

# FORD RAPTOR F-150

1:10 SCALE



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Build volume  
220x220x240



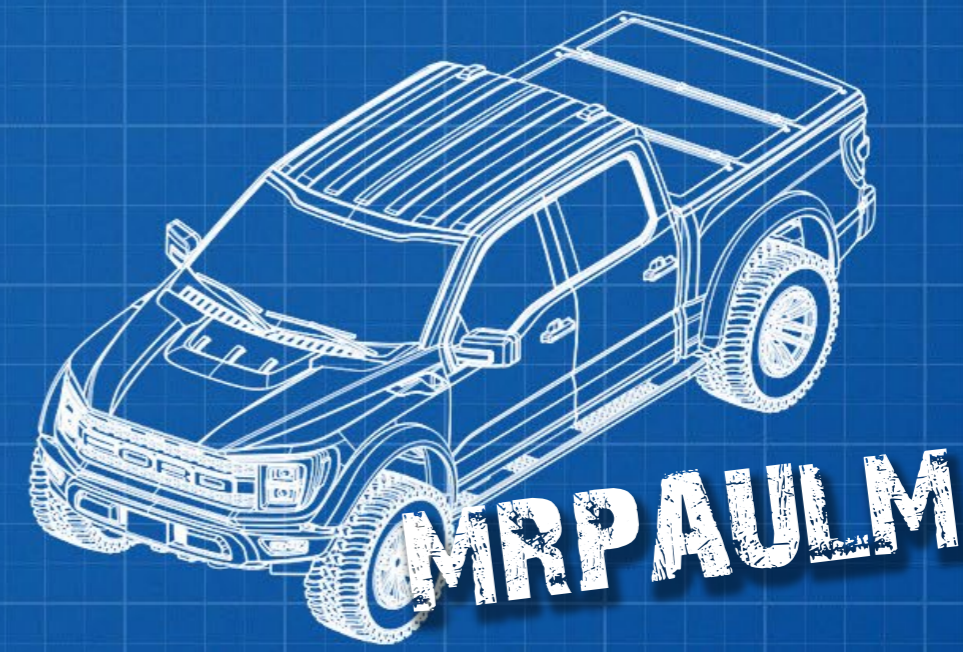
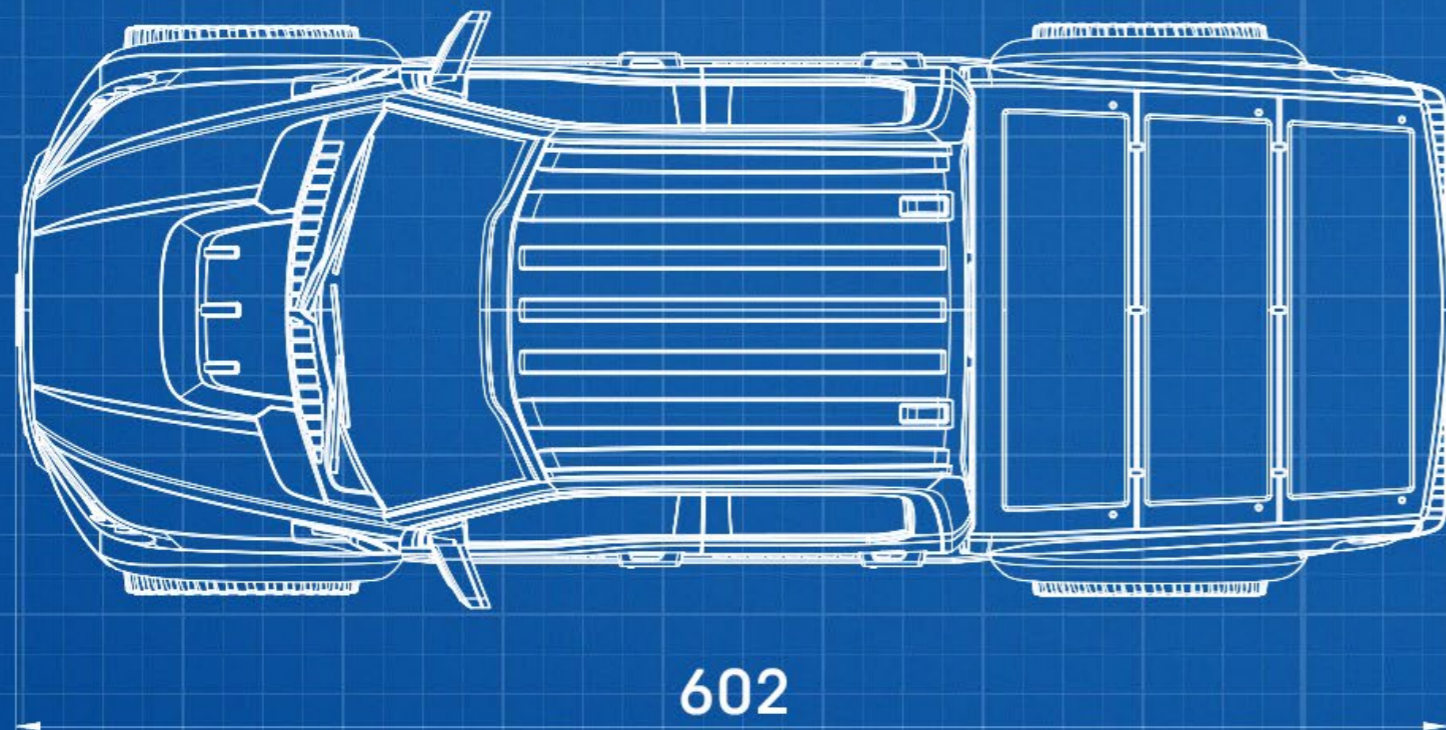
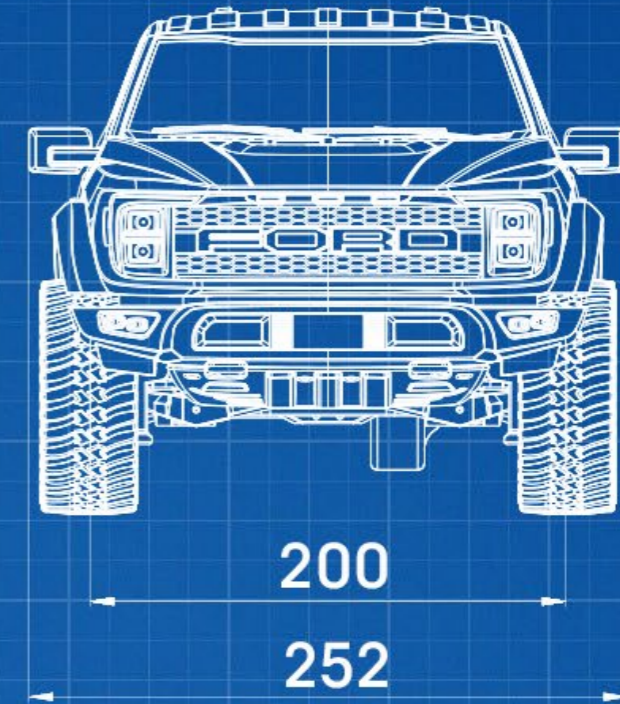
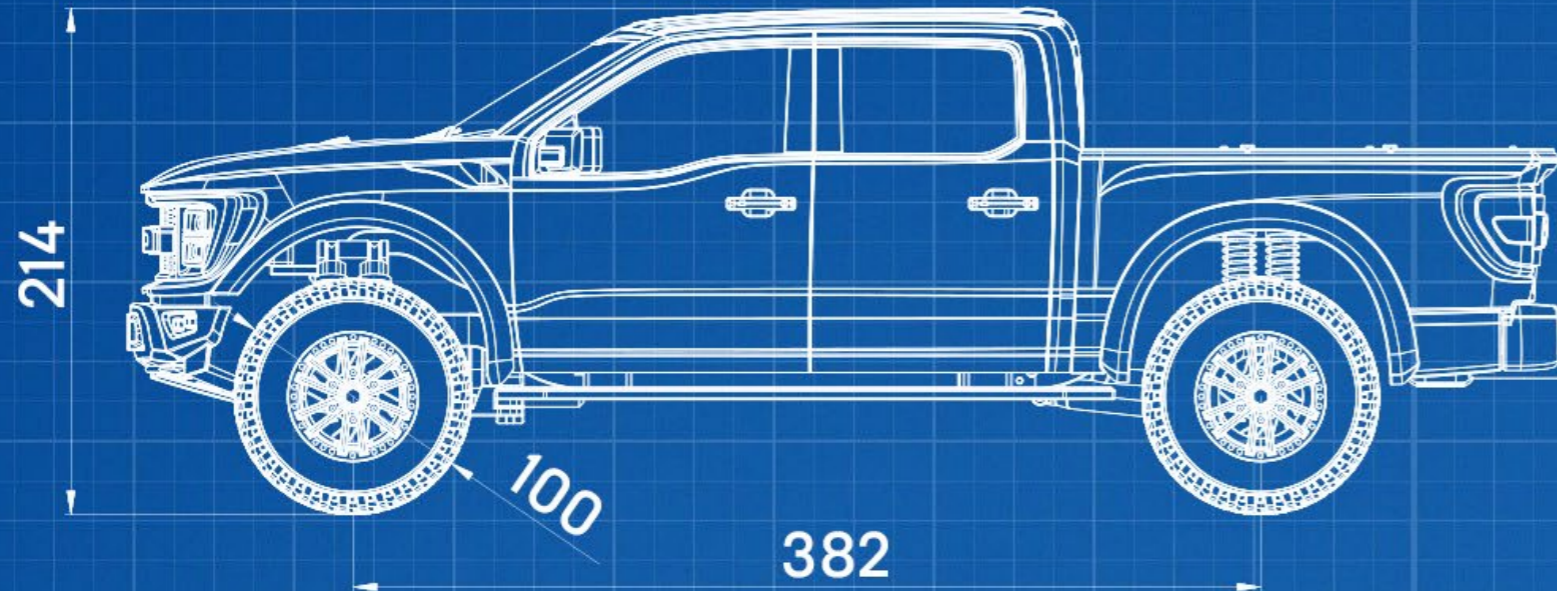


