

AMPS Atlanta Club Project 2016

Part 1

Afrika Corp Tiger I “Initial”

Afrika Corp Tiger's

- After last session there was a lot of interest on this subject, especially about Tiger 131 the only running Tiger I in existence. Therefore, I thought I would change the Club Project name to the Afrika Corp Tiger's and also begin to build the Tiger 131 using Tamiya's Early Tiger I Kit No. 35216. I will also build the Tamiya Initial Tiger I and Rye Field's Tiger I Initial as well.

RYE Field Models Tiger I Initial Kit No. 5001 around MSRP \$54



- Very accurate but has some corrections that need to be made. Use TMD's upgrade set to make corrections.
- Has a nice set of Modelkasten style track links
- Model can be built mainly out of the box.

Dragon Tiger I Initial Kit No. 6608 around MSRP \$85 - \$95



- Probably the best kit available. No need for aftermarket sets
- You can upgrade the kit supplied tracks for a more accurate model.

Dragon Tiger 131 Kit No. 6820 around MSRP \$74



- Currently the only Tiger I in operation at Bovington Tank Museum
- RZM has produced a video on the Tiger I in Bovington
- Plenty of reference online about this tank

Tamiya Tiger I Early Kit no. 35216



- Can be modelled to represent the Tiger I “131” in Bovington
- Consider upgrading the kit supplied tracks for a set of metal from Fruilmodel set no. ATL-25

Track sets available

- Fruilmodel Metal set ATL-25 for Early production Tigers – Tiger 131
- Fruilmodel Metal ATL-116 for Tunisian Initial Tigers mirrored track links. They have both right and left side.
- Modelkasten Plastic SK-002 for initial Tigers – Tunisian Tigers
- Modelkasten Plastic SK-005 for Early Tigers – Tiger 131
- Rye Field Models Plastic Tiger I Initial set for Tunisian Tigers.

Gun Barrels available

- Aber 35-L026 New
Generation Gun Barrel
for Early Tanks
- Lion Roar
- Voyager

Aftermarket Upgrading Sets Available

Voyager Set JO 35068 designed for the Tamiya Tiger I Initial



Aber Sets

- Aber Set No. 35177 designed for the Dragon Tiger I Initial
- Aber Set No. 35A125 Fender set for Rye Field Models Tiger I
- ET Model 35-008 for Dragon Tiger I Initial

Modeling Tip:

Use an IPAD or similar to help organize and view your project.
Small and light weight perfect for the modeling bench.



Make a reference books using a small photo album. Cost is \$1 at a Dollar General Store. Download and print your photos form the internet



Or use both.

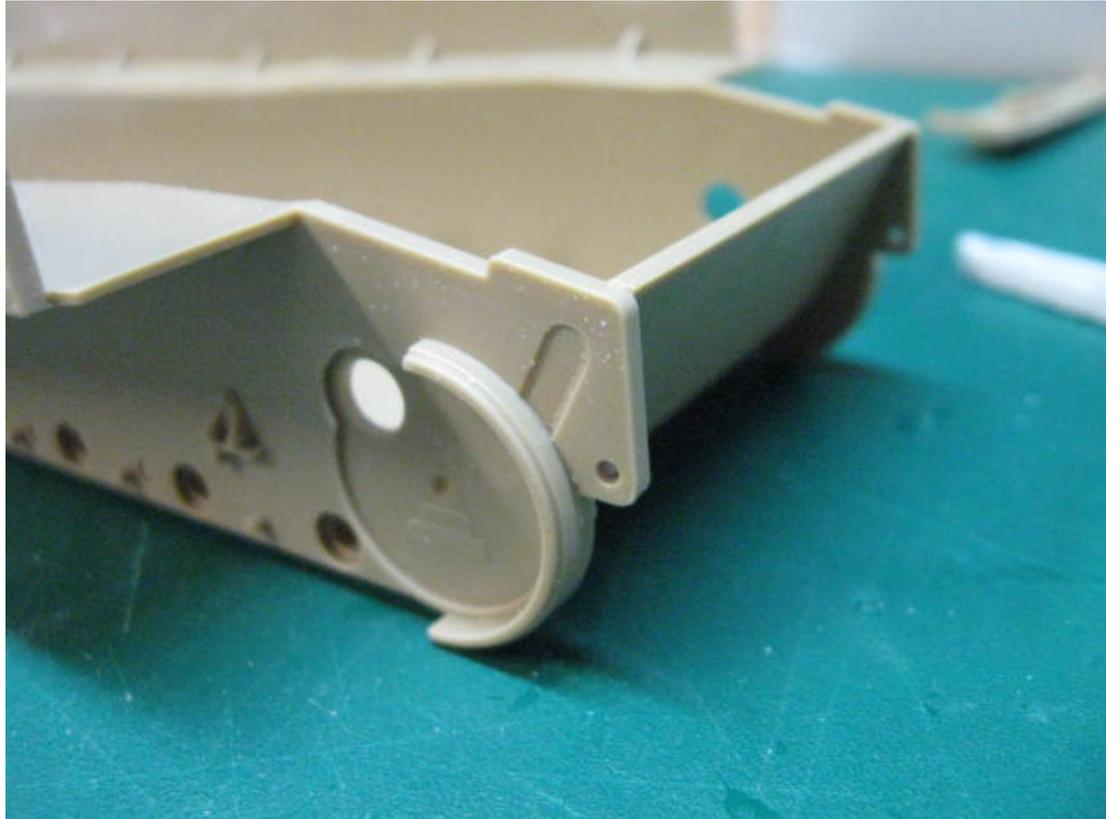


Part 2

The 2nd Part of the club project deals with:

1. Correcting the front hull extensions
2. Filling in the tool locator holes with styrene rod and some putty on the Tamiya Kit. (If you want to use the kit supplied tools skip this step) Tip: Consider taking tools from a Dragon kit that has the molded on tool clamps.
3. Correcting the rear hull extension.
4. Gluing rear plate to main hull tub.
5. Painting the interior Black.
6. Glue the Front Bow plate, Fender plate, together with the upper plate and main hull tub. (Don't forget to add the interior components behind the front bow plate)
7. Adding the weld seams.

Step 1:
**Correcting the front hull extensions on the
Tamiya Kit.**



**No need to fix this on the Rye Field Model or Dragon
kits. The hull tub is the same on Tamiya Kit 35216 and
there is no need to correct this if you are modelling
Tiger 131**

Afrika Initial Tiger I's had a unique front extension.

