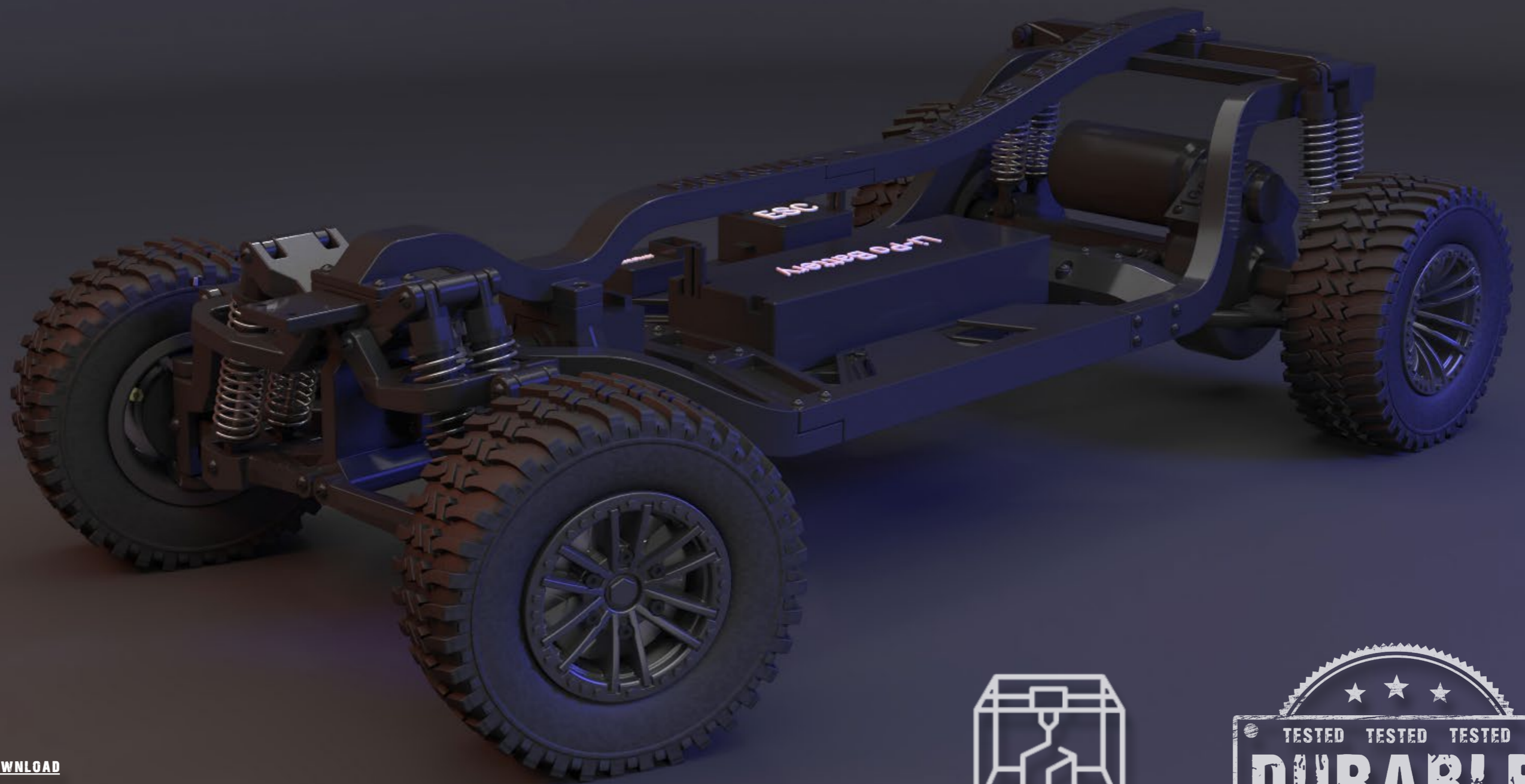


UNIVERSAL PICKUP CHASSIS

1:10 SCALE

RWD



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Build volume
220x220x100





THE BODY KITS FOR THIS CHASSIS

- DESIGNED SPECIFICALLY FOR THIS CHASSIS
- LIGHTWEIGHT AND DURABLE
- WITH ACTIVE HEADLIGHTS
- THE BODY IS DIVIDED INTO PARTS FOR PRINTING IN DIFFERENT COLORS

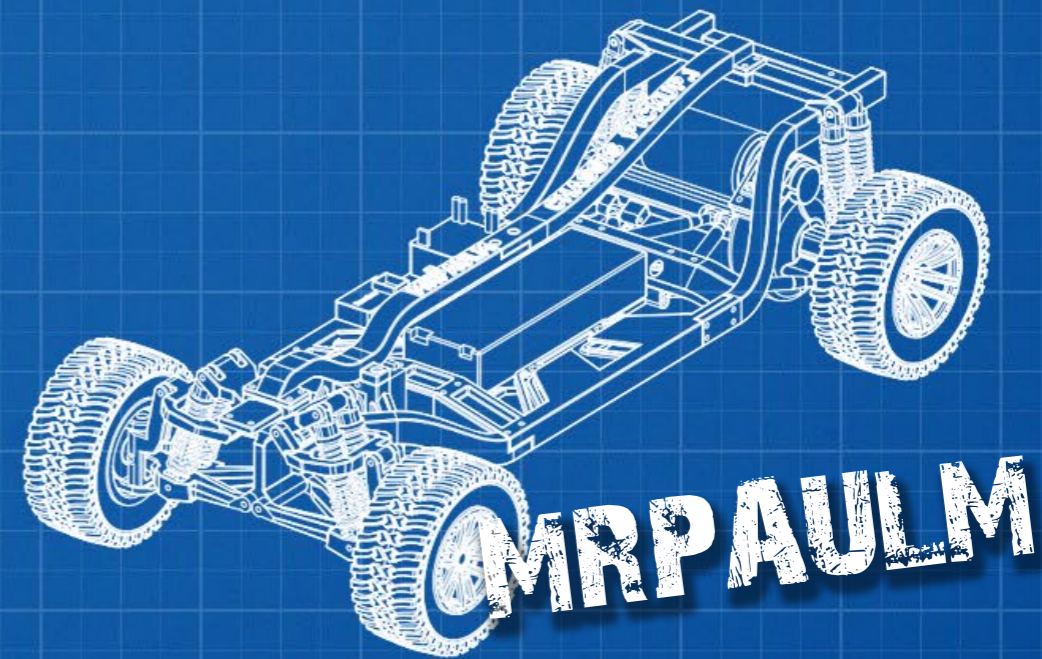
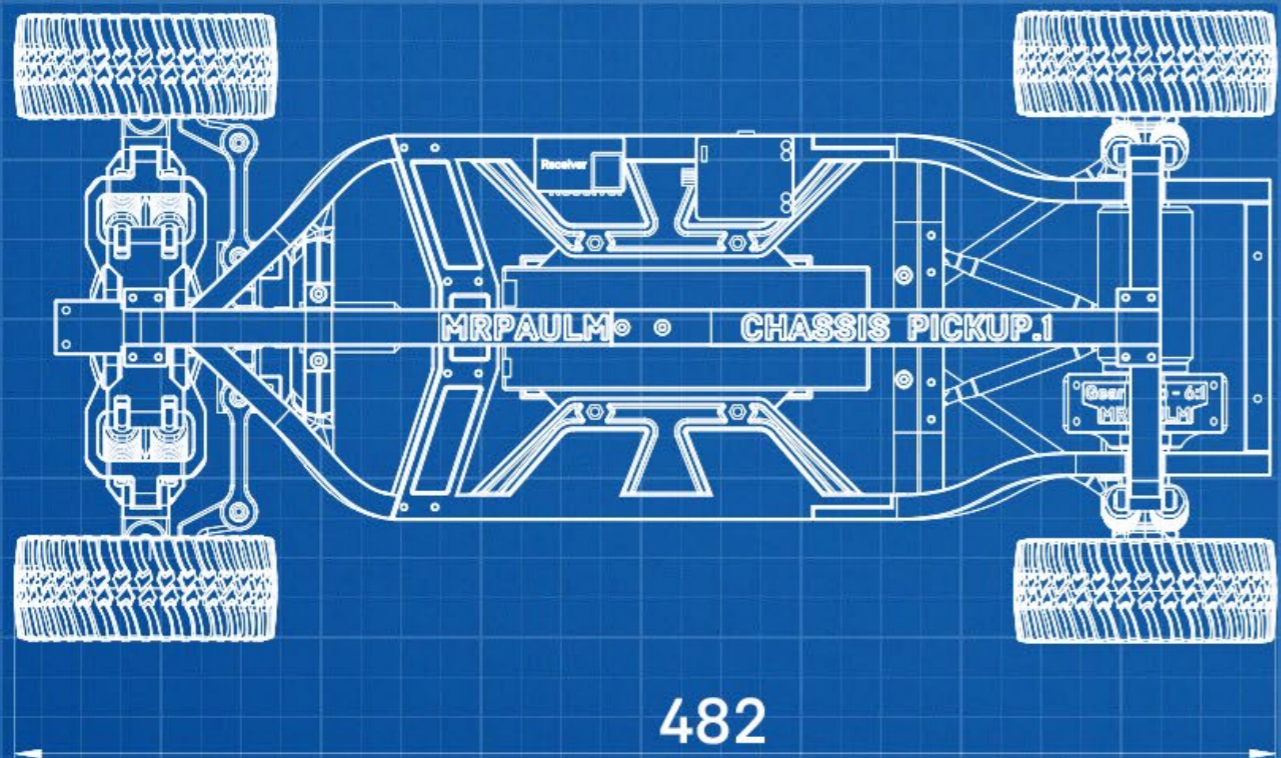
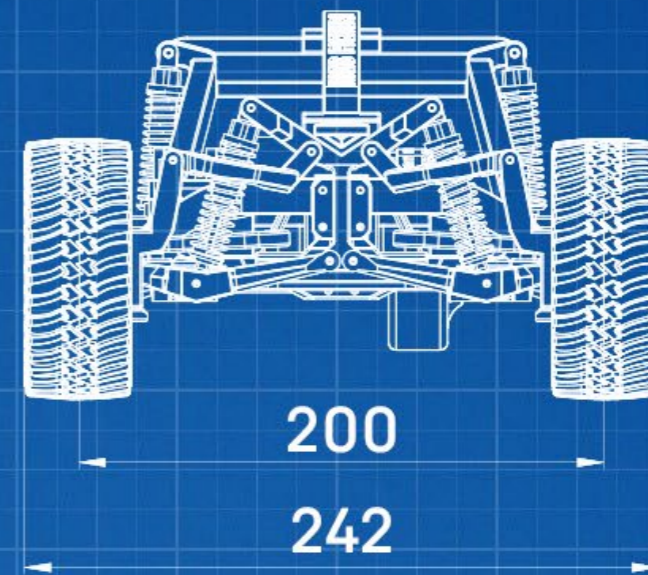
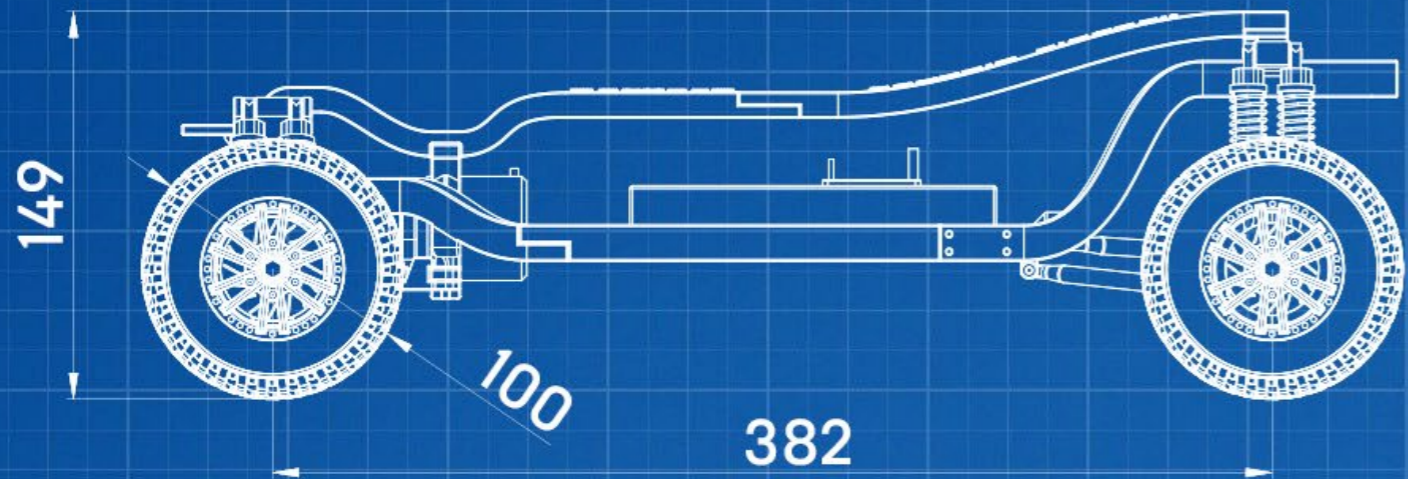
DOWNLOAD



