

BR52 - Germany 1943 - 1/35 scale

09/02/2020 — Standard Techniques



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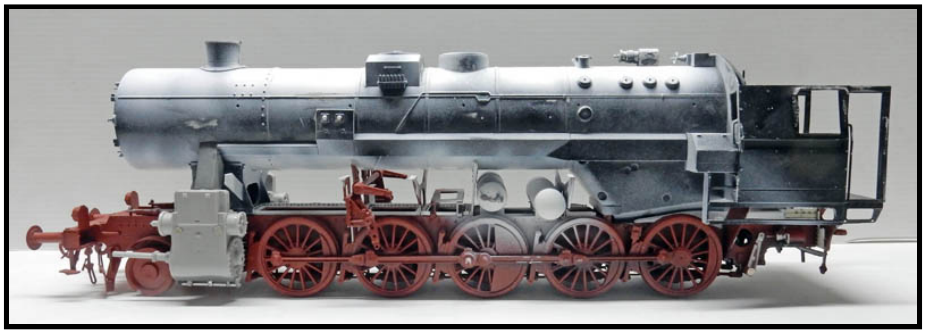
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La "BR 52" - la plus célèbre locomotive allemande méritait bien un kit à l'échelle 1/35ème. La marque Trumpeter a comblé cette lacune... Malgré des centaines de pièces, des détails manquent et des défauts persistent. La première chose à faire est de bien co...





The "BR 52"—Germany's most famous locomotive—certainly deserved a 1/35-scale model kit. Trumpeter has filled that gap...



Despite having hundreds of parts, some details are missing and flaws remain. The first step is to carefully glue and fill the two-part pieces so that the seams are invisible...

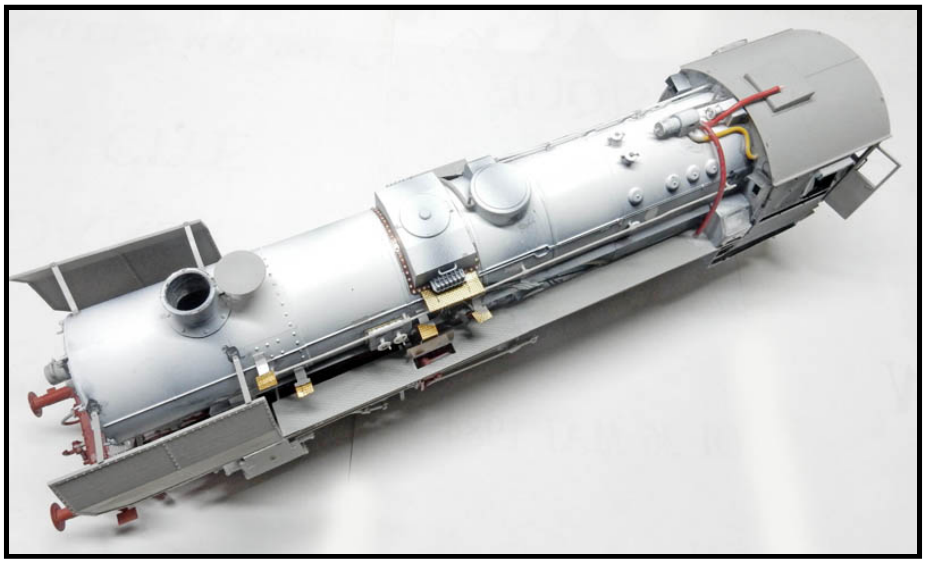
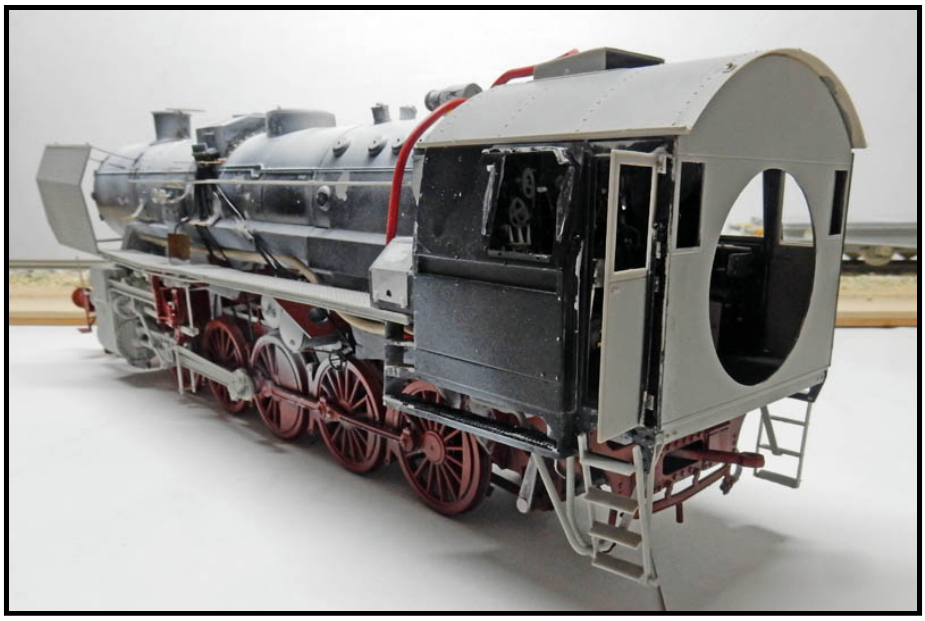
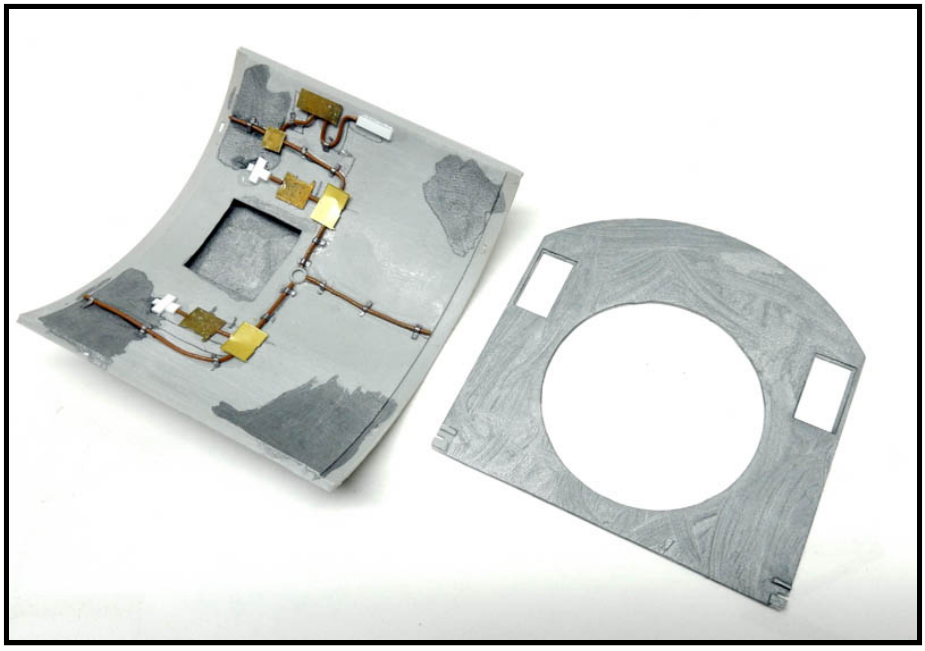