- LIGHTWEIGHT AND DURABLE
- WITH ACTIVE HEADLIGHTS
- THE MODEL IS DIVIDED INTO PARTS FOR PRINTING IN DIFFERENT COLORS

3D  
PRINTING

# FORD RAPTOR F-150 BODY KIT / SCALE 1:10

DIMENSIONS - MILLIMETERS



# BILL OF MATERIALS

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## Fasteners

- Screw M2.5x8 DIN7985 - 28 pcs.
- Screw M2.5x14 DIN7985 - 10 pcs.
- Screw M2.5x25 DIN7985 - 2 pcs.

## Plastic\*

- eSun ePLA-Matte **tangerine** - [Buy](#)
- eSun ePLA-CF **black** - [Buy](#)
- eSun PETG **orange** - [Buy](#)
- eSun PETG **magenta** - [Buy](#)
- eSun PETG **natural** - [Buy](#)
- eSun PLA+ **silver** - [Buy](#)
- eSun PLA+ **white** - [Buy](#)

## Components

- LED lighting kit - [Buy](#)

## 3D printed parts:

- Chassis - [Download](#)

*\* 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.*

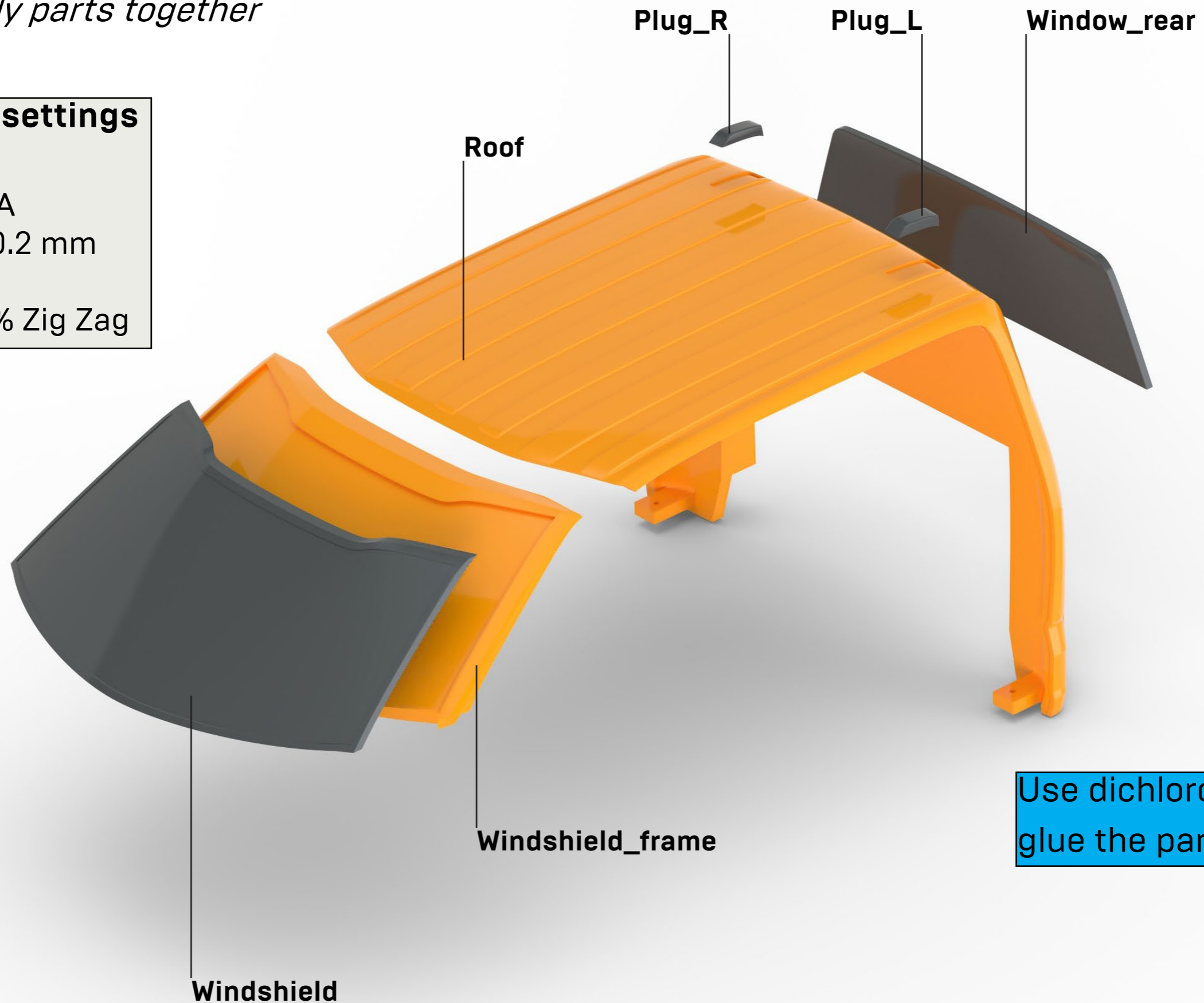


# Step 1.

*Glue the body parts together*

## 3D printing settings

Material - PLA  
Layer - 0.12-0.2 mm  
Wall - 1.6 mm  
Infill - 20-30% Zig Zag



Use dichloromethane to glue the parts together

## Step 2.

*Glue the door parts together*

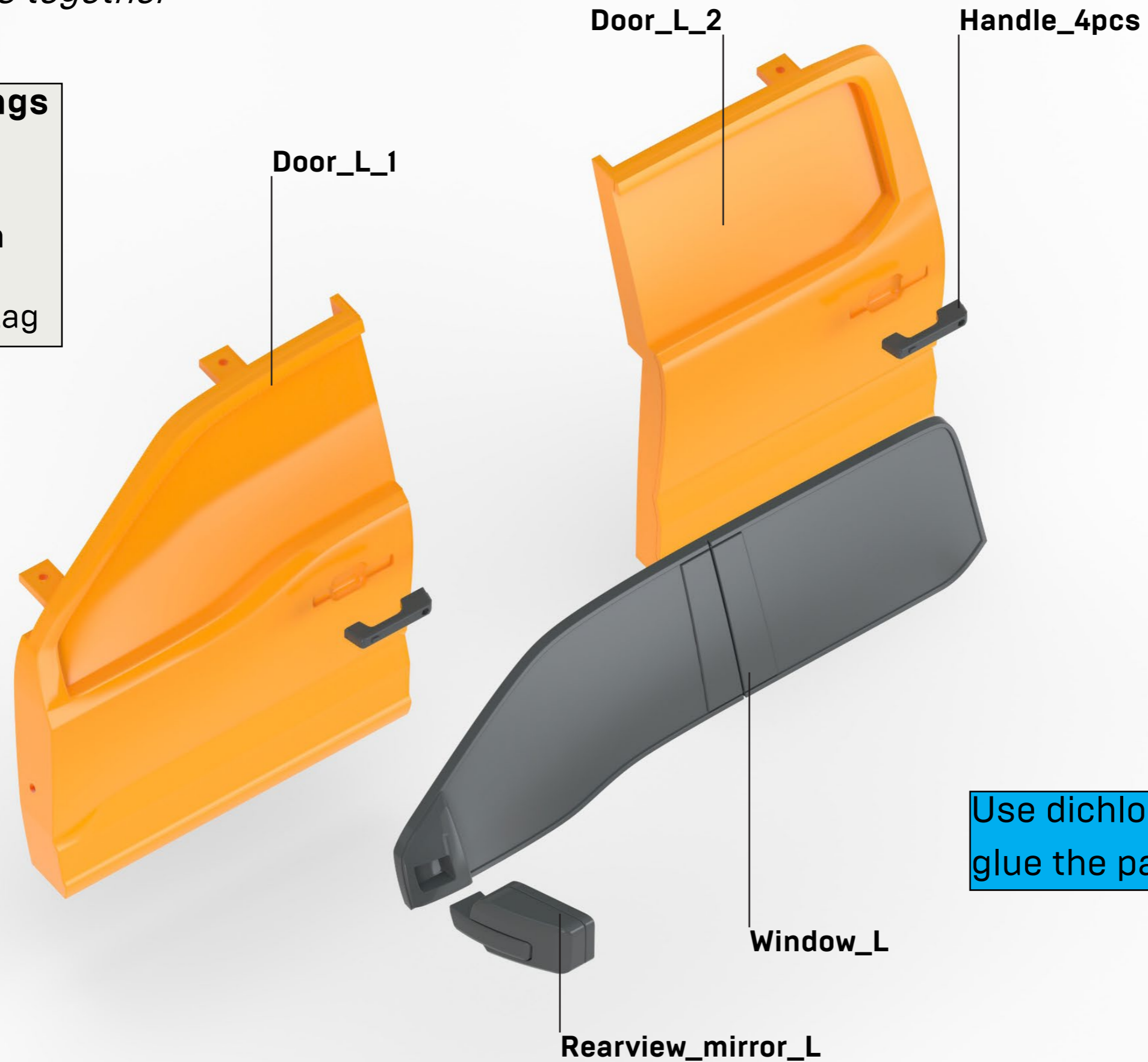
