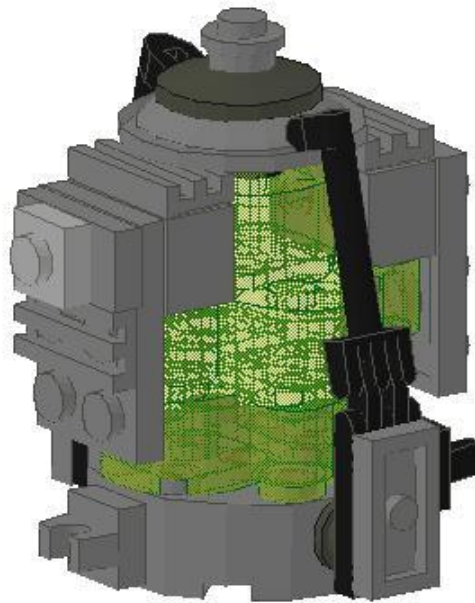
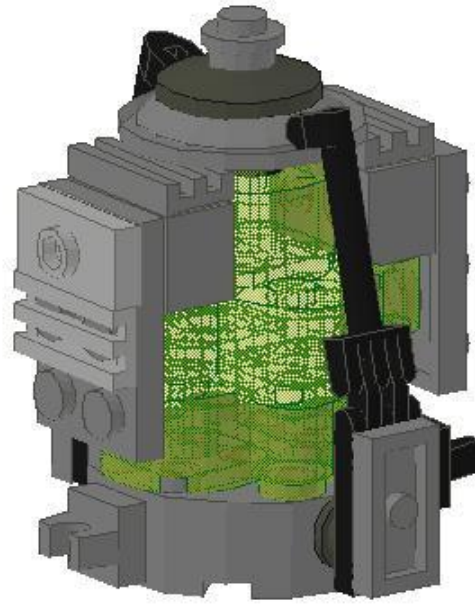


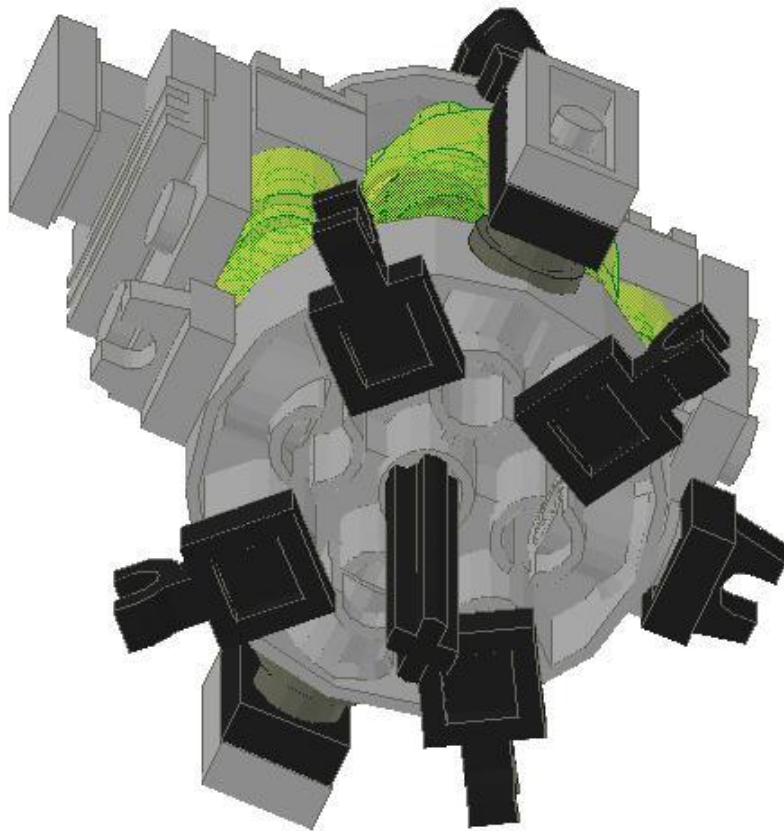
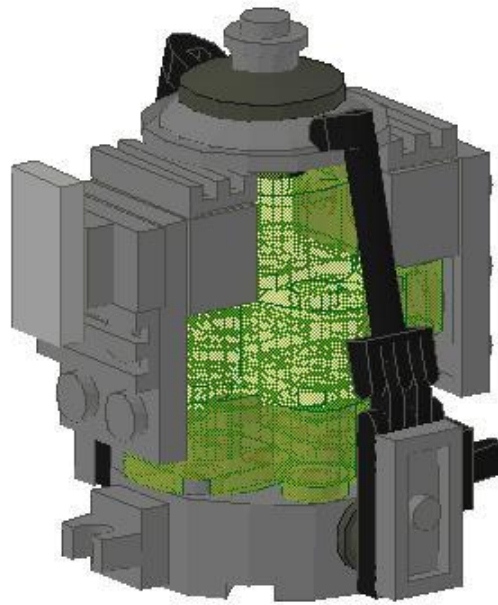




