

March 2150 - 1/24 scale

04/11/2010 — Standard Techniques

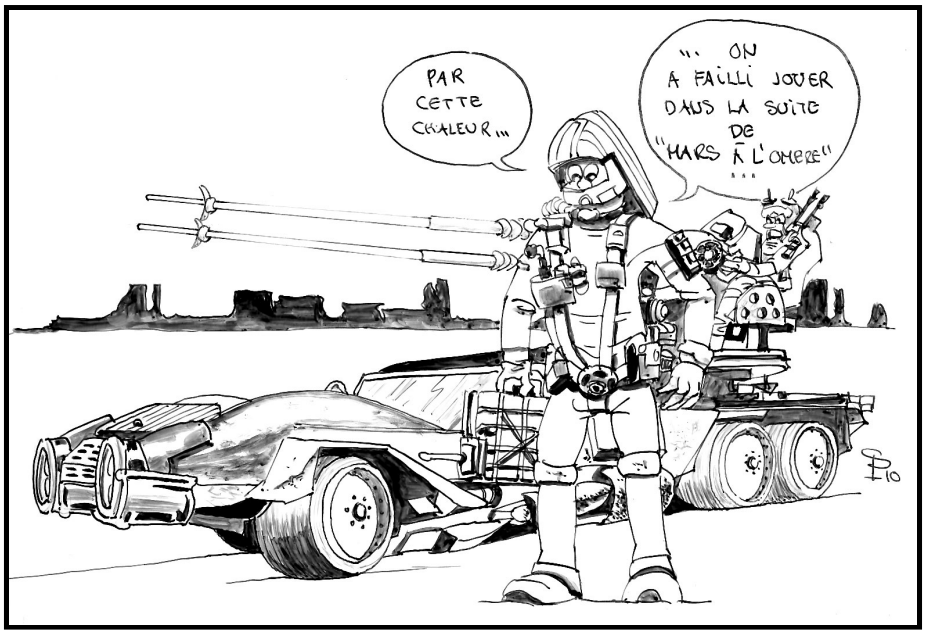


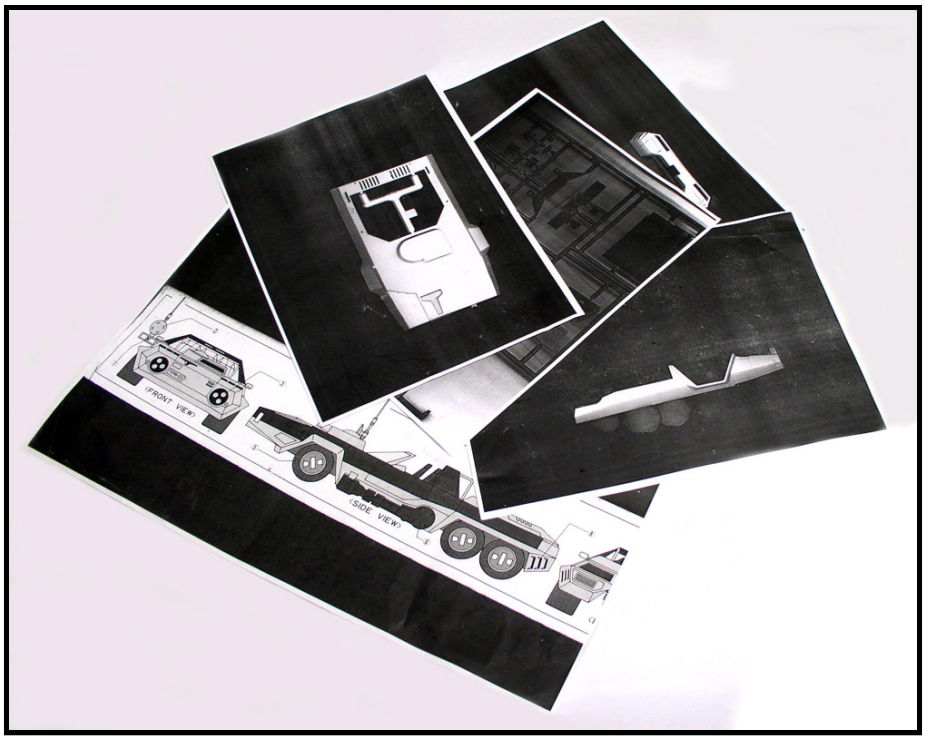
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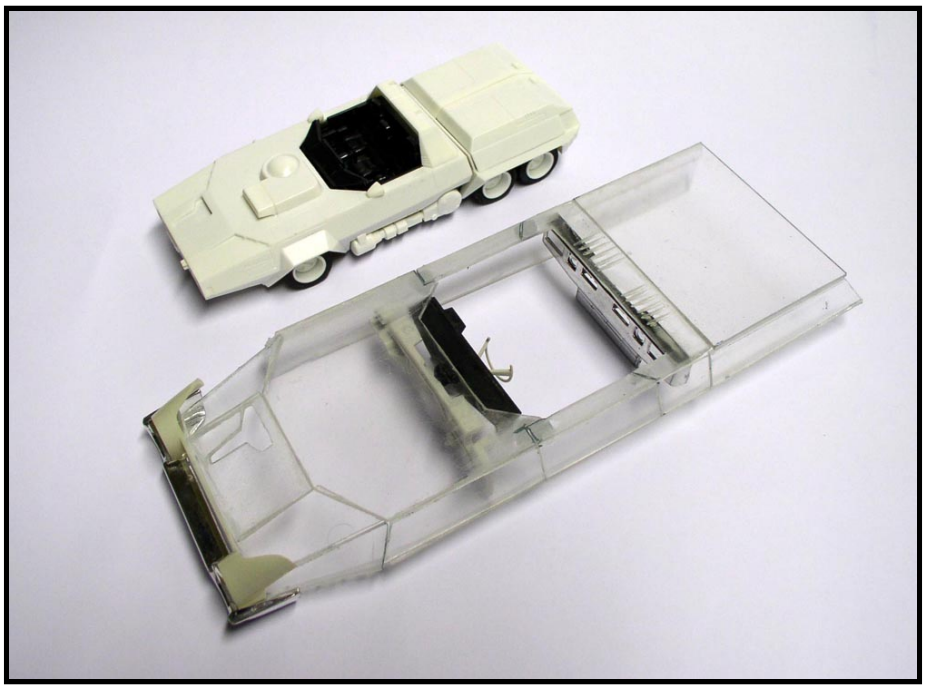
Ce modèle est inspiré d'un kit à l'échelle 1/48ème. Des photocopies de pièces agrandies à l'échelle 1/24ème serviront de plans pour la future maquette... La version à l'échelle 1/48ème avec, à côté, le début du montage du "scratch" à partir de carte plastique coupée en fonction des plans obtenus....