<https://cults3d.com/en/3d-model/game/ford-f-150-raptor-body-kit-1-10>

UNIVERSAL PICKUP CHASSIS / SCALE 1:10

DIMENSIONS - MILLIMETERS



BILL OF MATERIALS

Fasteners

- Nut M2 - 24 pcs.
- Nut M2.5 - 8 pcs.
- Nut M3 - 4 pcs.
- Screw M2x12 DIN912 - 24 pcs.
- Screw M2.5x8 DIN7985 - 46 pcs.
- Screw M2.5x14 DIN7985 - 42 pcs.
- Screw M2.5x25 DIN7985 - 11 pcs.
- Screw M3x8 DIN7985 - 11 pcs.

Components

- [ESC 80A](#) - 1 pc.
- [Engine brushed 550 type 27-80T](#) - 1 pc.
- [Battery Li-Po 2S](#) - 1 pc.
- [Transmitter kit](#) - 1 pc.
- [Servo MG996R](#) - 1 pc.
- [Shock absorbers](#) - 8 pcs.
- [Tires 1.9 inch](#) - 4 pcs.

Ball bearings

- Ball bearing 6900 2RS 10x22x6 - 5 pcs.
- Ball bearing 688 2RS 8x16x5 - 1 pc.

Plastic*

- eSun ePLA-Matte [tangerine](#) - [Buy](#)
- eSun ePLA-CF [black](#) - [Buy](#)

Specs

- Scale - 1:10
- Drivetrain - RWD

** The plastic and 3D printing settings that I used are indicated. You are free to use any other plastic and 3D printing settings based on your own experience.*

Step 1.

Fasten and glue the frame parts together

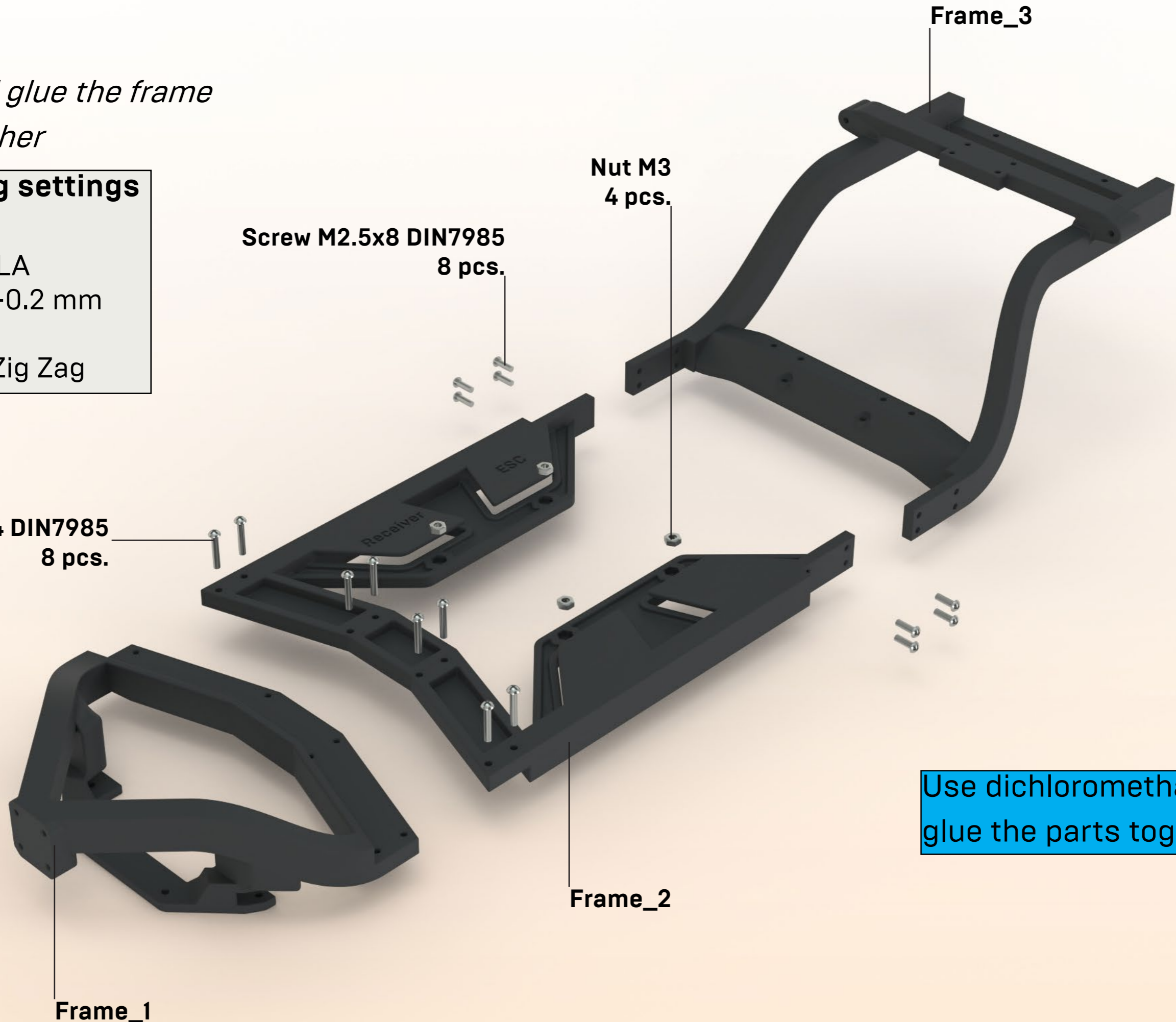
3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 3 mm
Infill - 20% Zig Zag

Screw M2.5x14 DIN7985
8 pcs.

Screw M2.5x8 DIN7985
8 pcs.

Nut M3
4 pcs.