Photo-etched kits and resin parts are available, but they significantly increase the cost per part. Here, we used photo-etched parts from a surplus box that we reworked to fit. Many of them are invisible once glued in place, so we limited ourselves to adding only the improvements that are clearly visible. The piping has been redone using plastic rod...

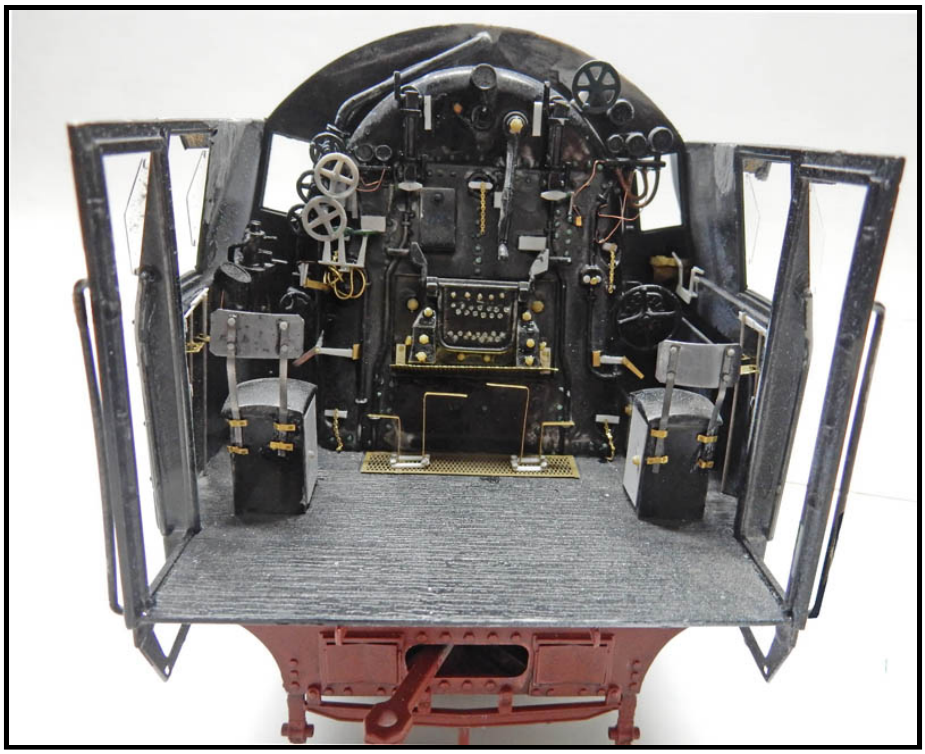


A number of missing nuts and some bars are glued to the wheel carriage, as well as in many other places. The window frames and handles are made of plastic. The running boards are fitted with non-slip plates.

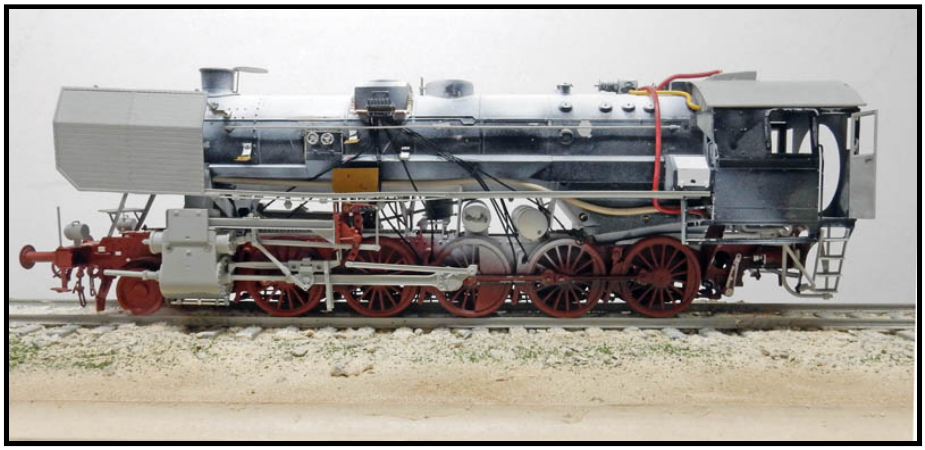
Needless to say, photographic documentation is essential at this stage...



The interior of the cab roof is detailed based on reference materials. The mold lines are filled and sanded...