### 3D printing settings

Material - PLA

Layer - 0.12-0.2 mm

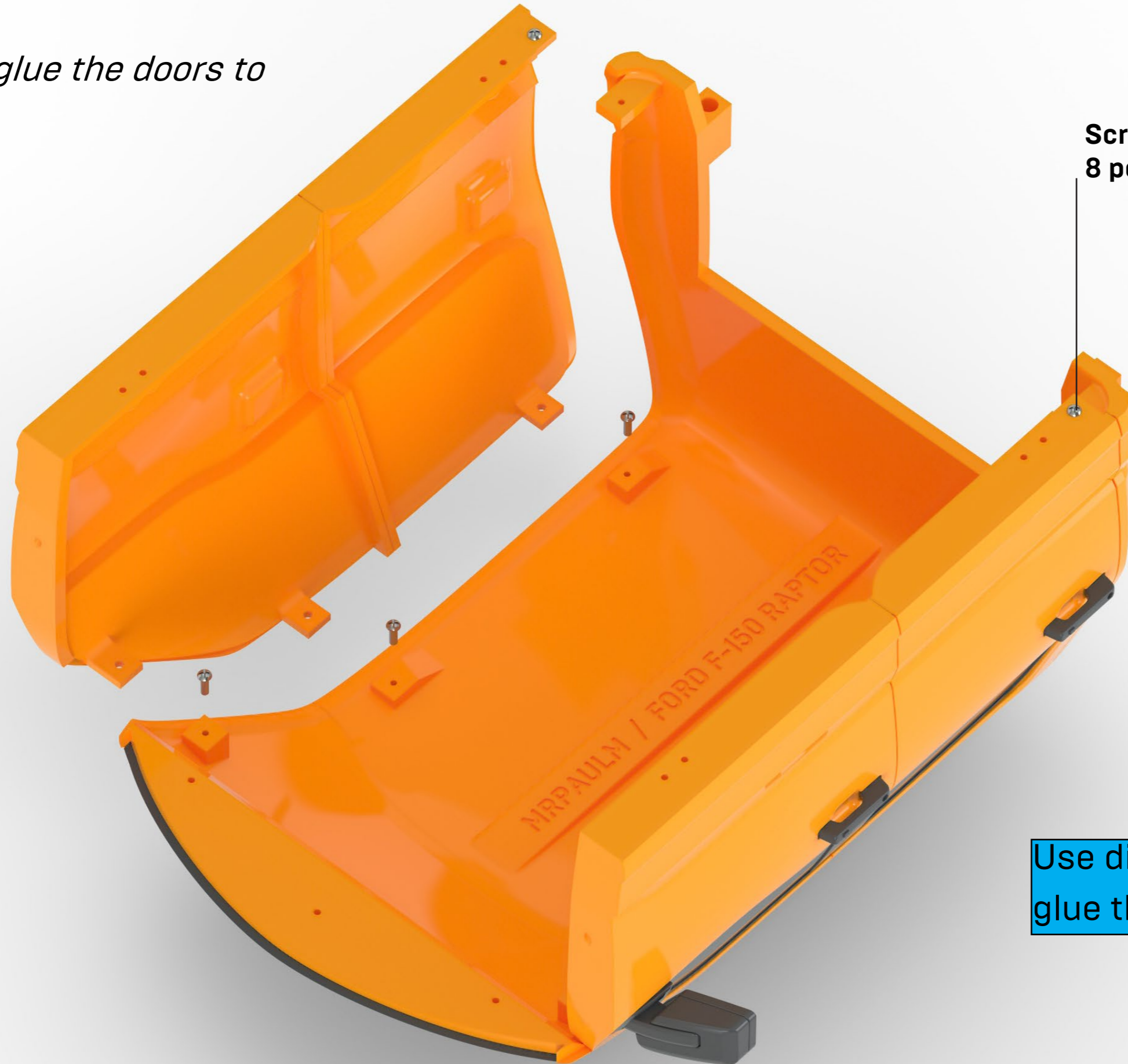
Wall - 1.6 mm

Infill - 20-30% Zig Zag



### Step 3.

*Fasten and glue the doors to the body*



**Screw M2.5x8 DIN7985  
8 pcs.**

Use dichloromethane to glue the parts together

## Step 4.

*Glue the trunk parts together*

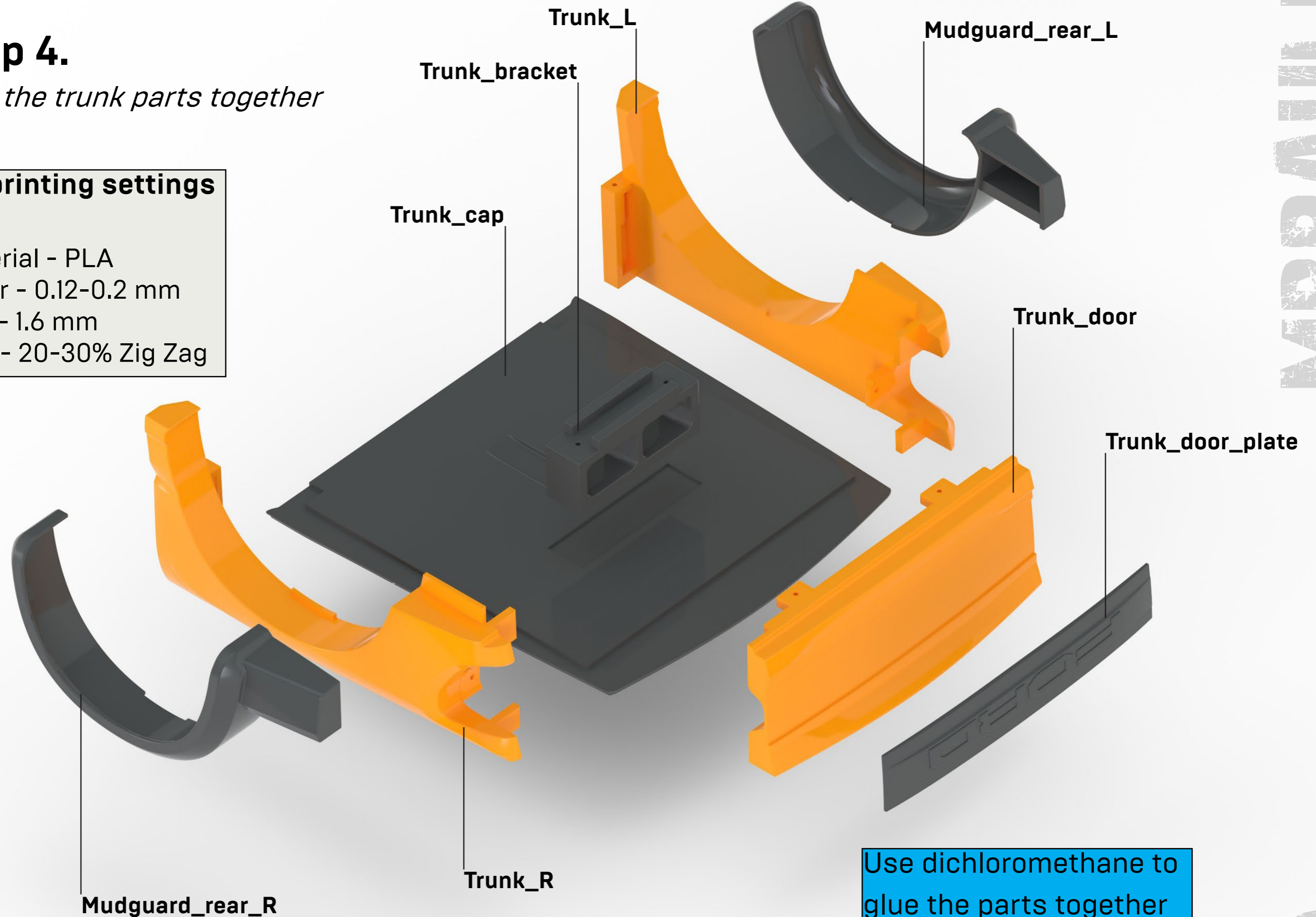
### 3D printing settings

Material - PLA

Layer - 0.12-0.2 mm

Wall - 1.6 mm

Infill - 20-30% Zig Zag

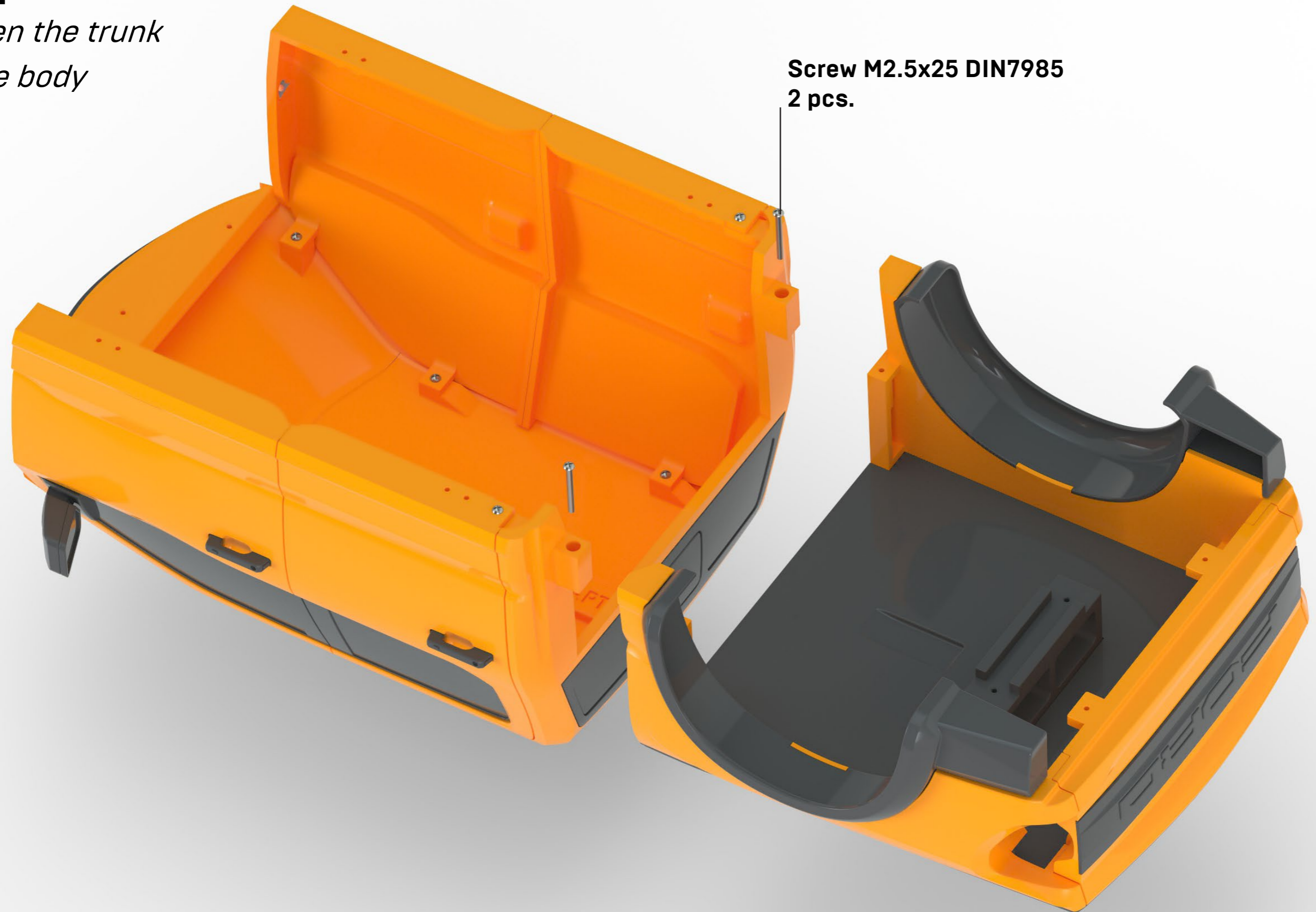