Use dichloromethane to glue the parts together

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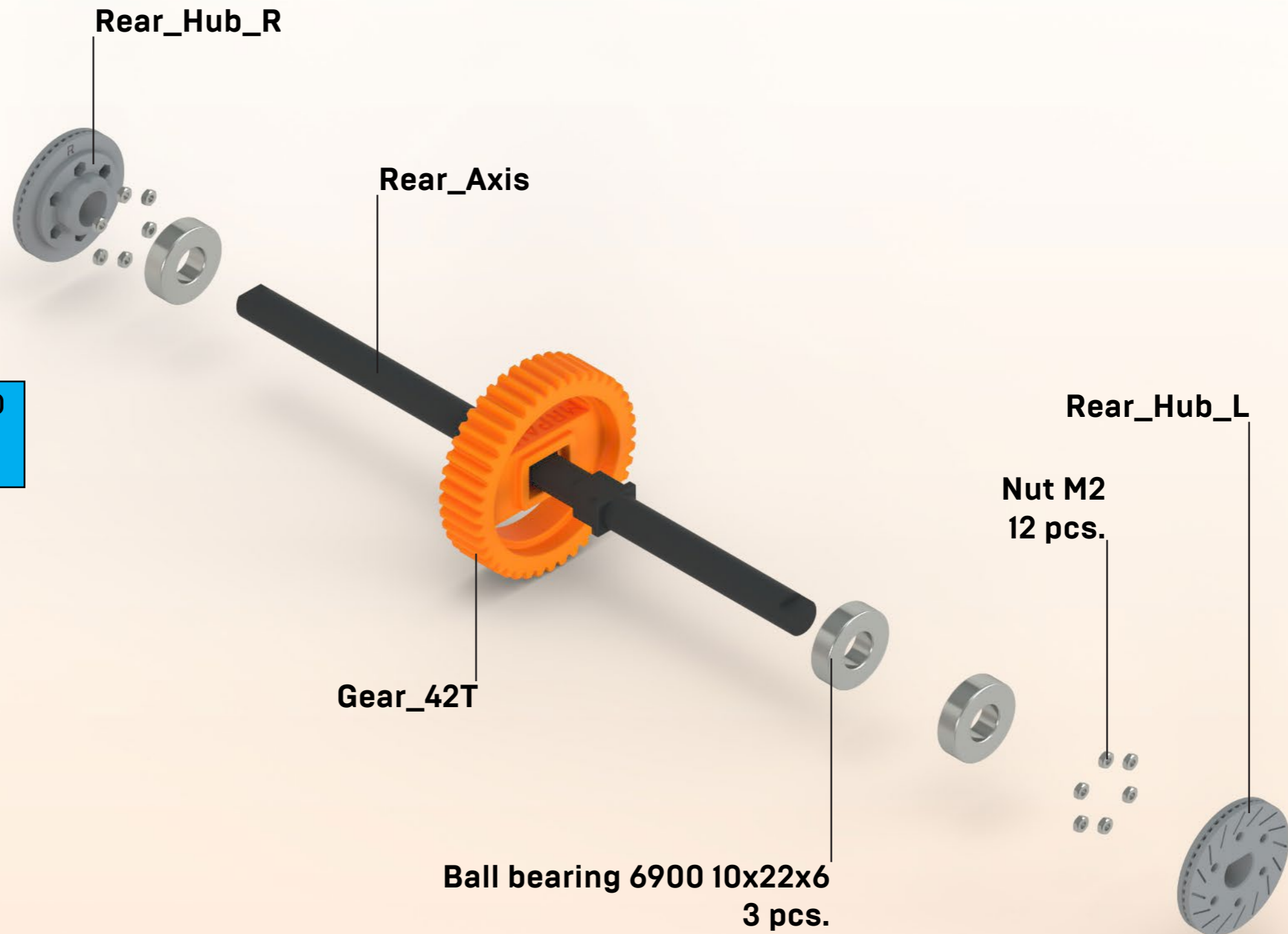
Step 2.

Assemble the rear axis

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%

Use dichloromethane to
glue the parts together

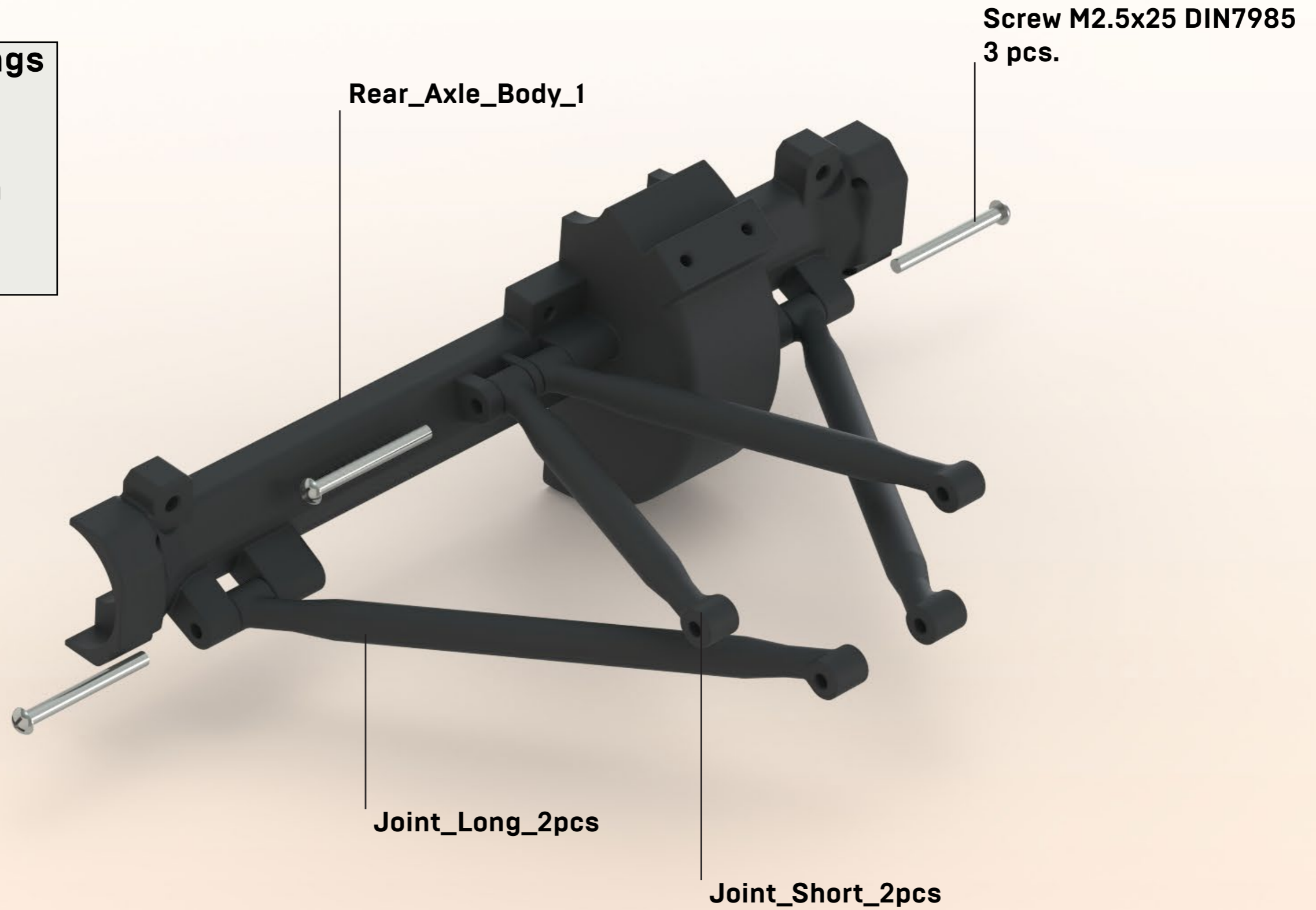


Step 3.

Fasten joints to the axle body

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%



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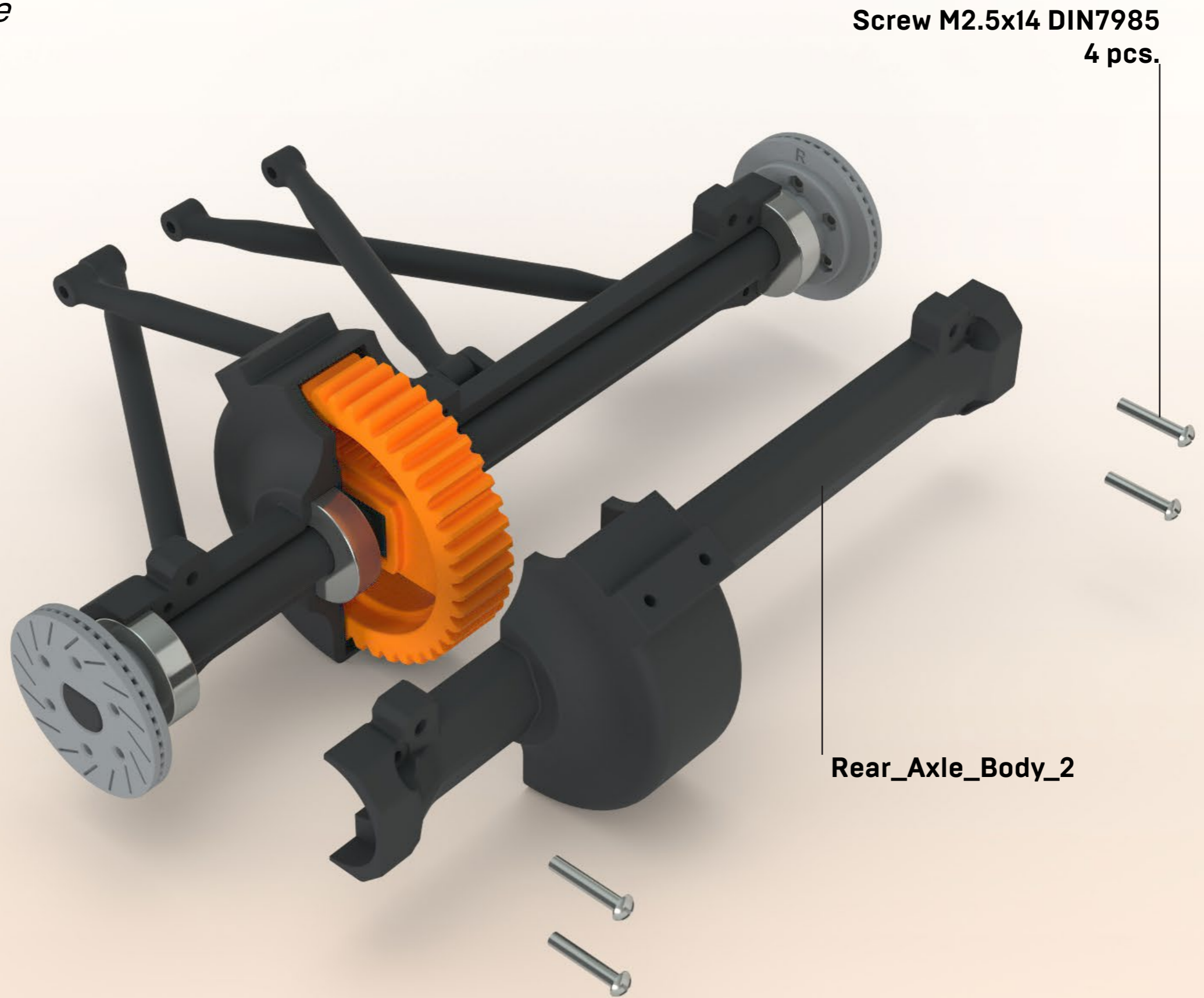
7

Step 4.

