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**10HP Light Utility
Truck "Austin Tilly"
North Africa**



**Step-by-Step
Finishing
British
Trucks**

By Glenn Bartolotti

A complete Step-by-Step guide to Painting and Finishing Armor Models and Figures

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10HP Light Utility Truck "Austin Tilly" North Africa



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Step-by-Step Finishing British Trucks

By Glenn Bartolotti

A complete Step-by-Step guide
to Painting and Finishing Armor
Models and Figures

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Materials Used

The materials I use are very easy to obtain and simple to use. Most are inexpensive and found in most all art supply stores. Over the years I have learned to used these basic materials to obtain finishes that look very realistic. **Consistency** is very important and following each steps is also very important to obtain the desired finish.

You will notice that in none of the steps will you see the method of dry-brushing. I do not like to use this method as some armor modelers do. I prefer a more subtle look in which I feel represents the look of a full scale armor vehicle.



10HP Light Utility Truck “Austin Tilly”

The Austin 10 Utility Truck (better known as Austin Tilly) is actually the military version of the Austin 10 saloon. The chassis is the same size and it uses a “platform” construction that is the result of welding a pressed-steel floor to a frame, which results in great diagonal stiffness.

The Austin Tilly has a few changes in comparison to the civilian Austin 10 – the motor has more power, a water pump is added, a bigger fuel tank and the use of “cross-country” tyres.

About 30.000 vehicles were build.



1



1. 1/35 Military Miniature Series No.308 British Light Utility Car 10HP Item No. 35308 This is a British Light Utility Car 10HP which served as the feet for the British military during WWII at every front. Based on research gathered from actual 10HPs, their compact classical form has been precisely reproduced. The hood can be opened after assembly to allow you to view highly detailed engine bay. You can choose to depict the left and right doors along with the rear gate in either open or closed positions. One figure and four kinds of decals included.

2



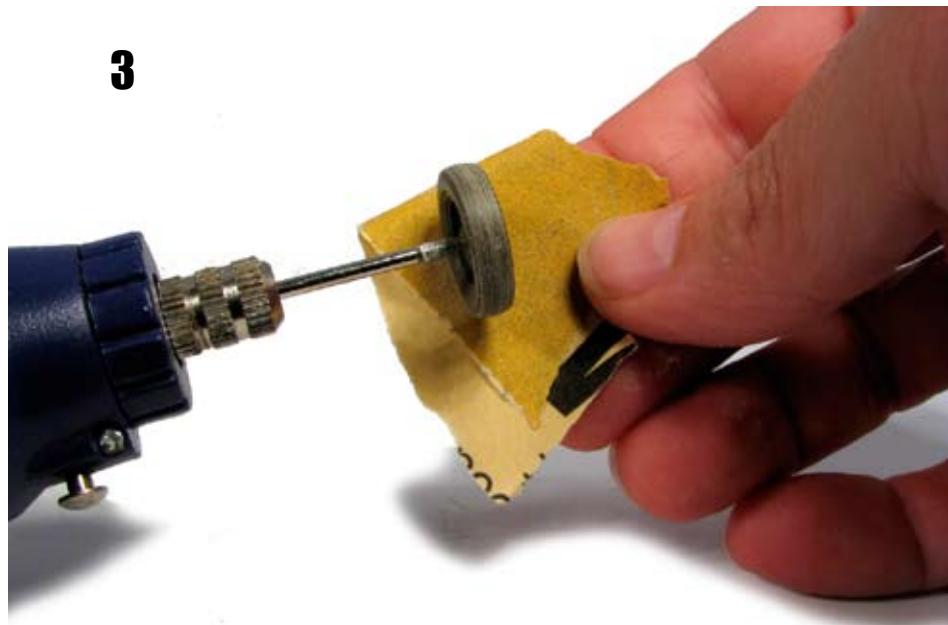
2. The first step in the construction is the engine,

It is basic but looks good. I am not going to detail everything but just a few easy upgrades that can be handled with parts on hand.