- **Correct on the Rye Field Model and Dragon kits, but needs to be fixed on the Tamiya Kit. Tiger 131 has a totally different extension.**



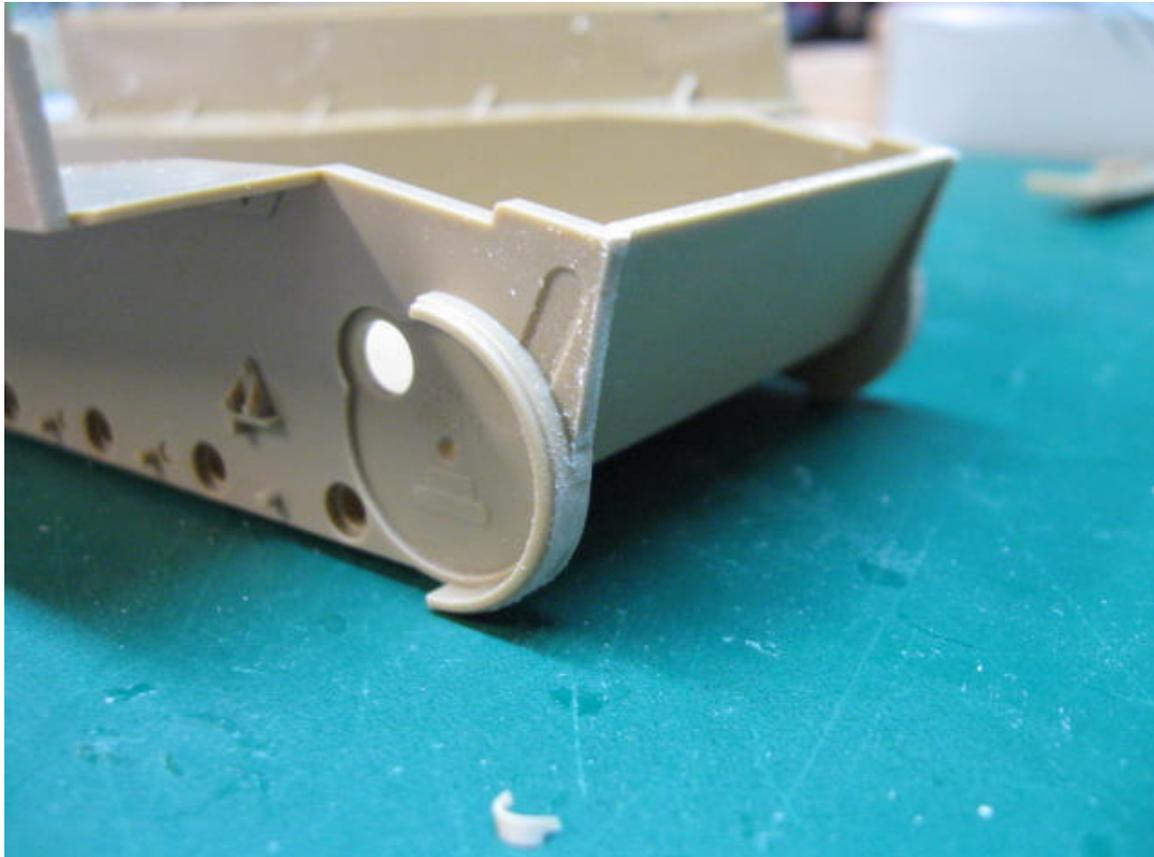




Tiger 131 in Bovington







Simply trim off the front extension and sand flat with the front hull.

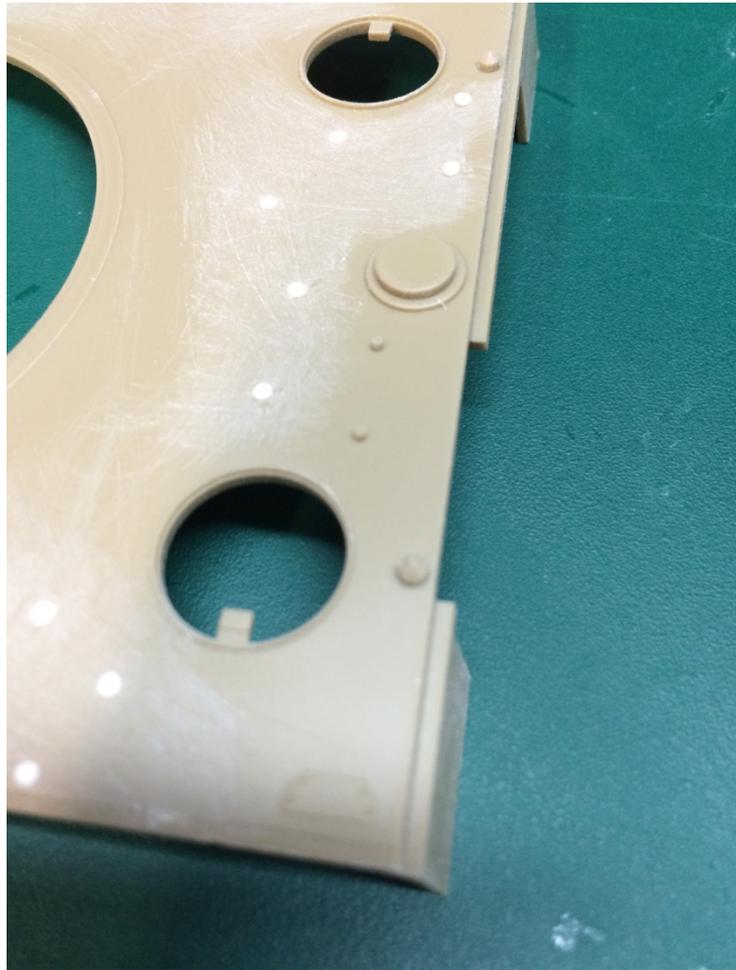


**Corrected the front extensions for the Tow hook
Used styrene sheet cut to size and sanded
smooth.**

Step 2: Filling tool locator holes on the Tamiya Kit with Styrene Rod.



I used Evergreen .60 round styrene rod trimmed to fit. Let dry overnight then trim and sand flat. Use putty as needed.

