

# Tow truck - RC update

Fully 3D printed on FDM with extra functionality



More models at:

**[www.3drcmodels.com](http://www.3drcmodels.com)**

# Non printed parts

## Screws

**5x M2 x 20mm**

**37x M2 x 6mm**

**23x M2 x 12mm**

**10x M2 x 10mm (philips)**



*\* These are just recommended screw/bolt lengths. Similar M2 can fit too.*

## Bearings

**6x 7x11x3**



*\* If you want to build car as RC, you will need 1 extra 7x11x3 bearings.*

## Magnets

**6x 10mm x 1.5mm**



*\* Use neodymium magnets. They are strong and can handle more stress*

## RC electronic *\* Optional if you want to have it as RC*



**2S ESC**

*\* No fancy ESC required.*



**6V DC Motor**

*\* max 400 RPM*



**2S Lipo battery**

*\* Around 400mah is more than enough.*



**RC Set**

*\* Just basic RC set will do the job*

# Prologue

## Thank you

Thank you for supporting my hobby by buying this model. I had great time designing this kit and I hope you will have same building it and playing with it. Thanks to larger scale, it's really nice kit to build with your kids so give them screwdriver and let them have fun too.

More models can be found at  
[www.3drcmodels.com](http://www.3drcmodels.com)

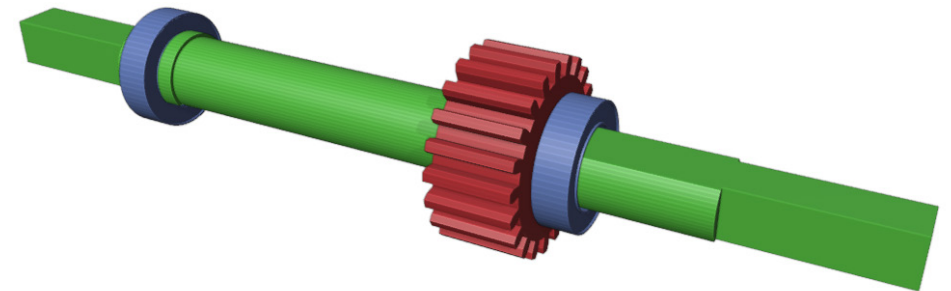
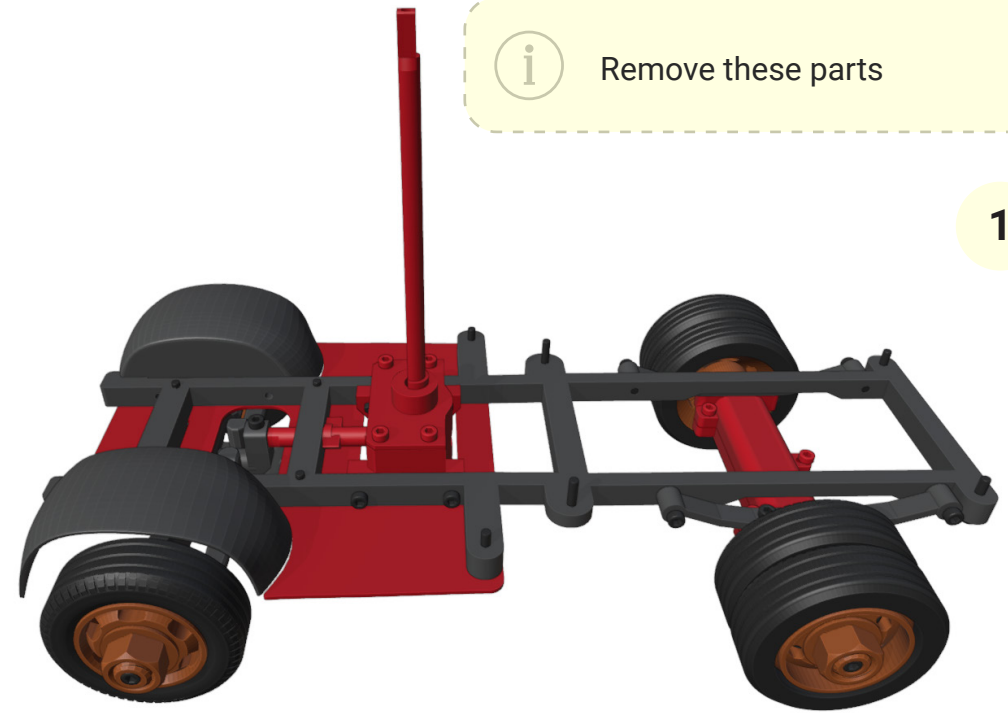
## Warning!