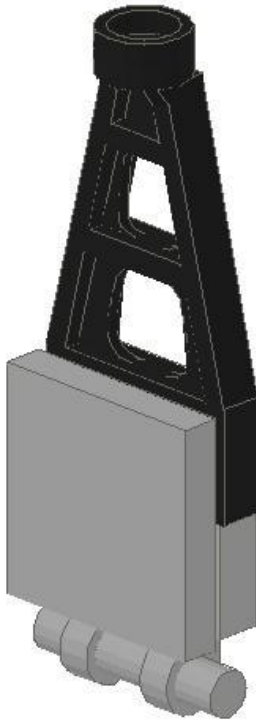




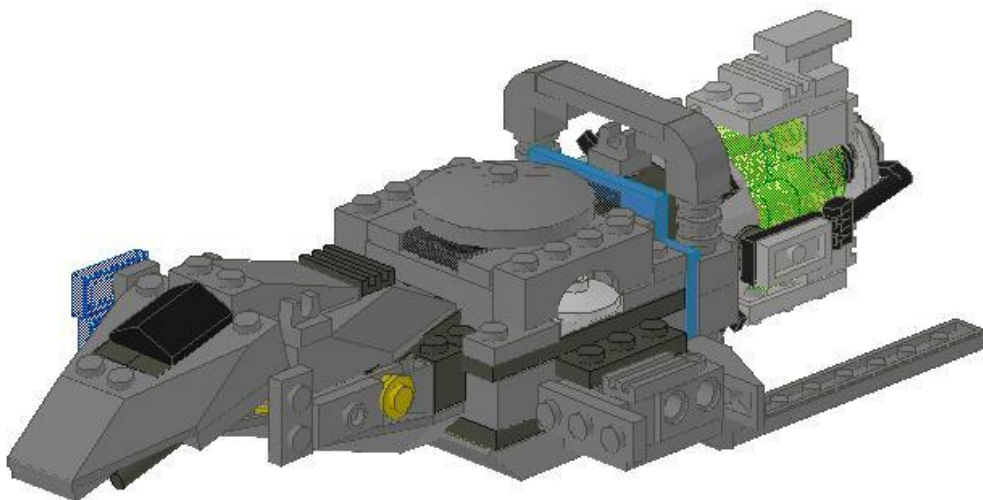




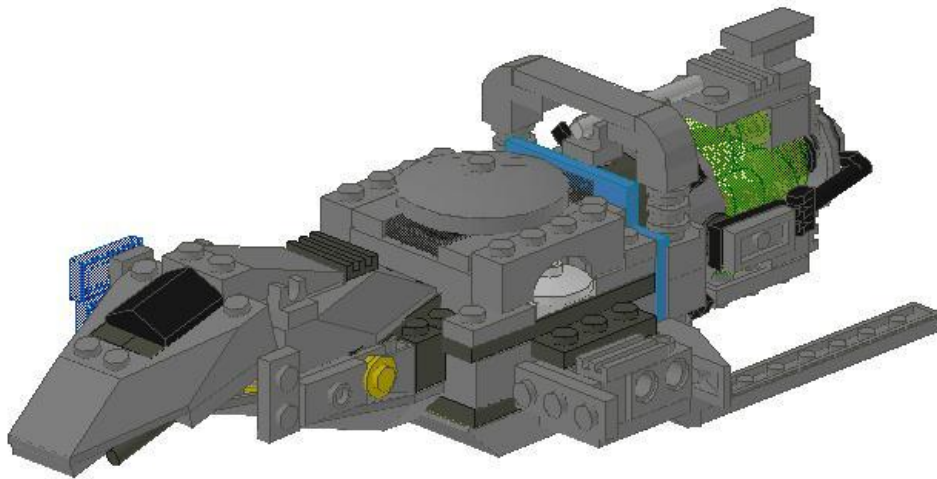
Next, you'll be building **four** of these:



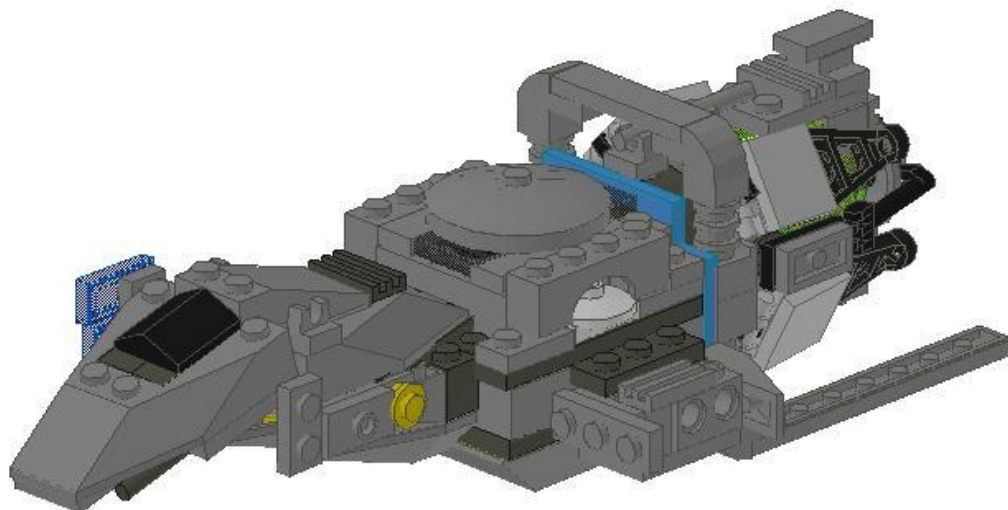
Assemble them and set them aside with the other parts. You're ready now to join up the major sections of the model! First, use the firefly drive to connect the drive, light ring, and hull.