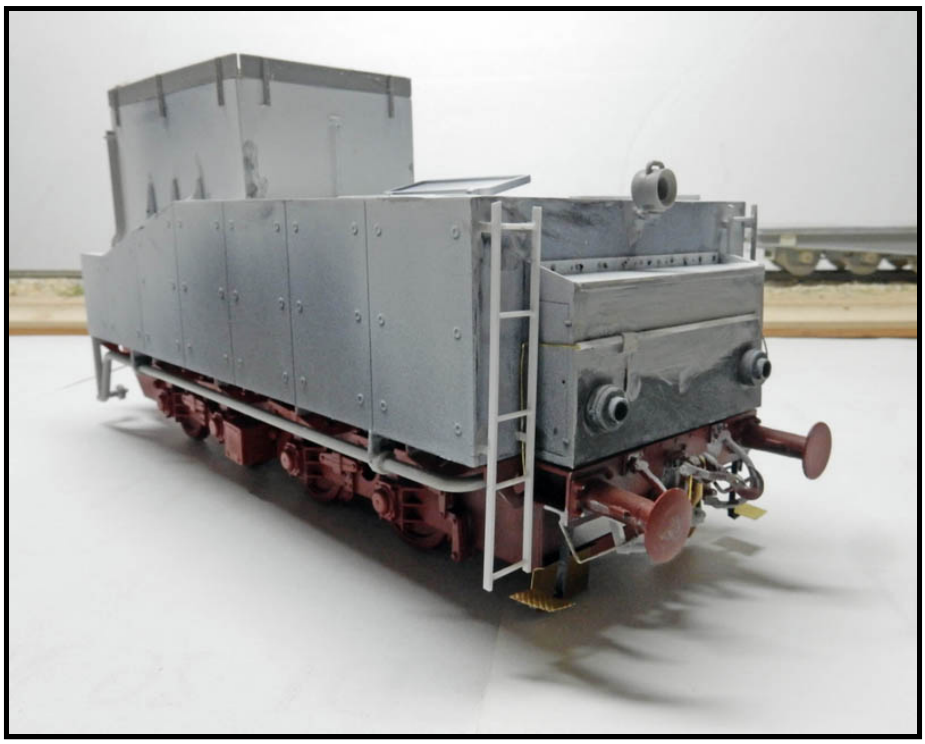
The cockpit has been greatly improved using parts from the surplus bin. The seats have been reupholstered, controls have been added, and cables and various other parts have been installed—all based on the documentation...





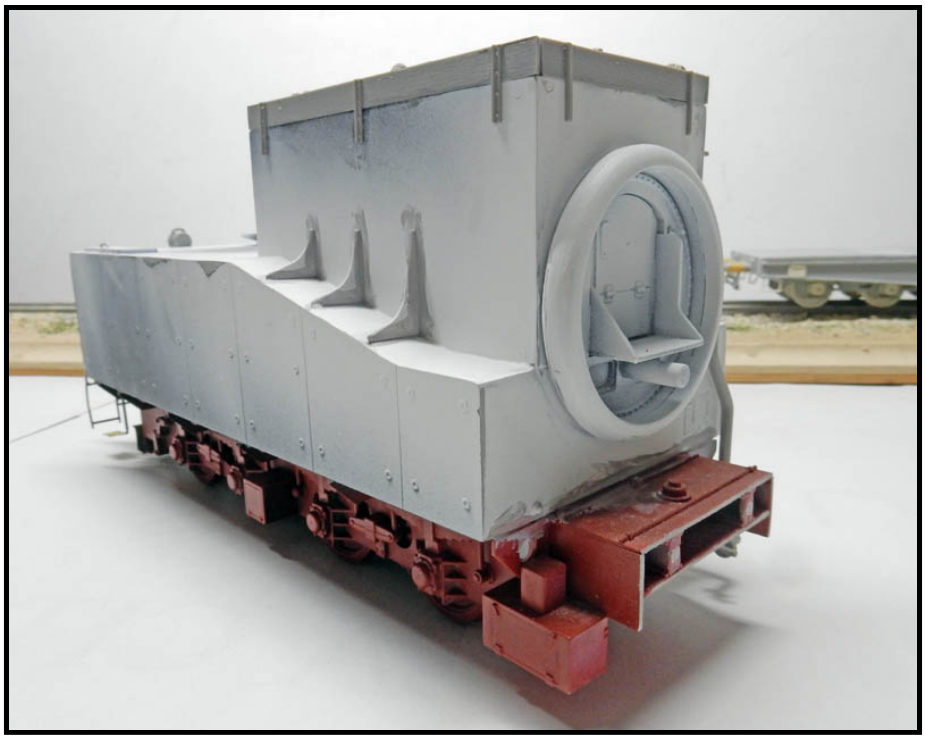
The editing is almost finished...

Le montage pratiquement terminé...



The tender has also been significantly improved. The ladders and bolted plate have been replaced...

Le tender est lui aussi notamment amélioré. Echelles et plaque boulonnée refaites...



It is important to thoroughly seal all joints and openings with liquid sealant. The two-part door seal must be perfectly sealed...

The charcoal is made from crushed cat litter—the larger pieces, that is—and held together with wood glue...



The locomotive and its tender are in position...

La locomotive et son tender en position...



Two flat cars made of resin and plastic from the IRONSIDE brand will complete the diorama...

Deux wagons plats en résine et plastique de la marque IRONSIDE vont compléter le diorama...



The Trumpeter ballast and rails are matched with the Ironside resin ballast—not an easy task... The flatcar's trucks are assembled and glued directly into their slots to make final positioning easier...

An overview of the base with the two rails and ballasts attached...



The flatcar is in place...

Le wagon plat en place...

Painting



The base coat: The three parts are given an acrylic base coat of HOBBY COLOR black using an airbrush...

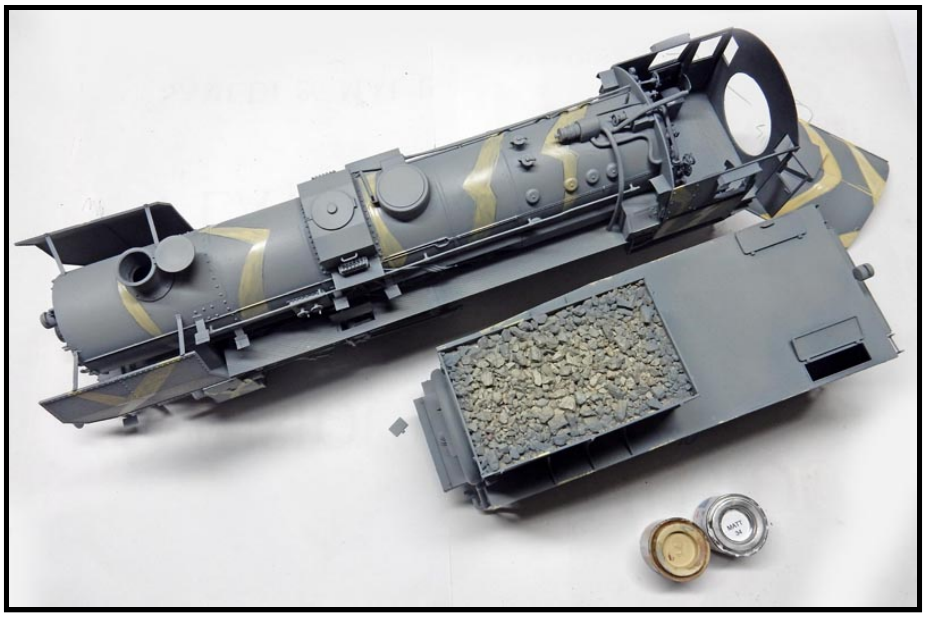
La base : les 3 parties reçoivent une base acrylique à l'aérographe du noir Hobby Color...





