

AMPS Atlanta 2023 Club Project

Sections 1-3 which cover the running gear and road wheels are pretty much as presented in the instructions. There are several areas which need attention to make sure the parts fit right or work properly

Section 2 deals with Torsion Bars and Road Wheel Arms. You may have to enlarge some of the Torsion Bar hole on the chassis (Figure 1). A small drop of glue on the end of the Torsion Bar will ensure they stay in place (Figure 2).

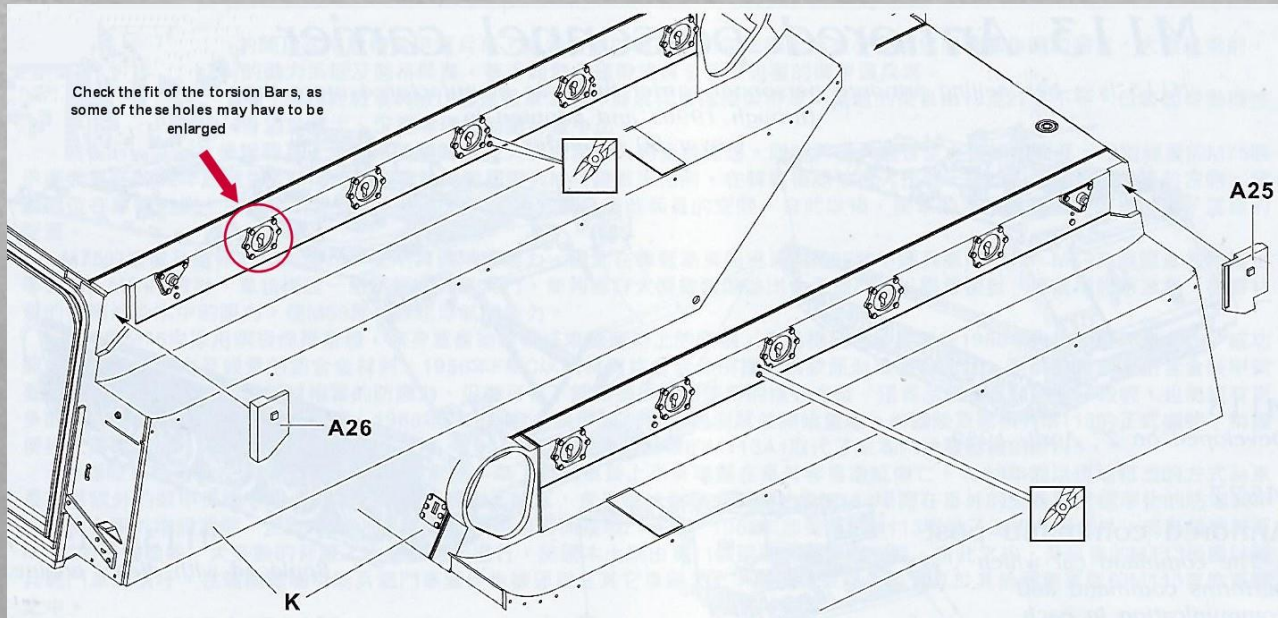


Figure 1

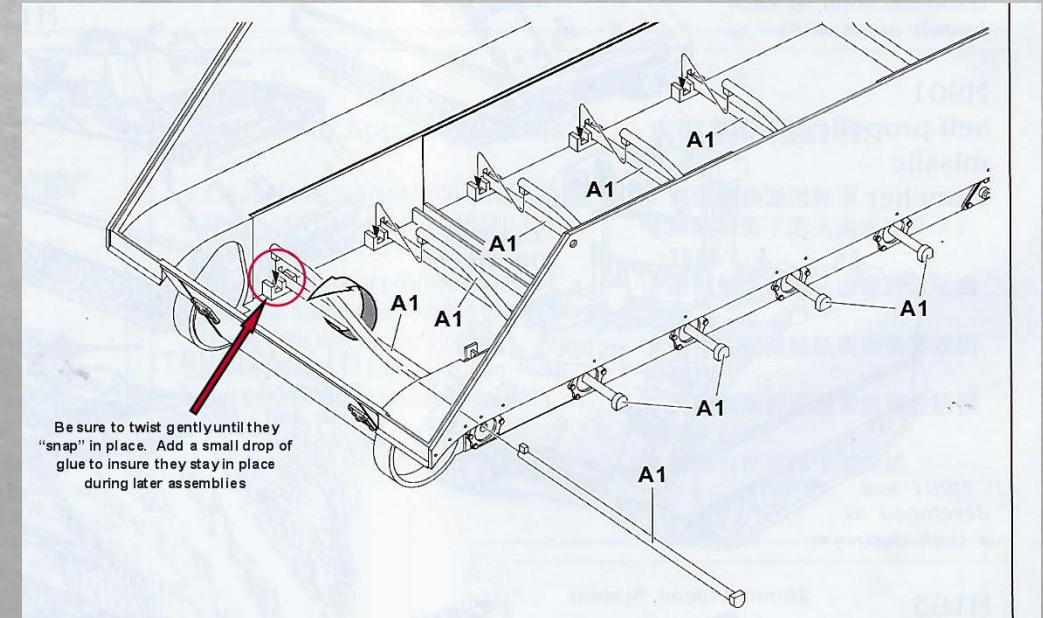


Figure 2