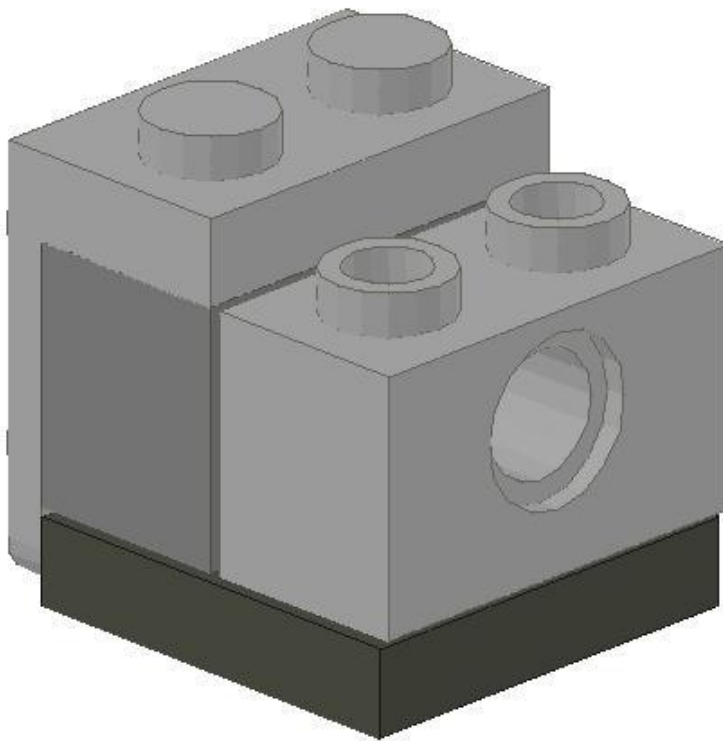
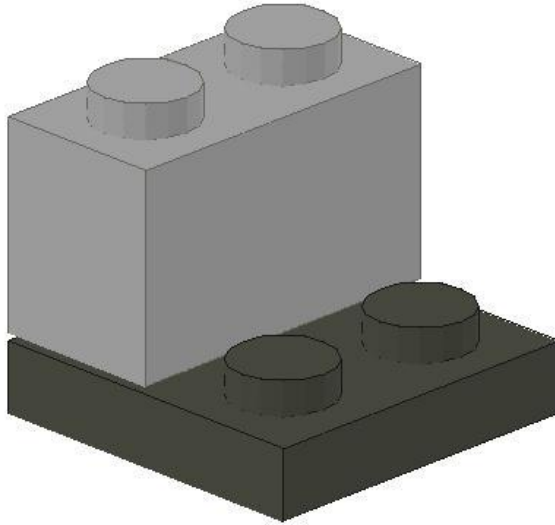
Next, use the black and grey bars to lock everything securely together. Make sure that the drive section and light ring are firmly together and holding the black clips in place before attaching the bars. I've found that if you remove the top of the light ring temporarily, it's a lot easier to make sure the connection is tight.

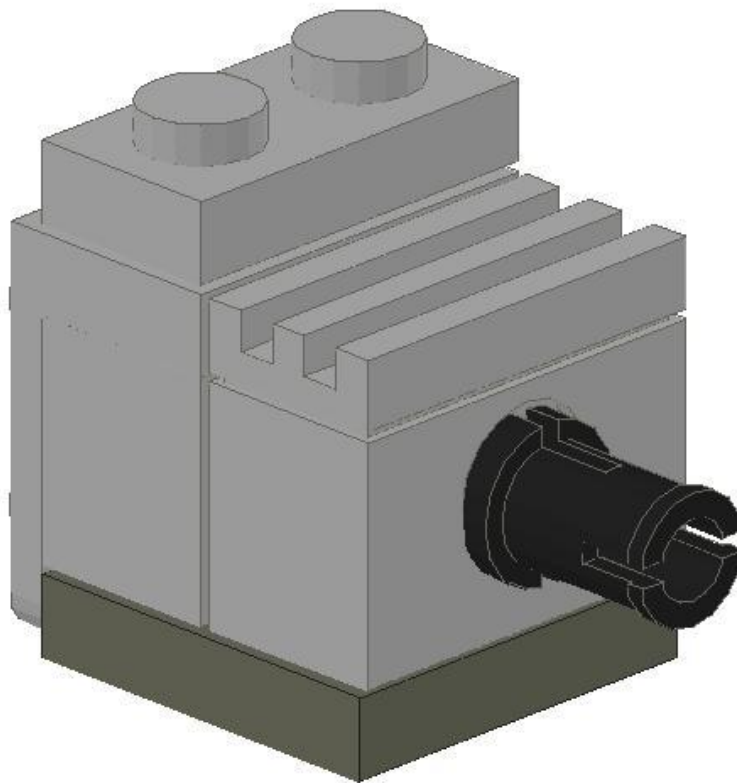
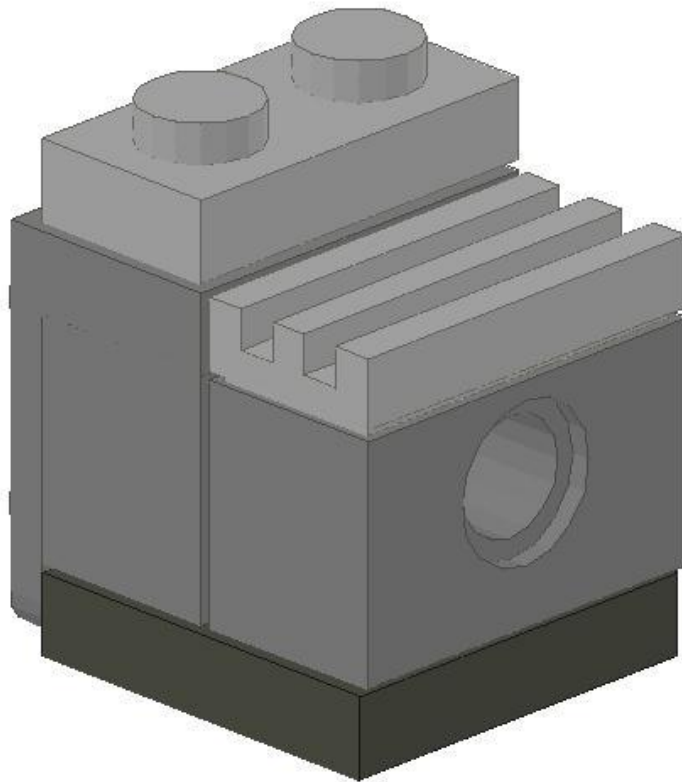


Finally, clip on the drive covers as shown. You're now ready to build the side engines!