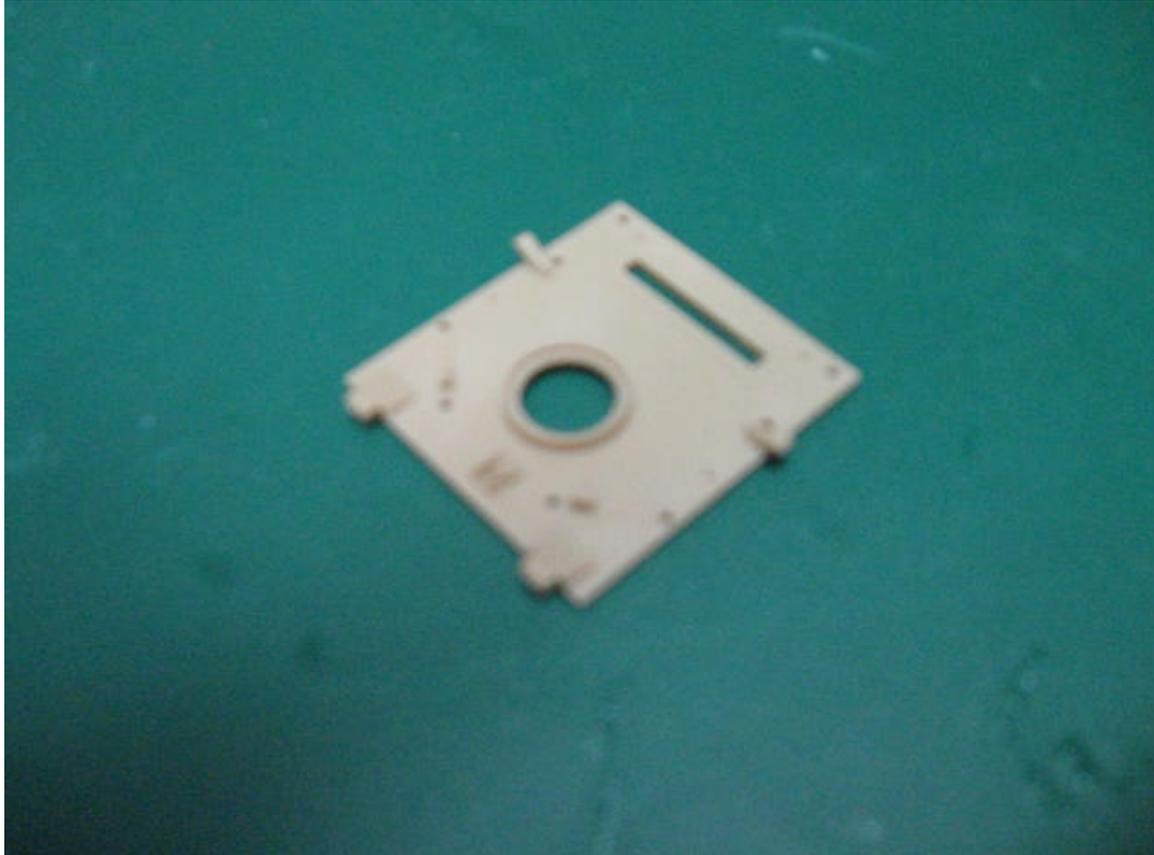


Then sand smooth the styrene rod

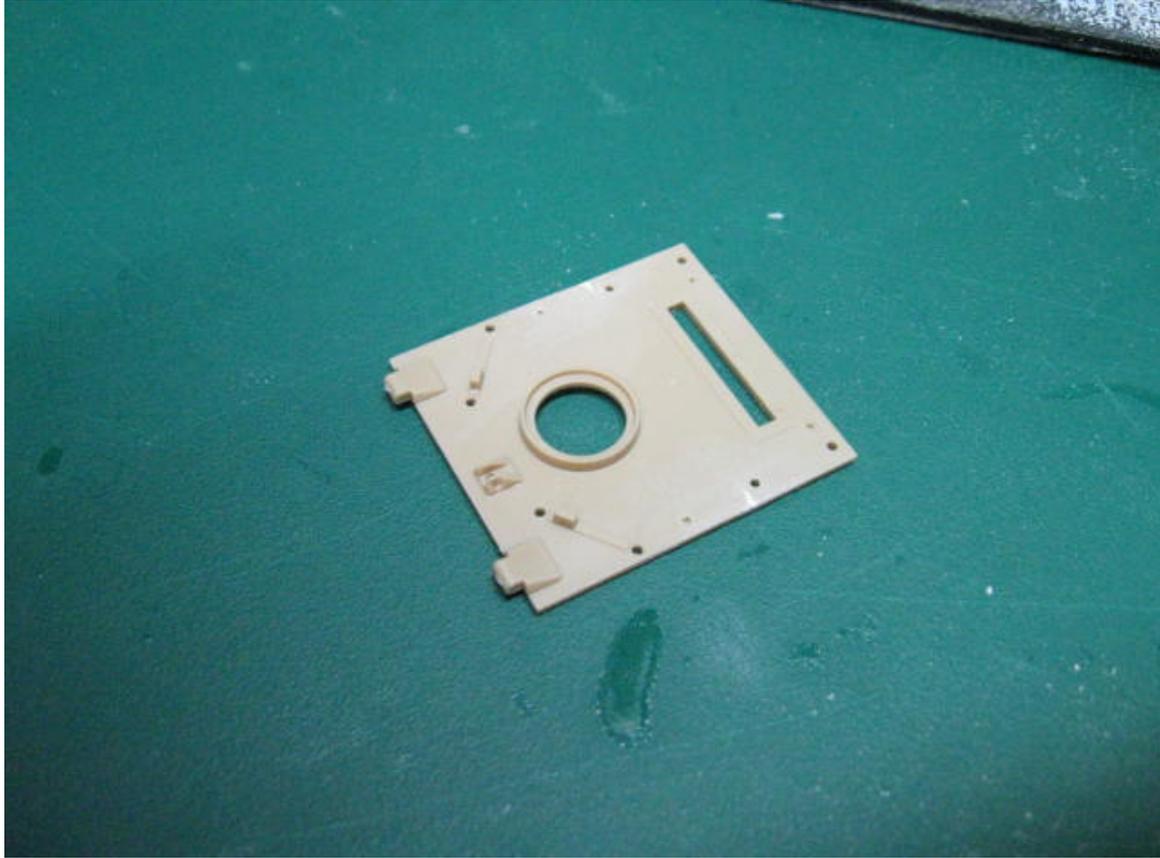
Clean up front plate around MG mantlet.