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The second part of Section 2 deals with adding the Road Wheel Arms to the body. The Tensioning Wheel arm (A17) must be glued in the “Upright Position” to hold the Tensioning Roller in the proper position See Figures 1 and 2.

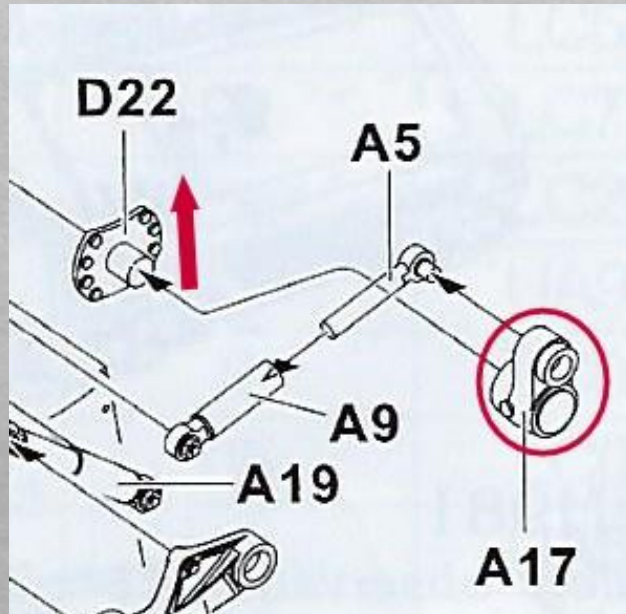


Figure 1



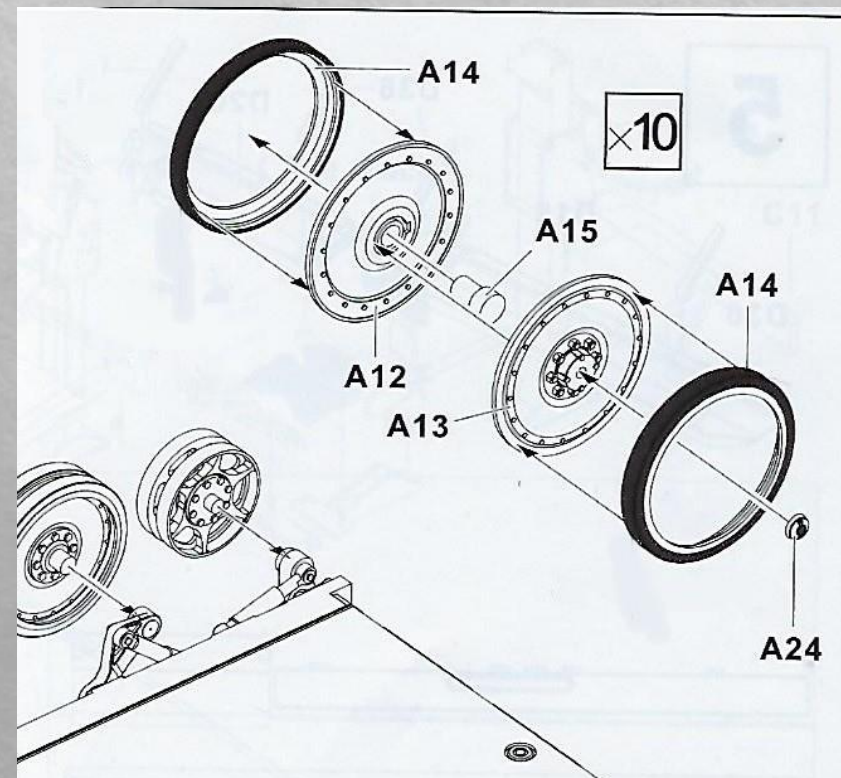
Figure 2

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Section 3 deals with the assembly of Road Wheels, Drive Sprockets and Tensioning Wheels

When assembling the Road Wheels, if you do it in the following order it will go fast.