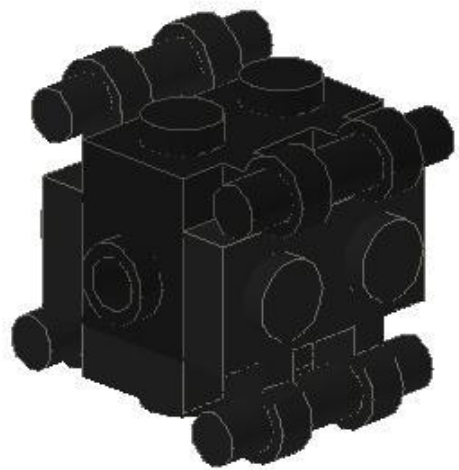
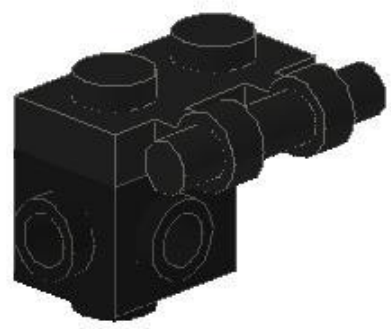


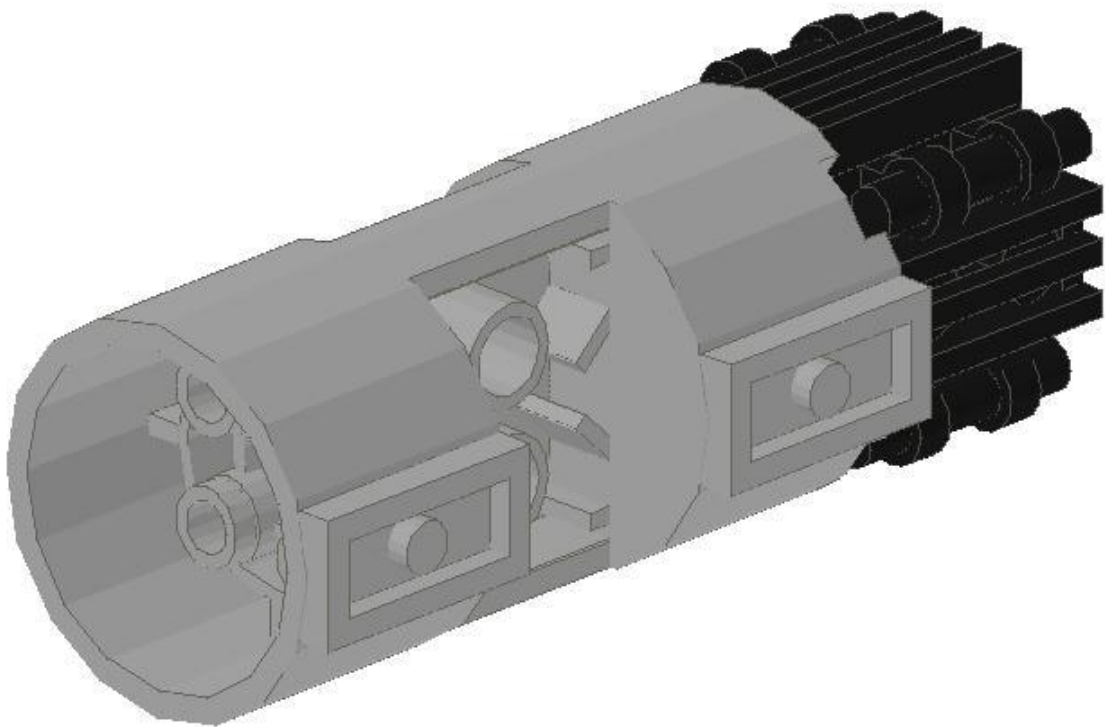
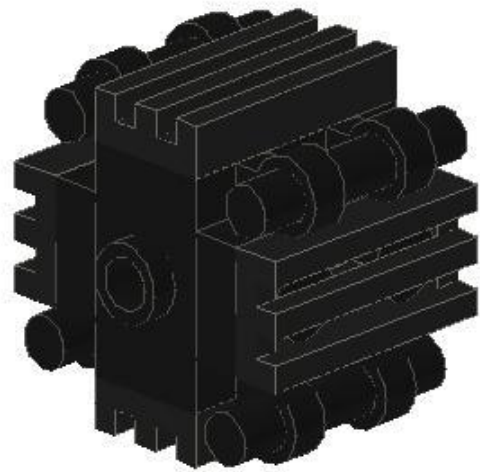
You'll be building two of these:

