

ASSEMBLY GUIDE

1967 Formula Racecar

DISCLAIMER

This model is made by STL Labs and may not be sold or shared by unauthorized third parties.

The file is split into multiple parts or one big file so it should be printable on any printer. We recommend using a brim or some glue stick to make it adhere so there won't be any warping.

Some parts may require filing or sanding depending on the quality of the print and the printer. The loose parts are connected using various pins and a few screws (Ø 8mm and 2x M3x20 and 2x M3x35). We recommend using 3D-printed rods, but you could also use carbon, steel, stainless or even aluminium pins.

FIT CHECK **ALL** PARTS BEFORE PERMANENTLY ATTACHING THEM!

This is to prevent parts not fitting due to holes which aren't printed precise enough.

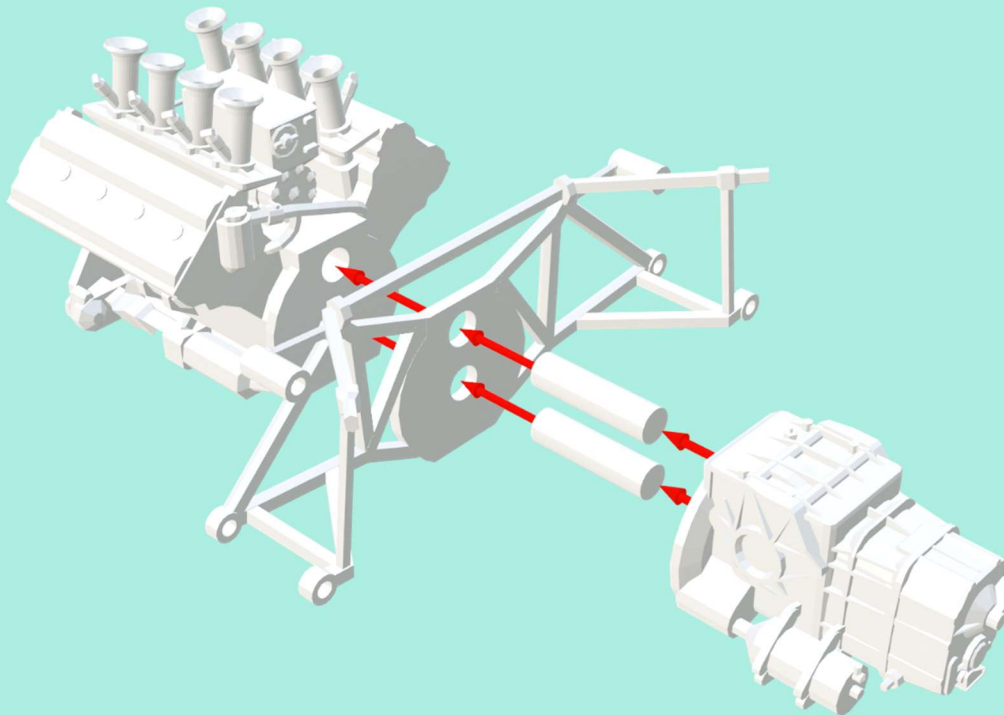
In the case of any questions or problems please reach out to us via Instagram "@STLLabs" or our email staff.stllabs@gmail.com or via the platform where you acquired the files.

INSTRUCTIONS

ENGINE/GEARBOX

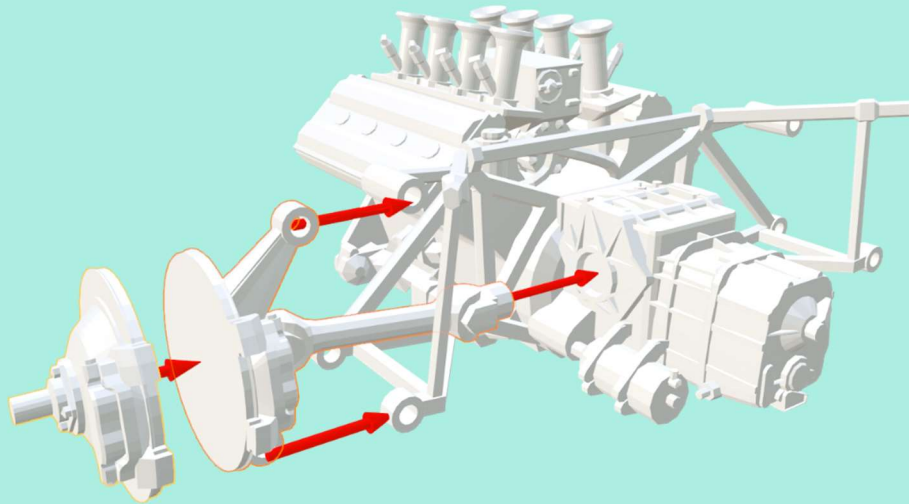
Starting off with the engine/gearbox assembly:

Make sure the holes are large enough to fit 8 mm rods into them. Otherwise, these may require drilling to enlarge the holes.

