

AMPS Club Project Afrika Corps Tiger I

Feifel Air Filters

Part 3

- About the Feifel Air Filters
- Tech Tip
- Adding PE to the Air Filters
- Preparing the engine hatch
- Measuring the Filter tubes
- Test Fitting and added the PE brackets
- Completed Air Filters
- Sneak Preview

About the Feifel Air Filters

- **Feifel** filters were cyclonic **air filter** units supplied with new Tiger tanks during a period of about 1 year.
- Basically it was a pre-cleaner air filtration system.
- Simplified in March 1943 and then eliminated in October 1943
- All the Initial Tiger I Tanks in Africa had them mounted after arrival in Italy.

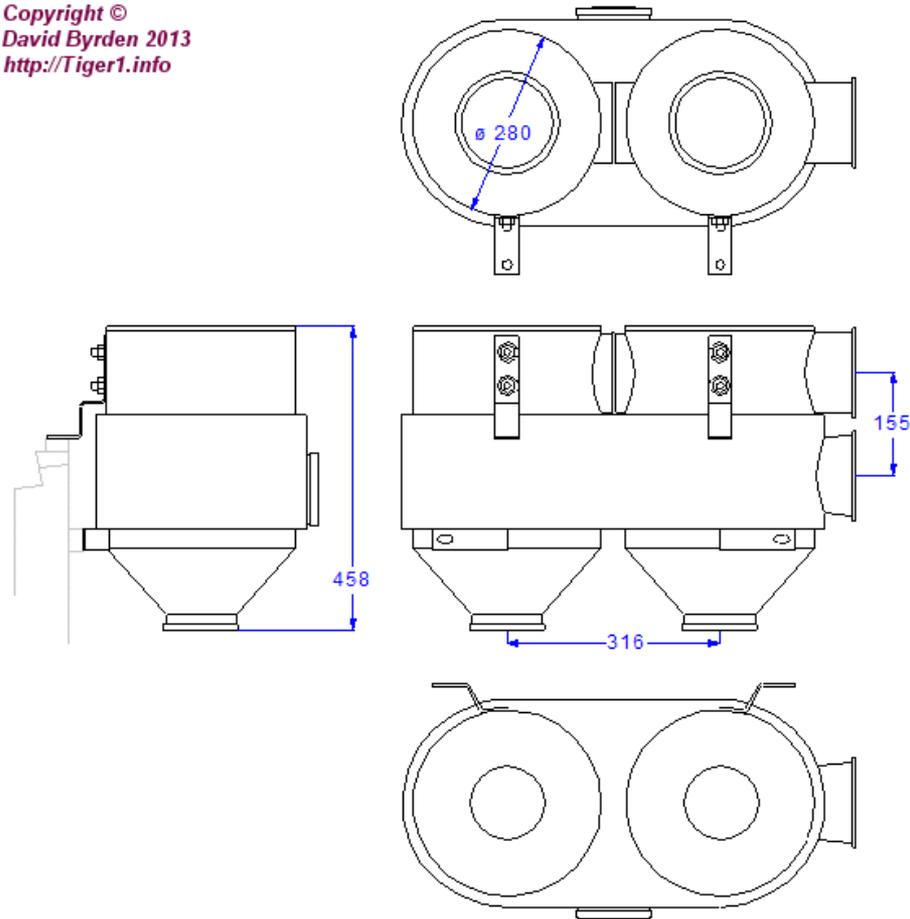
Tiger I Feifel Air Filters on the Bovington Tiger I 131



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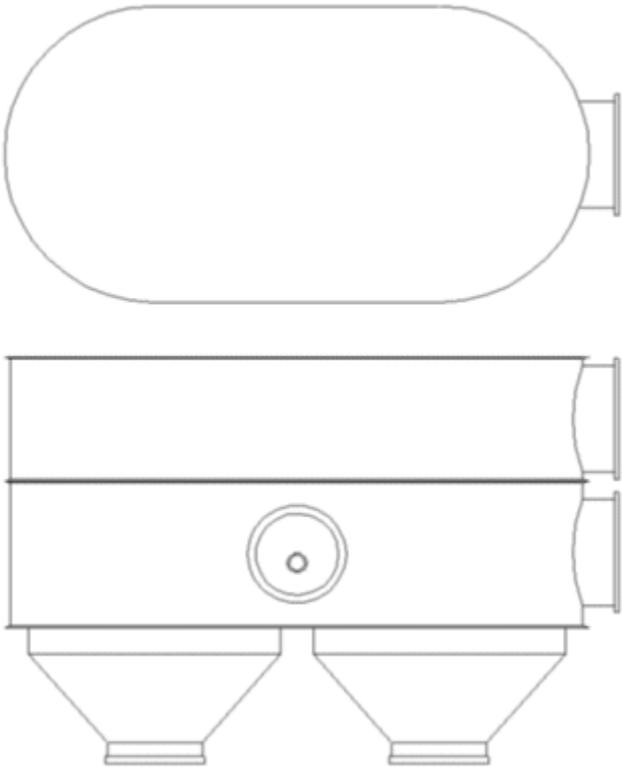
3-D Drawing of the Feifel Air Systems