I added spark plug wires with small gauge solder.

A spare PE part was used for the air filter support.

3



3. I want the tires to look worn so I have attached them to my dremel tool and used sand paper to add the wear.

4



4. I did all the steps for the chassis and added the wheels at this point also.

If any of your have purchased any of my other Step-by-Step armor finishing lessons you will see I paint with 90 to 100% of the model assembled.

Note the worn tires.

5



5. I assembled the cargo bed. It comes with 2 tail tailgates, wooden and metal.

I chose the wooden tail gate for my model.

6



6. This model has to be the easiest model I have built in a long time.

The ease of building must be its appeal to modelers, plus being a neat subject which has not been a kit available before in plastic at this level.

The lights have been left off until later.

I show it here before taking it apart to paint.

7



7. The model is given a **primer coat** to give the model a good base to start the paint process. I use a basic spray can primer that can be purchased at the local home store. This primer coat makes painting the steps much easier because you get a smooth coat of color to allow you to see all the areas that will be needed to be painted in the steps used to shade and high light the model.

8



8. I mixed 1 part Model master OD Green with Model Masters Burnt Umber to make the interior color. It now looks like the Tamiya plastic color except flat.

9



Dunkelbraun
Available as:
→ Dunkelbraun RLM61 (SG) MM - 1/2 oz.
Bottle
SKU# 2075 Price: US\$3.29

9. The first step in the painting process is the **pre-shade**. This is the darkest shadow color. Dunkel Braun RLM 61(which looks gray?) What you are trying to achieve in this is to make sure any areas that your light source cannot hit is painted. You are for the most part adding artificial shadows. All the recesses, corners, wheels, and under objects that stand off the truck. It is also best achieved in some areas by painting the areas from under the truck as to just paint under the objects.

Tissue paper is stuffed into the cab to keep the spray paint out.

10



10. The first step in the painting process is the **1st camo color**. I used Afrika Braun mixed with flat white a about 2 to 1 for this. I did not need to mask this color as all the remaining camo colors will be painted over it. Tissue paper is stuffed into the cab to keep the spray paint out.

Afrika Braun '42
Available as:
→ Afrika Braun '42 RAL8020 (F) MM - 1/2 oz.
Bottle
SKU# 2102 Price: US\$3.29

Flat White
Available as:
→ Flat White FS37875 - 1/2 oz. Bottle
SKU# 1768 Price: US\$3.29

11



RAF Interior Green
Available as:
→ RAF Interior Green (F) MM - 1/2 oz. Bottle
SKU# 2062 Price: US\$6 3.29

11 Next I masked the truck with painters masking tape for the 2nd camo color. I followed the rendering I made as I masked the truck. Model Master RAF Interior Green was used for this step.