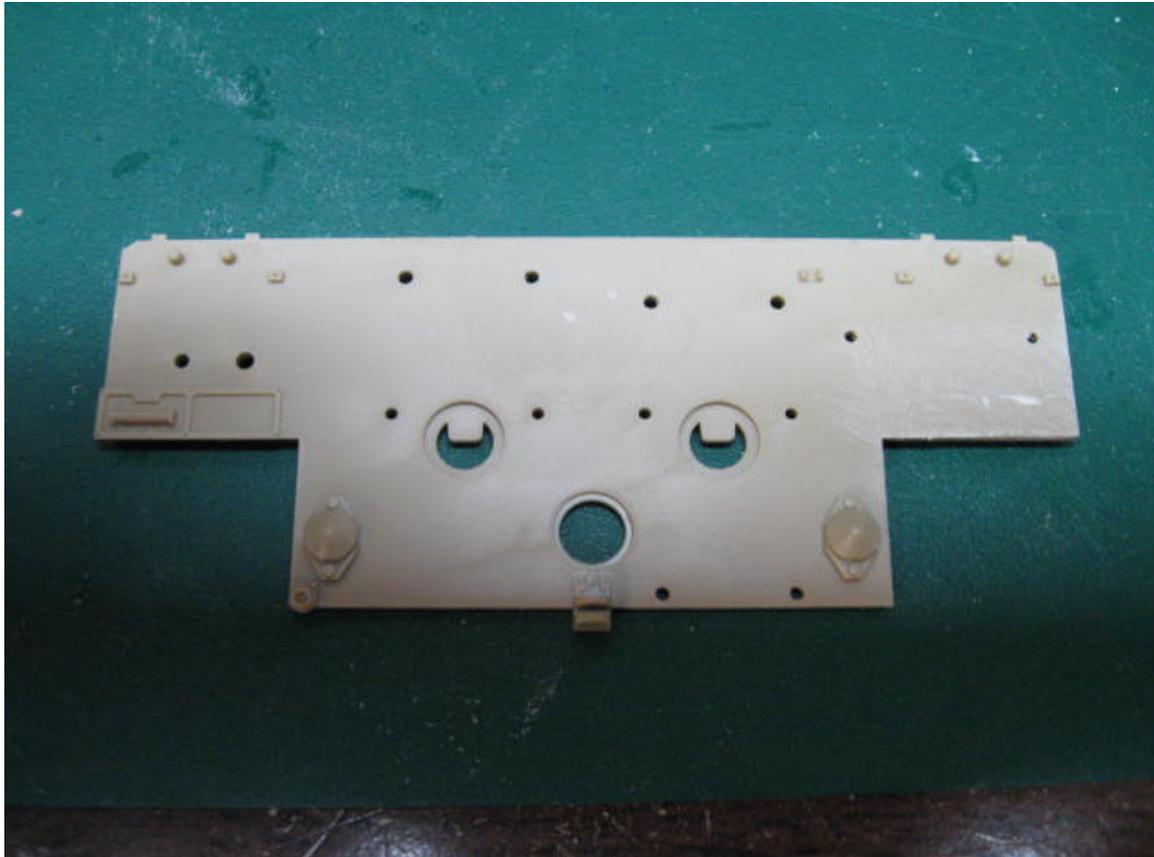
**I also cleaned up the molded on clips for the protective
MG cover to make way for the PE Clips**



There are 2 angle type latches on the engine cover that need to be removed. They were not present on the Tunisian Tigers.



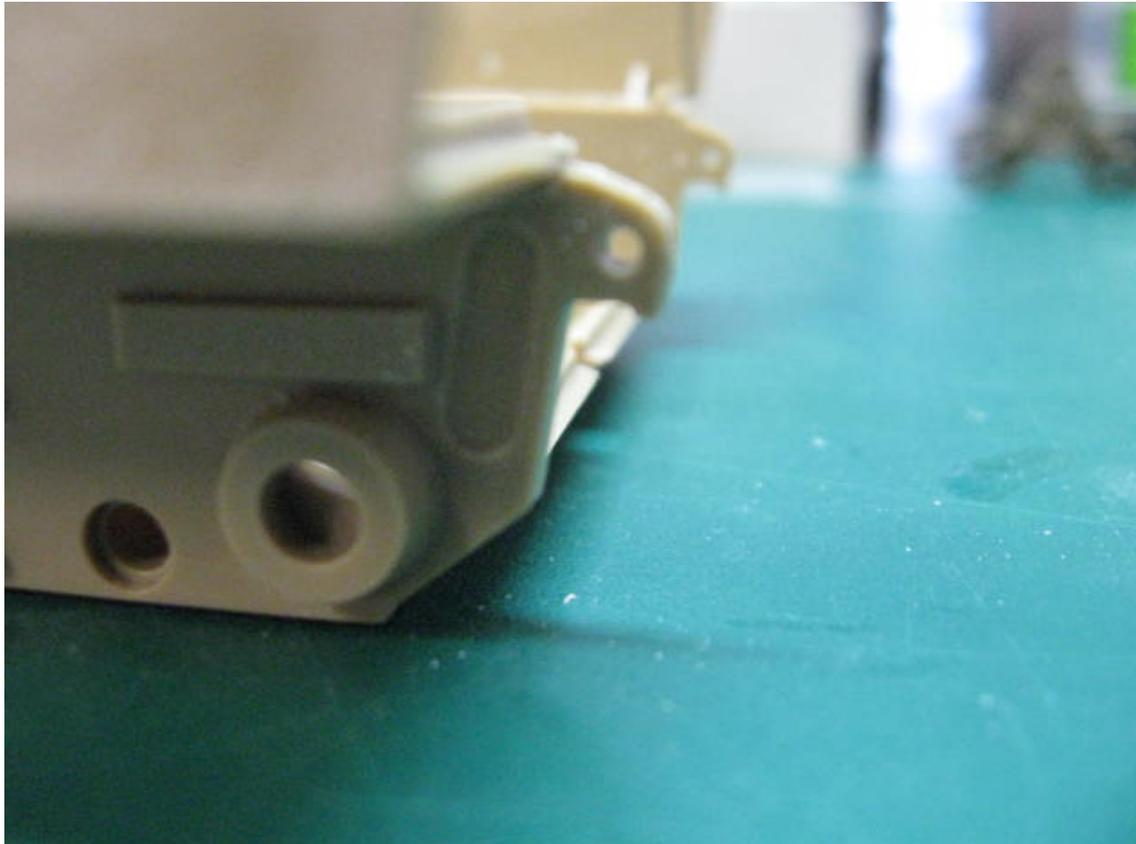
Fixed engine cover



**Clean up the molded on rear plate fender frames
and light.**

**This is optional if you do not want you to add the PE sets I
intend to add. The kit fenders are still very accedptable and
look good when painted**