Assemble the rear axle

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%

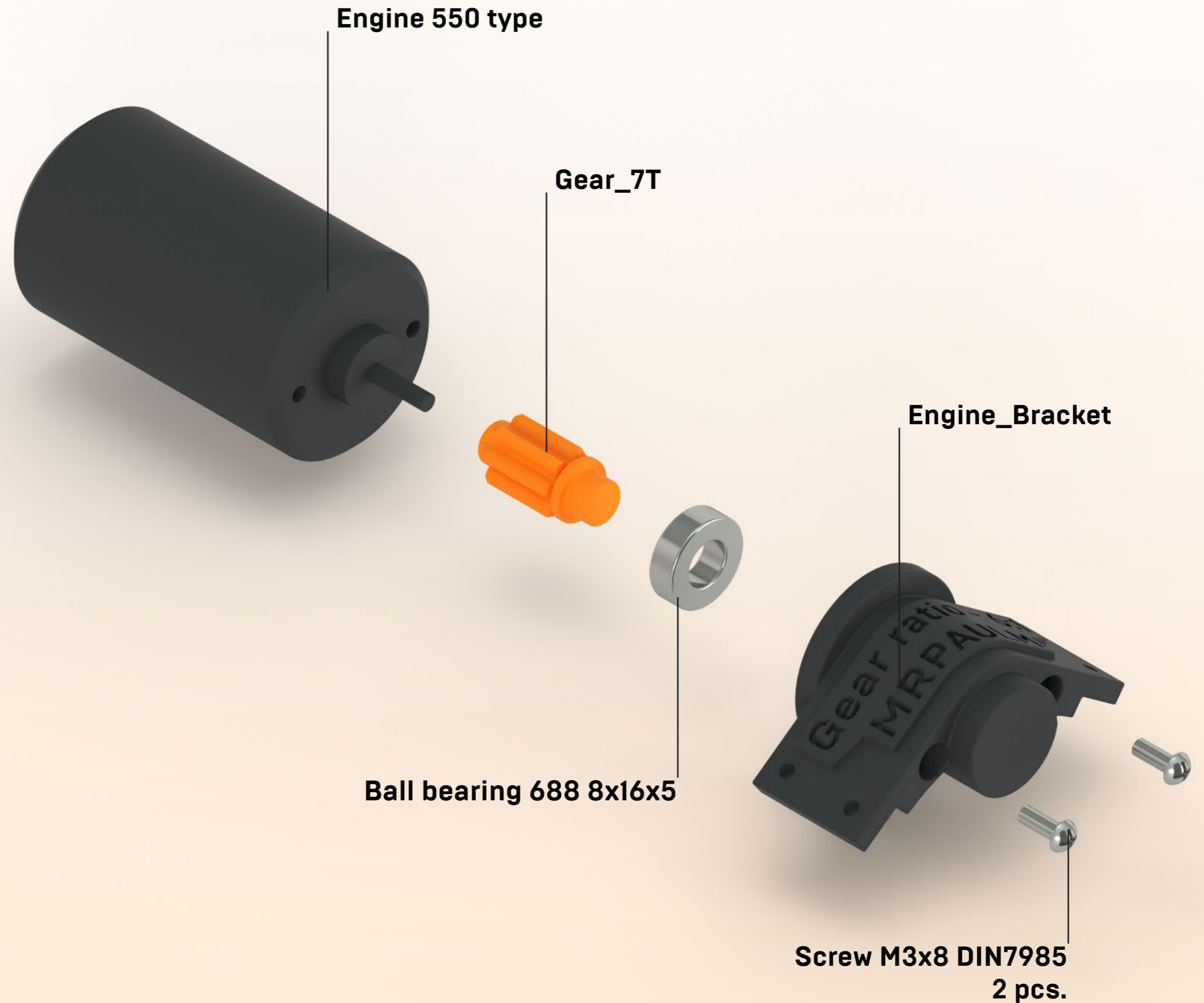


Step 5.

Assemble the engine parts

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%



Step 6.

Fasten the engine assembly to the rear axle

Screw M2.5x8 DIN7985
6 pcs.



Step 7.

Fasten the bracket to the rear axle

3D printing settings

Material - PLA

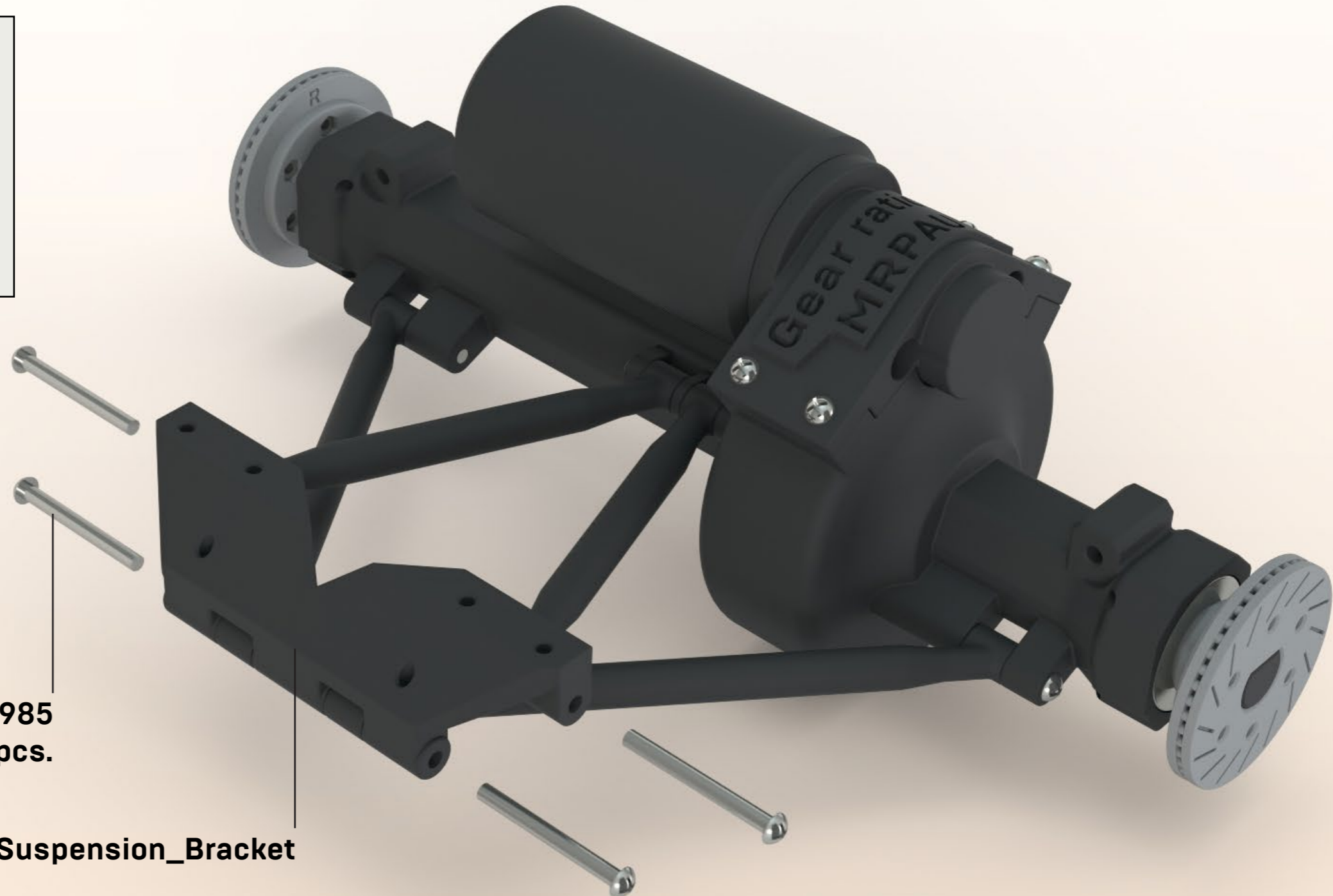
Layer - 0.12-0.2 mm

Wall - 1.6 mm

Infill - 100%

Screw M2.5x25 DIN7985
4 pcs.

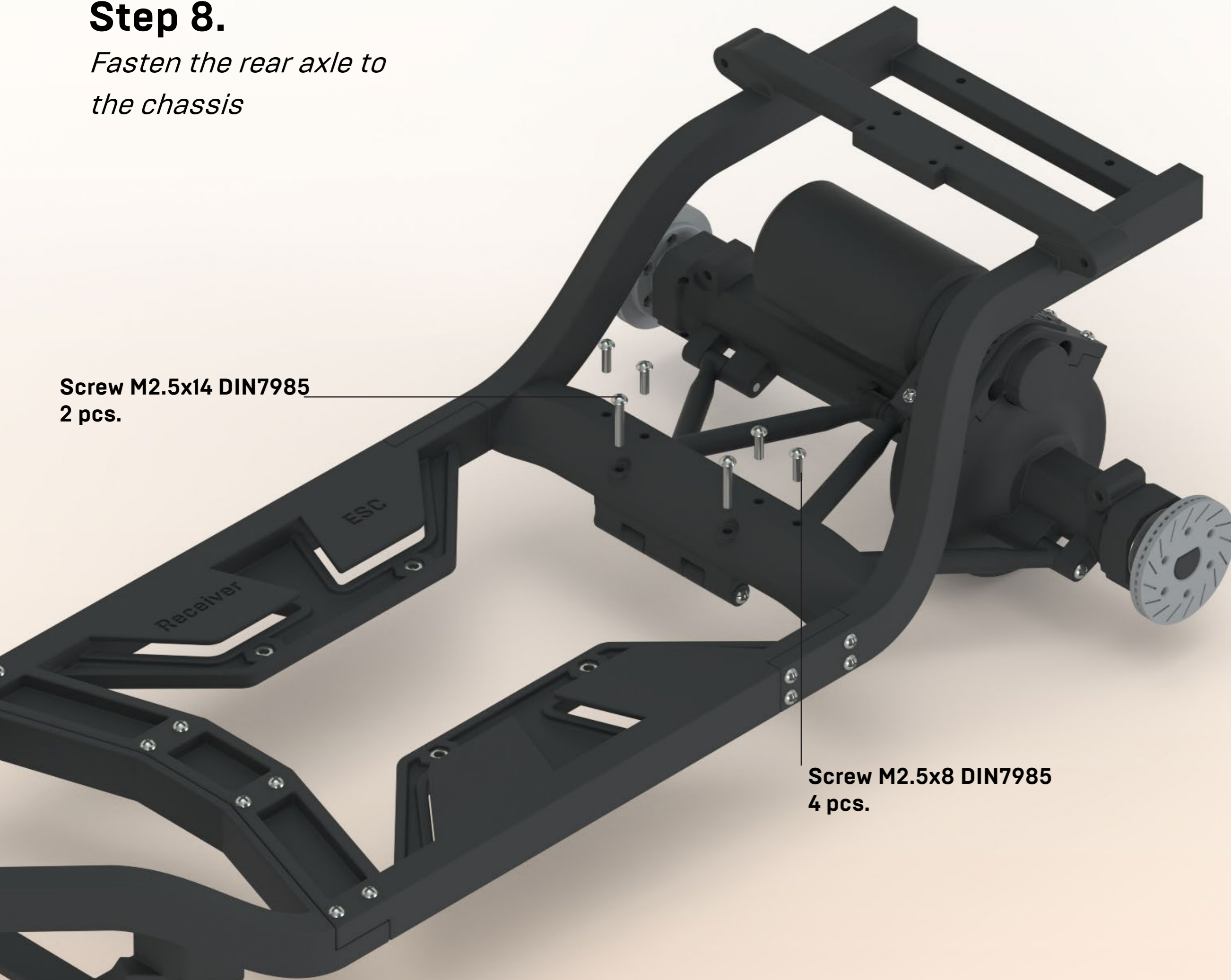
Rear_Suspension_Bracket



Step 8.