Please be careful! Kit contains lots of small parts that can be swallowed by infant. Even after build is finished, small parts can be ripped off and can be dangerous. Part of kit are also neodymium magnets that are very strong and swallowing them can cause serious health issues! I don't recommend giving this toy to kid younger 3 years.

# 1. RC Update



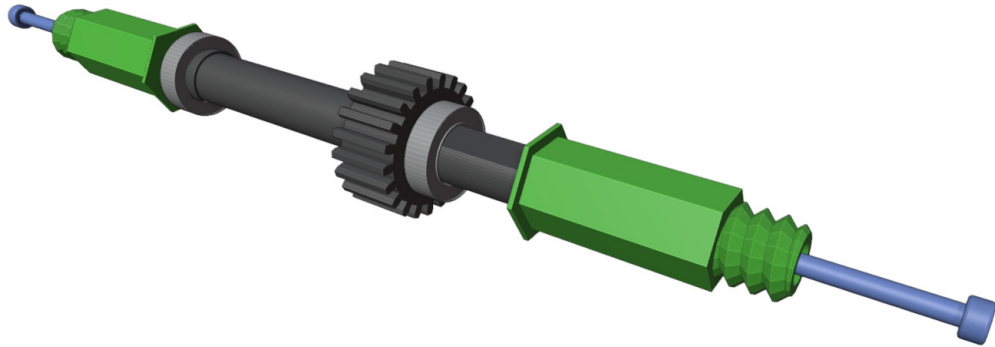
1.a. Rear axle



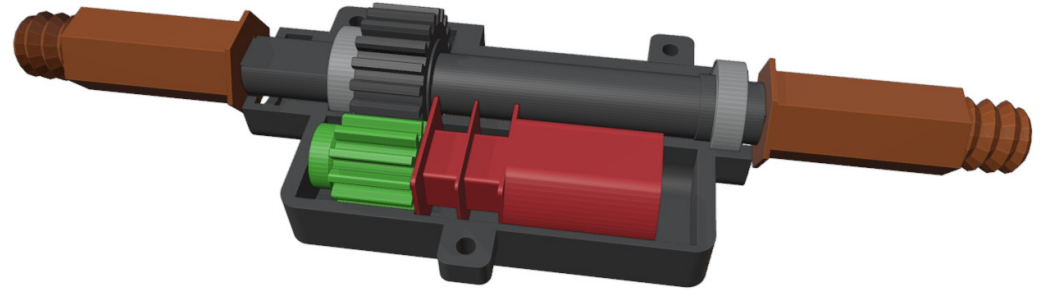
 4x 7x11x3mm bearings has to fit tightly