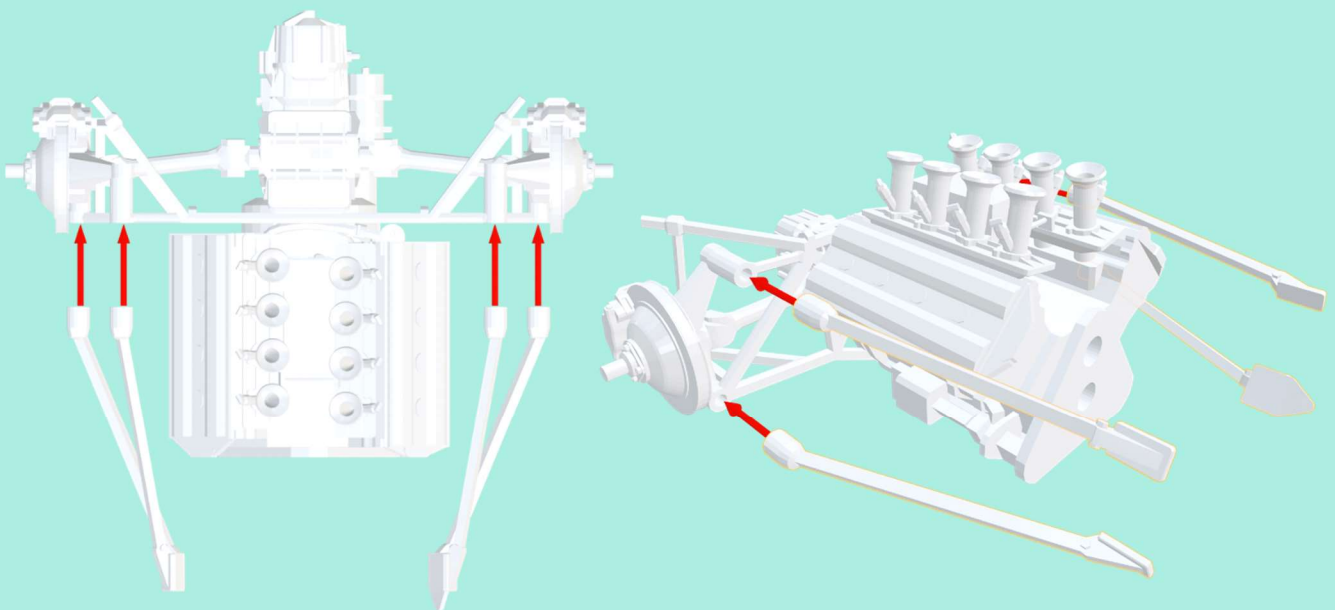


Rear Suspension

Next is the rear suspension. These parts can be screwed into place using 2x M3x20 for the top connection, and 2x M3x35 for the bottom connection. These screws could be replaced by 3mm rods as well. Do this for both sides