Fasten the rear axle to the chassis

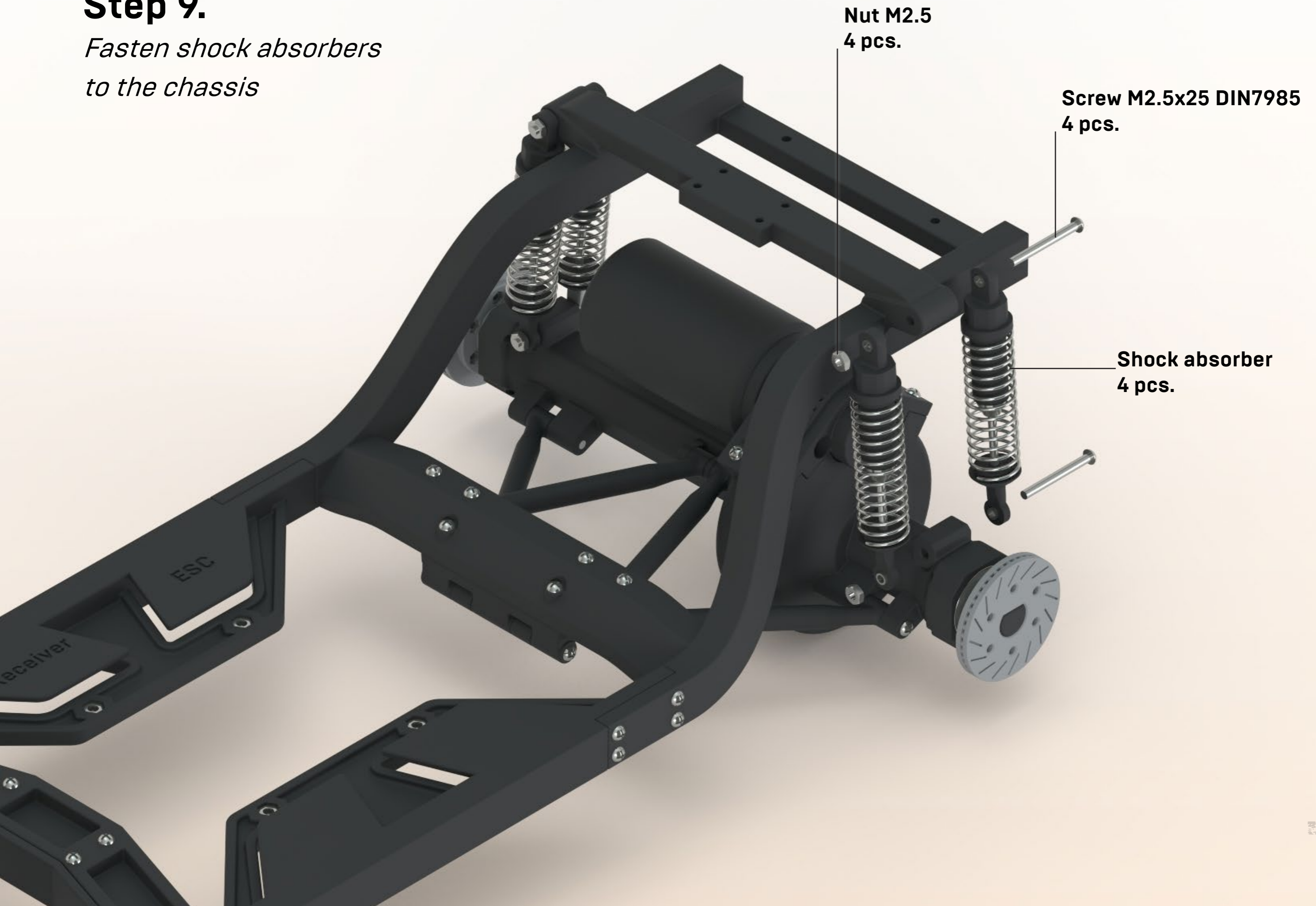
Screw M2.5x14 DIN7985
2 pcs.



Screw M2.5x8 DIN7985
4 pcs.

Step 9.

*Fasten shock absorbers
to the chassis*

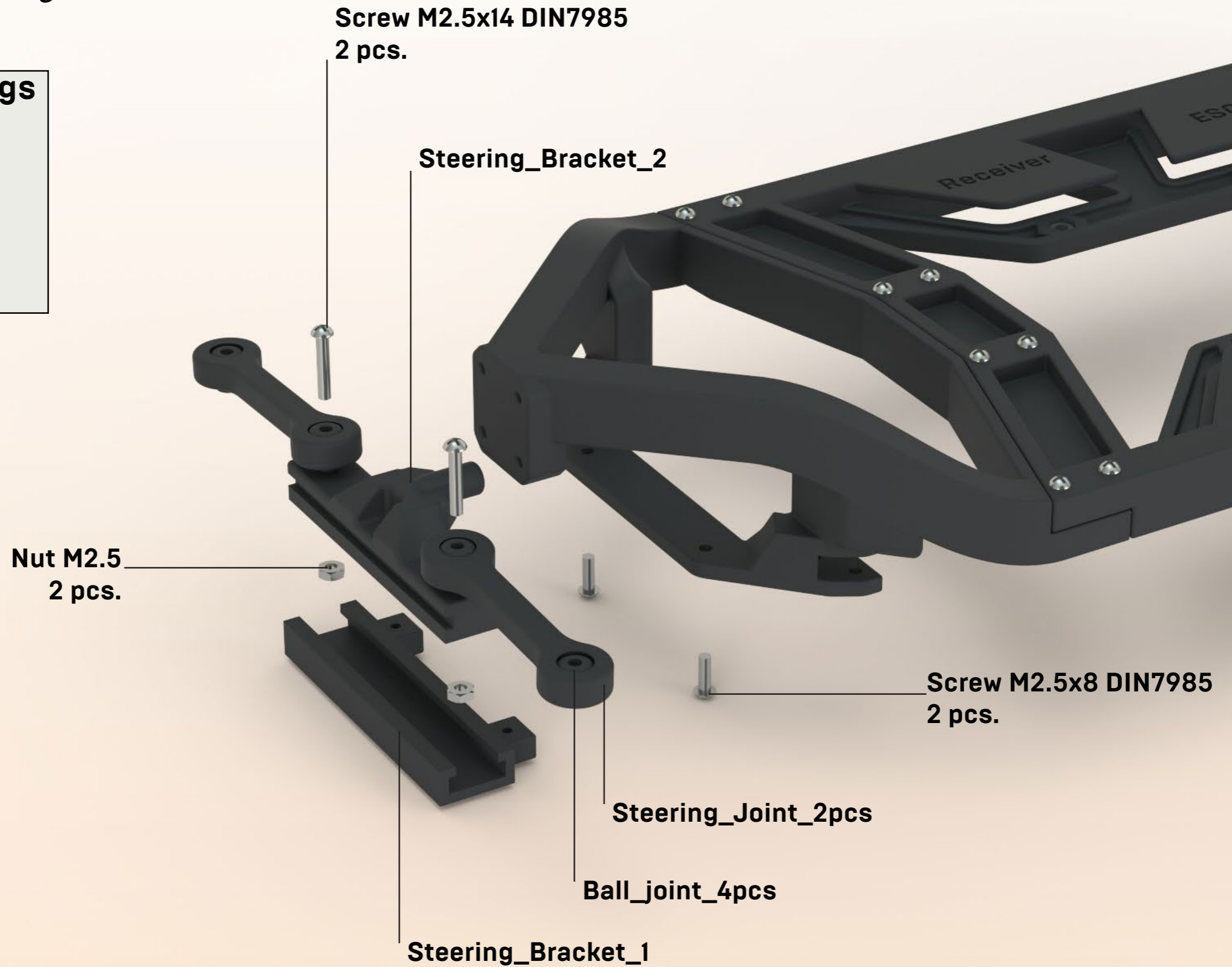


Step 10.