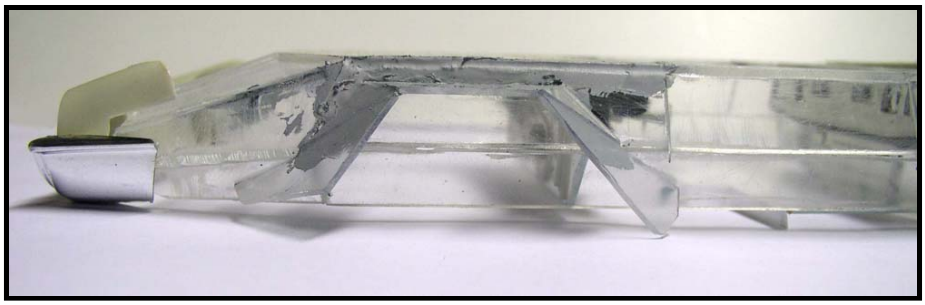




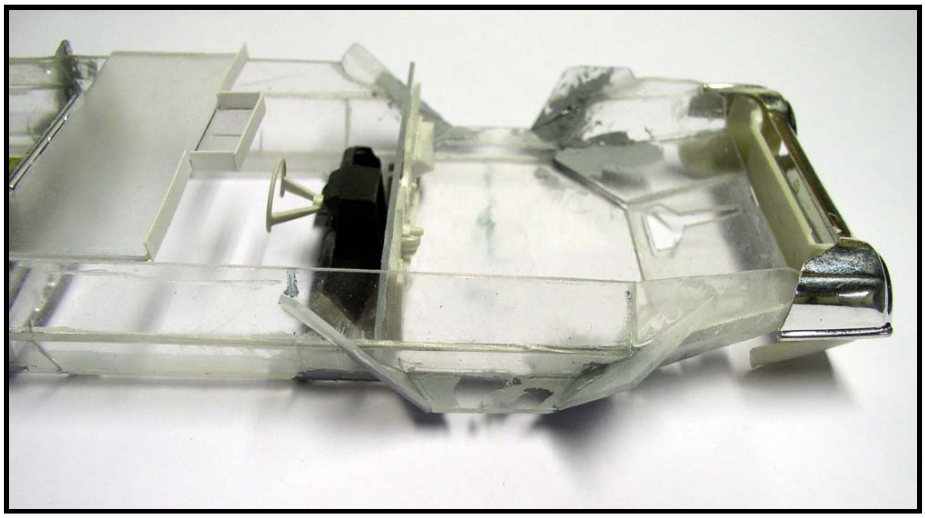
This model is based on a 1/48-scale kit. Photocopies of parts enlarged to 1/24 scale will serve as blueprints for the future model...



The 1/48-scale model, with, next to it, the start of the "scratch-built" assembly using plastic card cut according to the plans obtained...



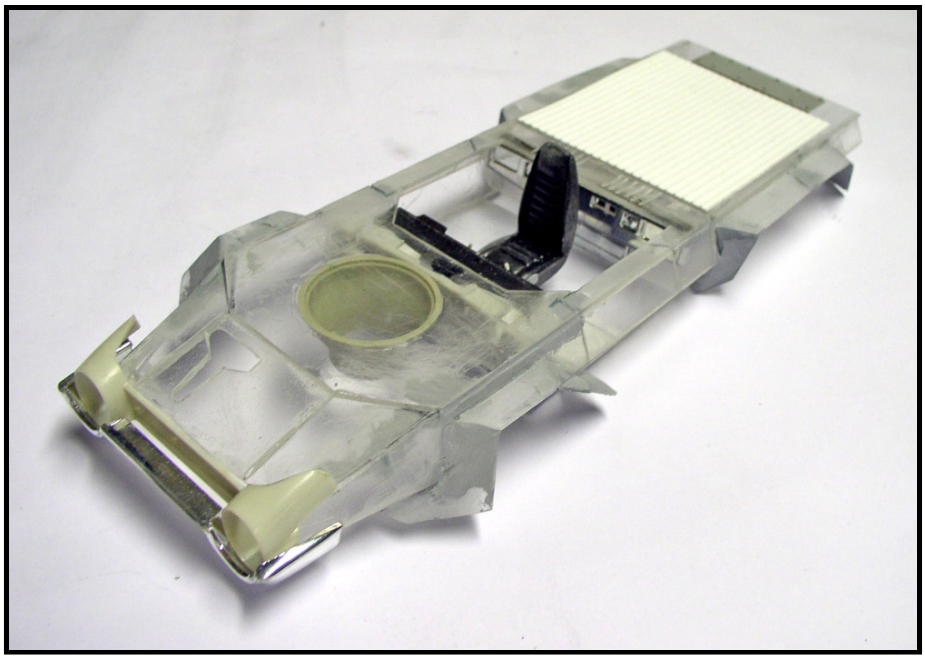
Making the front fenders and filling the gaps...



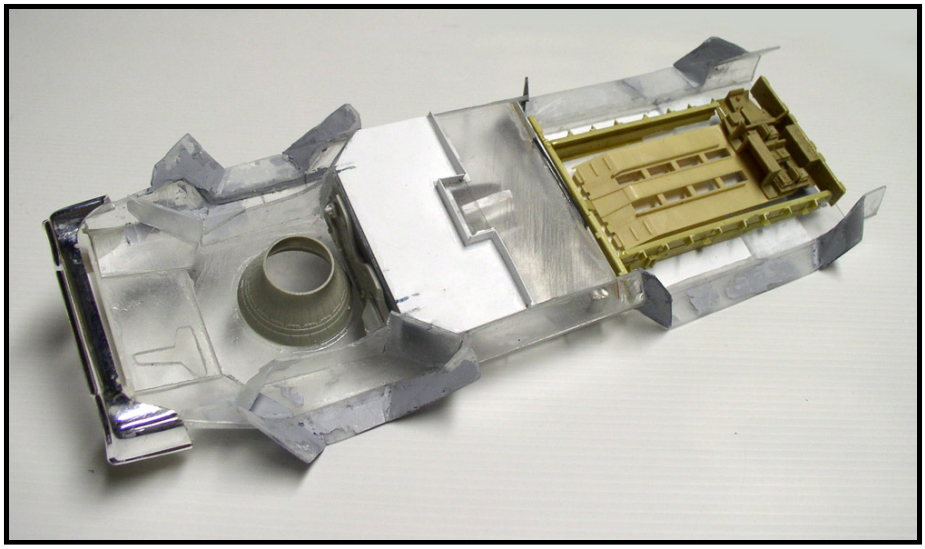
Another view...