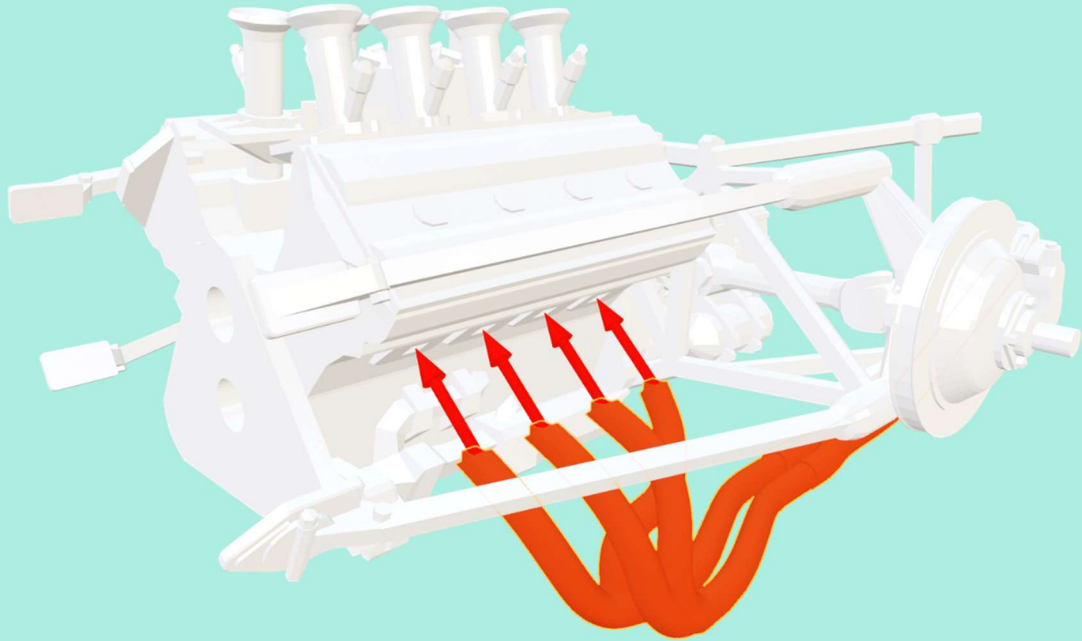


Now you can tighten these parts by attaching the engine mounting rods. Take care which rod goes where!

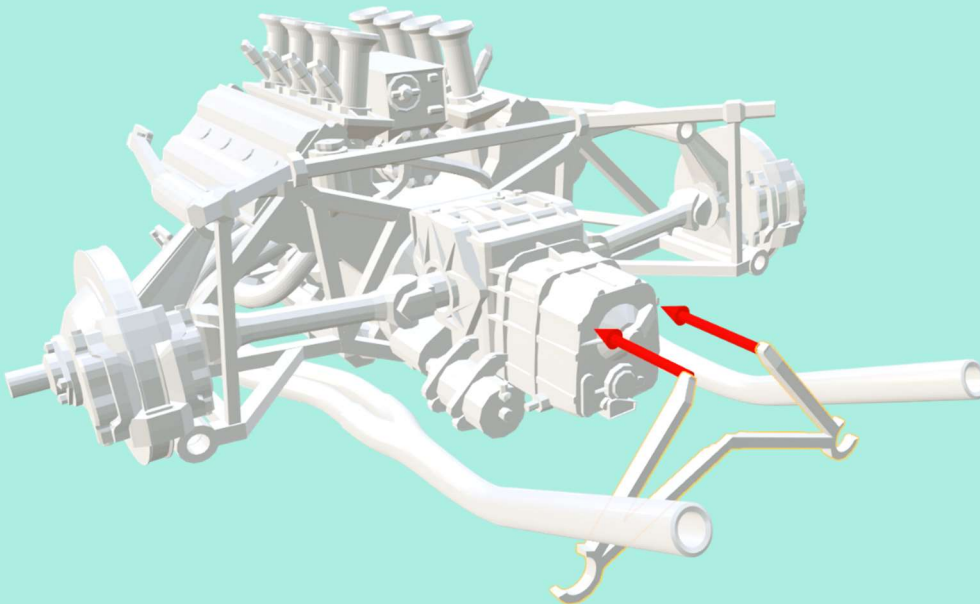


Now let's add the exhaust pipes, do this for both sides.

The notches on the parts may require sanding or filing!