Assemble the steering

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%

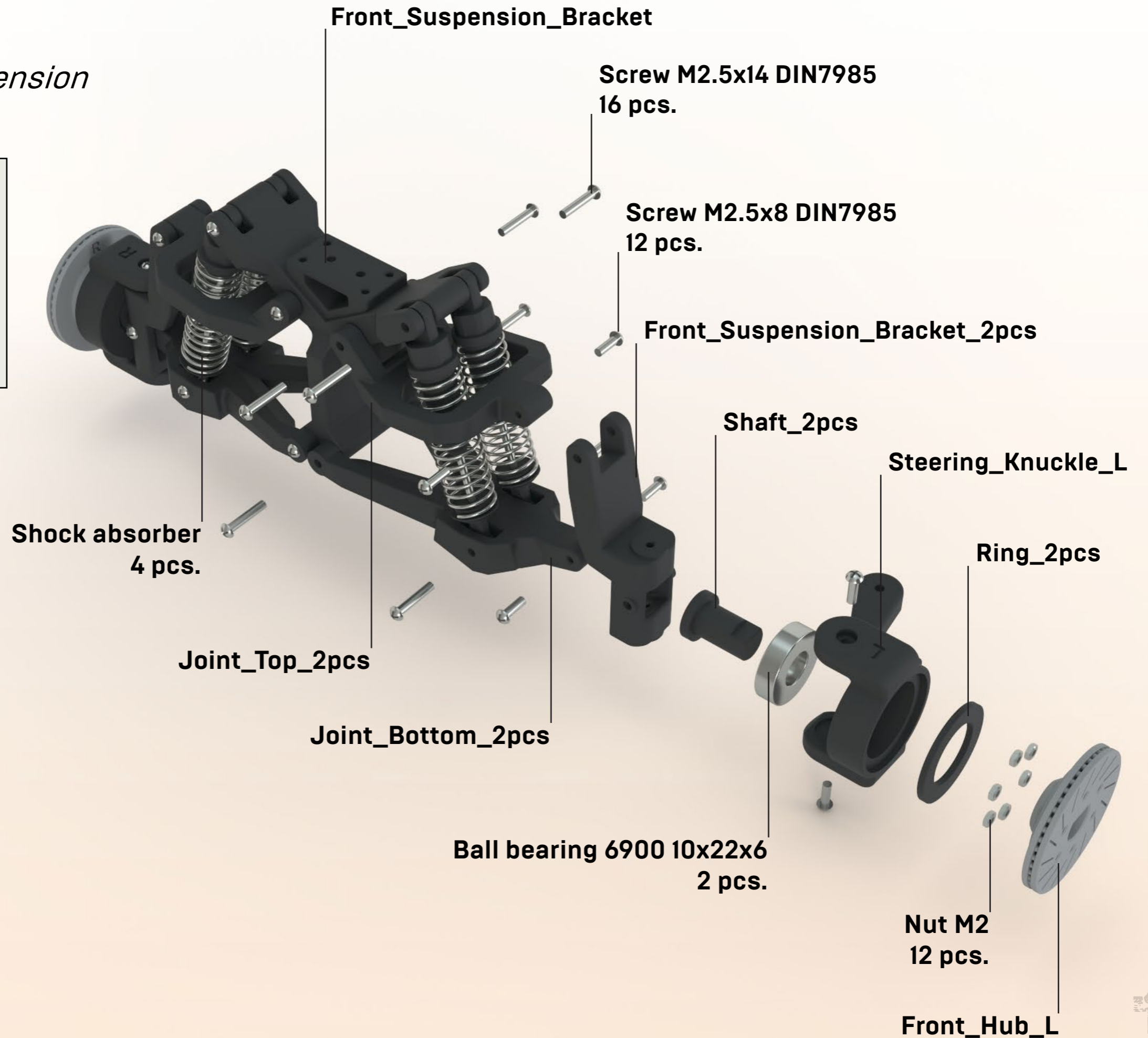


Step 11.

Assemble front suspension

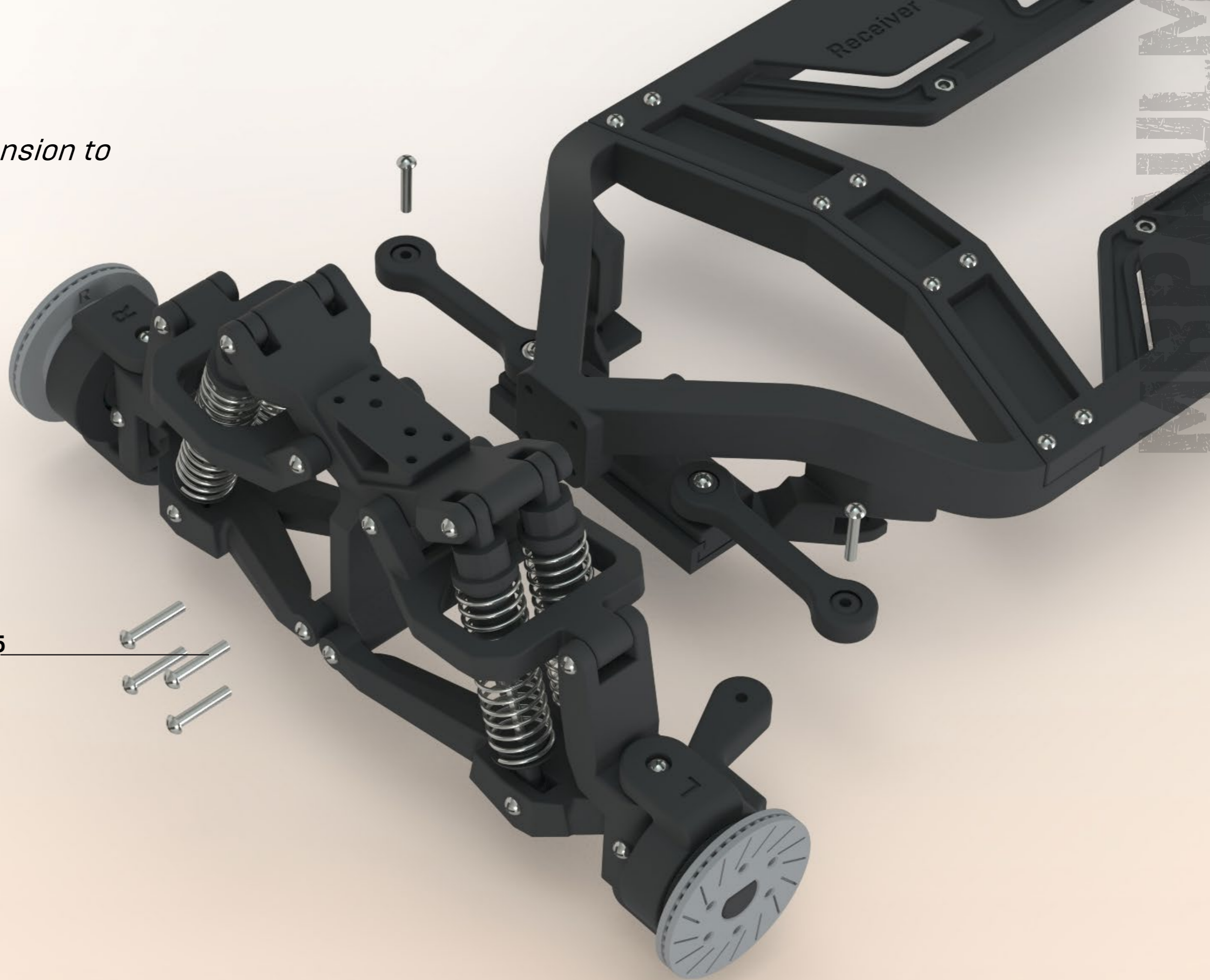
3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%



Step 12.

Fasten front suspension to the chassis



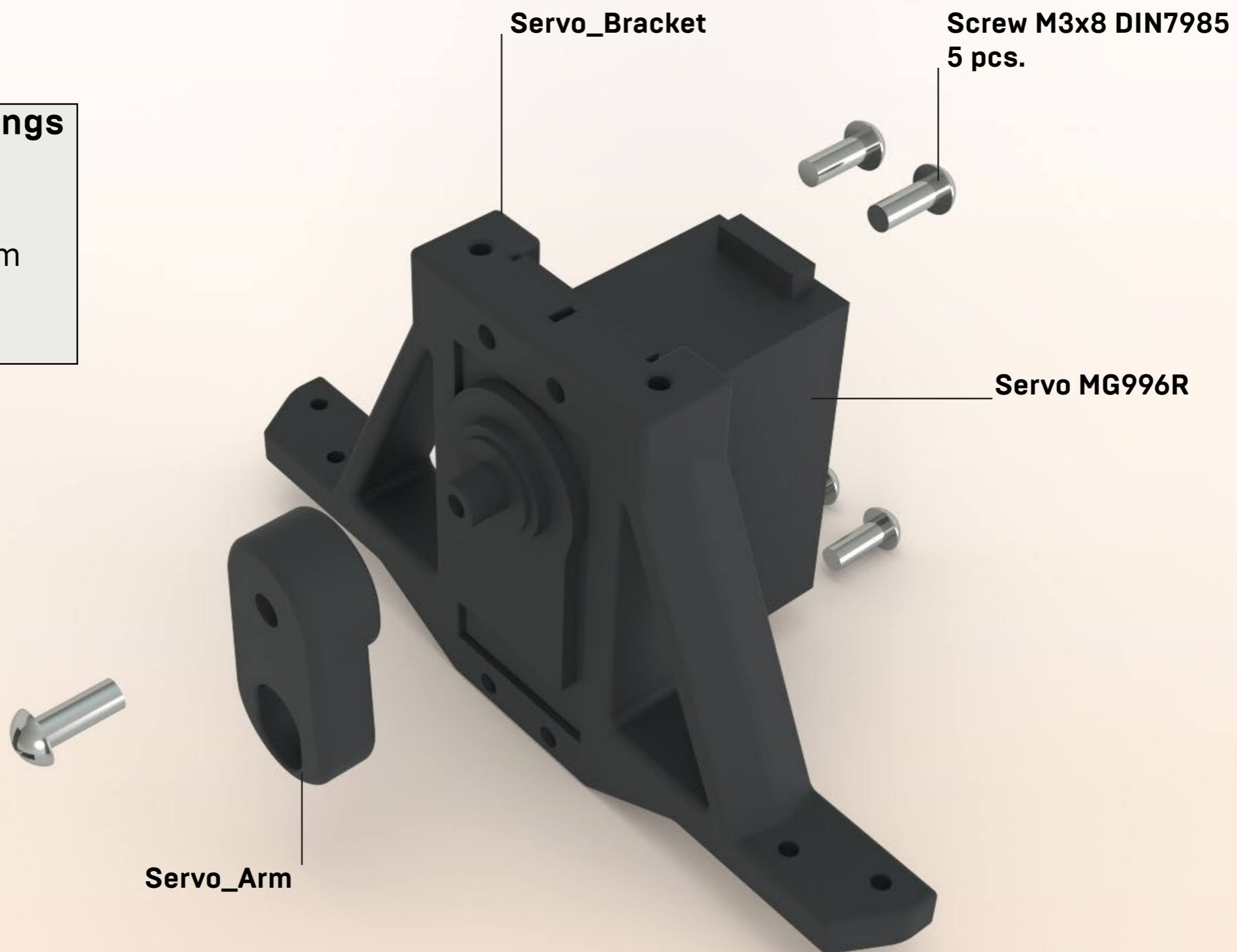
Screw M2.5x14 DIN7985
6 pcs.