Use dichloromethane to glue the parts together



## Step 5.

*Fasten the trunk  
to the body*



**Screw M2.5x25 DIN7985  
2 pcs.**

## Step 6.

*Glue the hood parts together*

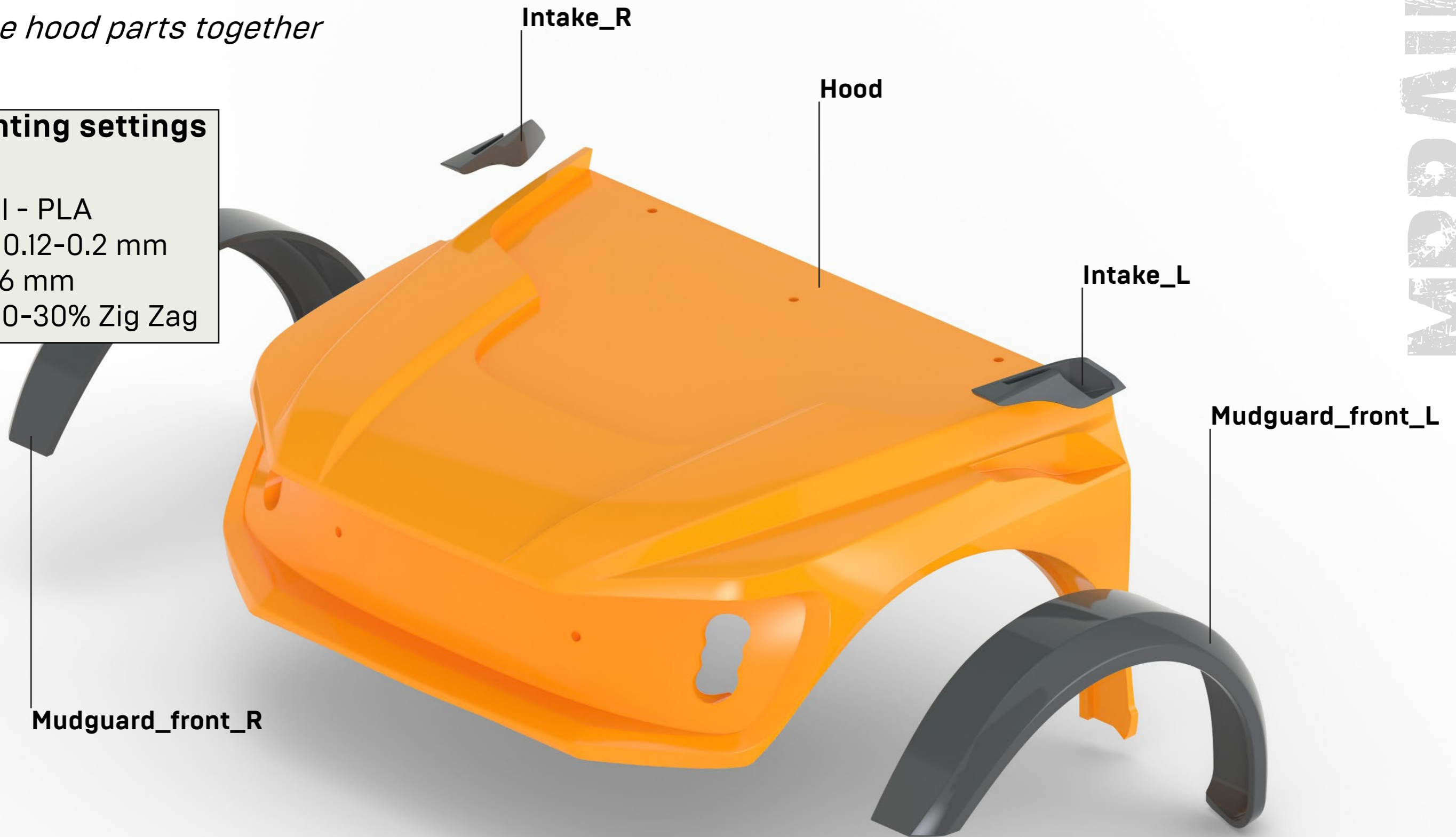
### 3D printing settings

Material - PLA

Layer - 0.12-0.2 mm

Wall - 1.6 mm

Infill - 20-30% Zig Zag



Use dichloromethane to  
glue the parts together

## Step 7.

*Fasten and glue the hood to the body*

**Screw M2.5x8 DIN7985  
3 pcs.**

**Screw M2.5x14 DIN7985  
2 pcs.**

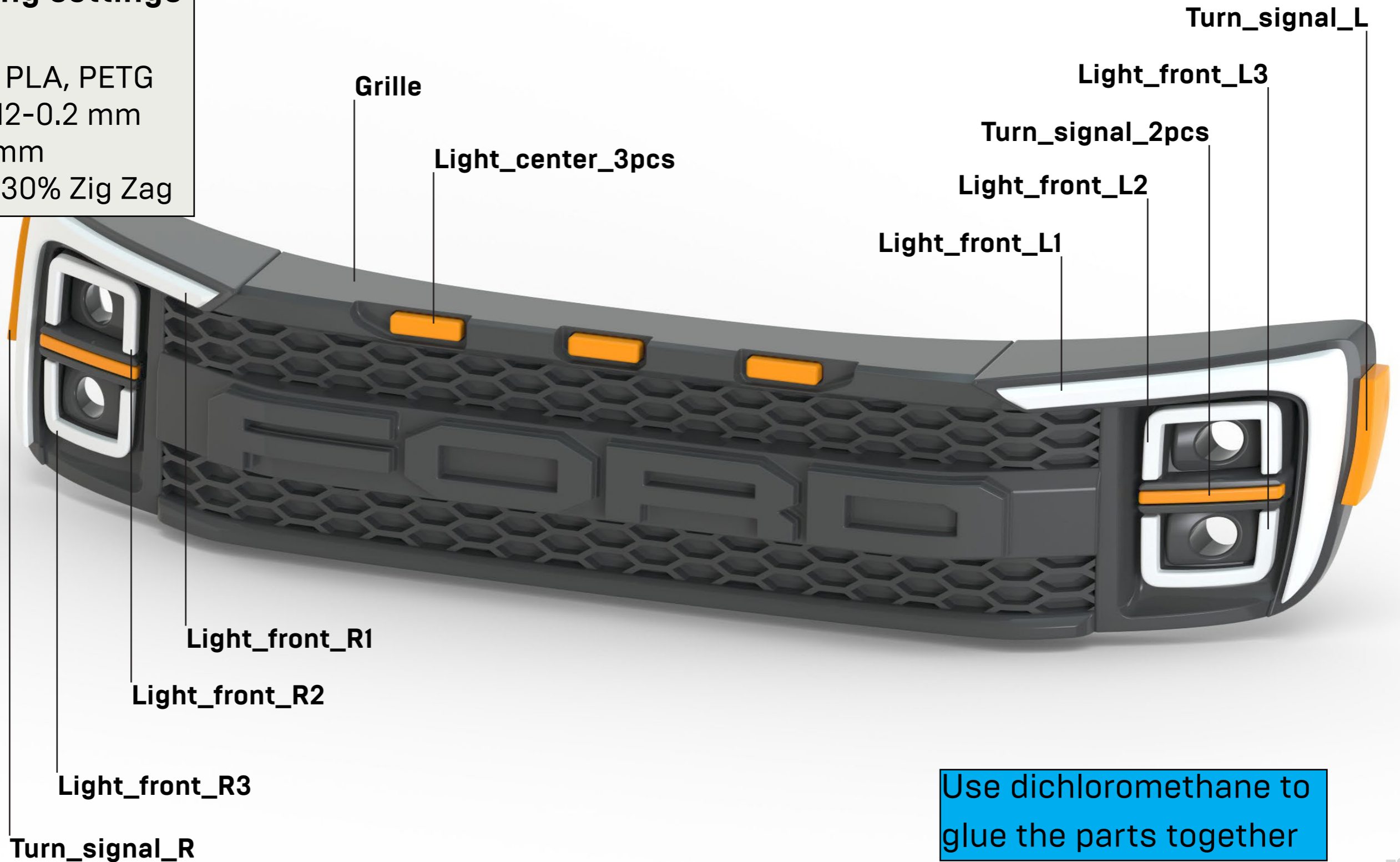
Use dichloromethane to glue the parts together