3

2x M2x20

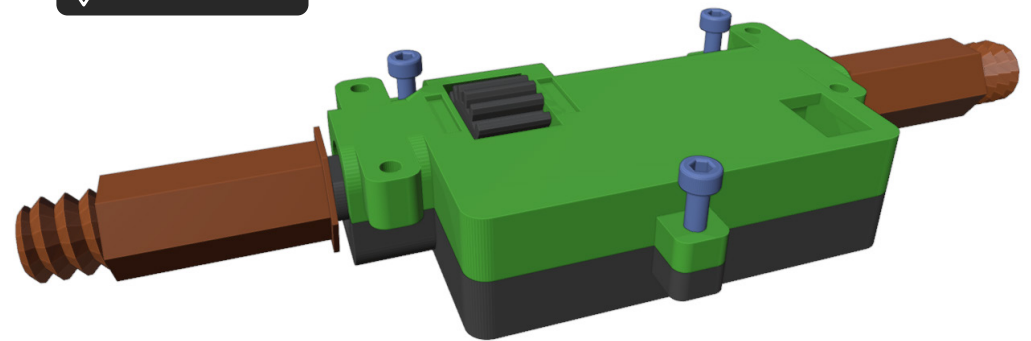


5

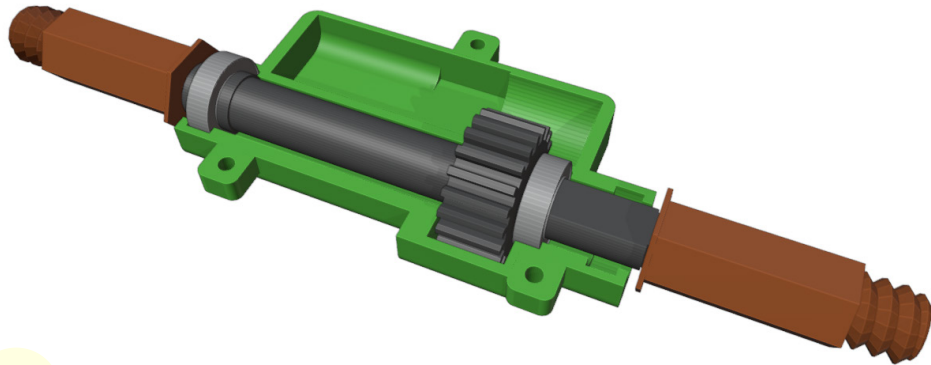


6

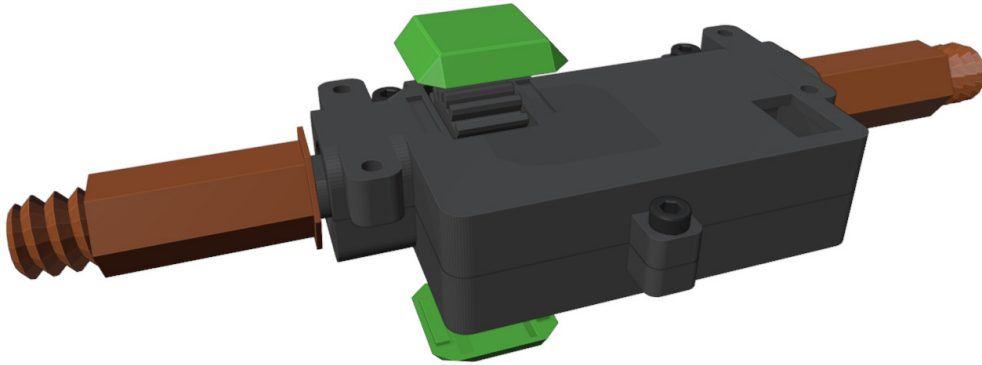