Step 13.

Assemble servo

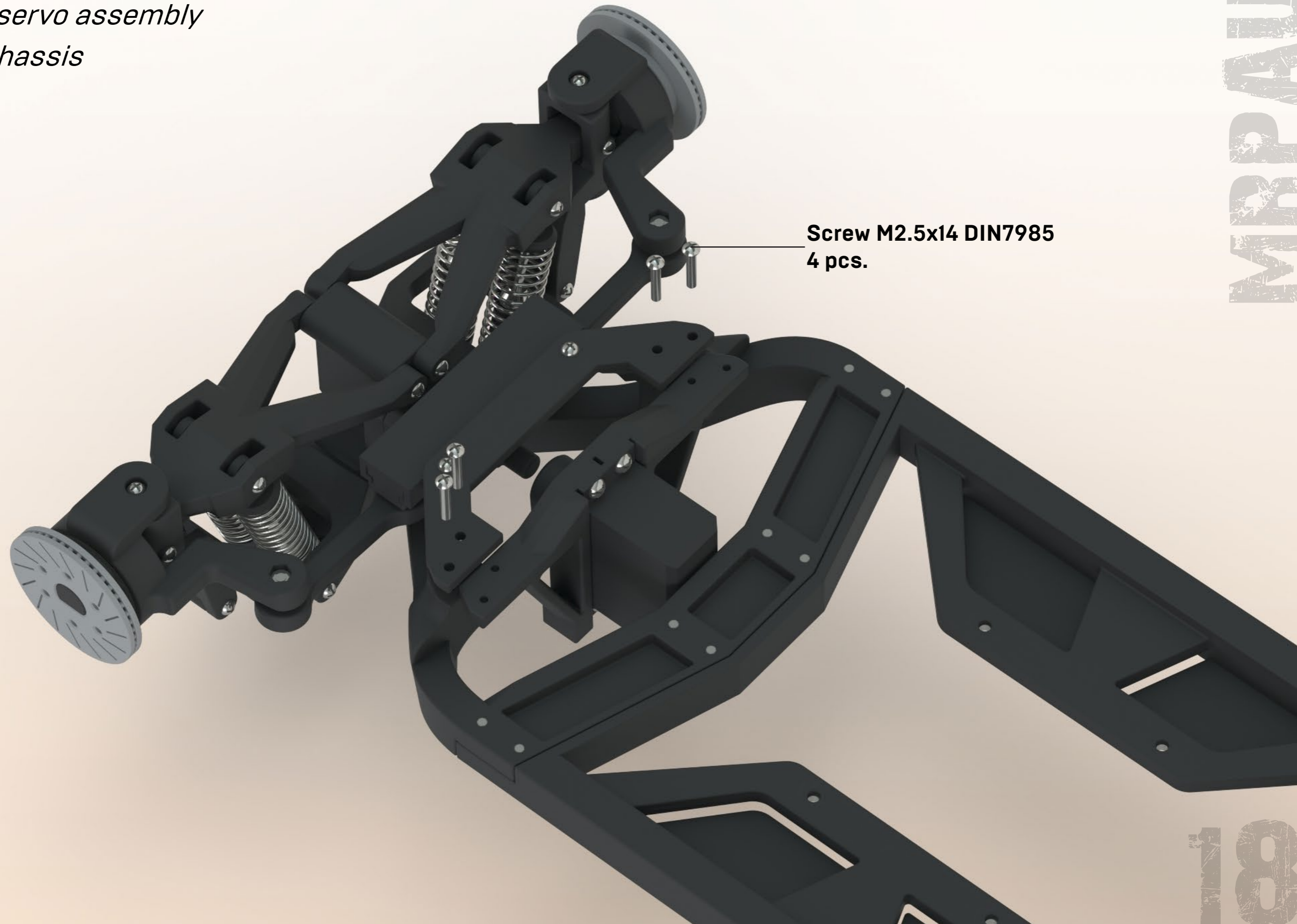
3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%



Step 14.

*Fasten servo assembly
to the chassis*



Screw M2.5x14 DIN7985
4 pcs.

Step 15.

Fasten battery to the chassis

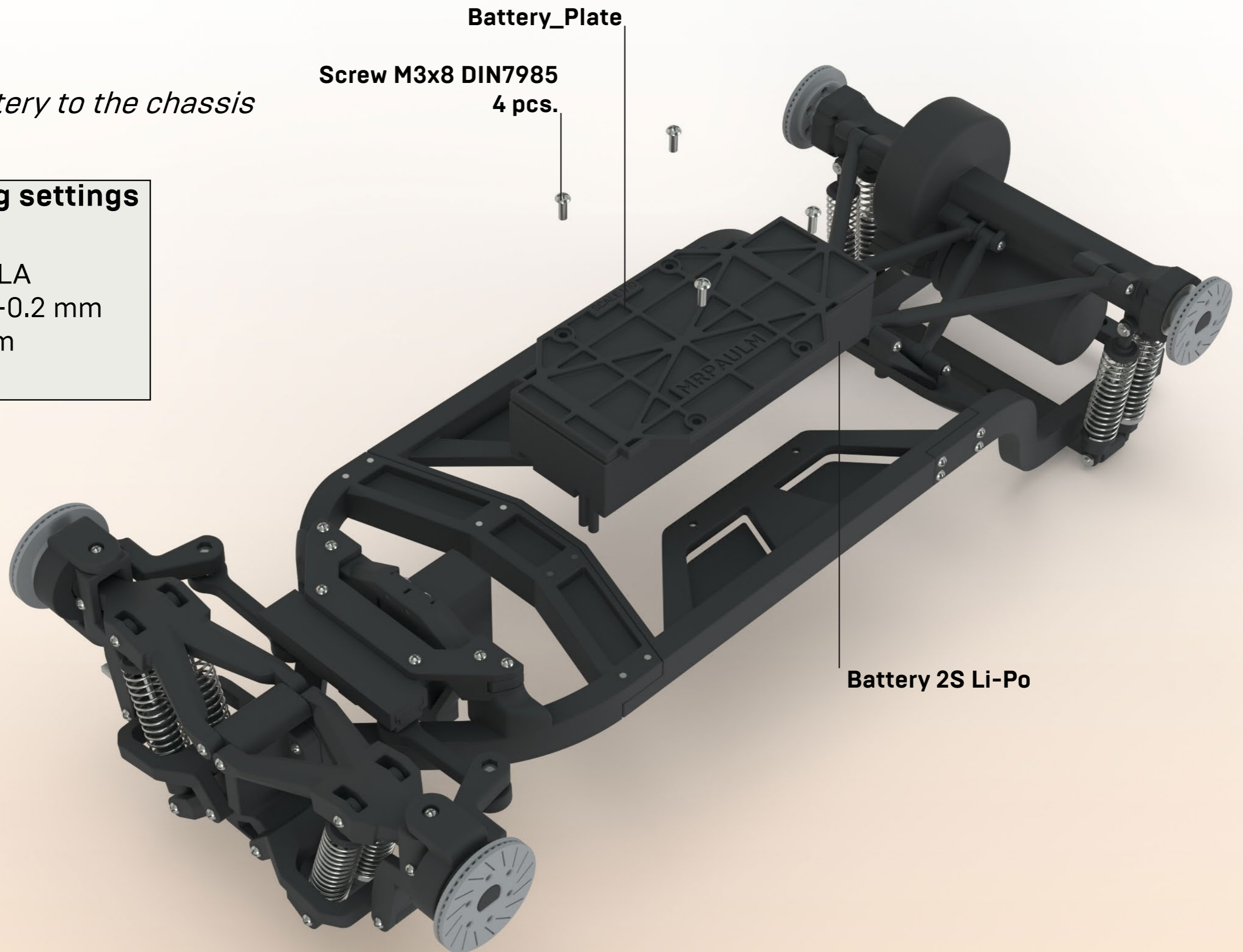
3D printing settings

Material - PLA

Layer - 0.12-0.2 mm

Wall - 1.6 mm

Infill - 100%



Step 16.

*Mount ESC and receiver to the chassis.
Use WAGO connectors to connect wires
of engine and the ESC.*

*(!!only if you have different connectors on
engine and ESC)*



Step 17.