# Step 8.

*Glue the grille parts together*

## 3D printing settings

Material - PLA, PETG  
Layer - 0.12-0.2 mm  
Wall - 1.6 mm  
Infill - 20-30% Zig Zag



Use dichloromethane to glue the parts together

## Step 9.

*Fasten the grille to the hood*



**Screw M2.5x8 DIN7985**  
**2 pcs.**

## Step 10.

*Glue the cap parts and wipers to the body*

### 3D printing settings

Material - PLA  
Layer - 0.12-0.2 mm  
Wall - 1.6 mm  
Infill - 20-30% Zig Zag

Hood\_cap\_1

Hood\_cap\_2

Wiper\_2\_2pcs

Wiper\_1\_2pcs

Use dichloromethane to glue the parts together

# Step 11.

*Install the lights*

## 3D printing settings

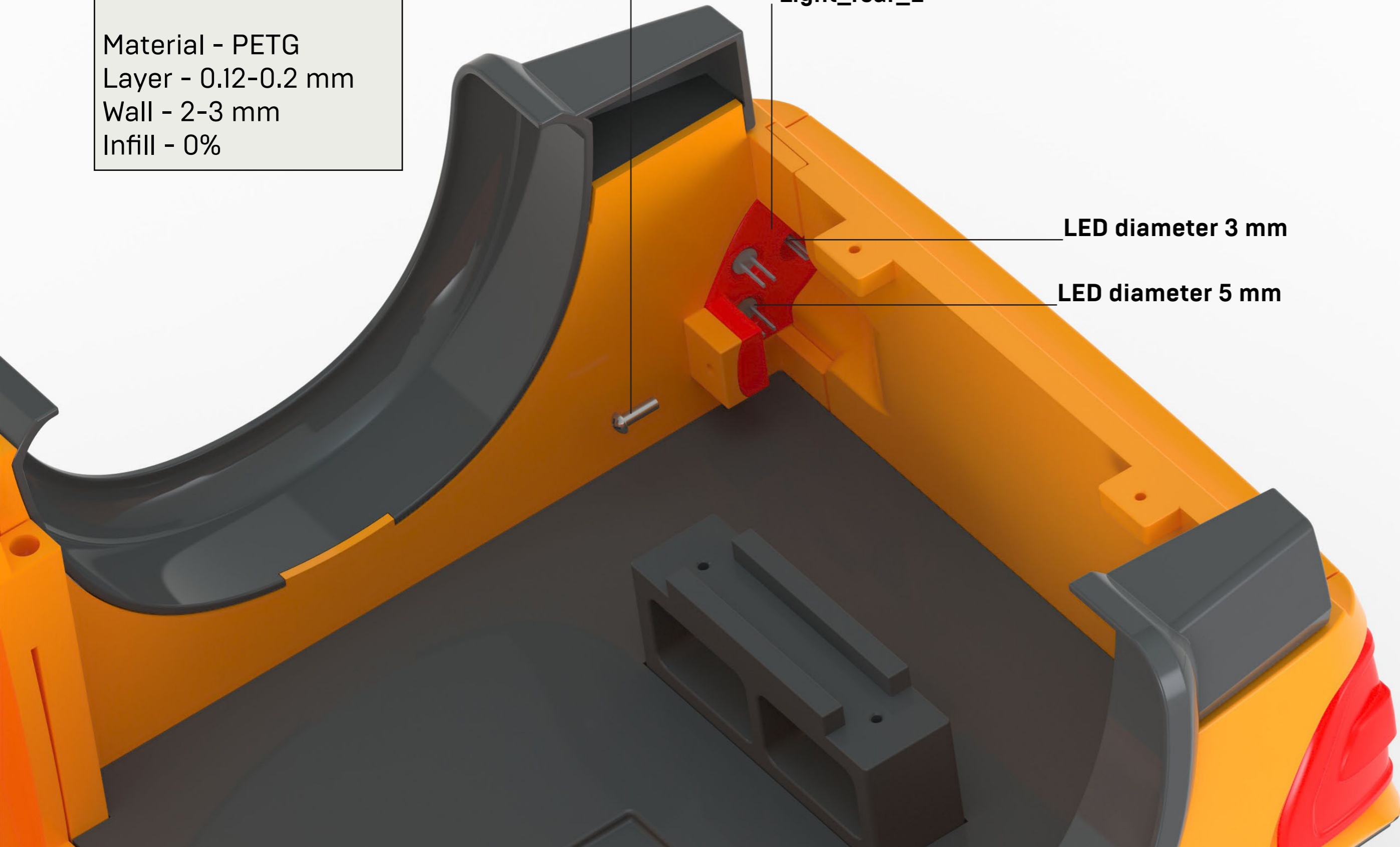
Material - PETG  
Layer - 0.12-0.2 mm  
Wall - 2-3 mm  
Infill - 0%

Screw M2.5x8 DIN7985  
2 pcs.