Step 3: Correcting the rear extension



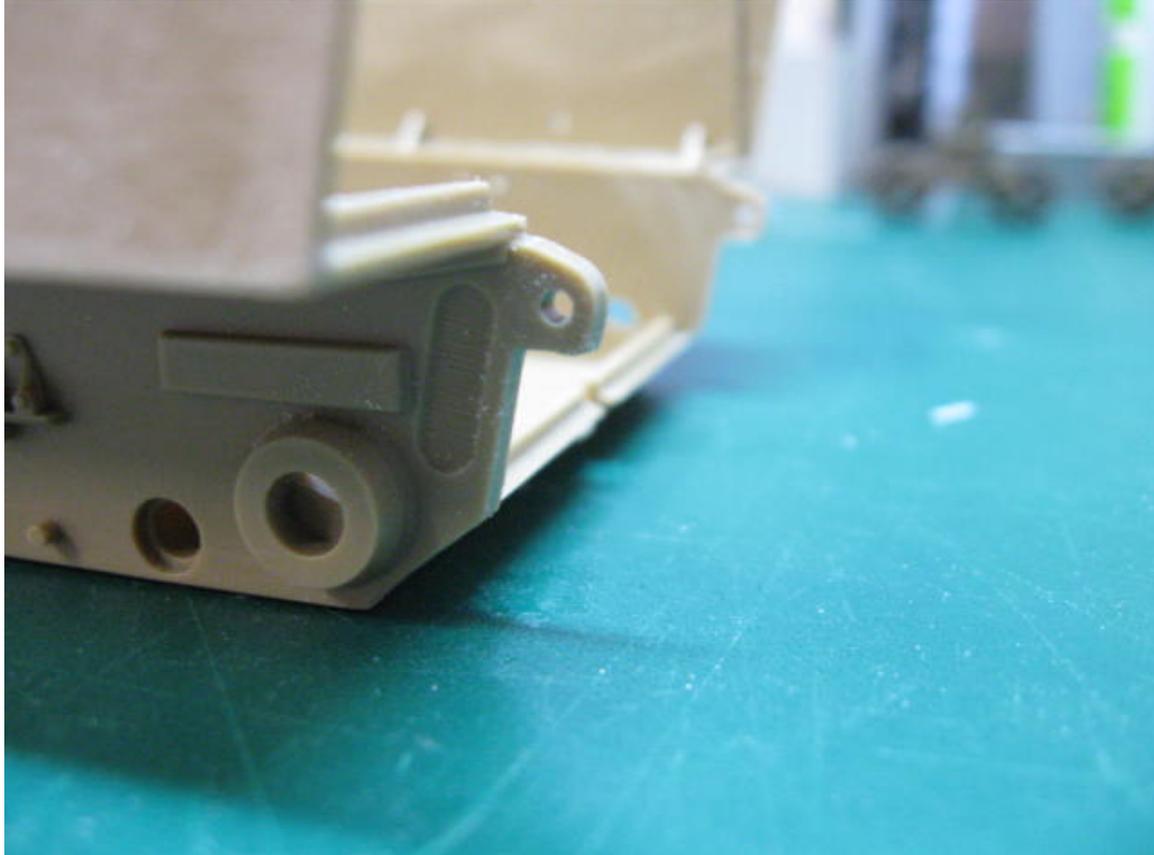
**Notice the lip on the rear extension for the Tow
Brackets.**

**No need to fix this on the Dragon or Rye Field Model kit
only on the Tamiya Kits.**



Close up of the rear tow hook extension on the Tunisian Tigers.