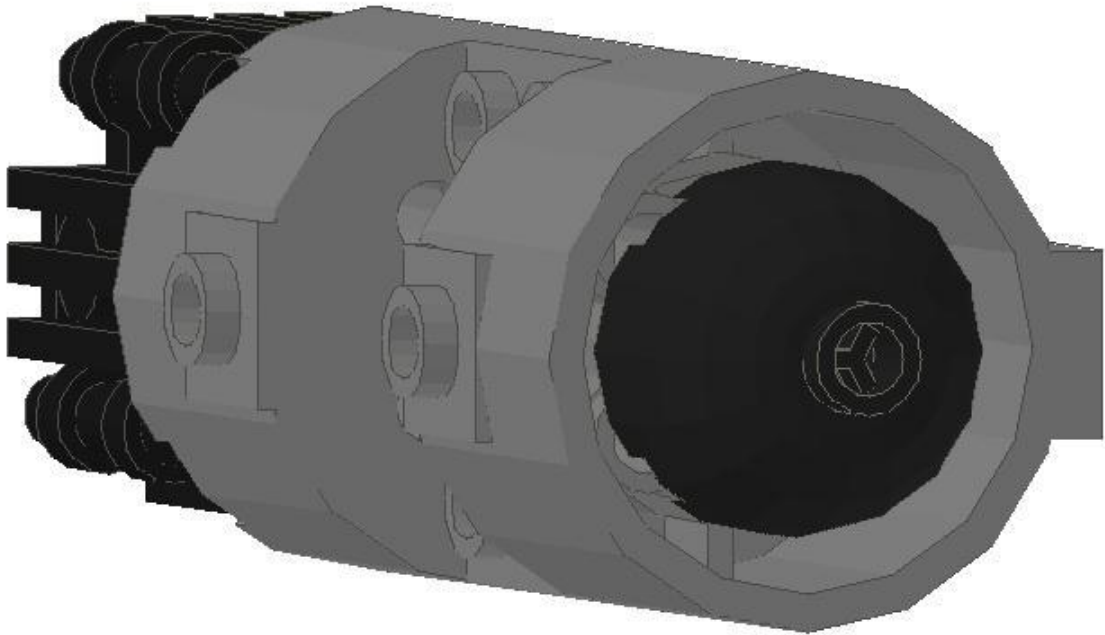
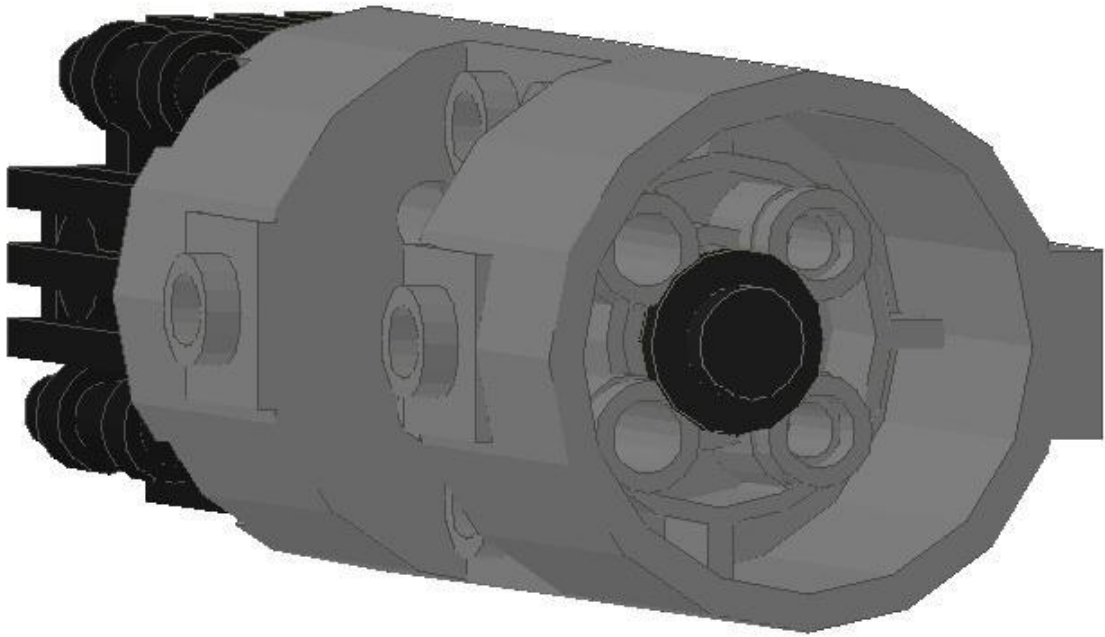


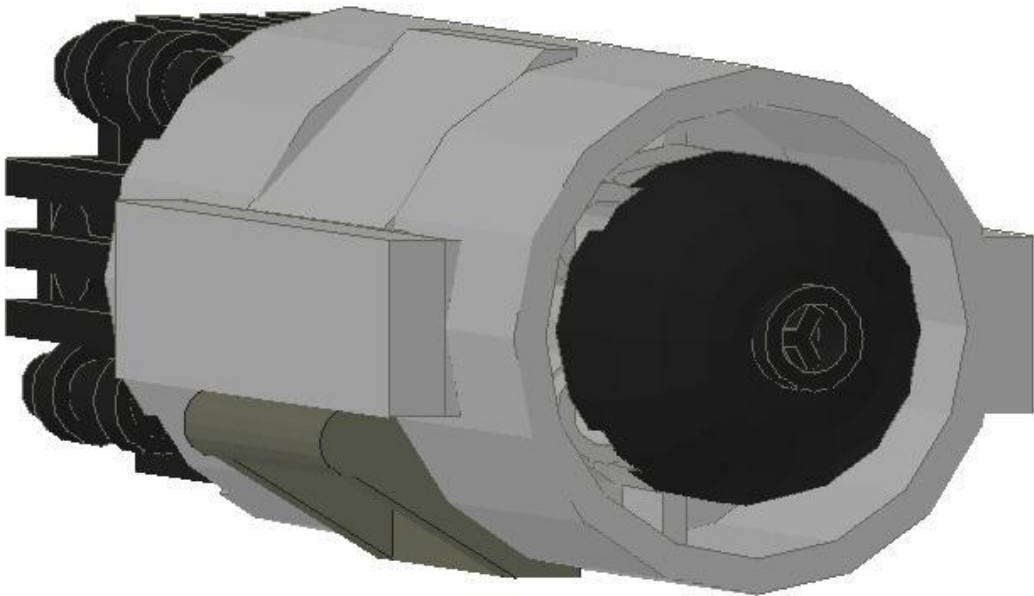
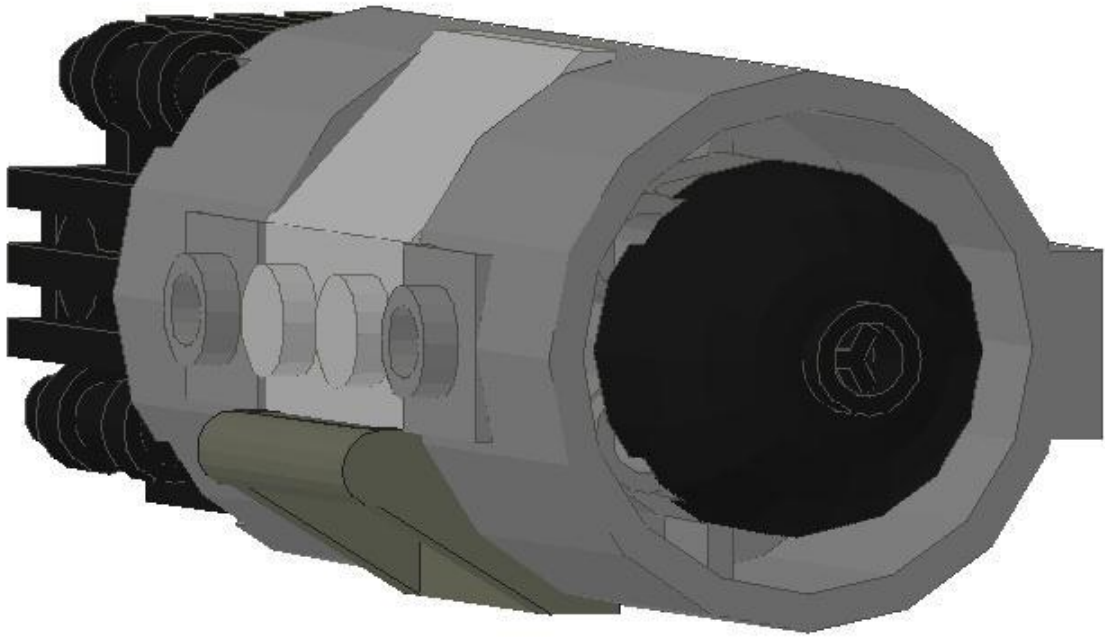


Set both of them aside for now... it's time to build the actual engines.

