



Tarmo5 Pickup Body Kit



Monty

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Summary

A pickup truck / rat rod body kit for the tarmo5.

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

Tags: [rat](#) [rod](#) [hotrod](#) [tarmo](#) [tarmo5mods](#) [tarmo5](#)

I built a tarmo5 and wanted it to look more car like and work on my CAD skills which are slowly improving. Still a work in progress but what is here is very usable.

A big thank you to EngineeringNonsense @EngineeringNo_496832 for the original design.

Tarmo5 printables page:-

<https://www.printables.com/model/348623-3d-printed-rc-car-tarmo5>

Tarmo5 main page:-

<https://www.reddit.com/r/EngineeringNS/comments/zvellk/tarmo5/>

The main body and the engine are both push fit. The engine slots into the hole where the servo lives. The main body sits behind this and slips over the middle of the car and rear suspension mount.

The main body consists of two parts The cab and the pickup bed which are held together with 4 x 3m socket head bolts 16mm although I'm not 100% sure on the length.

The rear bumper is held on with 2 x m2 socket head bolt again 16mm I think. The bumper has two lights a the rear designed to hold 4 x 5mm LED's either side, the size that came with the HobbyWing receiver I have. The light covers just push into place. I printed the bumper and the light covers in TPU for a little impact protection. If printed in something more solid the light covers should push into place but I haven't tested this.

The engine block is printed in four parts. Two cam covers, the intake and the block itself. The intake is held on with 2 M3 Socket head bolts, 10mm again not 100% on the length. The cam covers are held on with 8 M2 Socket head bolts 10ish mm in length.

The front lights are designed to hold 3 x 5mm LEDs and screw into the front bumper with 2 x M2 screw/bolts each side. The reflector I printed in silver PLA and is just a push fit into the surround.

I didn't get a pic of the headlights lights working before I went down a different route, the ones in the pictures are cheap headlights off of AliExpress that are just tucked in behind the radiator for now.

The front grill is mounted on the bumper with 2 short M3 socket head bolts at it's base. 2 x M3 bolts hold in place at the top and the support bolts to the top suspension mount again with M3 bolts. The centre of the grill just pushes in. I printed the all of the outer grill in TPU for impact protection.

The middle of the grill I printed without top or bottom layer and an aligned rectilinear infill which gives the 'Radiator Grill' effect.

Any question please ask. If you print any of this please post a picture I'd love to see it.

If you like my work and would like to make a small donation towards my efforts please click [here](#)

<https://www.buymeacoffee.com/MontyMakes>

<https://www.youtube.com/@MontyPrints>

This remix is based on



3D Printed RC car Tarmo5

by Engineering Nonsense

Model files



rearbumper.3mf



headlightsurroundwithindicatorandbluesl.stl



grillsurround.stl



cab.3mf



grillinsertmonty.stl



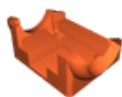
grillmount.stl



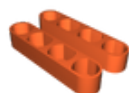
rearbumper.stl



rearlights.stl



bed.3mf



rearlights.3mf



headlightreflector.stl



headlightsurroundwithindicatorandbluesr.stl



cab.stl



bumperwithmountholes.stl



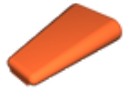
bed.stl



engineblock.stl



engineblockwithcableguides.stl



intake.stl



camcover.stl

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