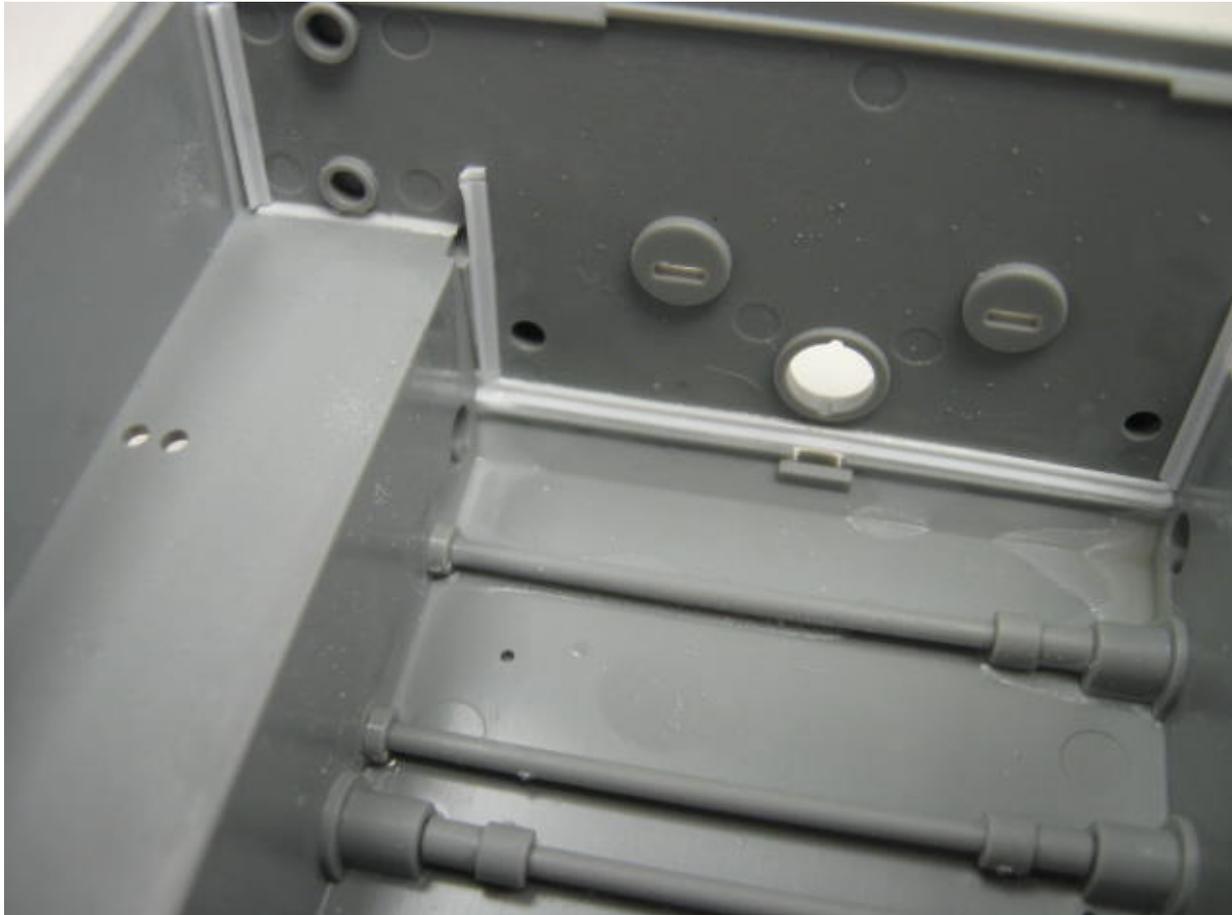
Corrected Rear Extension on Tamiya Kit

Simply sand the lip down or trim away with cutters



Rear Extensions need to be corrected if using the Tamiya kit to model Tiger 131. Rear Extensions are correct on the Dragon kit and Rye Field Model Kits.

Step 4:
Adding the rear plate to the hull tub.



Modelling Tip:

Use L Shaped styrene to help strengthen the bond between the rear panel and main superstructure.