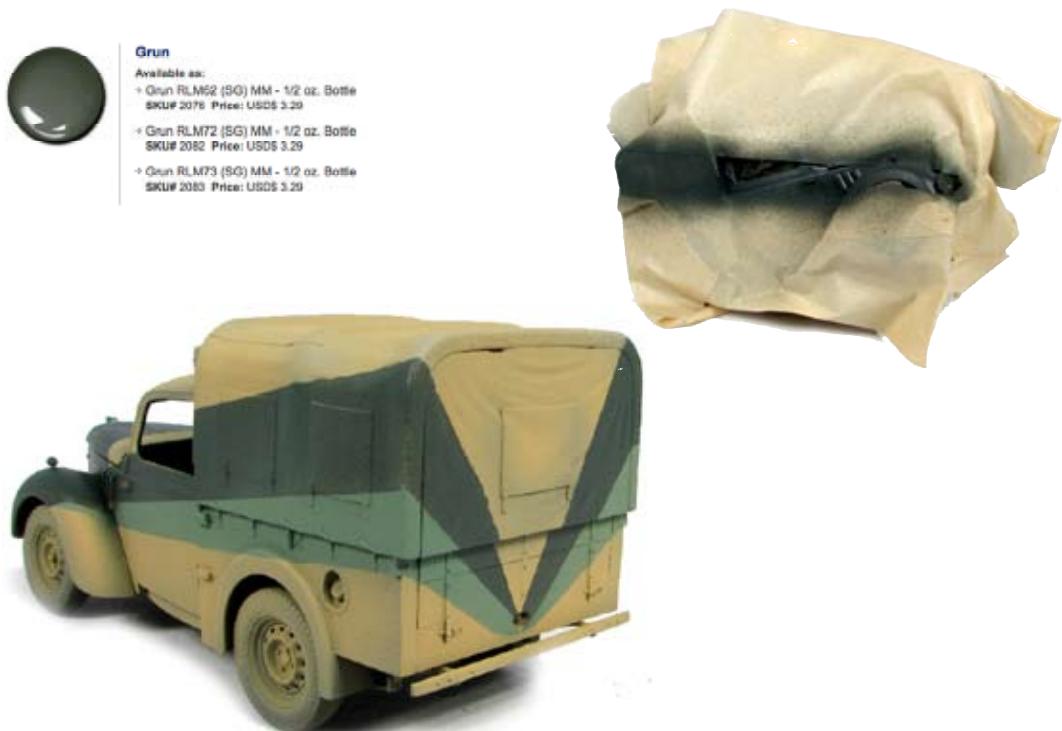


12



Grun
Available as:
→ Grun RLM62 (SG) MM - 1/2 oz. Bottle
SKU# 2078 Price: US\$6 3.29
→ Grun RLM72 (SG) MM - 1/2 oz. Bottle
SKU# 2082 Price: US\$6 3.29
→ Grun RLM73 (SG) MM - 1/2 oz. Bottle
SKU# 2083 Price: US\$6 3.29

12. Next I masked the truck with painters masking tape for the 3rd camo color. I followed the rendering I made as I masked the truck. Model Master Grun was used for this step.



Painted model with the 3 color “Counter scheme” camo colors.

13



13. The model is now given a Testors clear gloss coat only in the areas that the **decals** will be applied. I used a combination of the kit decals and dry transfers from Archer. When dry spray the tank with Testors clear flat.

14



14. After the markings have dried completely the next step in the painting process is the fading. Fading helps tie the colors together, tone down the colors and get the tank the look that it has been in the elements. Afrika Braun mixed down with Testors airbrush thinner 10/1 are used for this. Set your airbrush at a high pressure so it almost dries after contact, making passes over the entire model, tracks and all. The more passes you make the more it will fade the paint. This step really ties things together and smooths out the hand painting!

Note the windshield has been masked, painted and inserted .





15

15. Detail painting. I always get asked how do you paint the details assembled....well I use controlled washes of the colors for each detail. Each wash depending on the item is thinned less or more. The weathering process will tie it all together so perfection is not needed.

Here you see the interior and engine painted in place and assembled using washes..



16

16. I used pastel powder I made by sanding a pastel art stick into powder and dusting into the engine compartment in interior.
Apply the pastels dry.

This ties the colors together and gives a good sandy desert look.

The pastels are \$1.00 a stick at the art store and come in a large variety of shades. I use a file to grind them into powder.