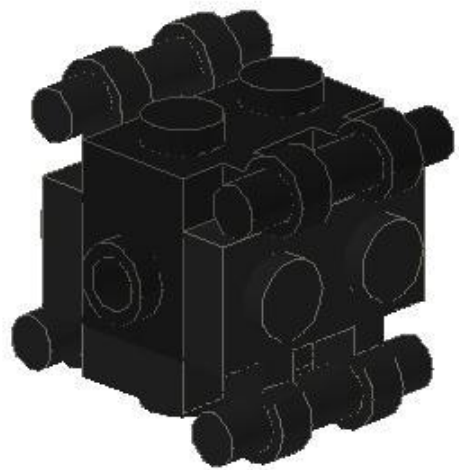
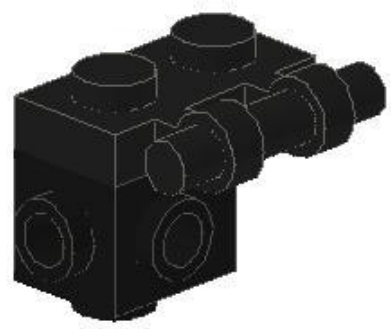


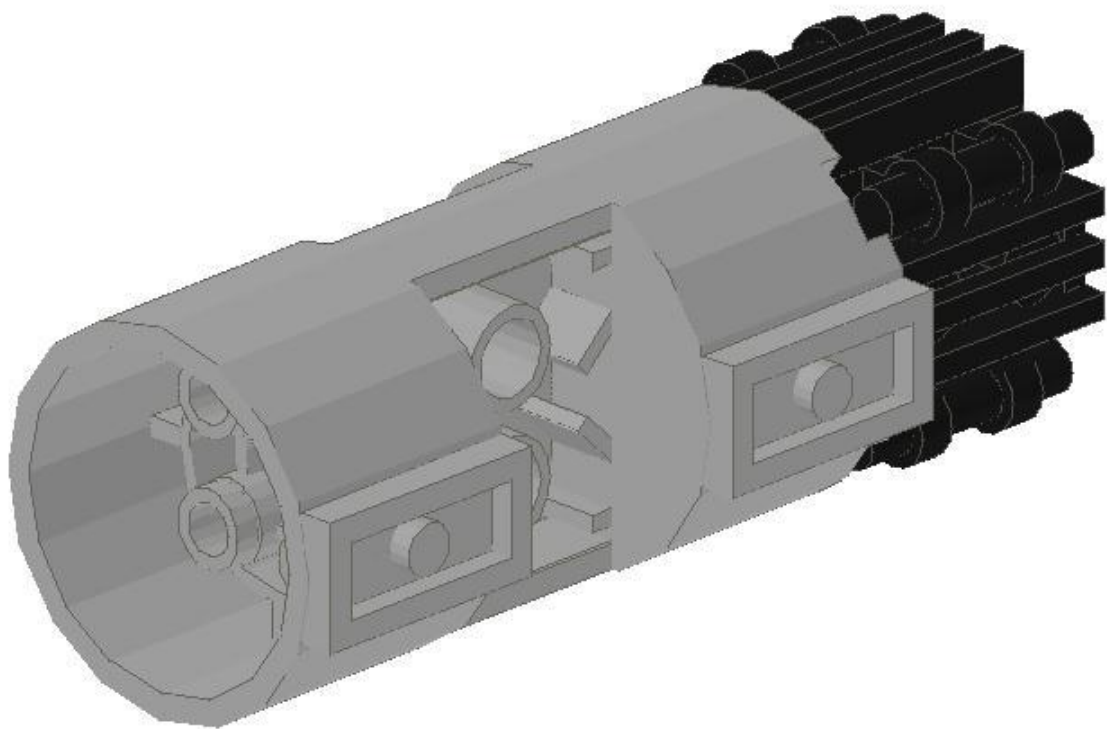
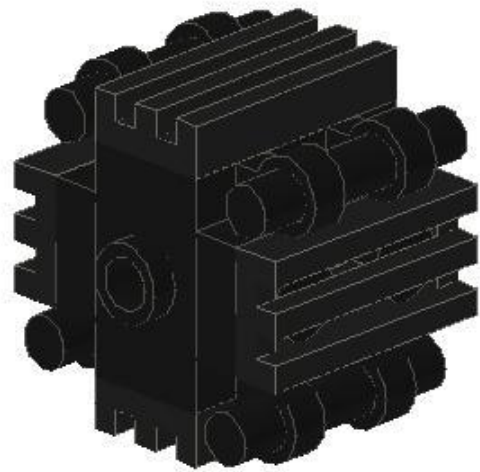