Light\_rear\_L

LED diameter 3 mm

LED diameter 5 mm



## Step 12.

*Install the lights*

LED diameter 5 mm

LED diameter 3 mm





## Step 13.

*Glue the parts*

### 3D printing settings

Material - PLA

Layer - 0.12-0.2 mm

Wall - 1.6 mm

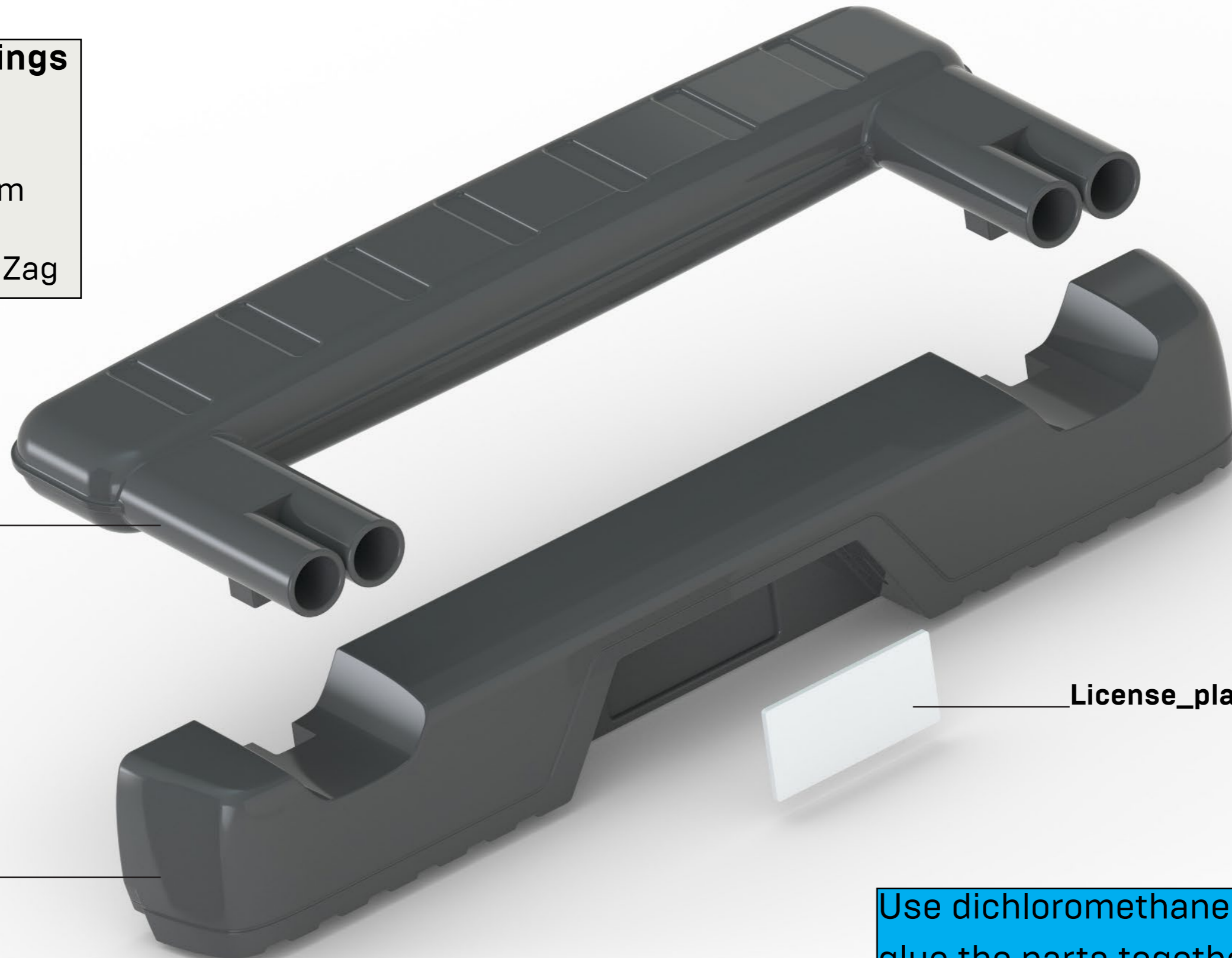
Infill - 20-30% Zig Zag

Muffler

License\_plate\_2pcs

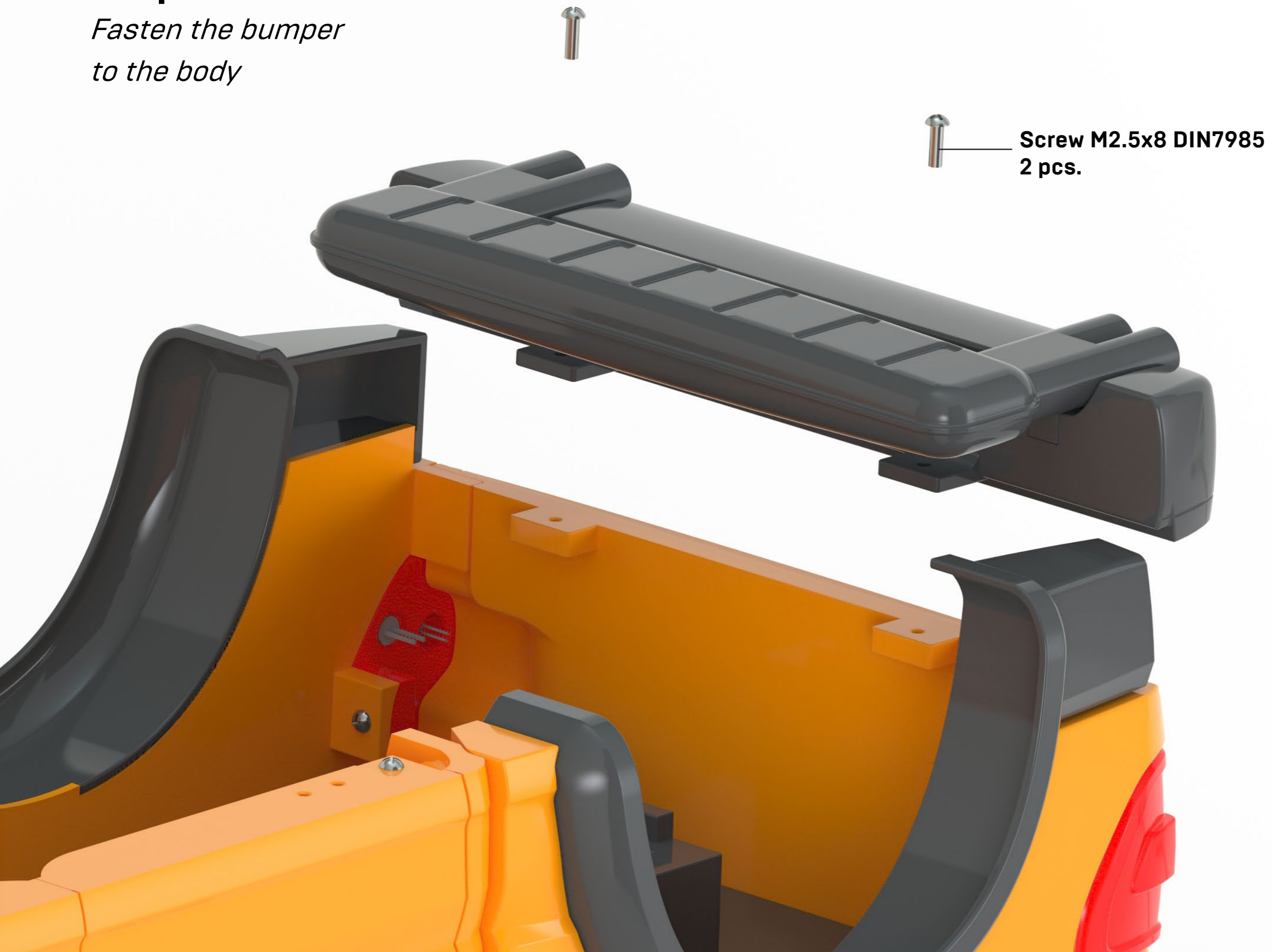
Bumper\_rear

Use dichloromethane to  
glue the parts together



## Step 14.

*Fasten the bumper  
to the body*

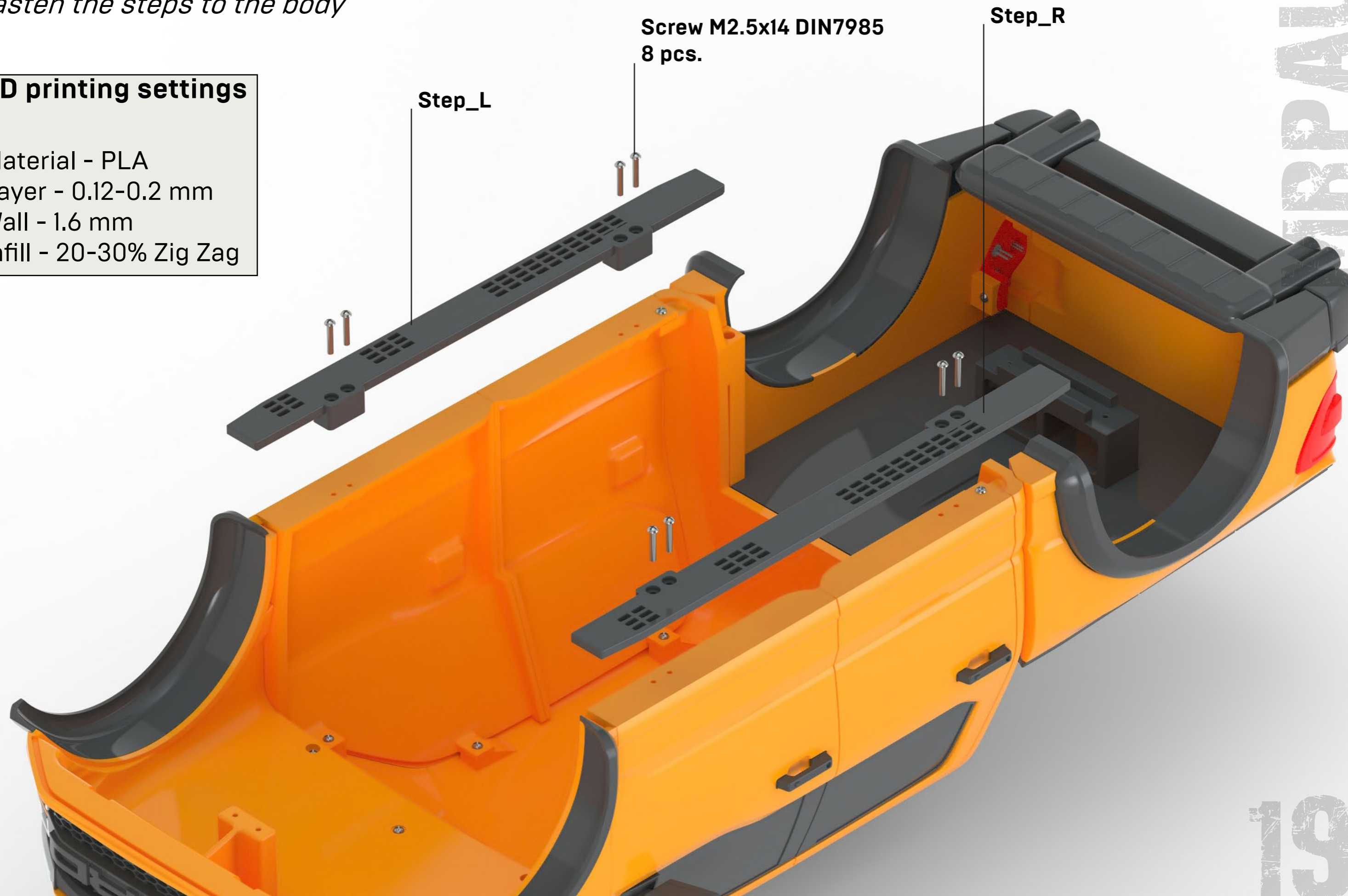


# Step 15.

*Fasten the steps to the body*

## 3D printing settings

Material - PLA  
Layer - 0.12-0.2 mm  
Wall - 1.6 mm  
Infill - 20-30% Zig Zag

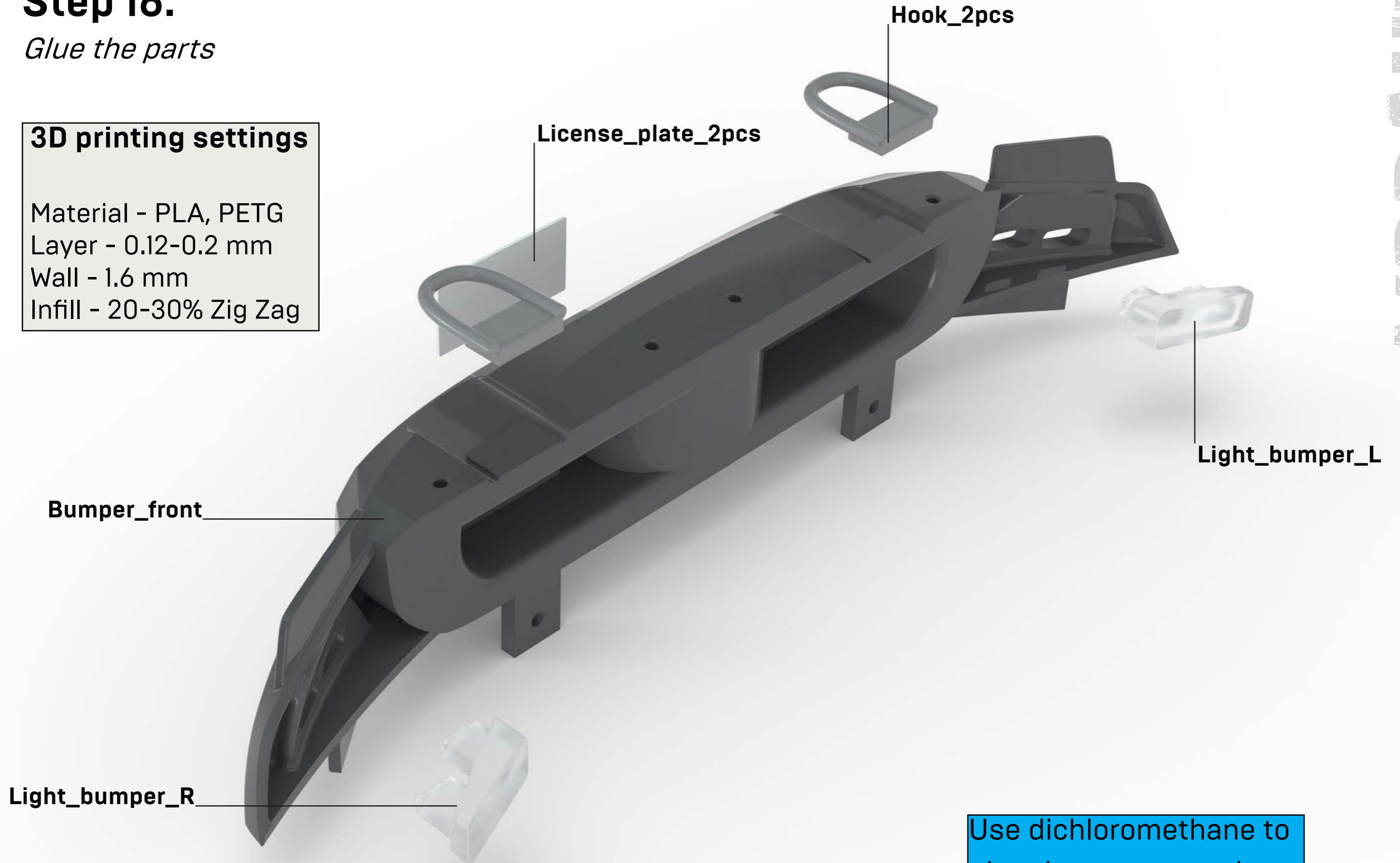


# Step 16.

*Glue the parts*

## 3D printing settings

Material - PLA, PETG  
Layer - 0.12-0.2 mm  
Wall - 1.6 mm  
Infill - 20-30% Zig Zag



Use dichloromethane to glue the parts together

## Step 17.

*Fasten the bumper to the body*

Screw M2.5x8 DIN7985  
2 pcs.



## Step 18.

*Fasten the guard to the bumper*

### 3D printing settings

Material - PLA

Layer - 0.12-0.2 mm

Wall - 1.6 mm

Infill - 20-30% Zig Zag

Screw M2.5x8 DIN7985

4 pcs.

Guard



## Step 19.

*Fasten the body kit to the chassis*

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Screw M2.5x8 DIN7985  
4 pcs.





**WELL DONE**

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**FORD RAPTOR F-150 BODY KIT**



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**END**