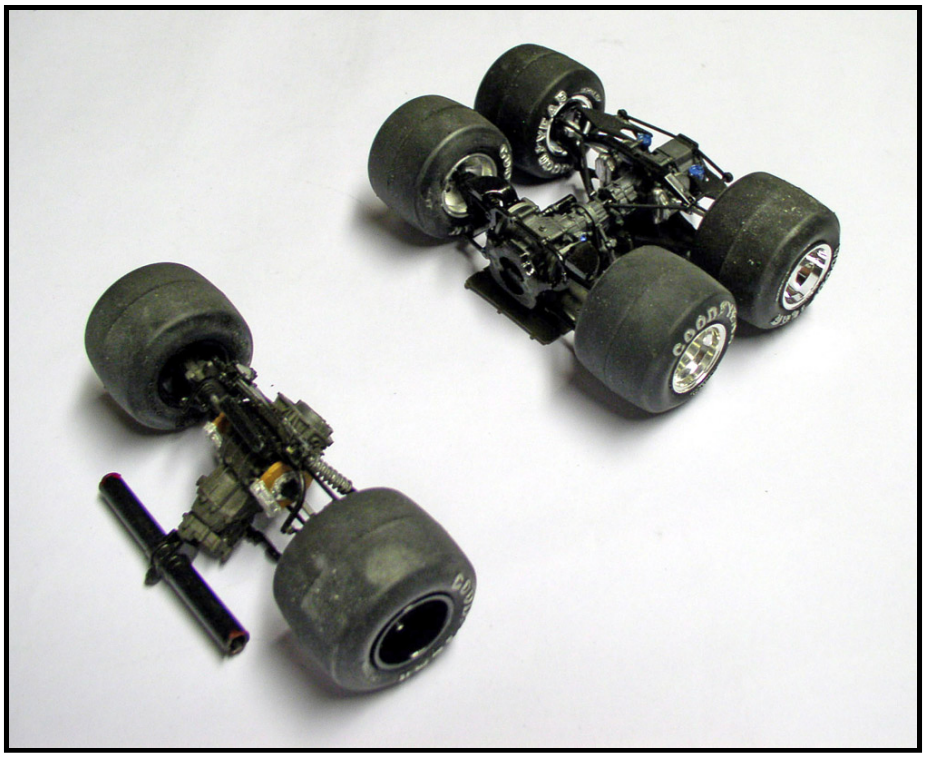
Installing the rear fenders...



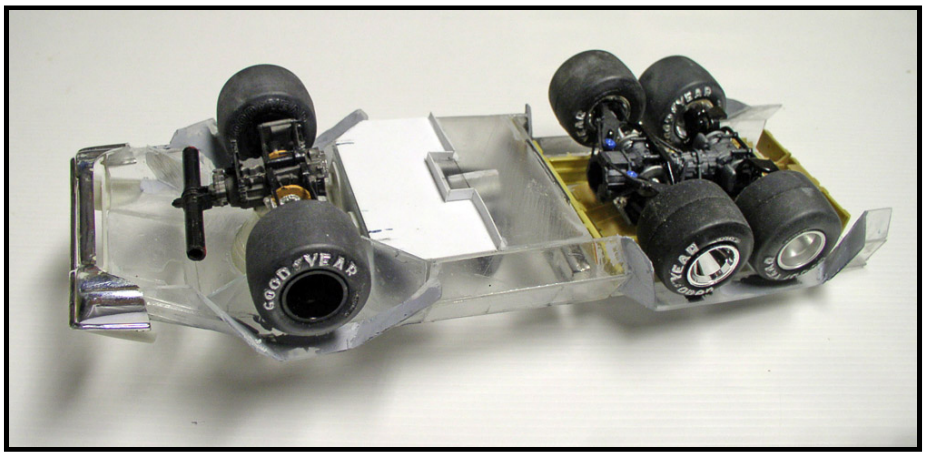
An overview of the wings in place... And here, I strayed from the original design when it came to the details, ultimately following my inspiration...