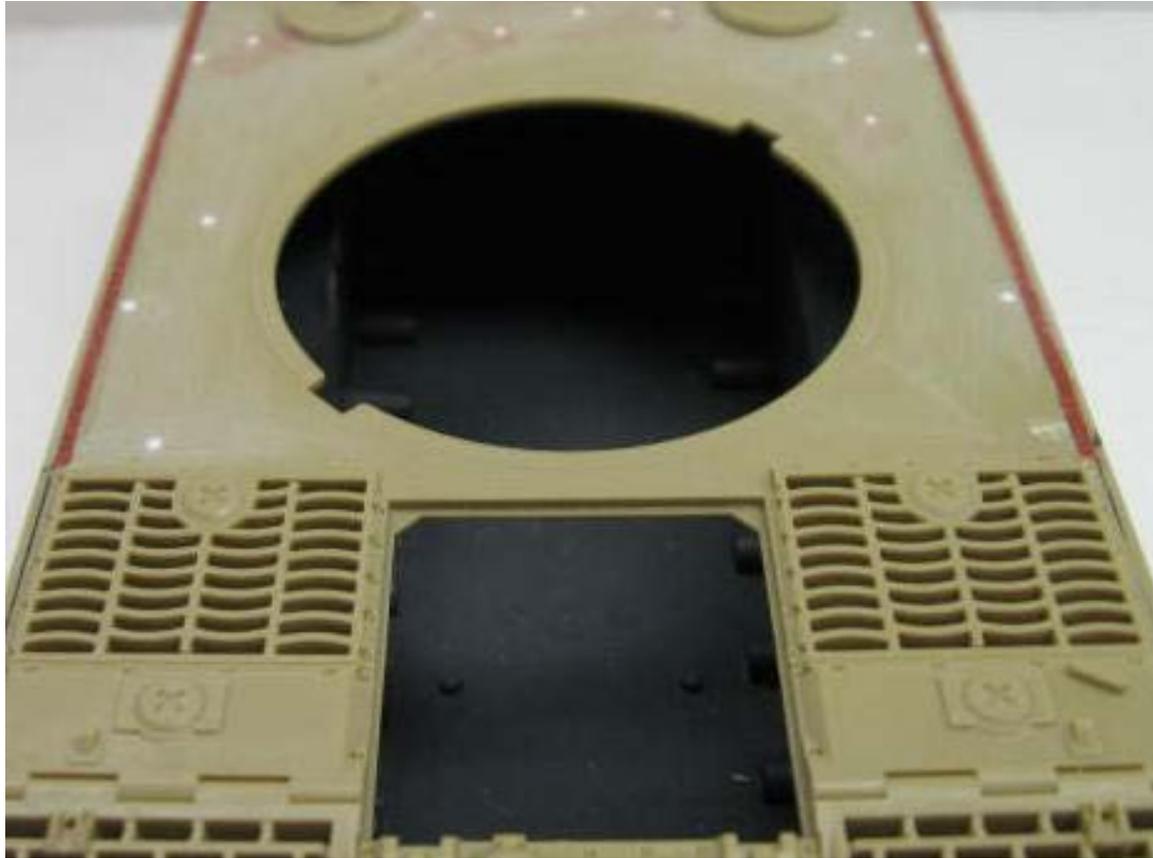


**Step 5:
Painting the interior black.**

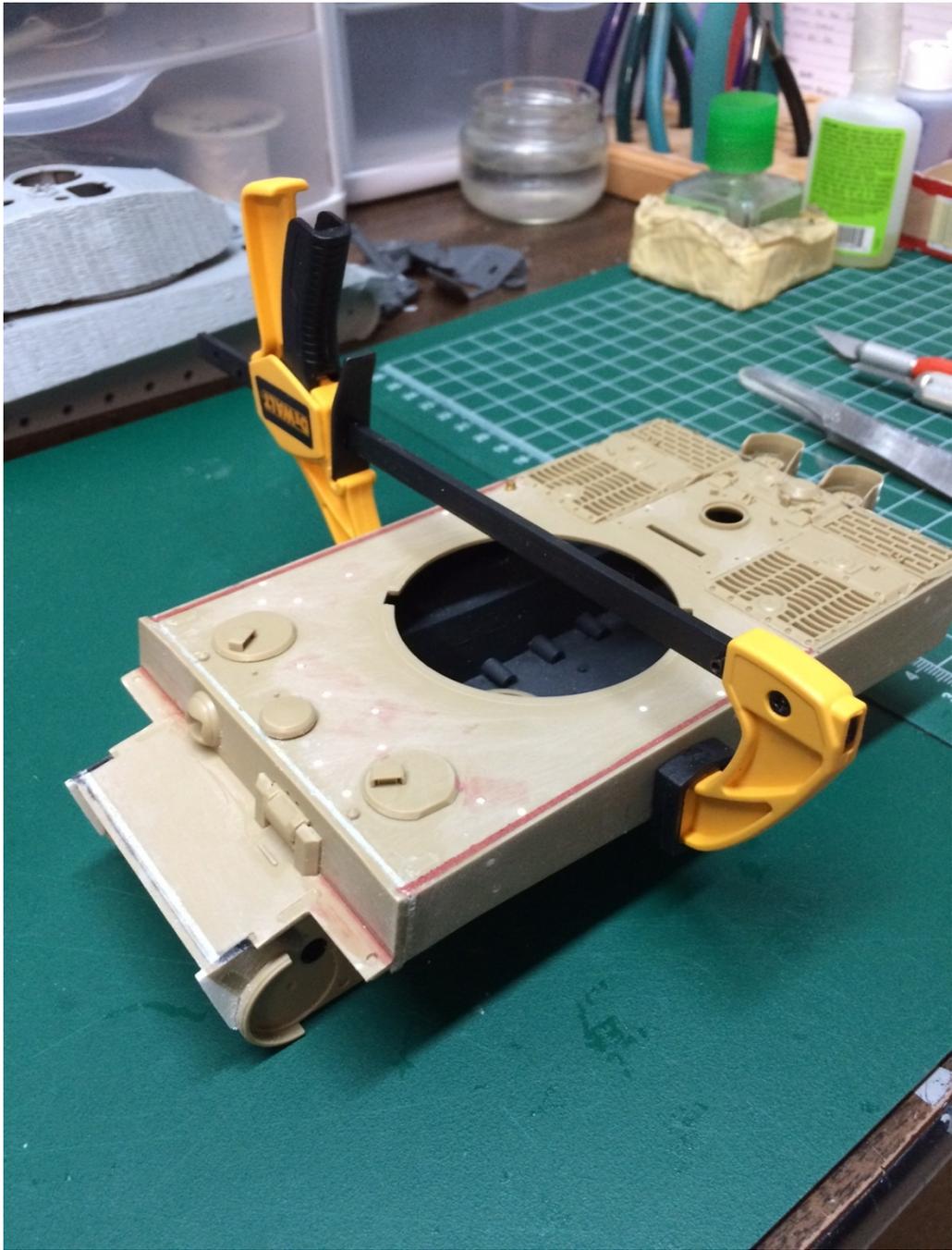


Painted interior black to hide the light colored plastic from showing through some of the engine grill vents which have rather large openings. Recommended before adding the top of the main hull.

**Part 6:
Glue the main hull tub and top together.**



**Some kits might have some warpage so
clamps are recommended.**

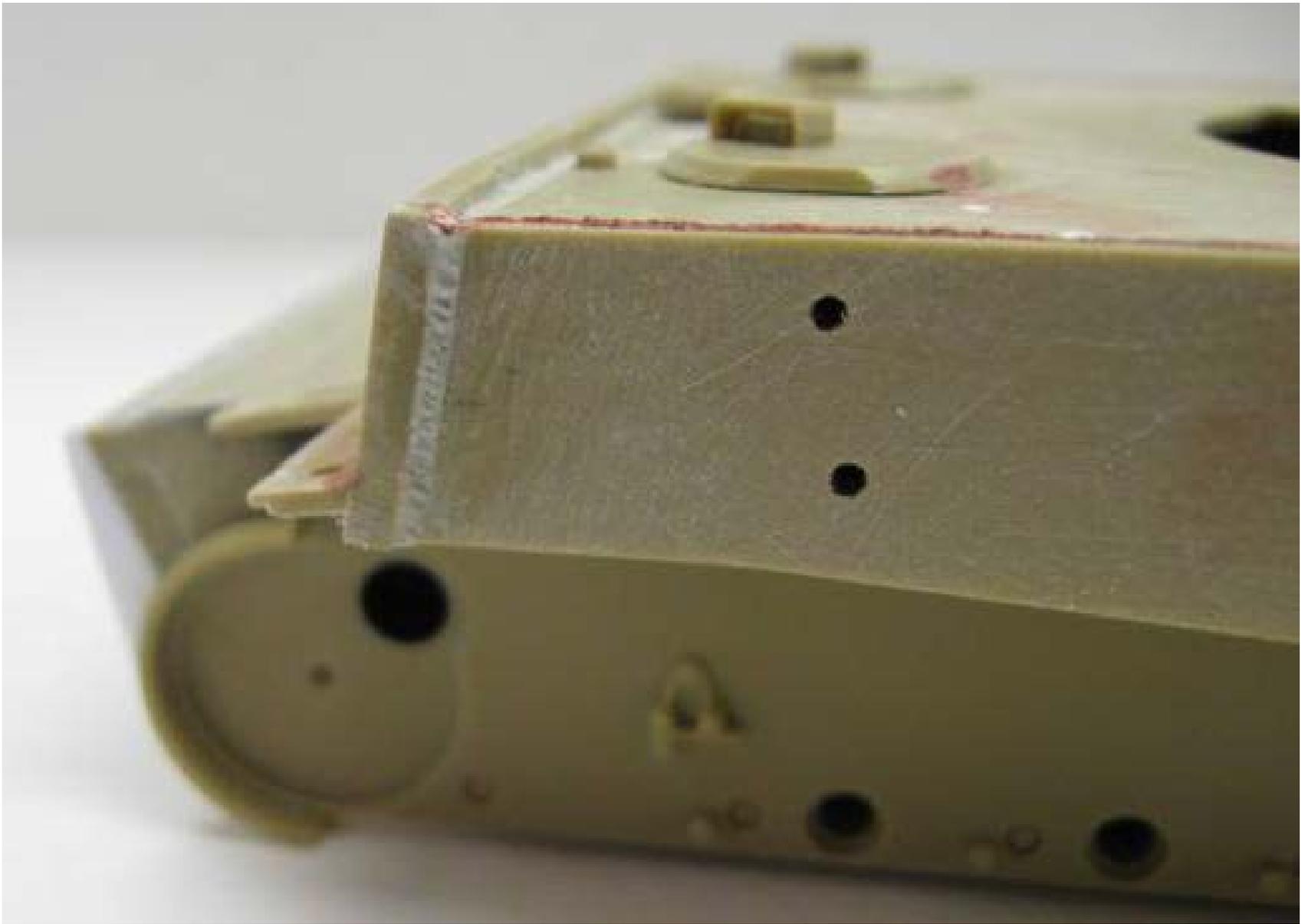


Step 7:

Adding weld seams using Aves Epoxy Sculpt(White)and 3M Bondo Putty (Red)



Added weld seams to front superstructure where the bow plate and front come together.