...then as a halo using TAMIYA XF63 German Gray and XF53 Vertral Gray...





The camouflage is applied with a brush using TAMIYA 69 yellow mixed with white, followed by dry-brushing with 71...



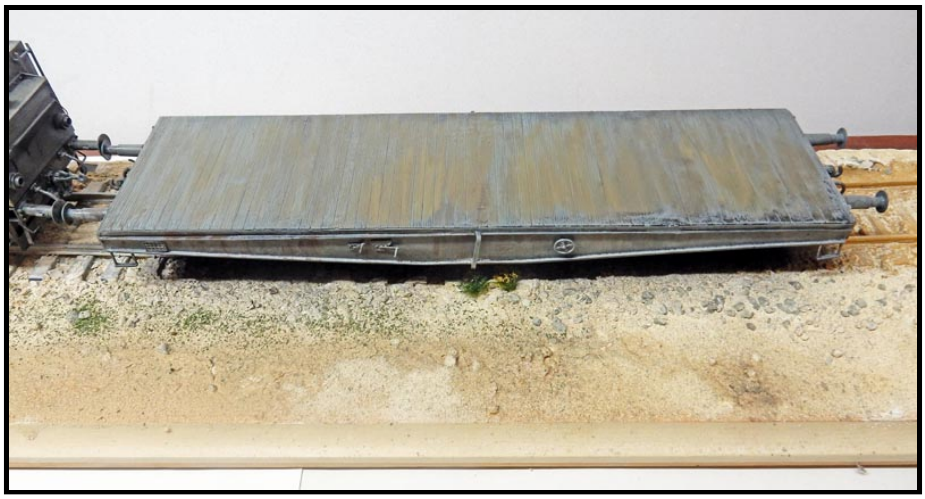
The camouflage is finished...

Le camouflage terminé...

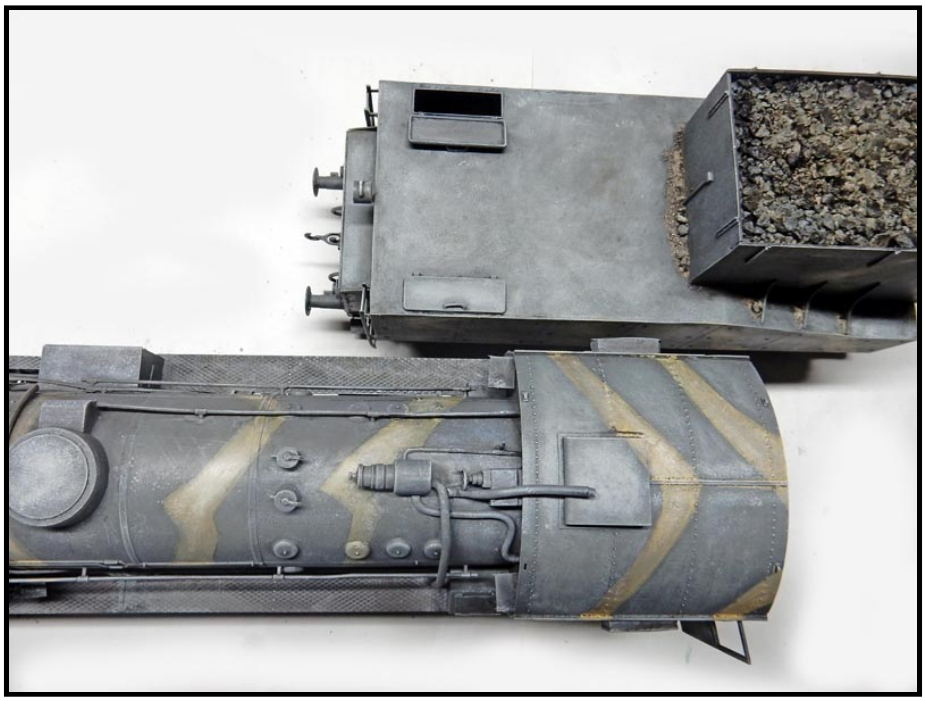




A solution of 98-84 HUMBROL black, diluted to 70%, was applied to the entire piece. The product is wiped off gradually with soft paper...



Dirt is being applied to the flatcar's deck...



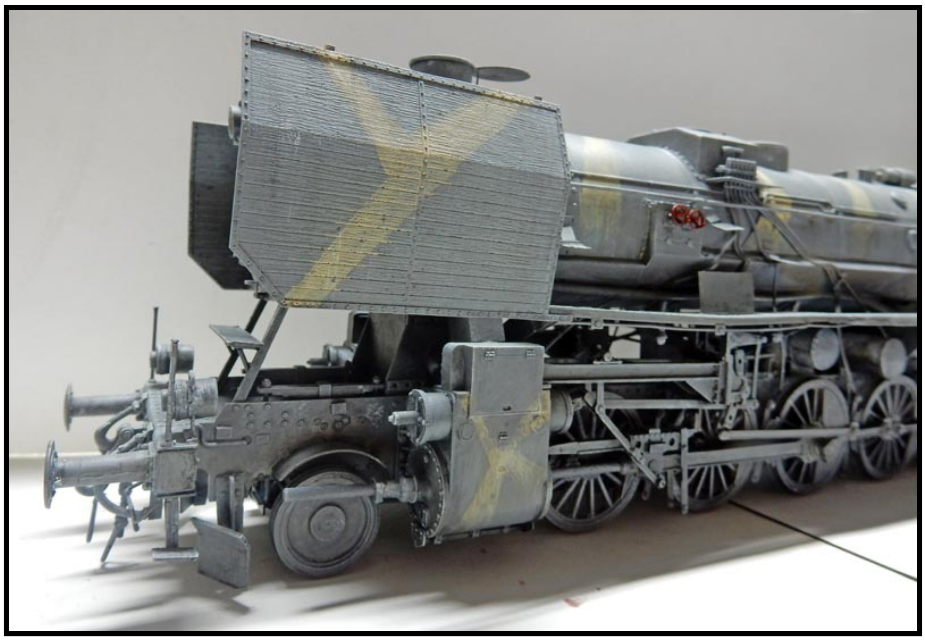
We finish with a dry-brush technique using HOBBY COLOR H308 gray, H334 barbey gray, and TAMIYA XF66 light gray...