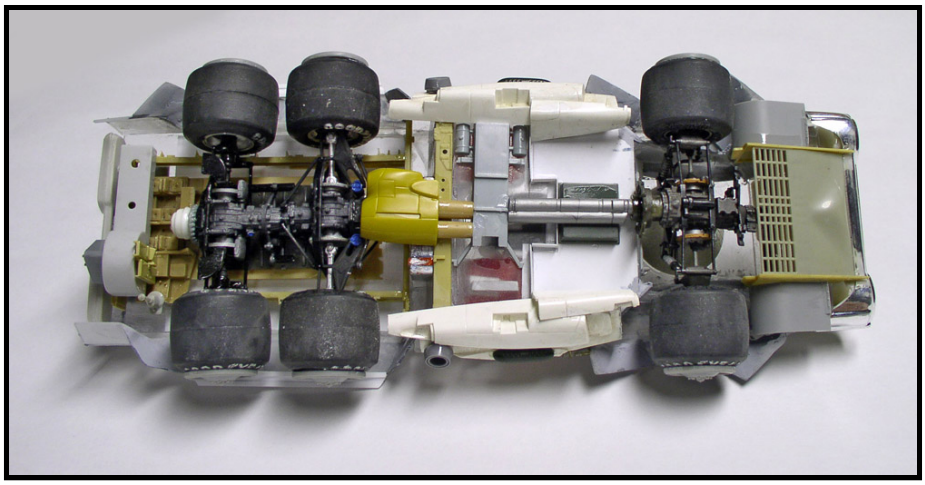
View from below: after adding a front bumper—a round part that will serve as the engine and secure the front axle—while at the rear, other parts will complete the assembly...



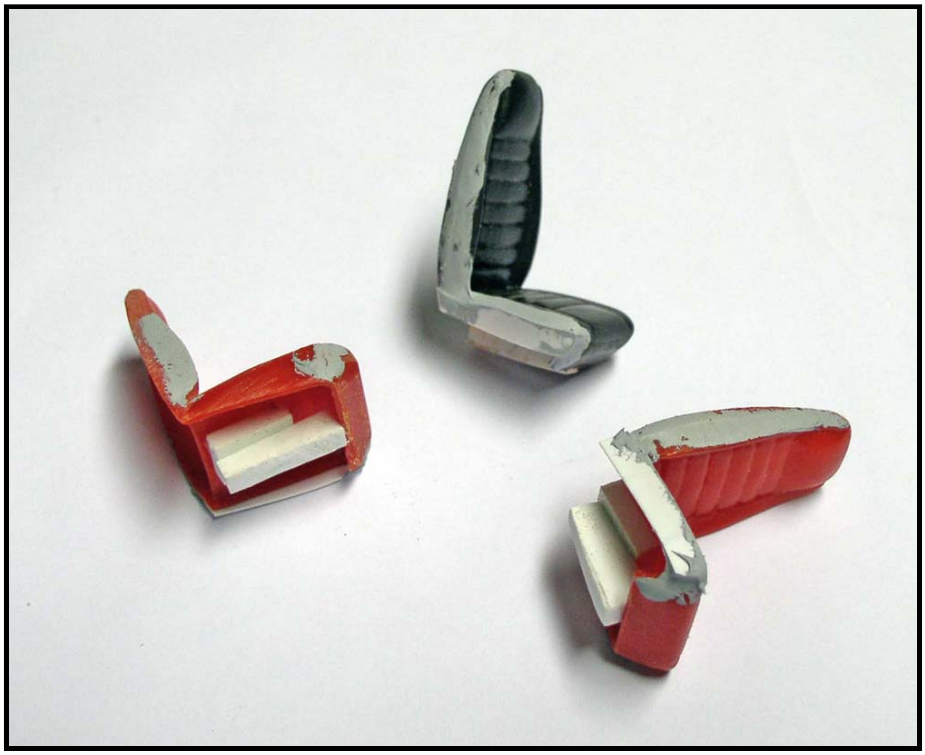
The wheels: On a 1/20 scale, these wheel assemblies—equipped with gearboxes—will be attached to the chassis. These flexible Formula I vinyl tires will be perfect for driving on Martian sand...