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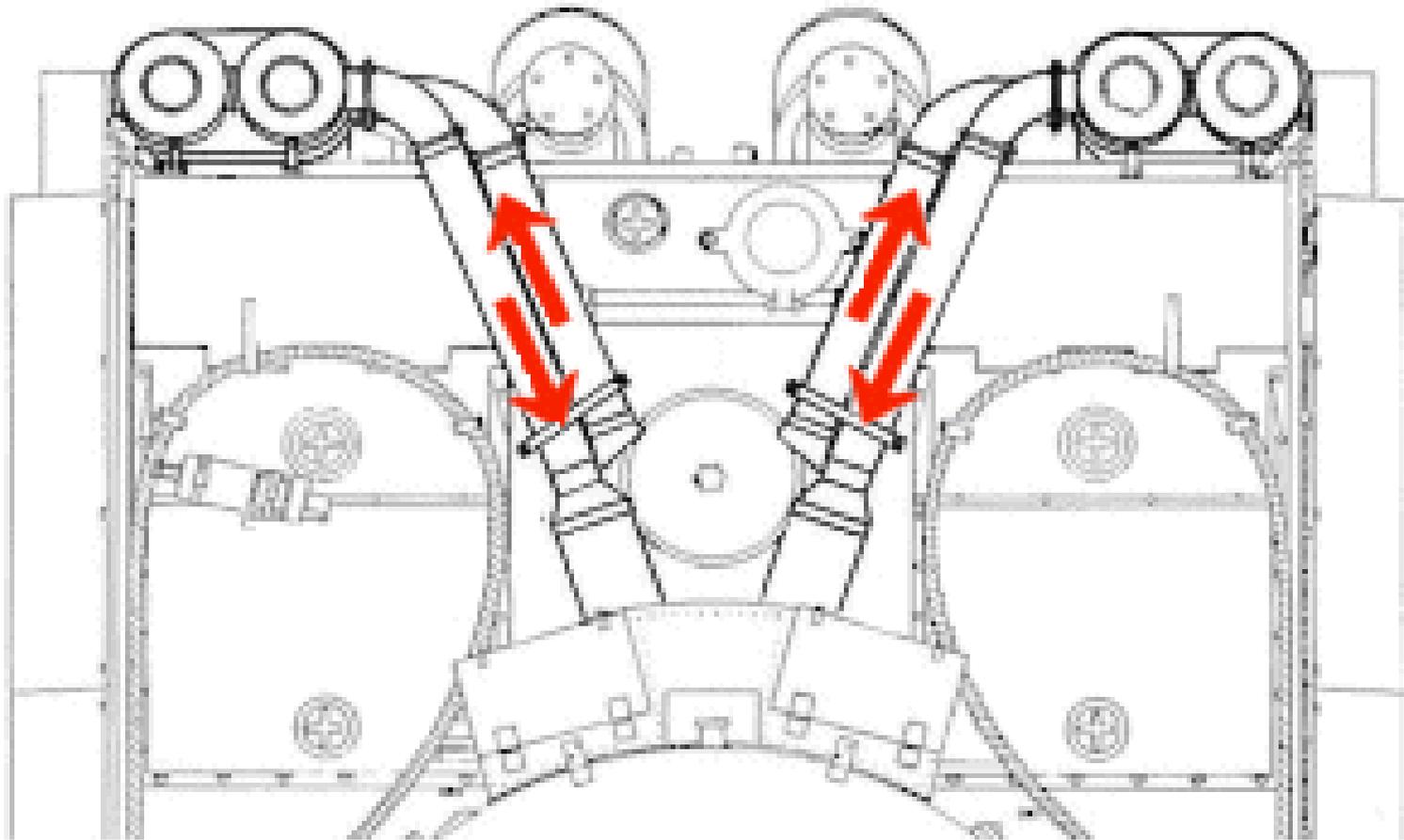


Late Style which was simplified in March 1943

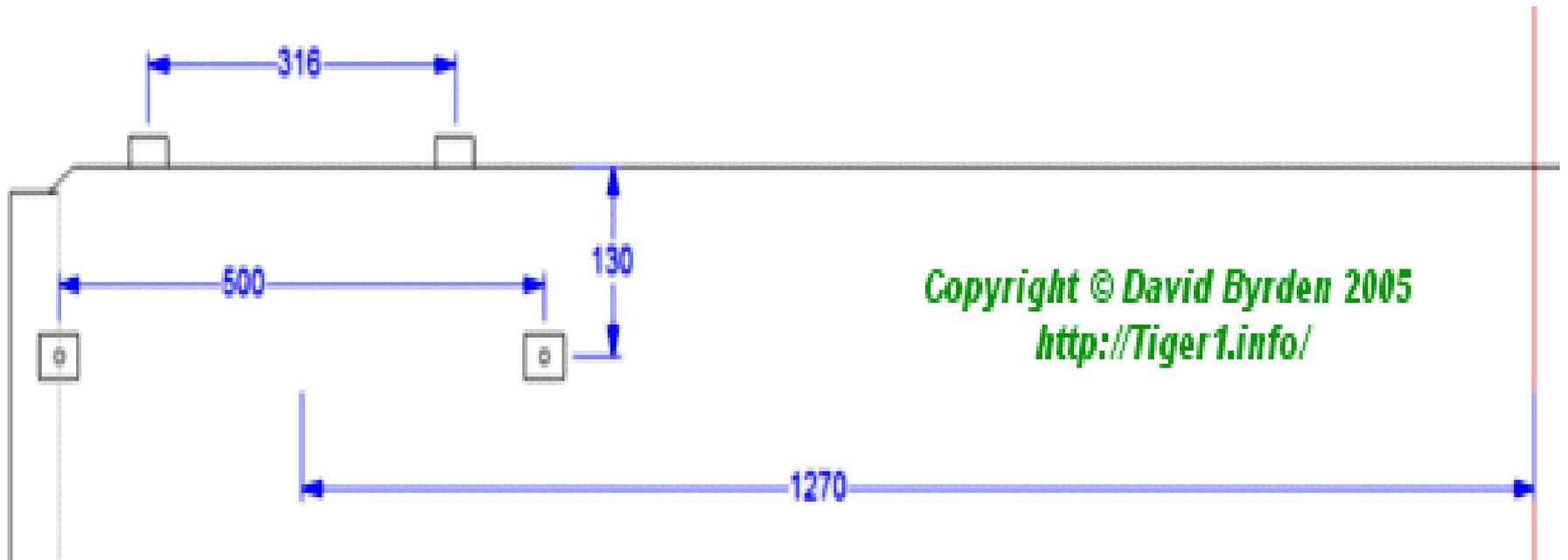
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Air Flow Diagram