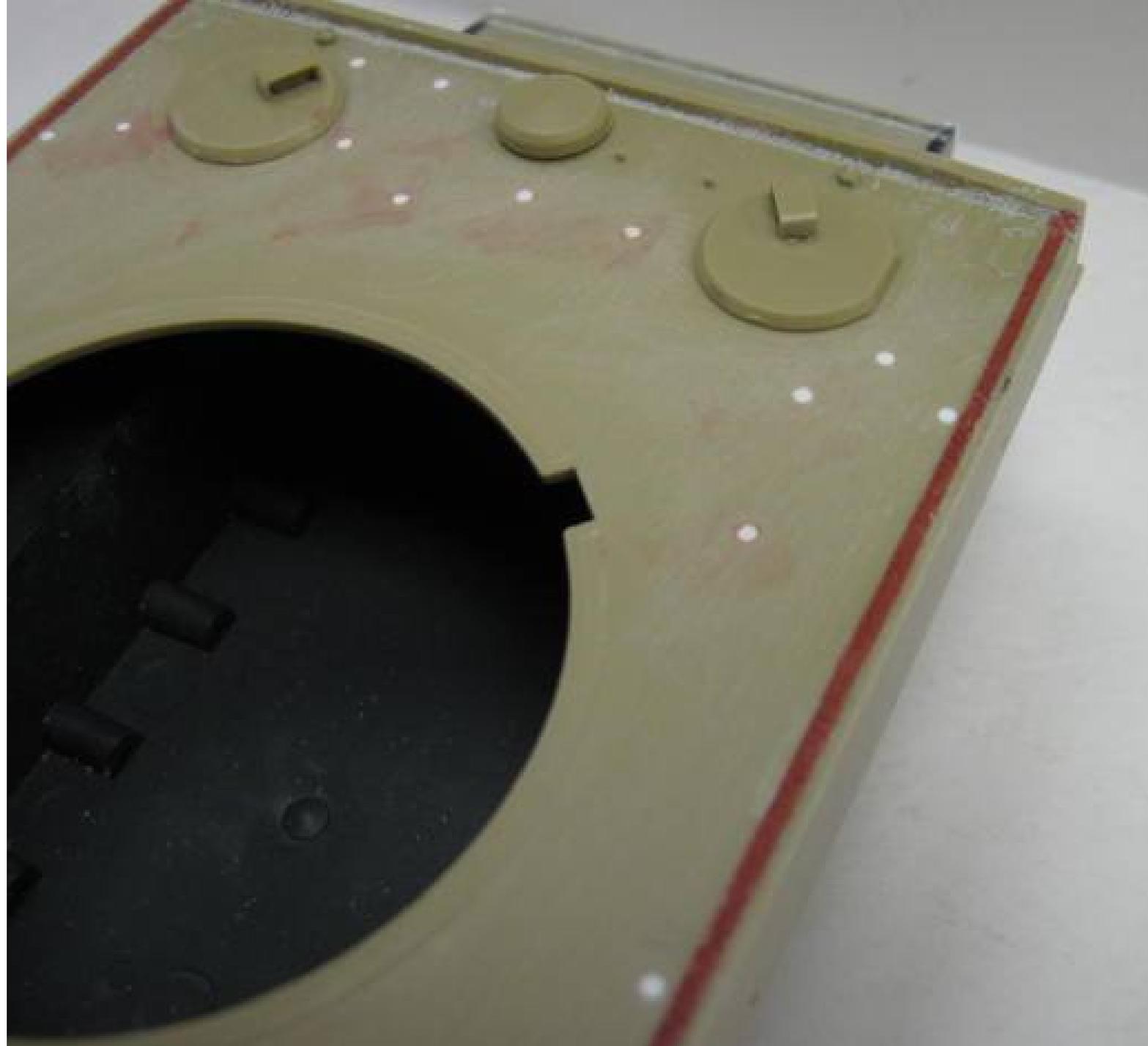


Added weld seams to the side.

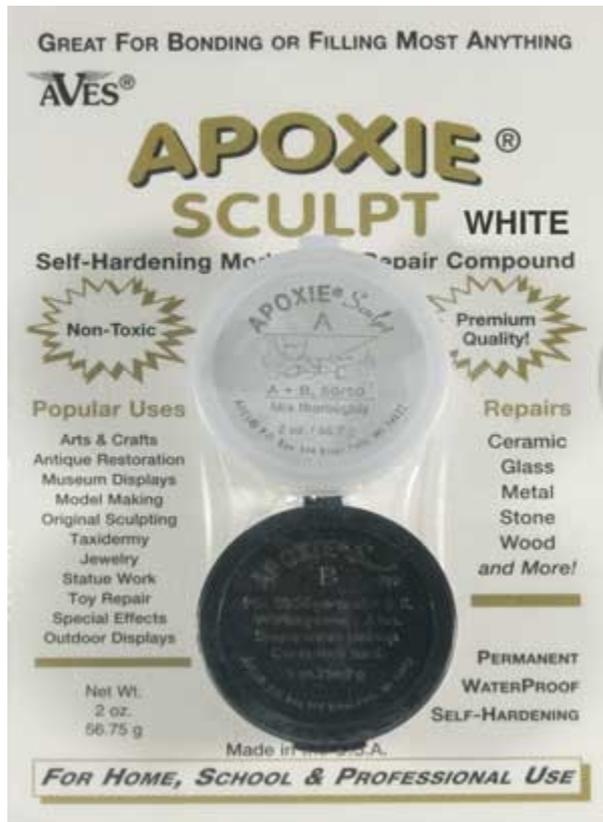


Added weld seams to front extensions.





Weld Seams



Part 3

Turret Detailing and Completion

- Soldering of PE Stowage Box
- Detailing Smoke Dischargers
- Adding Metal Gun Barrel
 - Weld Seams
 - Turret Corrections