The axles secured in place...



The finished chassis, with parts from the surplus bin added...



The 1/48 scale kit includes three seats, including the driver's forward-mounted center seat. I kept the same layout for the cockpit... Car seats were slightly modified to fit the space...



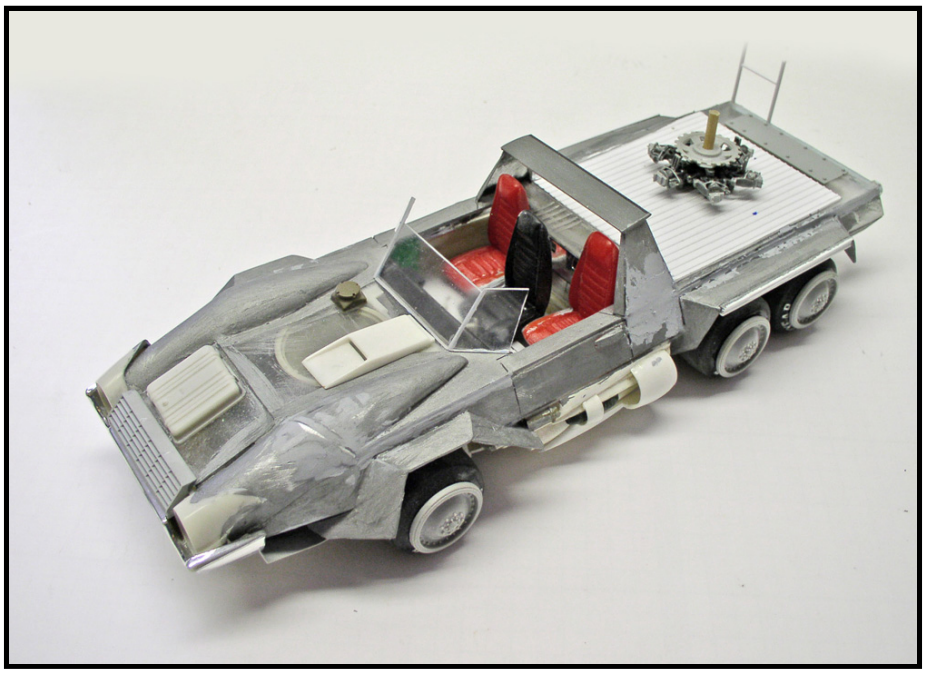
The seats in place for the simulation... The bodywork. The bumper and the new headlights called for a curved fender effect to achieve a more cohesive look... Half of an airplane fuel tank and some aluminum sheets will be perfect for achieving a consistent alignment...



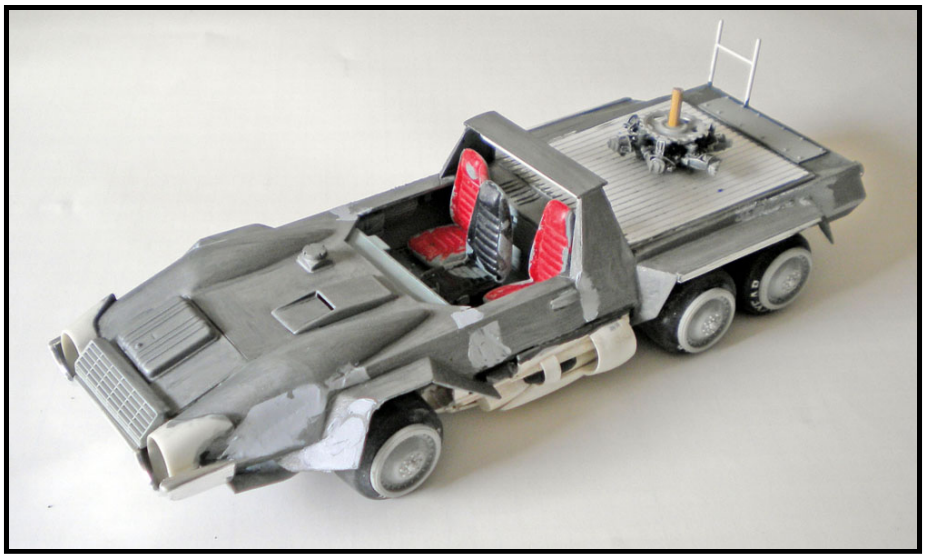
The floor of the aft deck, where the cannon will be installed, is finished with an Evergreen plastic sheet...