Feifel Air System Attachment Guide



Tiger 131 in Bovington





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Tech Tip

Use a sharp pointed scribing tool to pre mark any holes in your kit.

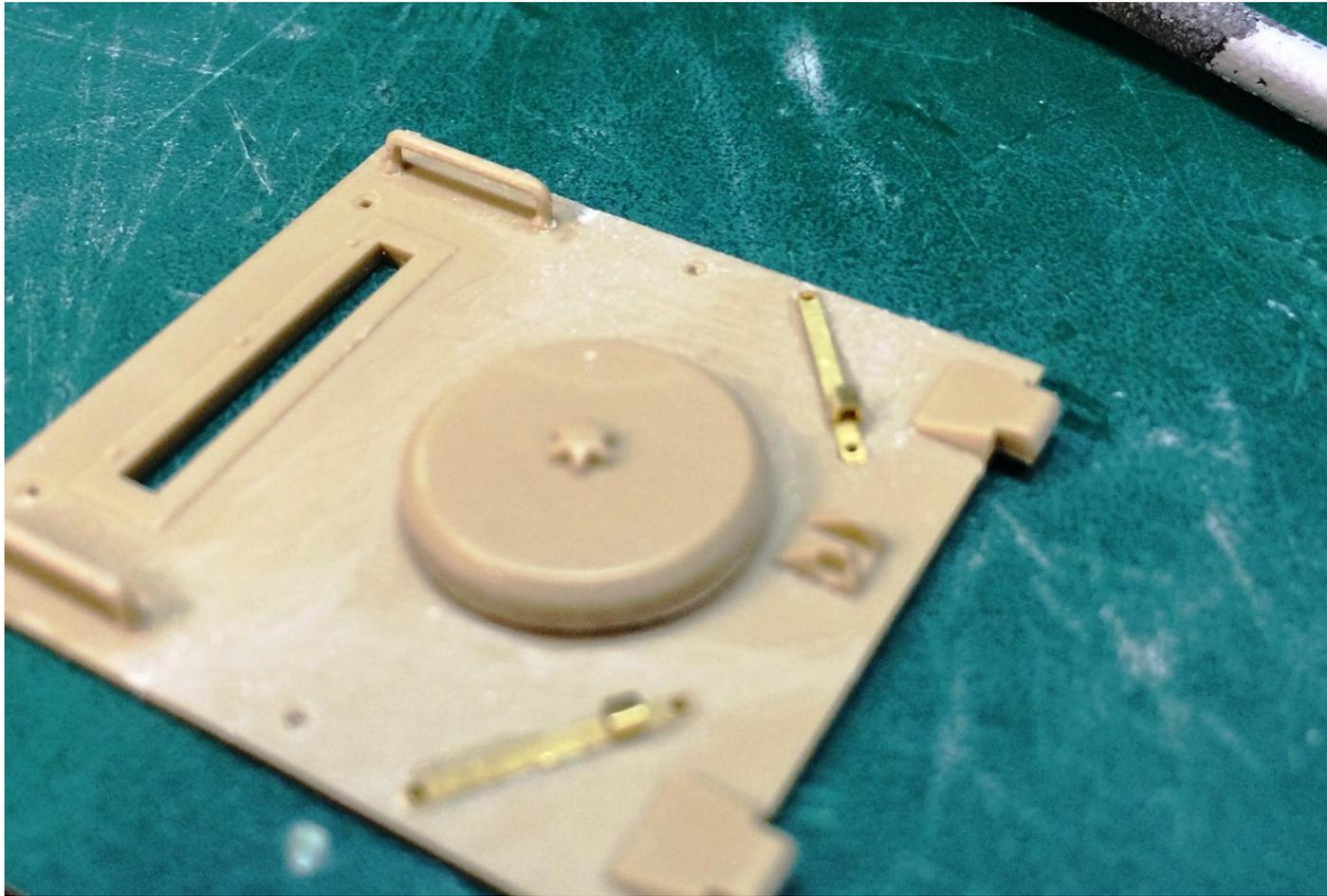


I began by adding the photo etch circles to the feifel air filters supplied in the kit. I also added the Photo Etch brackets supplied in Royal Model PE Set.

The Voyager PE set was not correct for some reason.