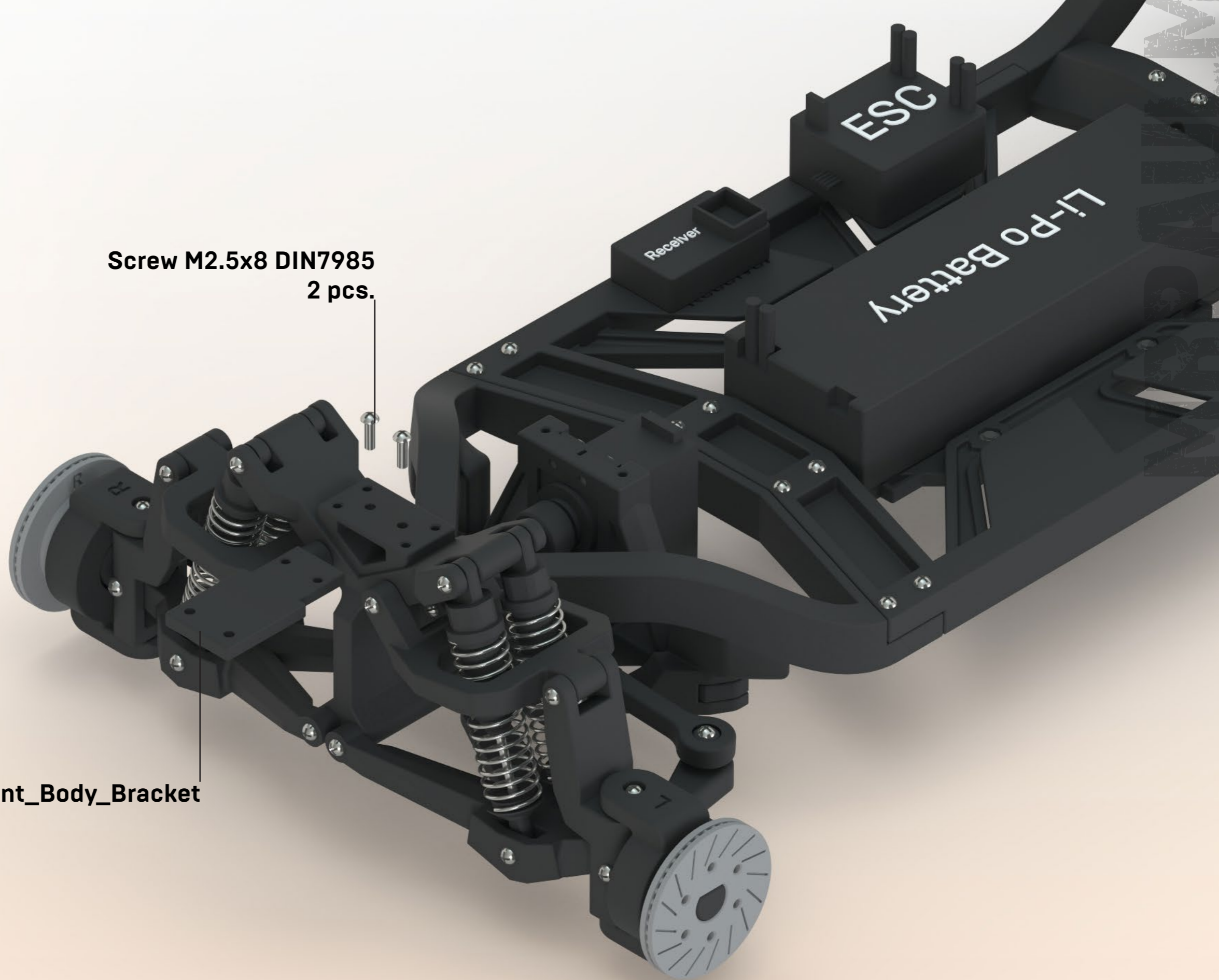
*Fasten body bracket
to the chassis*

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100%

Screw M2.5x8 DIN7985
2 pcs.

Front_Body_Bracket



Step 18.

Fasten beam to the chassis

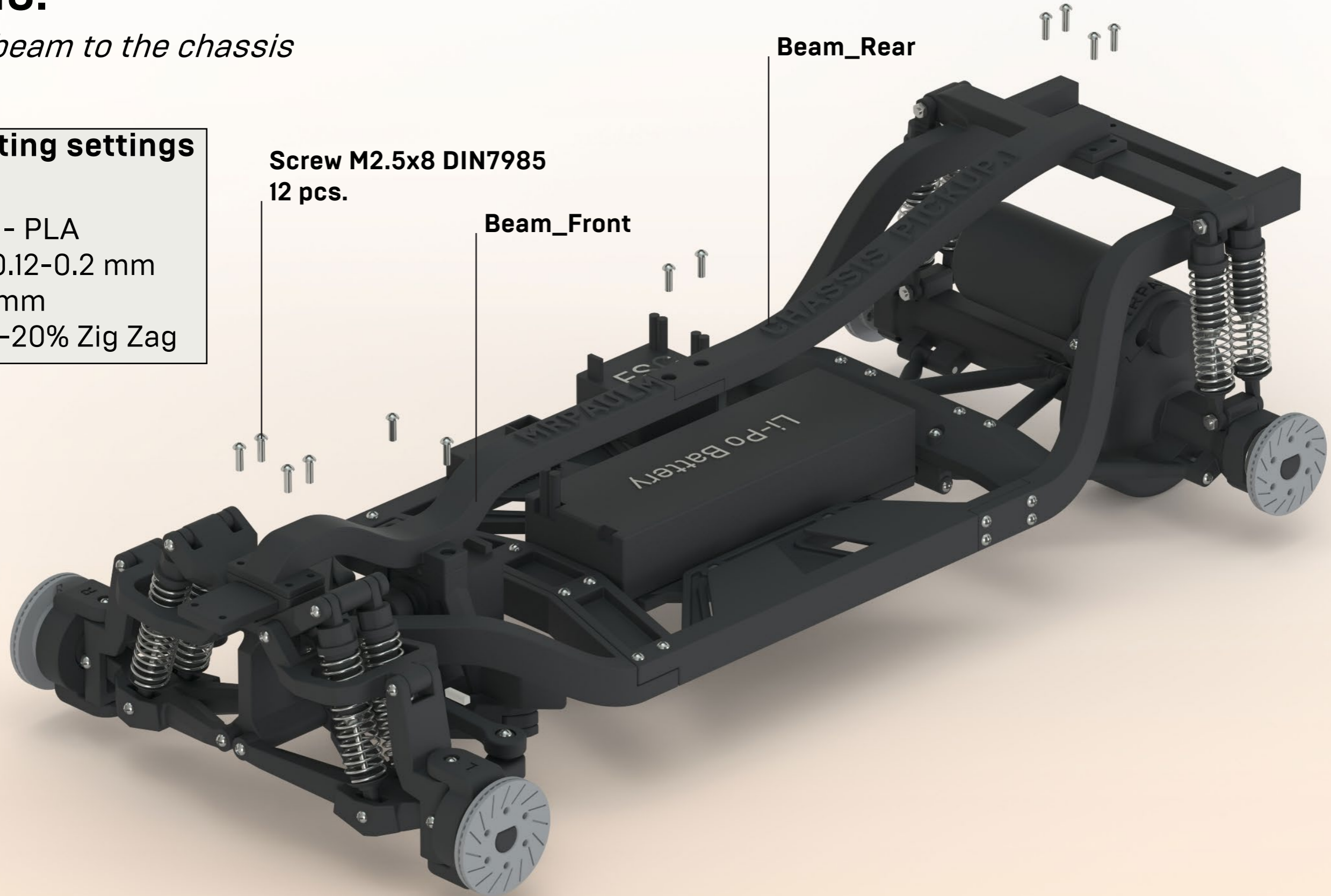
3D printing settings

Material - PLA
 Layer - 0.12-0.2 mm
 Wall - 3 mm
 Infill - 10-20% Zig Zag

Screw M2.5x8 DIN7985
 12 pcs.

Beam_Front

Beam_Rear



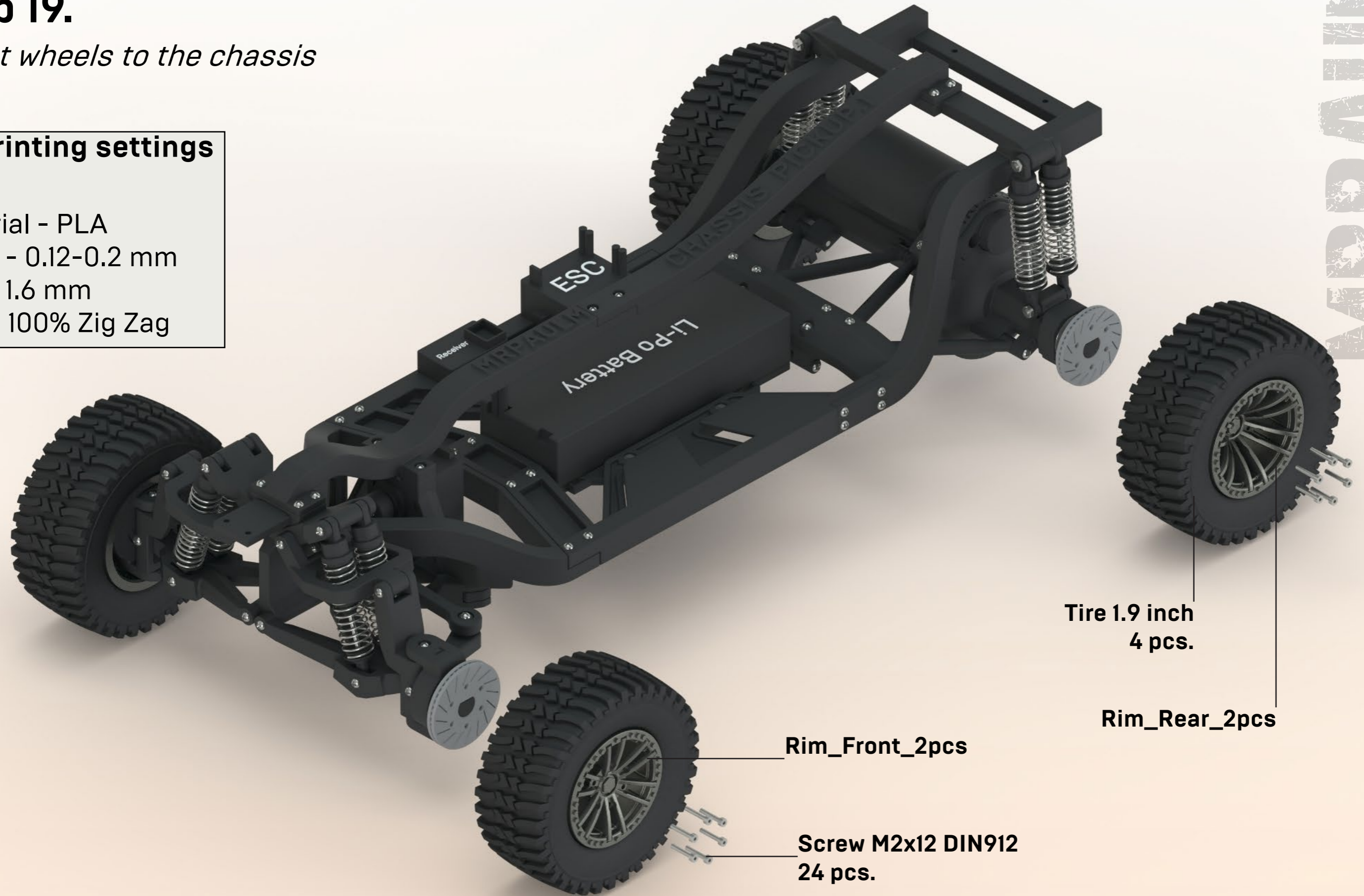
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Step 19.

Mount wheels to the chassis

3D printing settings

Material - PLA
Layer - 0.12-0.2 mm
Wall - 1.6 mm
Infill - 100% Zig Zag



Tire 1.9 inch
4 pcs.

Rim_Rear_2pcs

Rim_Front_2pcs

Screw M2x12 DIN912
24 pcs.

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WELL DONE

UNIVERSAL PICKUP CHASSIS



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END