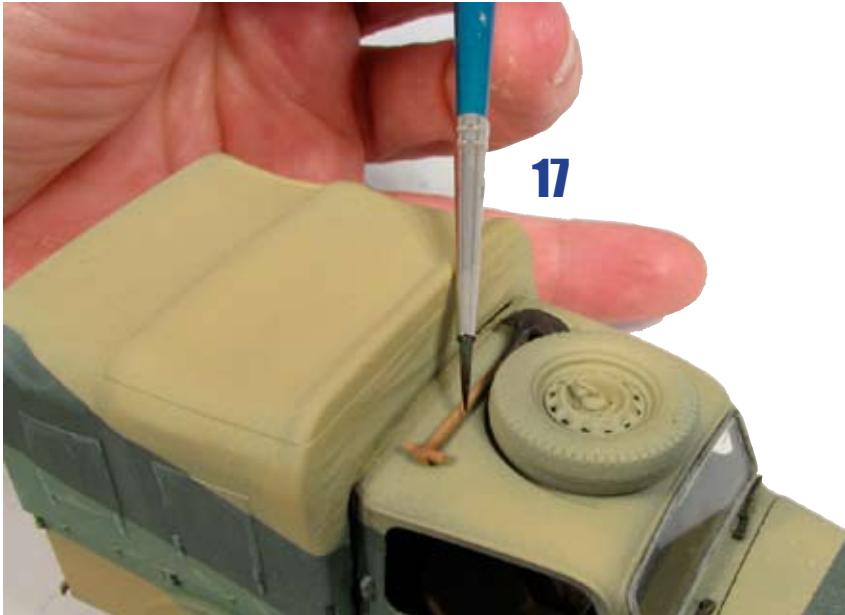
With the dust its hard to tell that just washes were used to paint the details.

The hint of the colors show though giving the look of a fully painted part.

FAST and easy!!!

Close up of
assembled body
with engine
compartment
finished.





18



17. Next step in the painting process are the **tools and equipment.** I paint all tools and equipment on the tank before final weathering. In painting these items study the way metal and wood looks in real life and add the colors into your paint to really get a good contrasting look and make sure you use various colors and shade as you can in each item. Most important don't paint items just one color or shade. I use acrylic paint but any paint you are comfortable with will work.

18. Next step is the **wash.**

First I brush the model with clean turpentine. I put a dab of raw umber oil paint on a pallet, the **oil paint is thinned with turpentine on the pallet and then applied to the model** with a small brush. I do not want the wash to coat the entire model, it is controlled just where I want it. This is sometimes called a pin wash, apply to all of the surface details to create false shadows around each one, and any excess wash is blended into the surrounding surface before drying. I streak it down the sides like it would naturally in some areas, but care should be taken not to overdo this...be subtle.

Once the body of the truck's wash has dried it is turned on its side and the wheels are given a wash. It is put on its side so the wash stays around the bolts and details not allowing the wash to drain down to the bottom of the wheels only. This gives the wheels a even effect all around.

I did not put a wash on the canvas top because I wanted it to look different and have a different texture than the truck.



Next the **tires** are given a very thin wash of black artist oil paint thinned with turpentine. The wash works well because stark black rubber is not realistic. Let wash flow all around the tire but not in the wheels. You can use acrylic paint thinned down as well.

19



19. Next step is the **effects**. I use heavily thinned white mixed with naples yellow artist oil paint to give flat areas of the tank a look as though water that has mixed with dust and dried on the surface. In this case it will fade the paint as the sun does very fast in the desert.

I paint the area with clean turpentine as before. I put a dab of oil paint mixture on a pallet, the oil paint is thinned with turpentine on the pallet and then applied to the model with a small brush as dots. Blend in with clean turpentine being very subtle as you go over the model. Allow this to drain down the sides as it would in real life.

Allow this mixture to flow in the tire treads so it gives the effect of sand that is trapped in the cracks of the tread. Make sure you diluted the mixture heavily with turpentine.

20



20. A final dusting of sand colored pastels that I ground into powder are brushed into the parts of the truck to simulate the desert sand dust. **Apply the pastels dry.**

Do not over due the pastel dust start with very little until you get the desired amount!

see step 16 also

Finished Model



Finished Model



Stay Tuned!

Be on the look out for more Step-by-Step Armor Finishing!



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and finishing Armor Models and Figures

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Armor Models
by Glenn Bartolotti