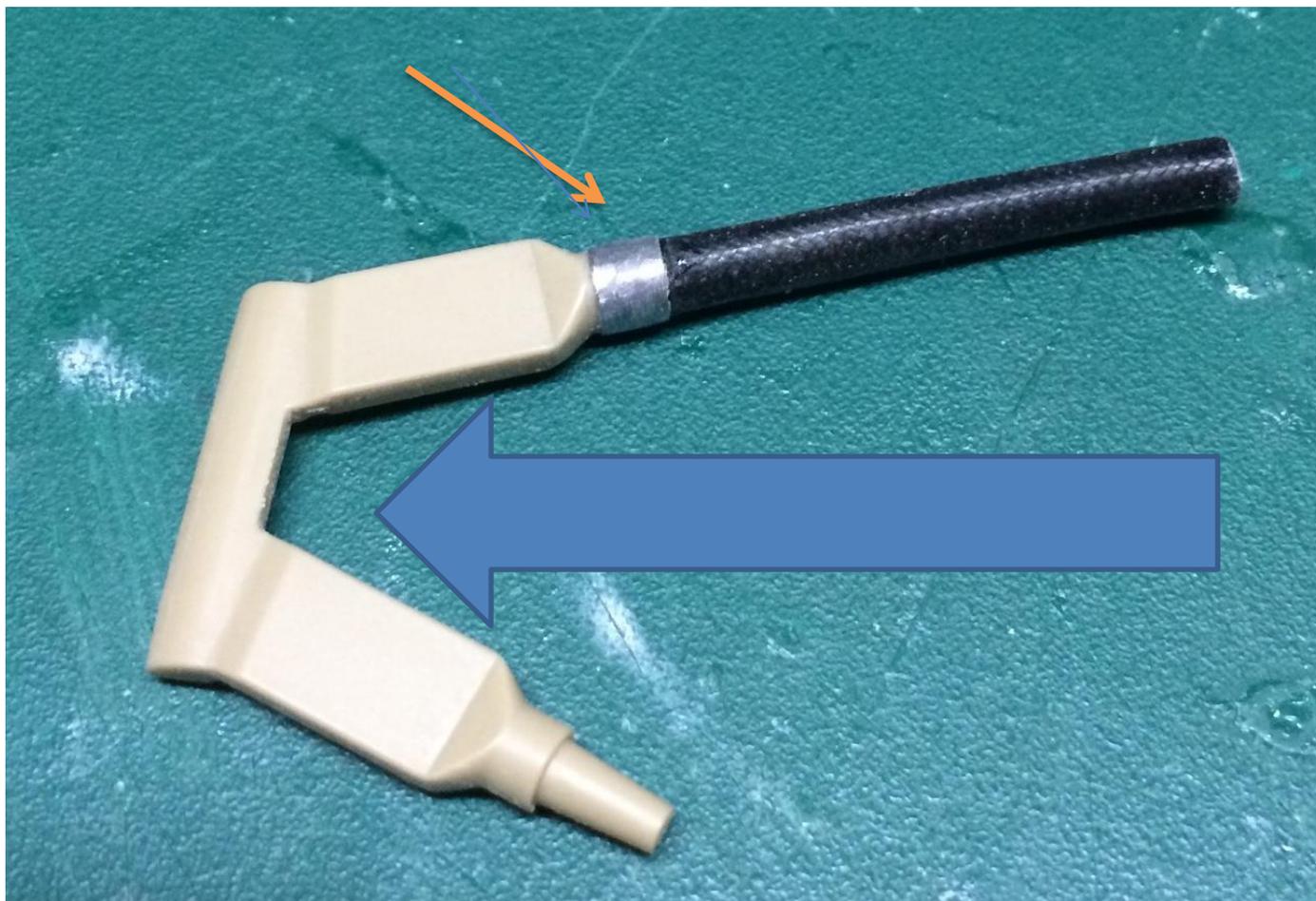
I removed the kit molded on bracket on the top of the engine cover and then added the PE brackets in Voyager PE Set.



My next step was to measure and cut the plastic supplied vinyl for the tubes. They are approximately 1/2 inch long. The Tamiya kit has the measurements in the directions.