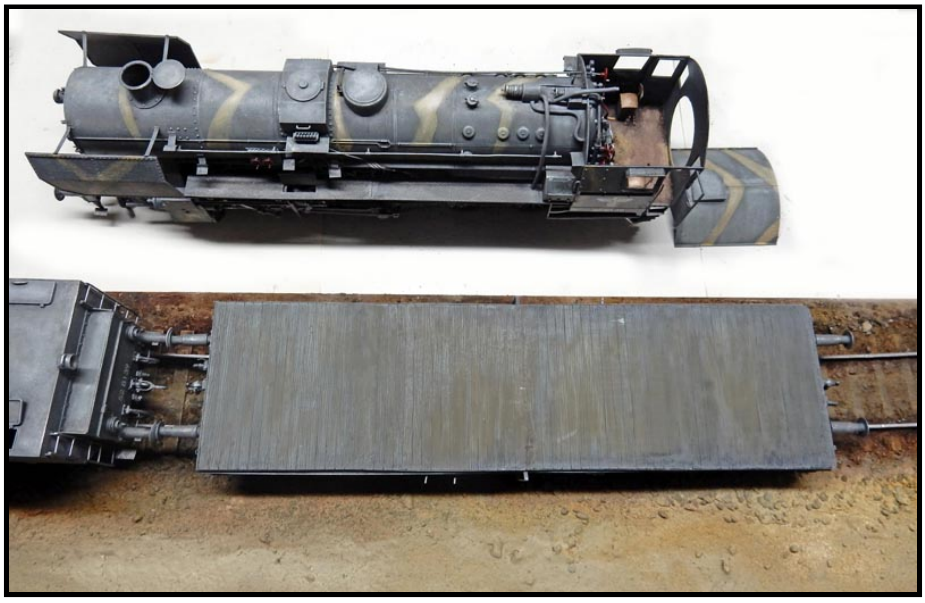
On termine en dry-brush avec de l'Hobby Color H308 gray et H334 barbey grey et Tamiya XF66 light grey...





The decals and transfers have been applied and weathered. As a reminder, to make the decal film invisible, apply a coat of gloss varnish to the surface, place the decal on it after it has dried, and then, once everything is dry, apply another coat of matte varnish...

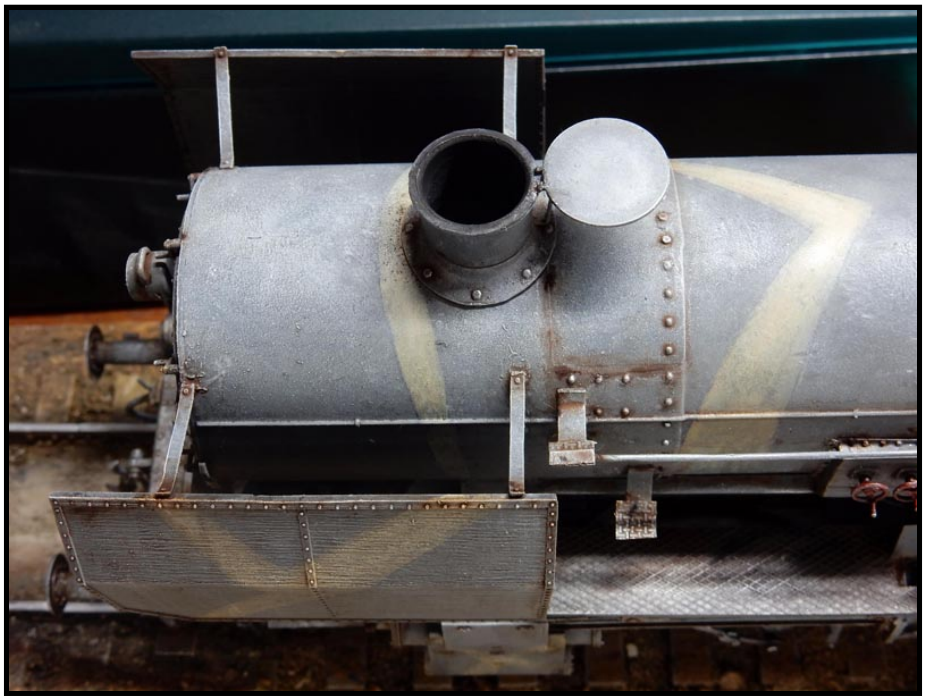






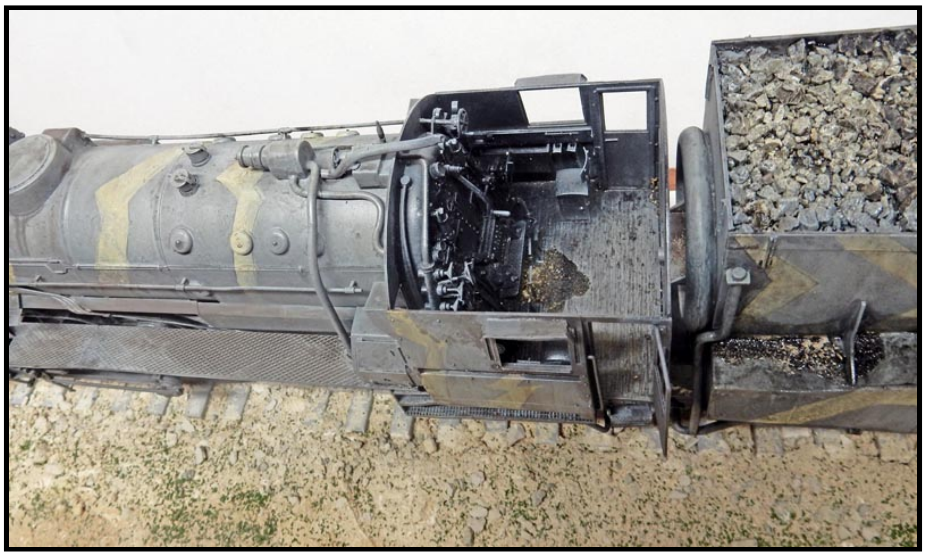
More views...