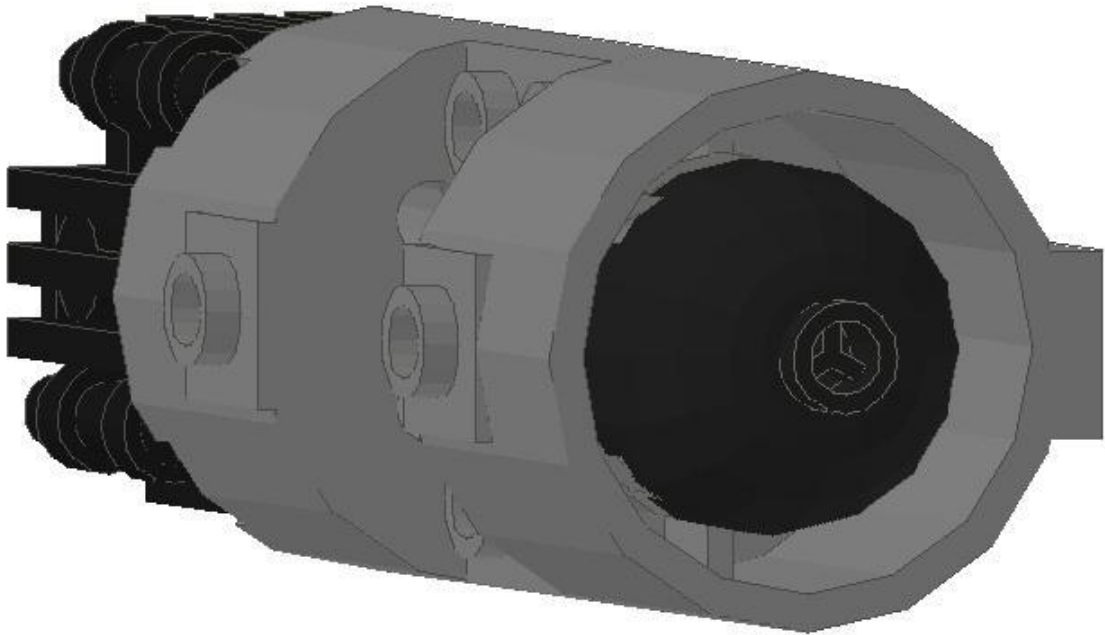
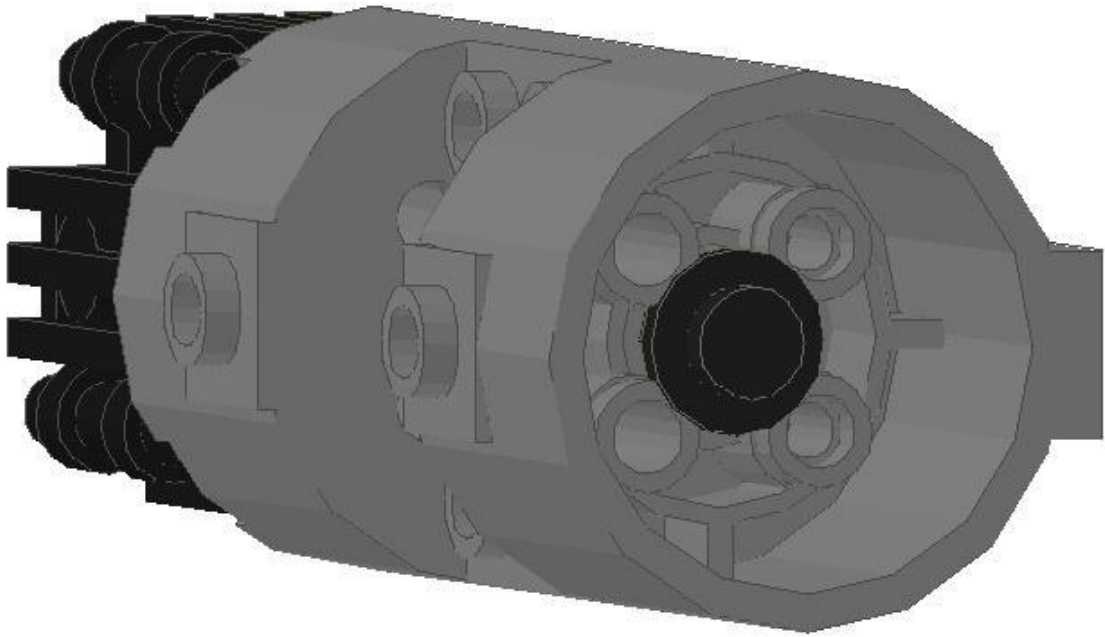


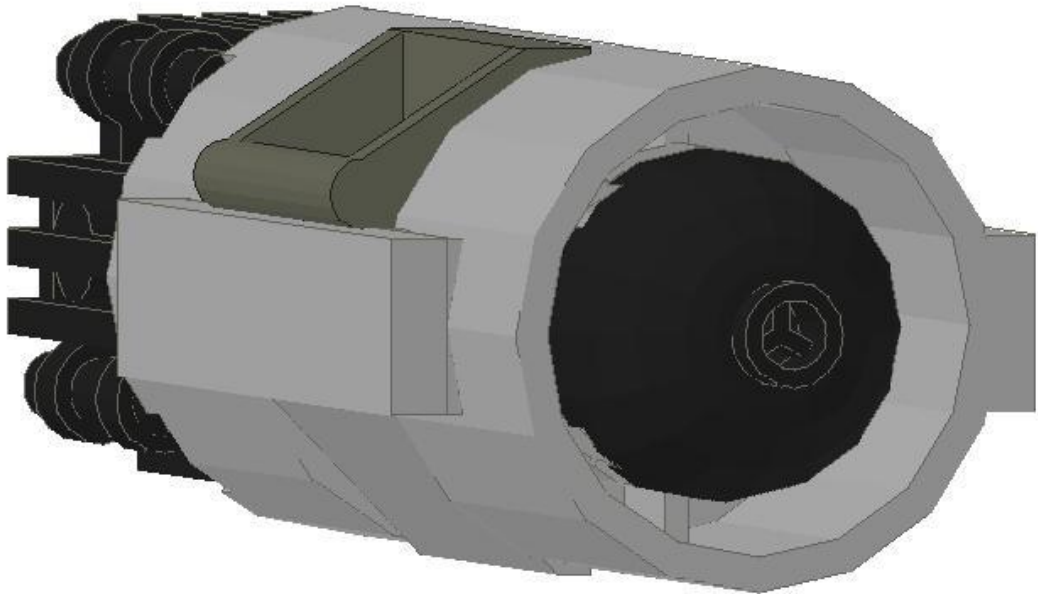
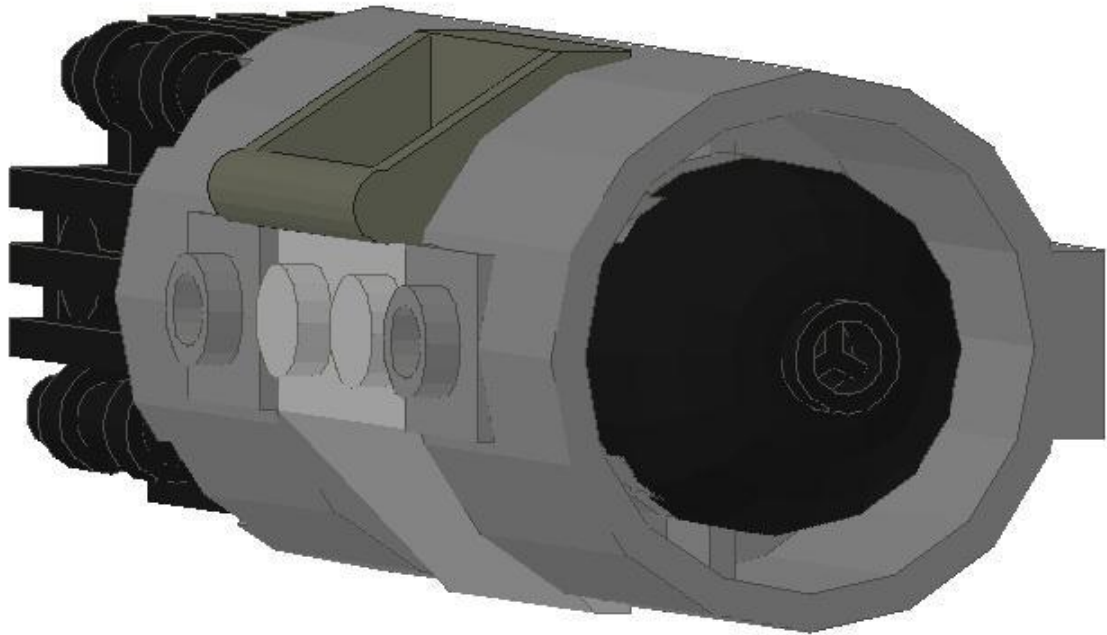