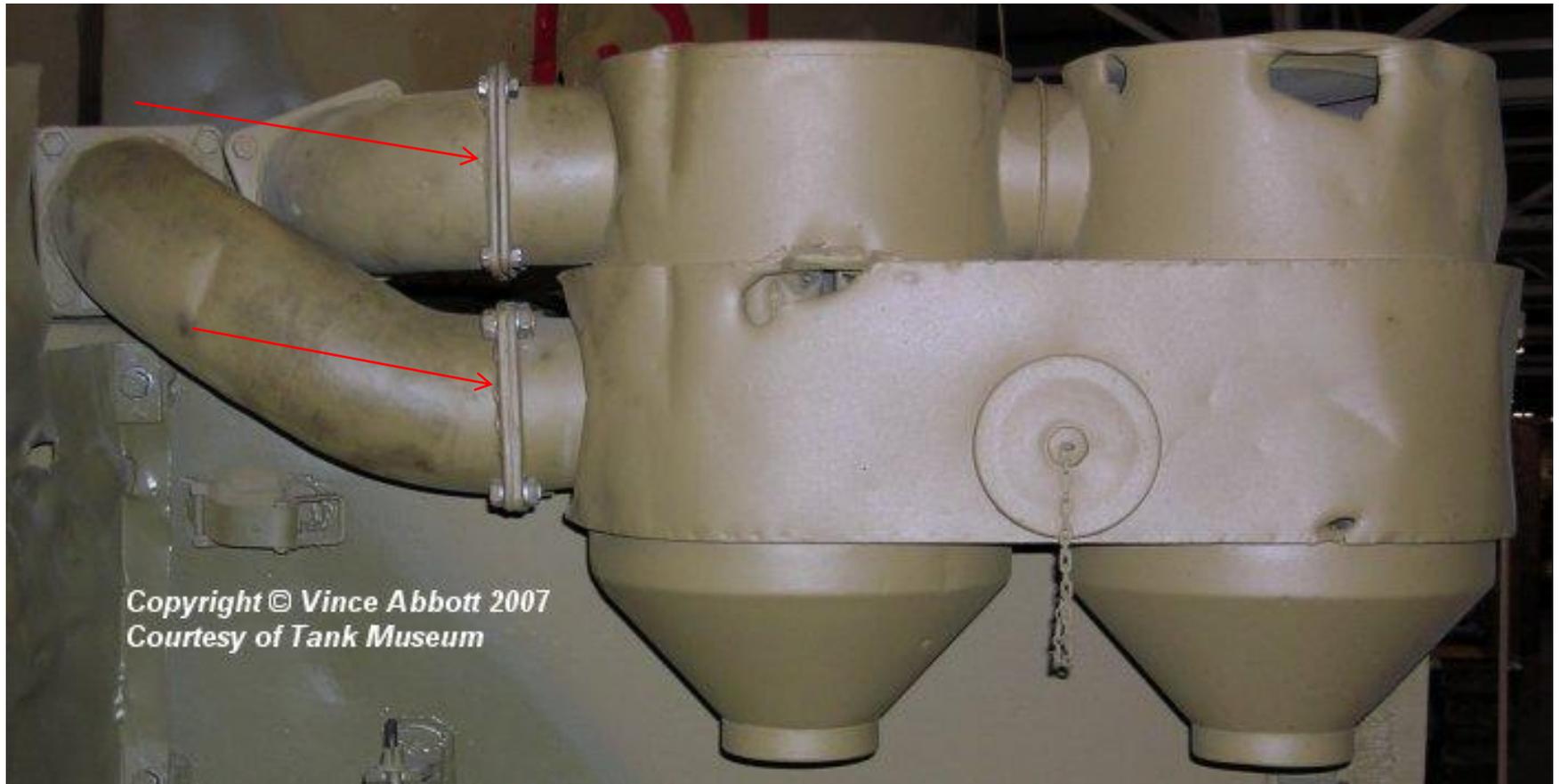
The tube goes into this part. I have no idea what it is called. The lead foil helped me make this more accurate. I used super glue to hold down the lead foil.



Then repeat for the other side and
Presto!!!



Adding the brackets that hold the hoses together.



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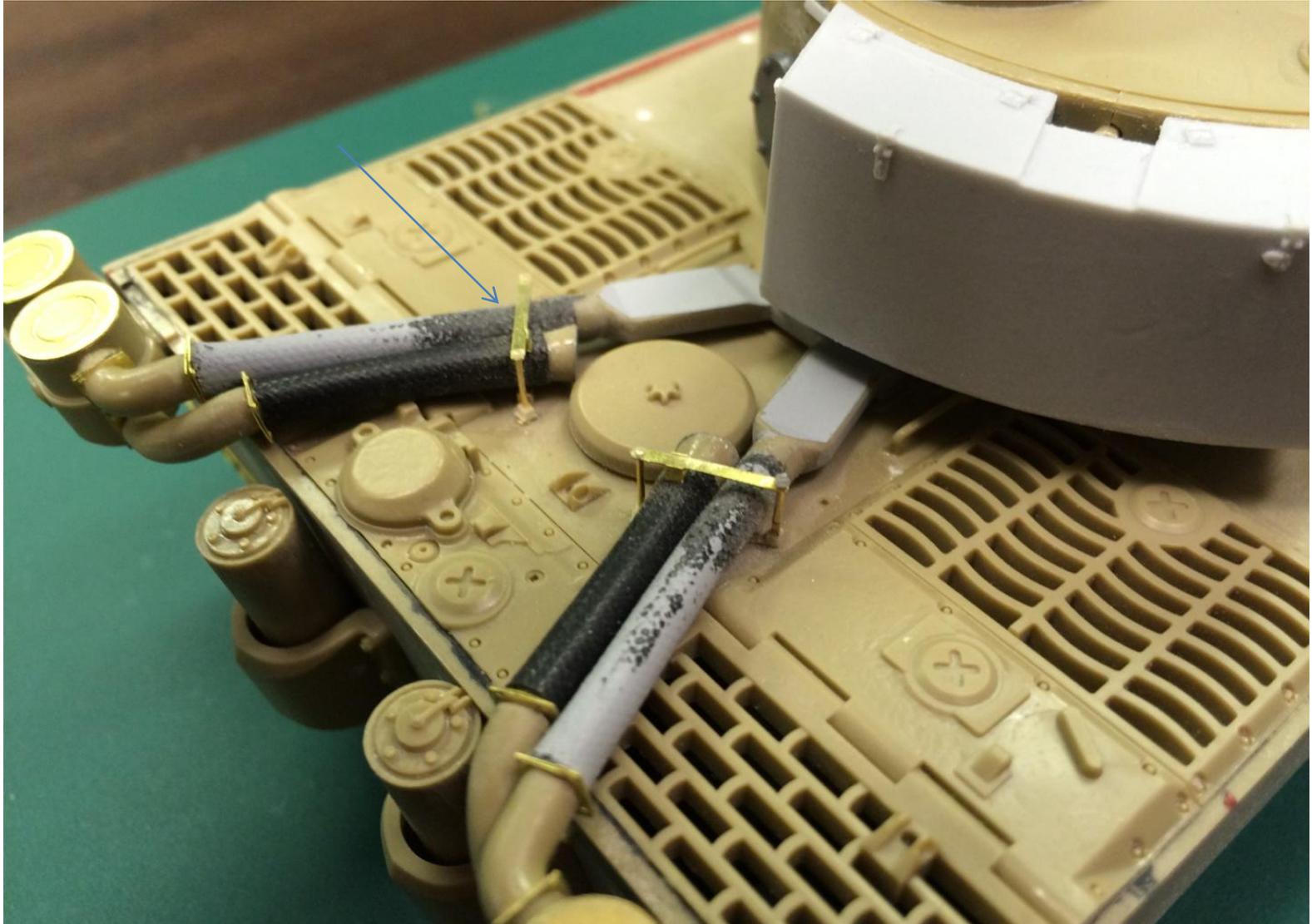
I used the PE brackets in the Aber PE
Set No.35014