Autres vues...



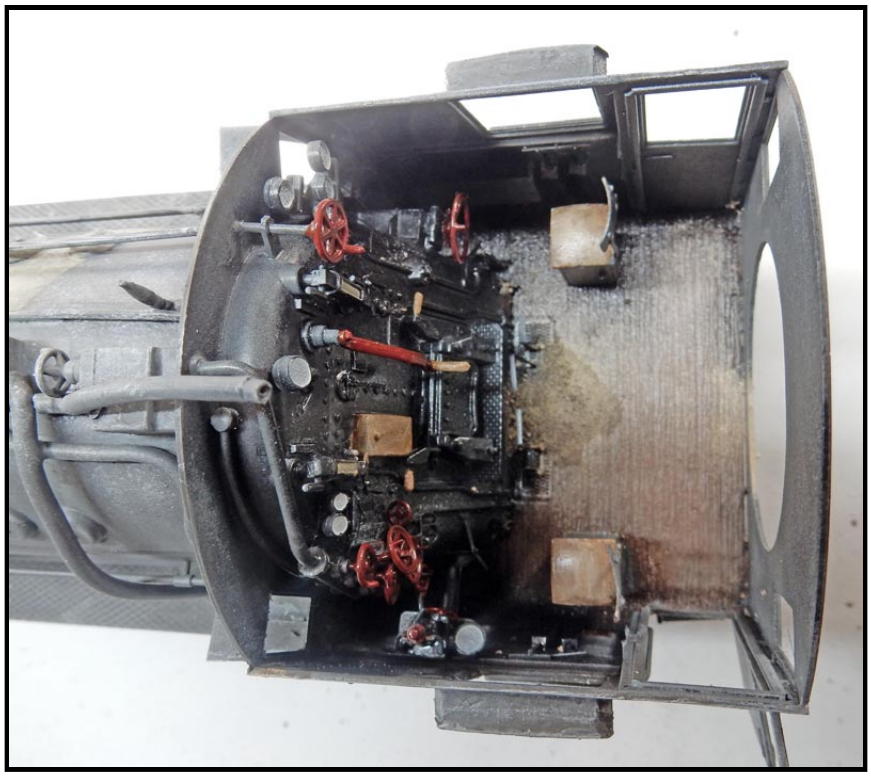
Details... Some black pastel powder got inside the chimney flue...

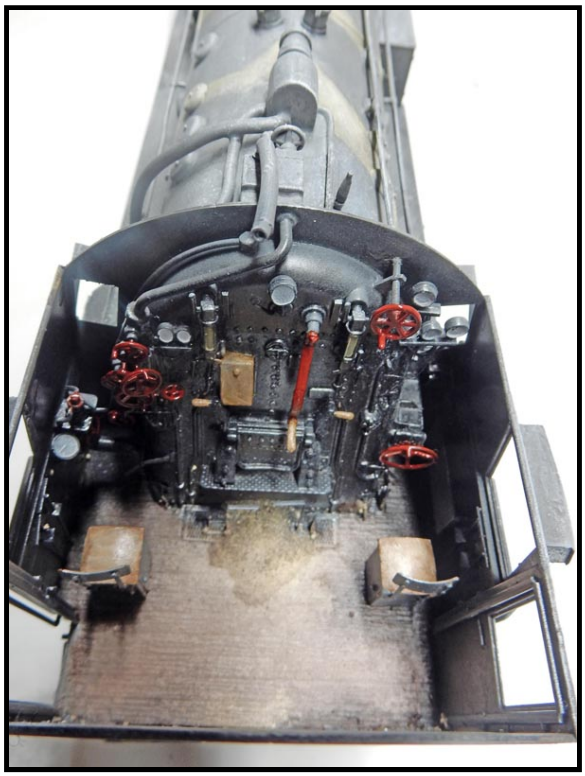
Détail... De la poudre de pastel noir est passé à l'intérieur du conduit de cheminée...



Painting the driver's cab...

Peinture du poste de conduite..



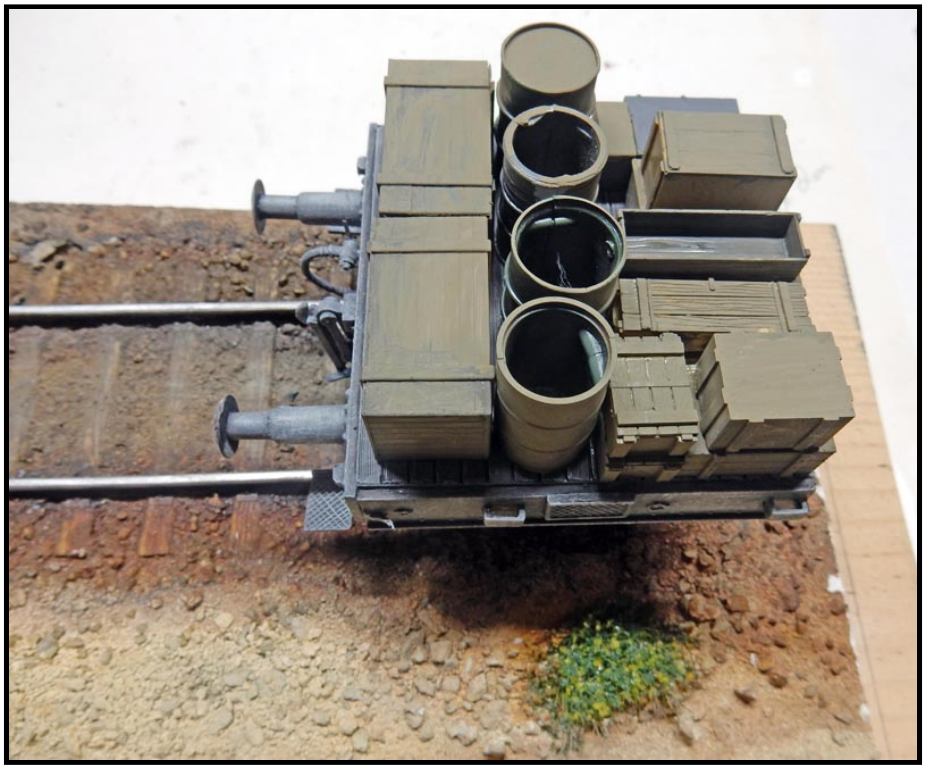


Details...