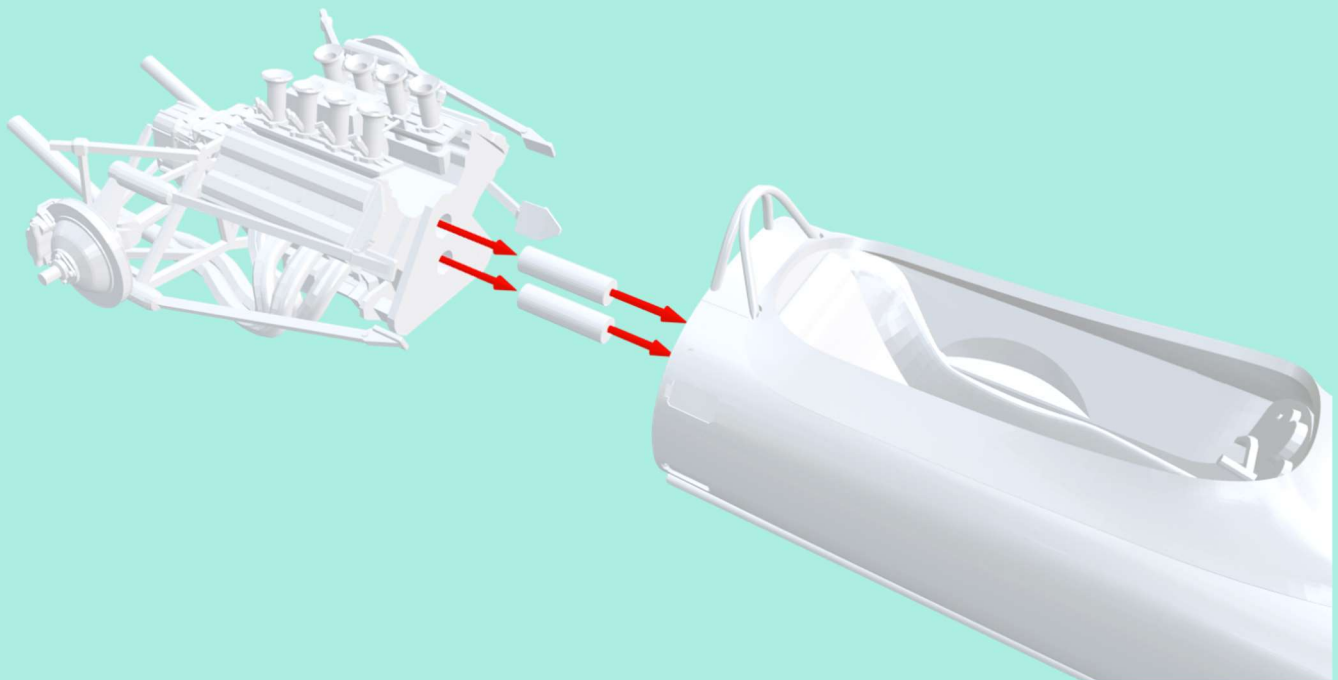
Fixate the exhaust pipes, using the bracket at the back of the gearbox, it should snap right on.



Body

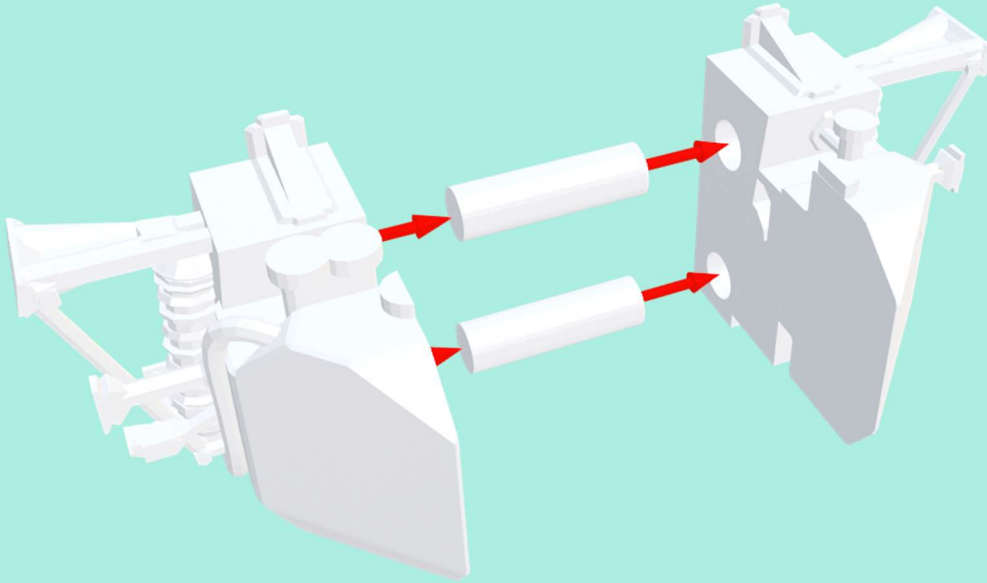
Now you can attach the engine assembly to the main body.

Make sure all holes can fit 8 mm rods before assembling them!

