



## Yellow ZIL SAM Transport Truck



Black Jack

[VIEW IN BROWSER](#)

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### Summary

This is an old school type of fire engine based on the Yellow Zil Truck Chassis model that I have released earlier. In...

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Tags: [war](#) [truck](#) [automotive](#) [army](#) [thingiverse](#) [legacy](#)  
[sam](#) [missile](#) [zil](#) [military](#)

This is an old school type of fire engine based on the [Yellow Zil Truck Chassis](#) model that I have released earlier. In that release itself I have explained how it is the universal platform on which various payloads can be added for specific function. This release contains the SAM transport payload of the same.

**If you have already downloaded and printed [Yellow Zil Truck Chassis](#) model, You would only need "[Yellow\\_Zil\\_SAM\\_Truck\\_Payload.3mf](#)" file and Please skip to the title ASSEMBLY OF PAYLOAD.**



## There are three ways to print this.

1. **As single piece**:- Please download STL file but there wont be any movements.
2. **Multiple Pieces** :- Download 3mf file with Full\_dismantled.3mf.**BEST QUALITY OUTPUT**. Please use the 3mf file for assembly also. CHECK EASE OF PRINTING TITLE BELOW
3. **Combined**:- You may use any 3D viewer software like 3D builder in windows to merge components according to your printer and filaments. The sky is the limit for this. You may find a sample file ending with combined.3mf.

## EASE OF PRINTING

This model contains parts of 5 colours - GREY, RED, YELLOW, BLACK & WHITE. I have seperated these into different plates according to colour and in the optimum print position. Please download the folder "Print Plates According to Colour" to make use of them. These plates can be opened in any slicer and printed according to your print profiles.

## ASSEMBLY OF CHASSIS



## ASSEMBLY OF PAYLOAD

Follow the GIF for assembly of payload.



## MATING WITH CHASSIS

Follow the GIF for mating of payload with truck chassis. You can reuse the nut and bolt securing the Bed in the [Yellow Zil Truck Chassis](#) model to secure the payload.



## Movements Included

### 1. Front Wheel Steering 2. Engine Bay Cover Swing Open

**NOTE** The tolerances to some elements are zero which has been intentionally provided to friction lock the elements while not in movements. You may have to fine tune the tolerance from your end using scaling function in slicer to ensure good fit without compromising movements. This also applies for the pins that make rotation possible between elements. Please proceed with printing all the pins after testing printing a pin and testing the fit of a joint. You should be able to find the adequate scaling factor with this.

The main body is made hollow to ensure filament savings.

Supports should be provided as required.

Appreciate the makes uploads. Open for suggestions.



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# Model files



Print Plates According to Colour

10 files



**yellow-zil-sam-transport-truck-full-dismantled.3mf**



**yellow-zil-sam-truck-payload.3mf**



**yellow-zil-sam-transport-truck.stl**

**plate1-yellow.3mf**

**plate2-black.3mf**

**plate3-black.3mf**

**plate4-grey.3mf**

**plate5-grey.3mf**

**plate6-red.3mf**

**plate7-white.3mf**



**yellow-zil-sam-transport-truck-full-dismantled.3mf**



yellow\_zil\_sam\_truck\_payload.3mf



yellow\_zil\_sam\_transport\_truck.stl

## Other files

download-assets-sm-1\_659844.svg

download-assets-sm-1\_659844.svg

[Find source .stl files on Thingiverse.com](#)

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