The second flatcar

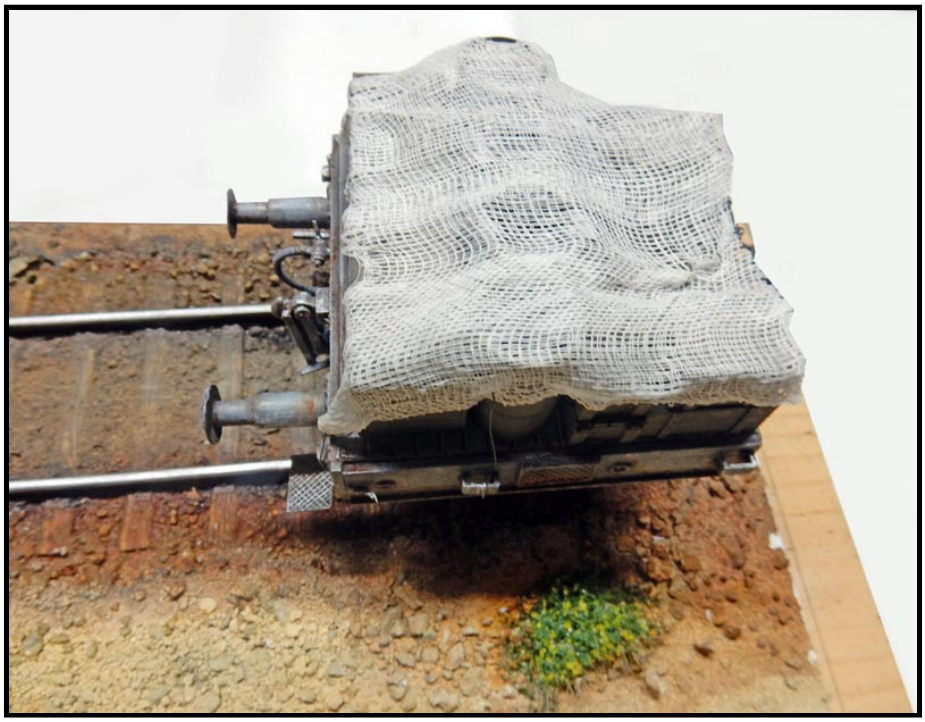


We'll use only one-third of IRONSIDE's second flat car to ensure the continuity of the train. It is therefore cut in half, and only one axle is used. The assembly is glued to the track...



Accessories are arranged and glued onto the railcar...

Des accessoires sont disposés et collés sur le wagon...



A piece of absorbent gauze is laid out and glued to the entire surface with wood glue...

Une bâche en gaze hydrophile est disposée et collée à la colle à bois sur le tout...

The vehicles in the convoy



Inspired by vintage photos, armored vehicles will be added to the flatcars...

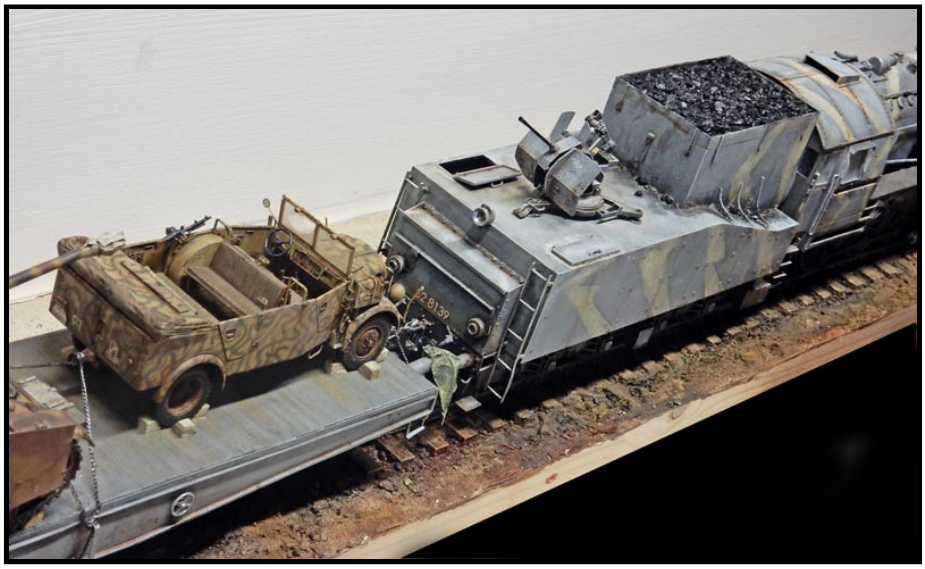


Balsa wood blocks are cut to fit the tracks and wheels...



Chains are also added to hold everything together...

Des chaînes sont également ajoutées pour maintenir le tout...



Another view...

Autre vue...

Figures & Accessories



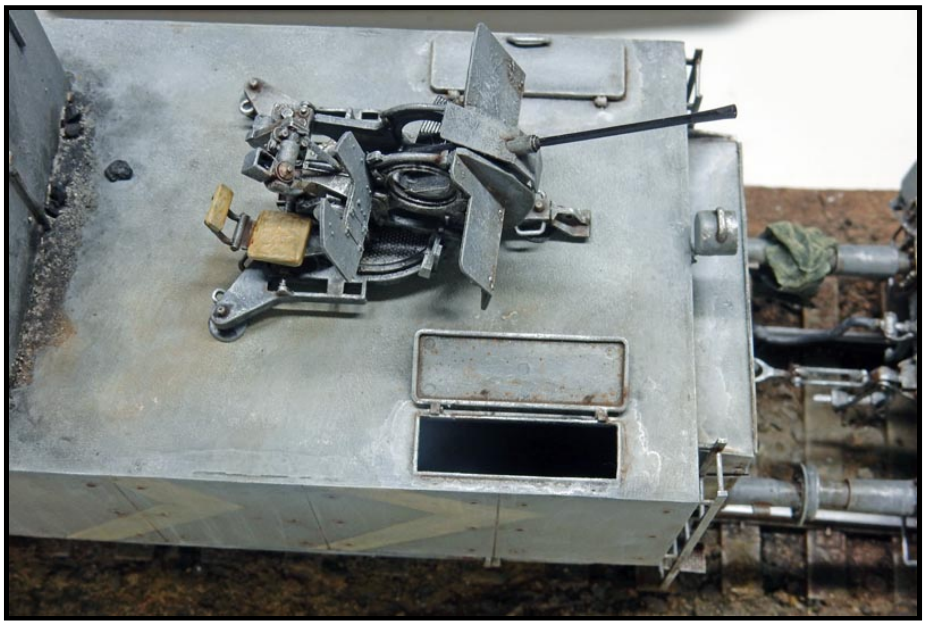
32 figurines from various brands will add to the scene...