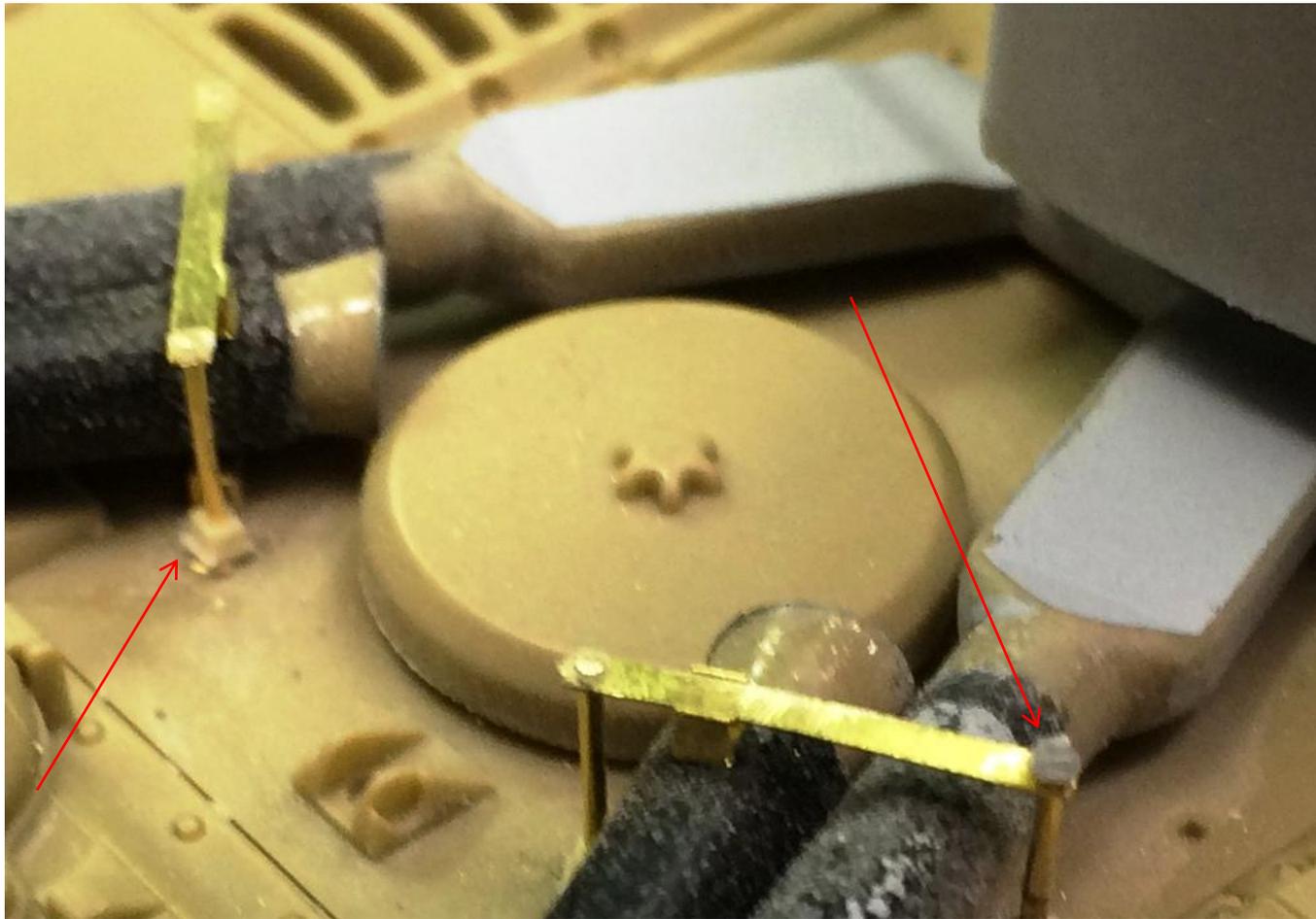
Then I began to test fit the tubes to the model kit.



Added the PE Supports brackets to the engine deck.



And added bolt detail from Grandt line products.