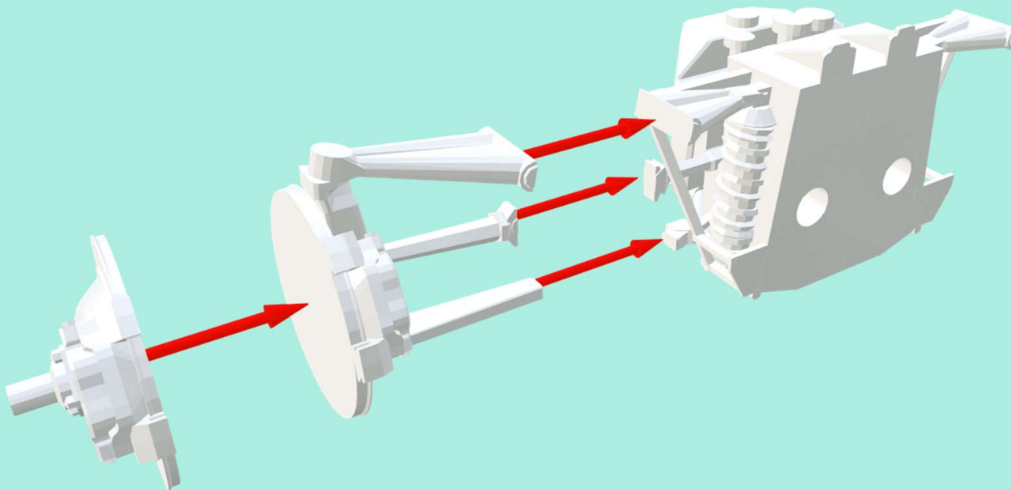


Front Suspension

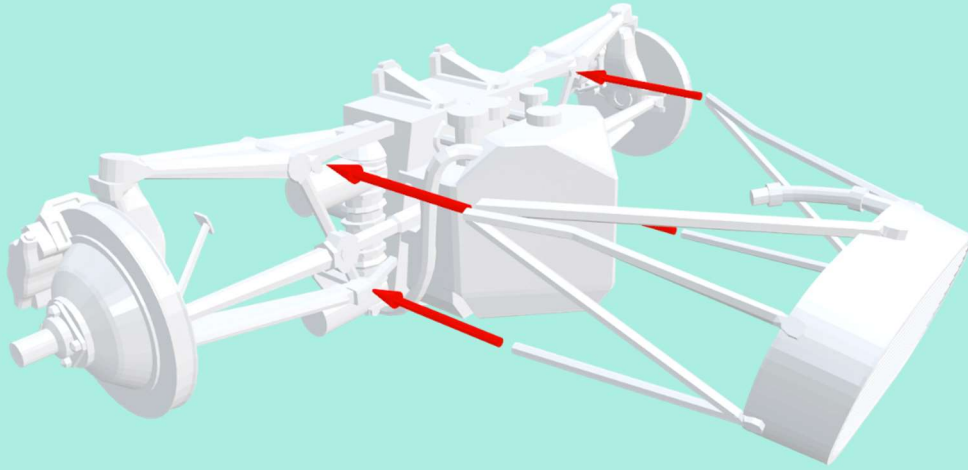
Next connect the front suspension base using the 8 mm pins once again.
Make sure all holes can fit 8 mm rods before assembling them!