32 figurines de différentes marques viendront agrémenter la scénette...





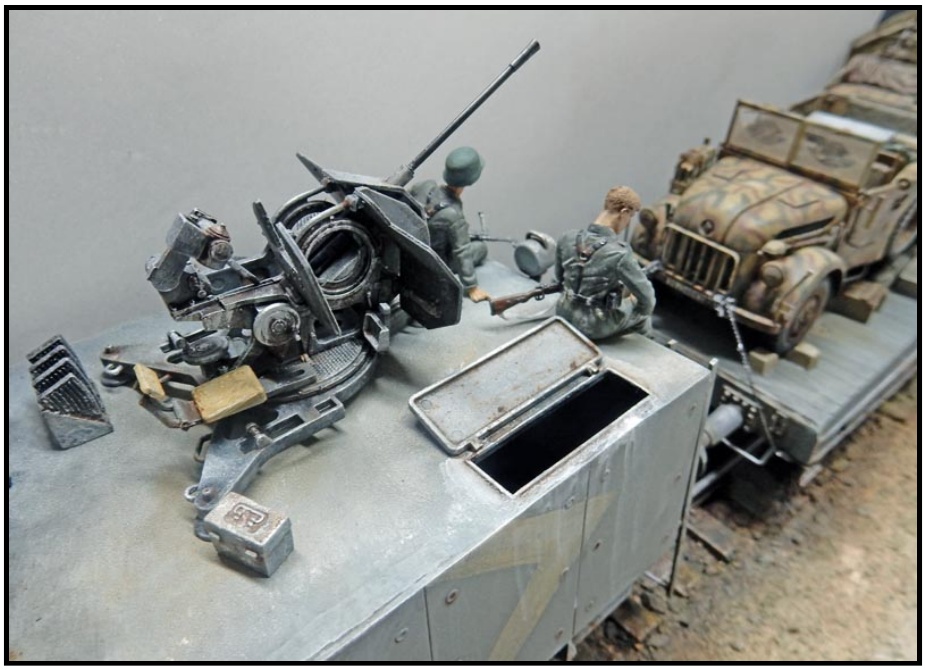
A Flak 38 gun will be installed on the tender for air defense...



Note the coal residue around the tender's tank and the rings around the hatches. Pastel powder has been deposited on the floor of the tender...

A noter les résidus de charbon autour de la cuve du tender, et les auréoles autour des trappes.

Note the coal residue around the tender's tank and the rings around the hatches. Pastel powder has been deposited on the floor of the tender...



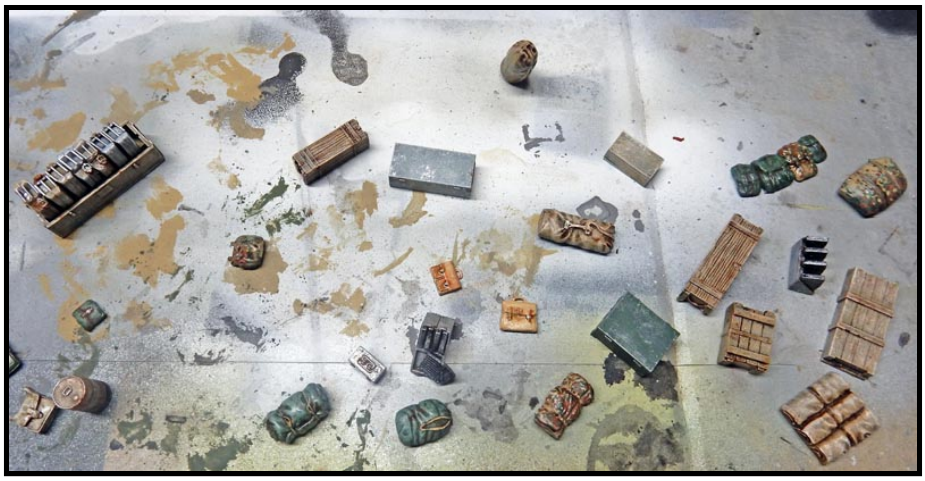
Another view...

Autre vue...



The Schwimmwagen parked next to the locomotive...

La Schwimmwagen disposée près de la locomotive...



Miscellaneous accessories...

Accessoires divers...

The Setting



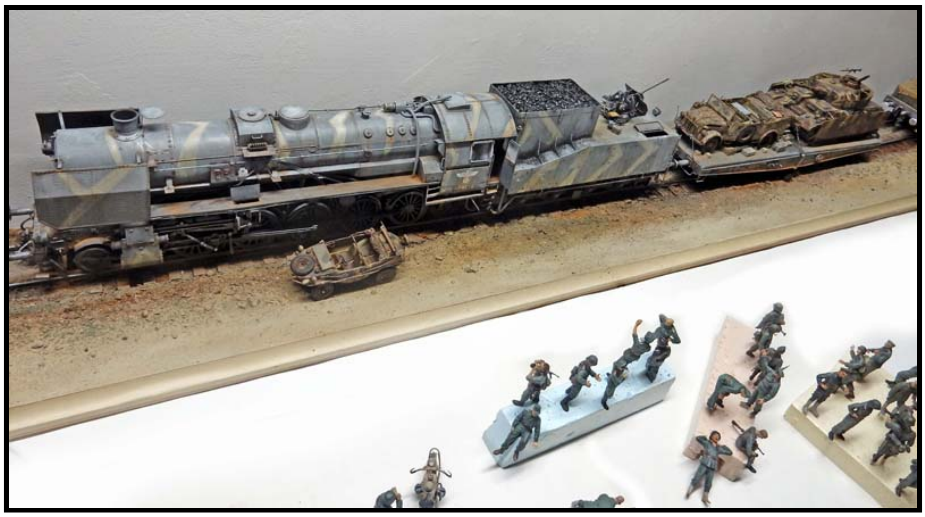




Painting Process - Acrylic Base...

Progression de la peinture - base acrylique...









A background painted with an acrylic brush is attached behind the train...

Un fond peint au pinceau à l'acrylique est fixé derrière le convoi...




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