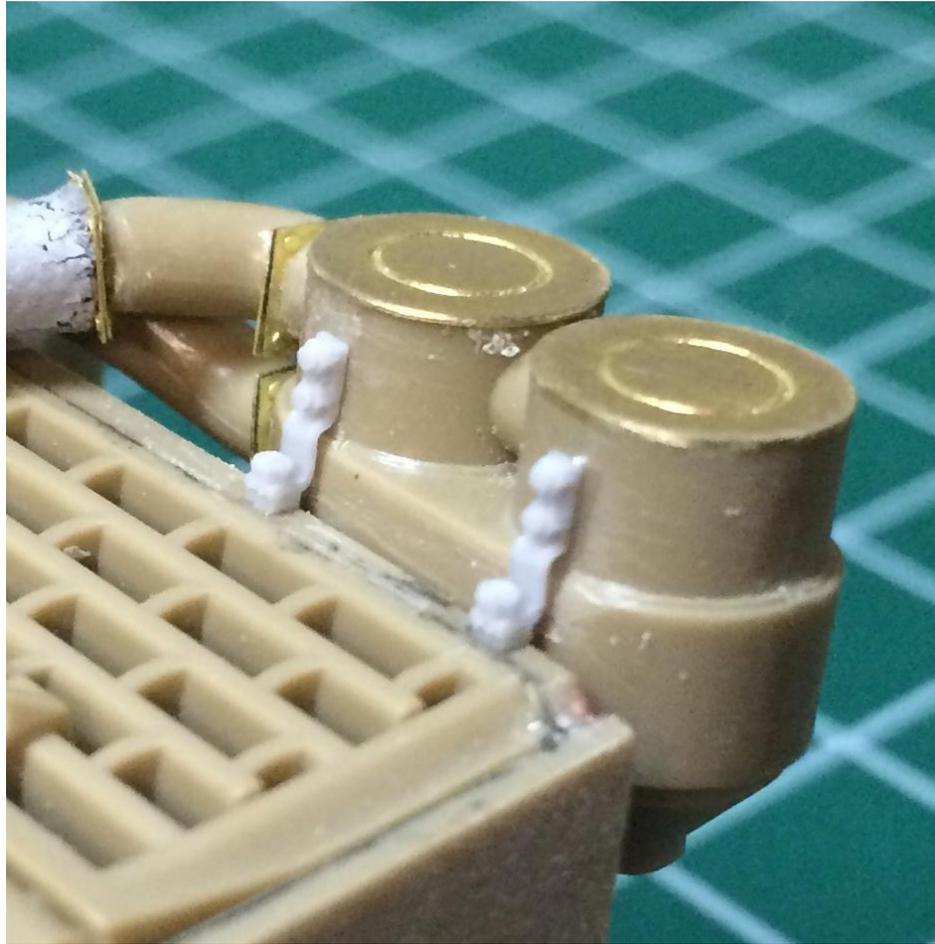


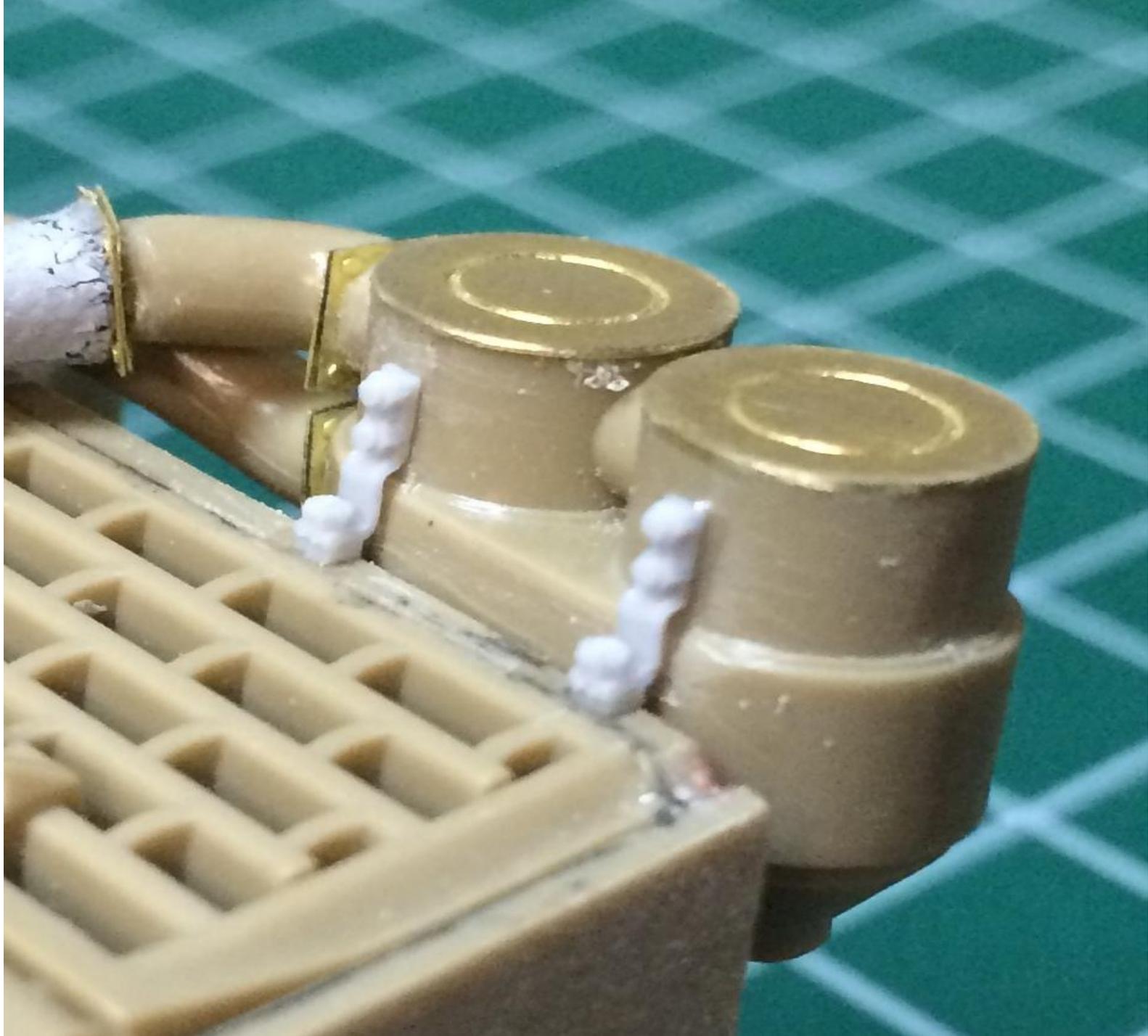
Next step is to add the brackets to the kit parts.