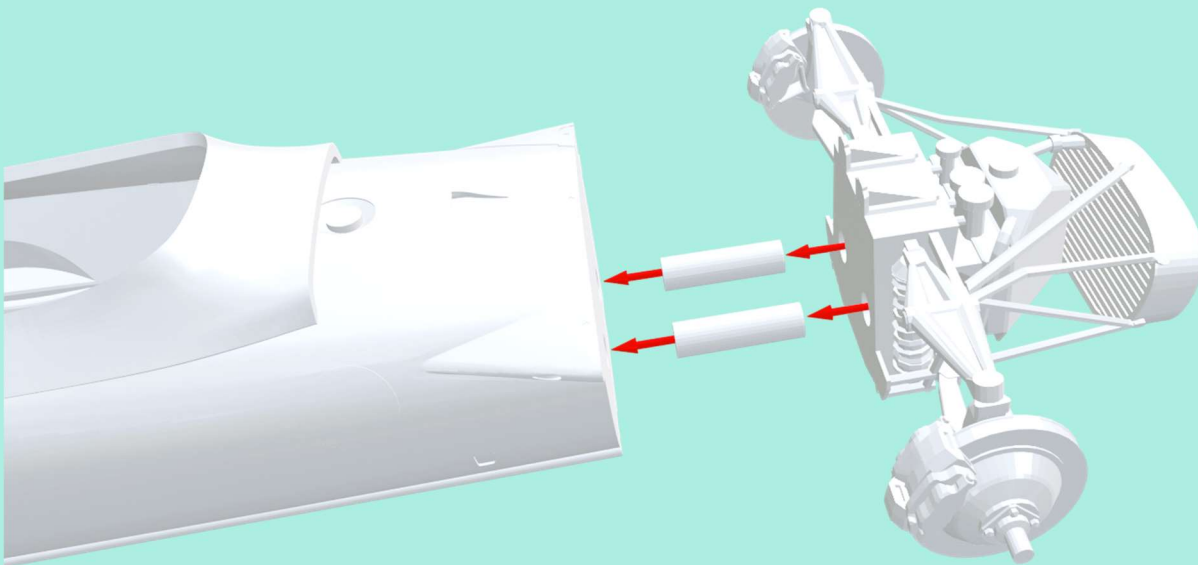
And proceed by connecting the front suspension arms and brake-disks.
Do this for both sides.



Now finish the front suspension of by attaching the front intercooler.

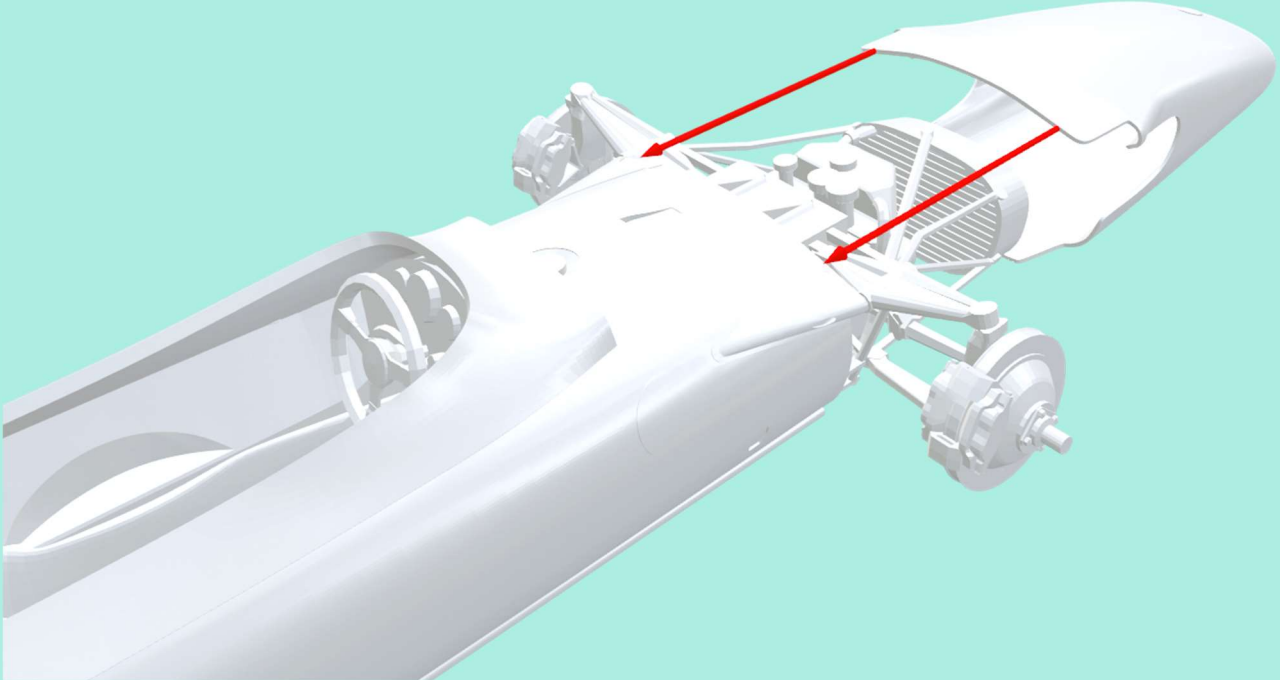


This assembly can now be attached to the front of the body.
Make sure all holes can fit 8 mm rods before assembling them!