3x M2x6



4

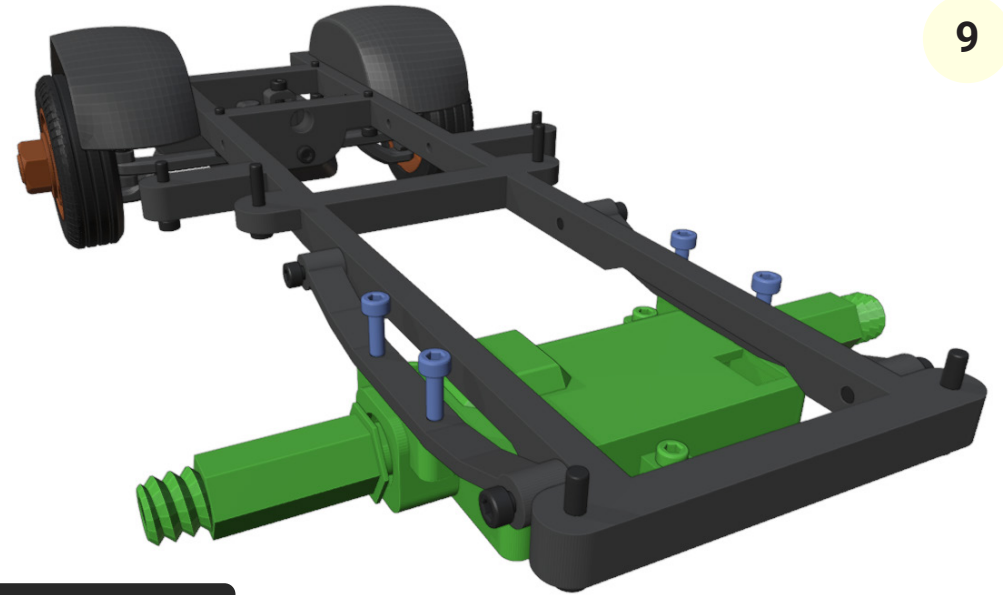


7



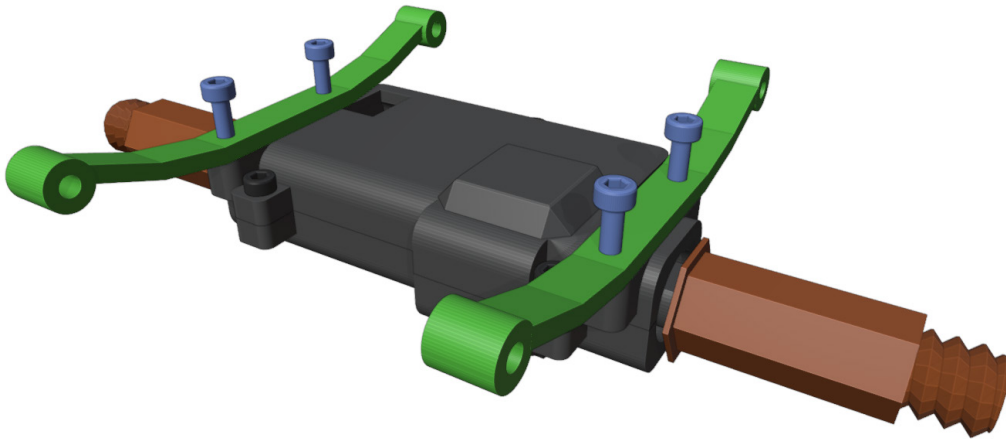
Make sure axle spins freely.