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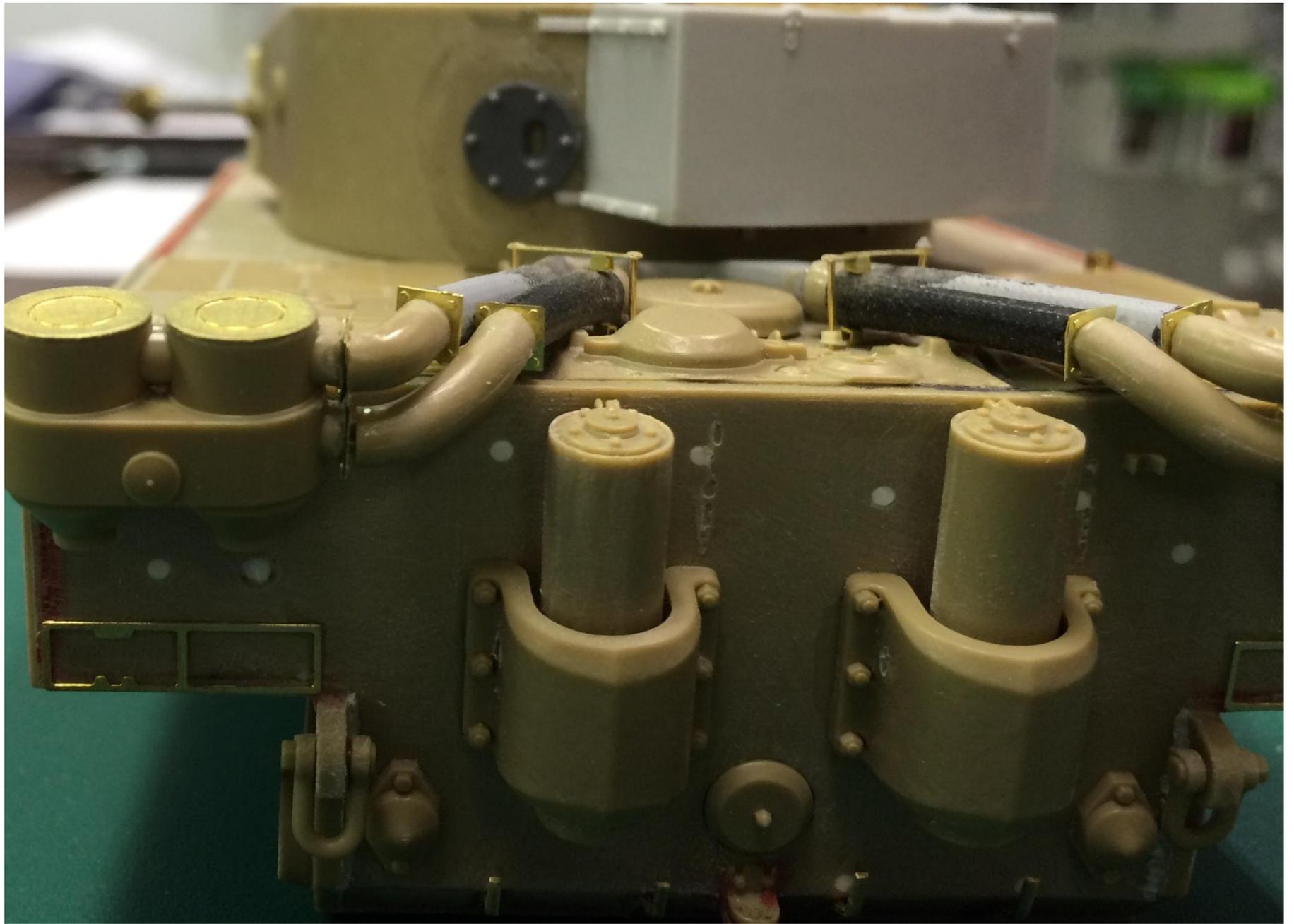
I added the resin brackets from TMD to the Air Filters.





Completed Air Filters





Note

- I purposely left off some of the finer photo etch details to add after weathering the model so I don't knock them off.

Next Session will be focusing on the Tiger's rear end.