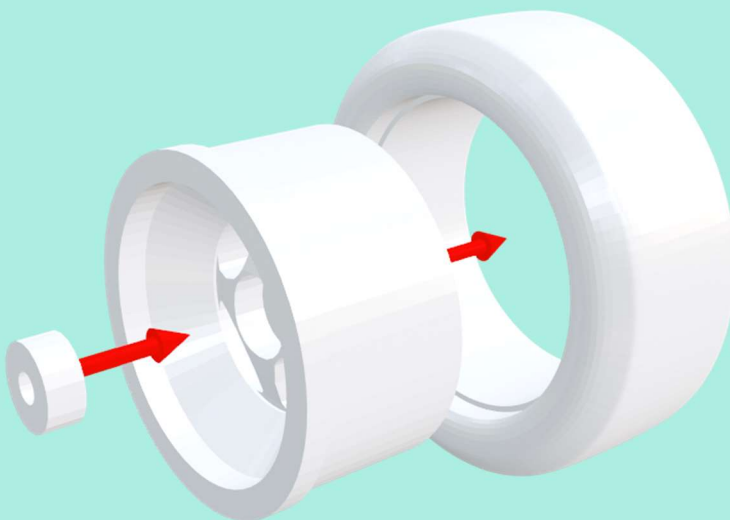
NOSE

Now you can finish of the bodywork by attaching the nose part. It has a small inlay at the top of the body, and a ridge at the bottom to help with aligning the part.



WHEELS

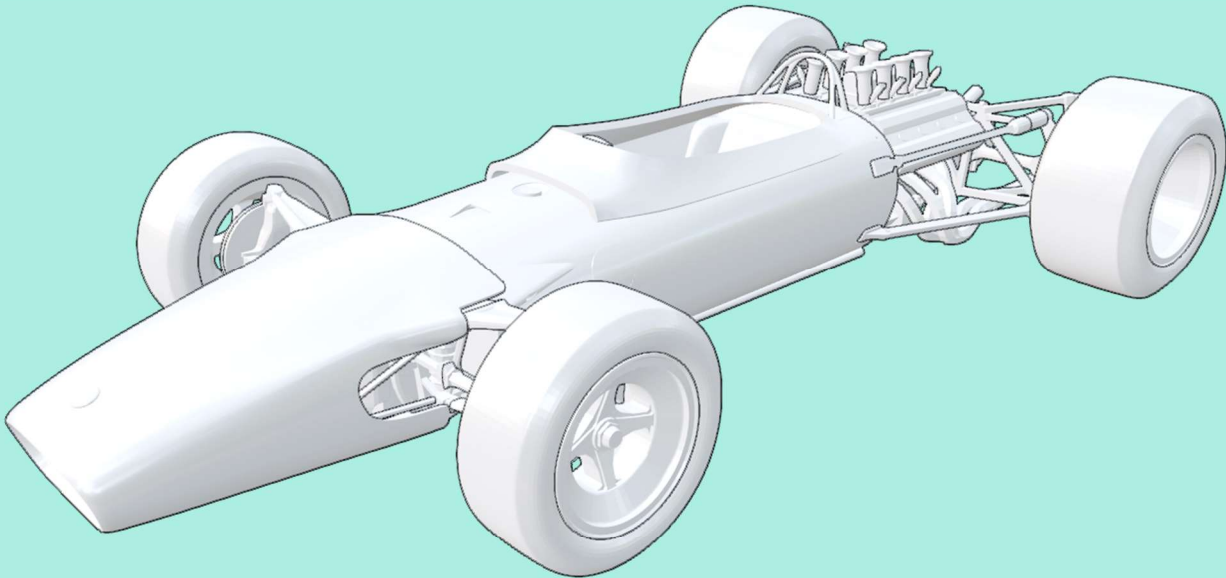
Finally you can assemble the wheel. These have a recess for 624Z bearings. But you can use a printed replacement if wanted.



After assembling the wheels, these can easily be attached to the suspension.

FINAL RESULT

Congratulations! You should now have a complete 1:8 scale 1967 Formula race car!



If this isn't the case due to any problems or question, feel free to contact us via email (staff.stllabs@gmail.com) or shoot us a message over on the platform where you acquired this model.

Feel free to share any models and make using these files on social media and tag us using @STLLabs!