



Simple RC buggy



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Summary

A simple design for a R/C car body and chassis that prints without supports.

[Hobby & Makers](#) > [RC & Robotics](#)

A simple design for a R/C car body and chassis that prints without supports (I'm serious...give it a try!). Snug fit between chassis and body with option to screw together with two self-tapping screws.


Designed to mount four N20 micro gearmotors (<https://www.pololu.com/category/60/micro-metal-gearmotors>) but openSCAD files can be modified easily for different motors/axles etc.


Includes cut-away for an on/off switch in the chassis and mounting holes for Pololu or similar mounting brackets (<https://www.pololu.com/product/1086>).

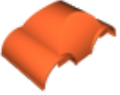
Printed in PLA on a Cocoon Create Touch (Wanhao Duplicator i3 plus clone) using a brim for the body. STL files are oriented correctly for printing without supports. I know it looks impossible to print without supports but it worked fine for me so give it a try.


Originally uploaded (by me) to Thingiverse: <https://www.thingiverse.com/thing:3809566>

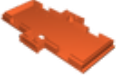
Model files

 **files** 4 files

**rc_buggy_body.scad**
☐ OpenSCAD file for modifying the body

**rc_buggy_body.stl**
☐ STL for printing the body

**rc_buggy_chassis.scad**
☐ OpenSCAD file for modifying the chassis

**rc_buggy_chassis.stl**
☐ STL for printing the chassis

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