1. Glue parts A12 and A14 together
2. Glue parts A13 and A14 together
3. Put A15 into part A12 (**Do Not Glue**)
4. Glue A12 to A13
5. Glue A24 to A13



This should be done for all 10 Road Wheels

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Drivers Compartment

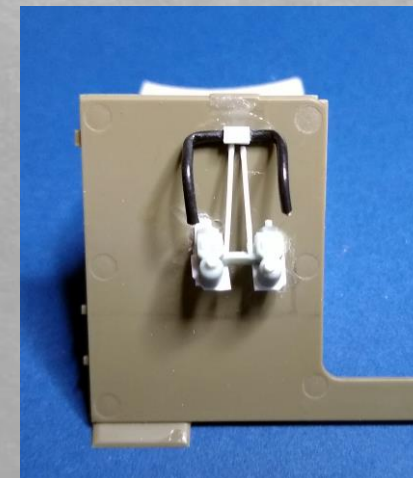
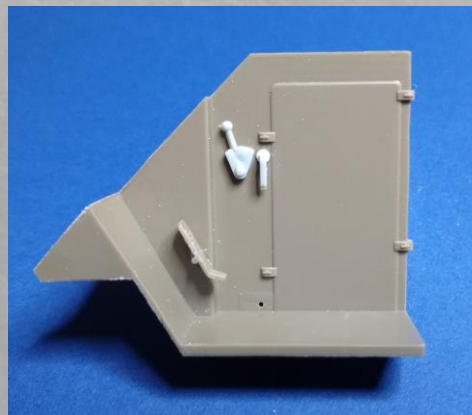
There are glaring omissions in the kits Driver's Compartment

1. The Gear Shift Lever is missing
2. The Ramp Control Lever is missing
3. The Water Capability Control Levers and the Pneumatic Cylinders are missing.



My Corrections

Parts made from sheet styrene, rod and fine wire



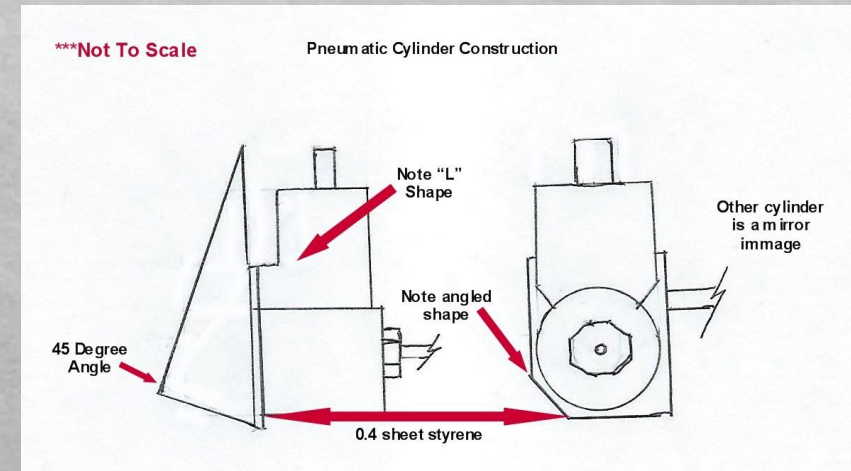
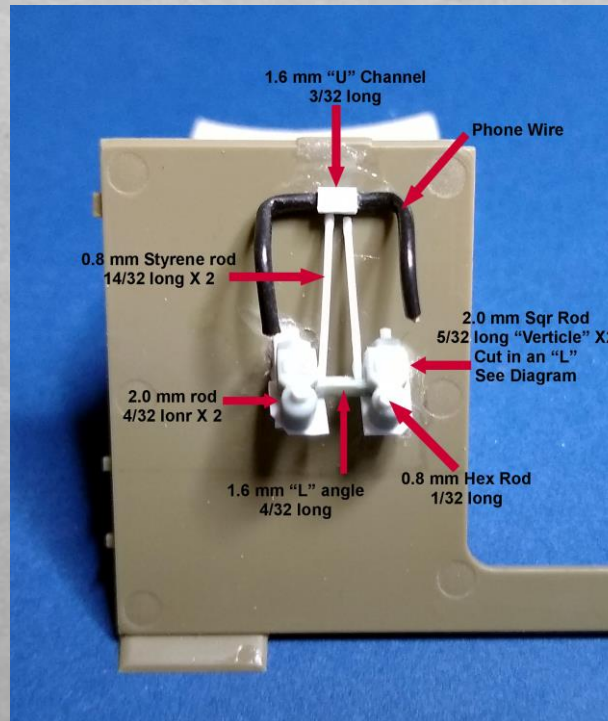
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Additional Pictures and Measurements for Drivers Compartment