9



4x M2x6

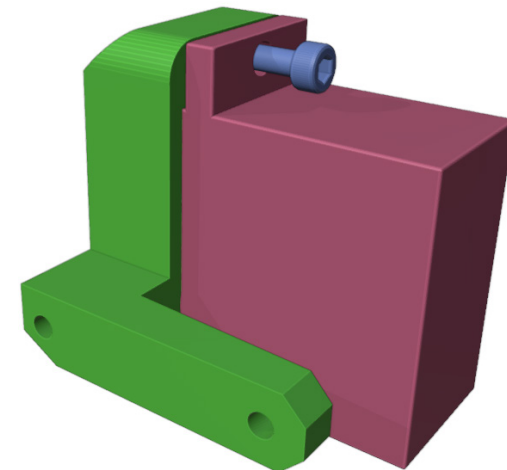
8



4x M2x6

## 1.b. Steering

10



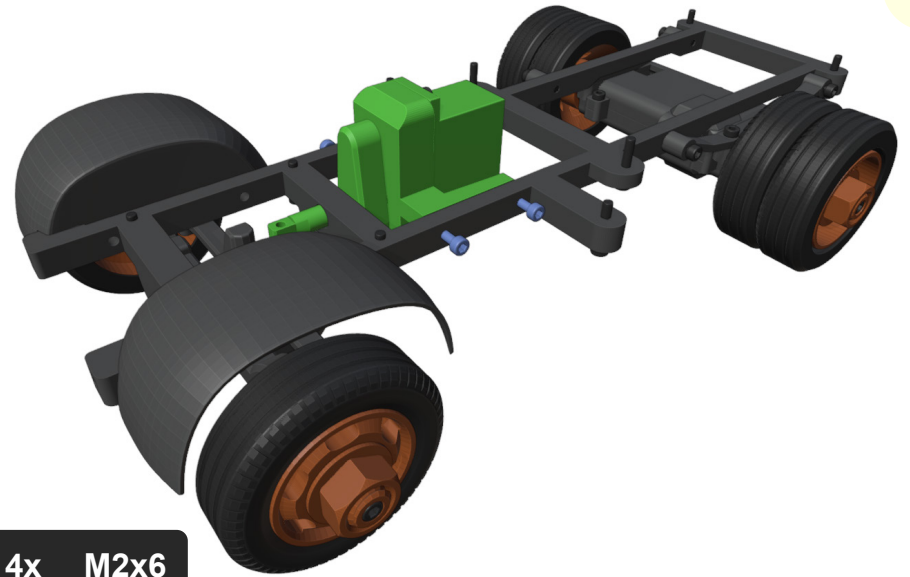
2x M2x6





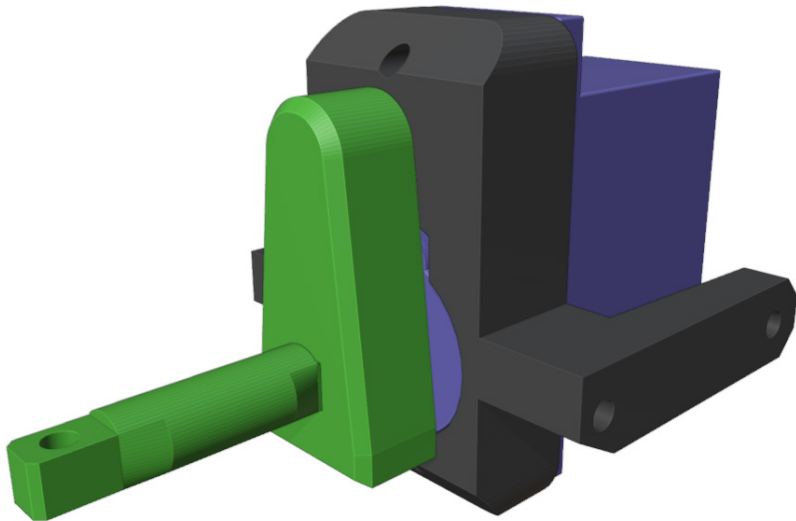
11

1x M2x6

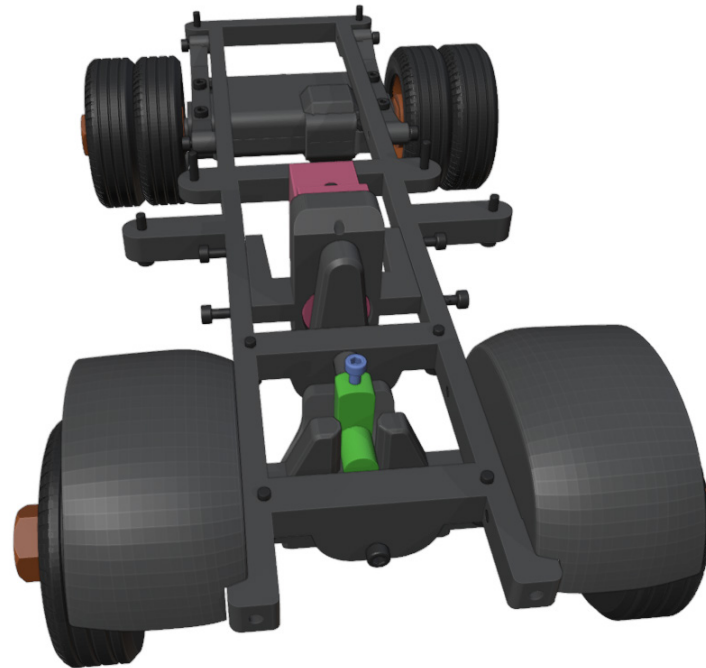


13

4x M2x6



12



17

1x M2x6

15



 2x M2x6