That's one...one more to go!



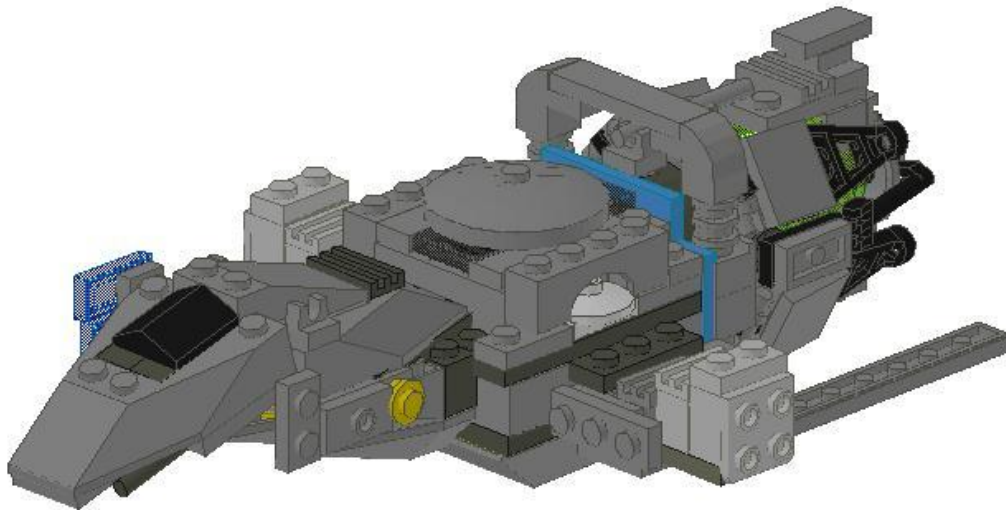




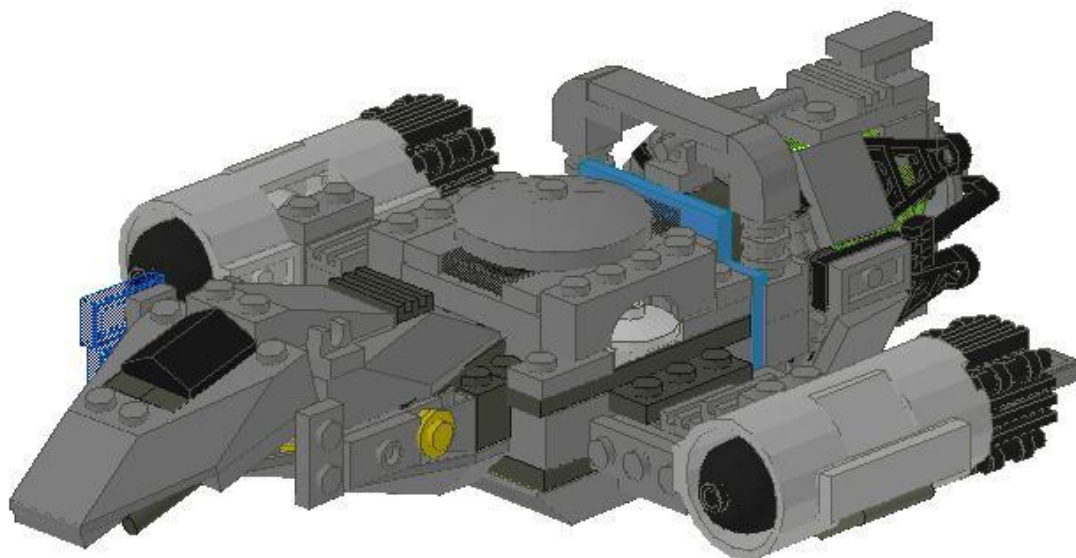


Time to put everything together!

First, attach the engine mounts on either side of the hull.



Next, attach the engines as shown:



The final step is to add the red and green running lights. Your model is now complete!