Pictures of the Water Capability Control Levers



Measurements



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In Part 2, I will be covering the rest of the interior
(Crew and Drivers Compartments).

The model as presented by AFV Club has several inconsistencies as it relates to an M113 that was “Factory Converted” to an A1 version and a “Factory New” M113A1.

I will be converting my model to the “Factory Converted” version because the exterior configuration shows that version.

I will cover more about this in Part 2.

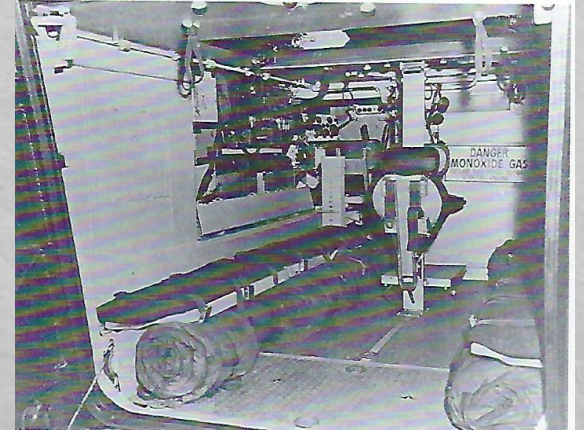
You can however build the model as is out of the box and most people would not know the difference.

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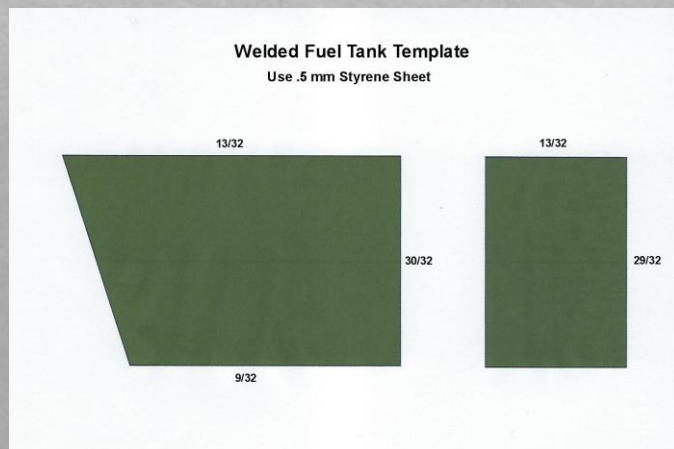
One of the inaccuracies is the type of Fuel Tank provided with the kit.

Based on the Fuel Filler detail, this kit should be a Factory Refurbished M113A1.

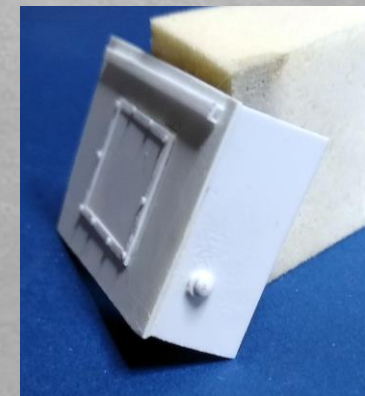
It would have the older Welded Fuel Tank



A replacement Welded Tank can be scratch built using sheet styrene and the provided dimensions:



My replacement Welded Tank



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One last picture to show the amphibious ability of the M113A1