Another view of the body. A lot of sanding and filling will be required to remove the seams on the fenders and the curved sections...



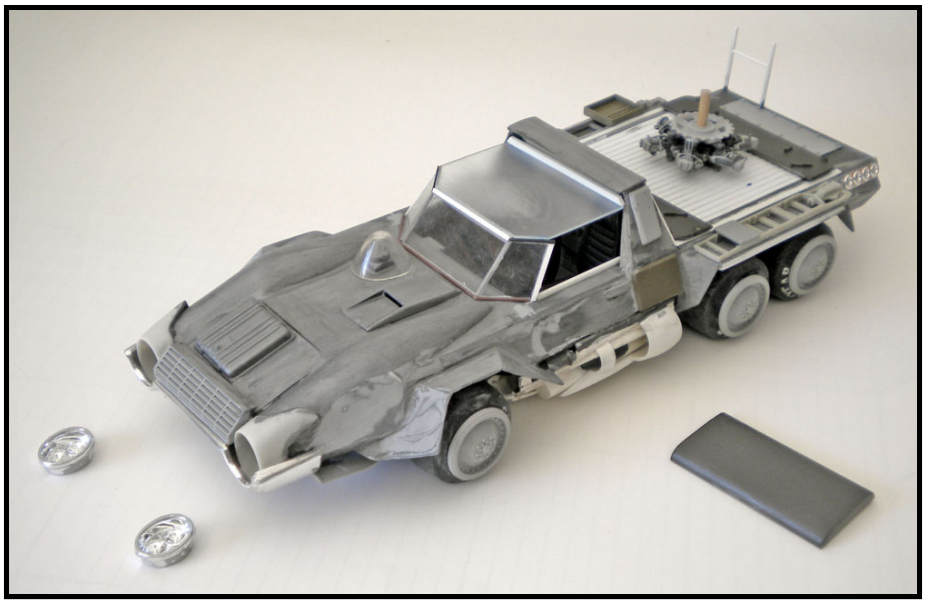
After sanding the front again, the barrel base is secured to the rear deck...



Time to sand again...

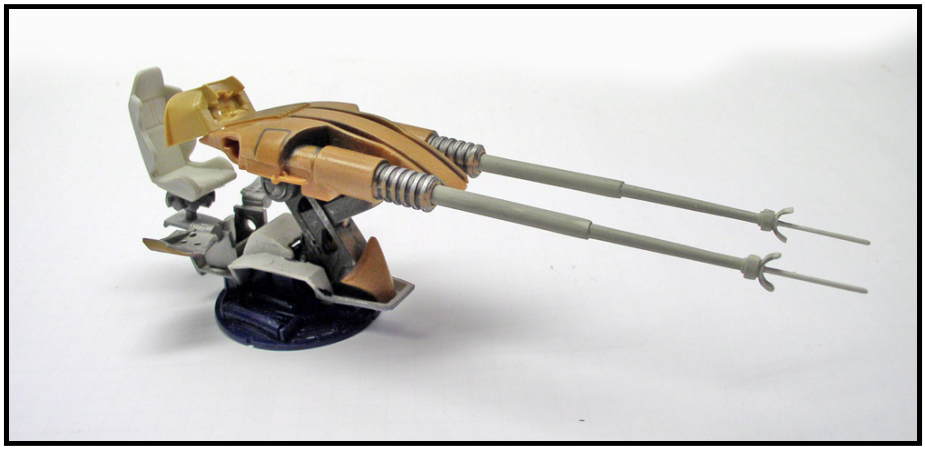


The scrap box—a must-have when you're "scratching"...

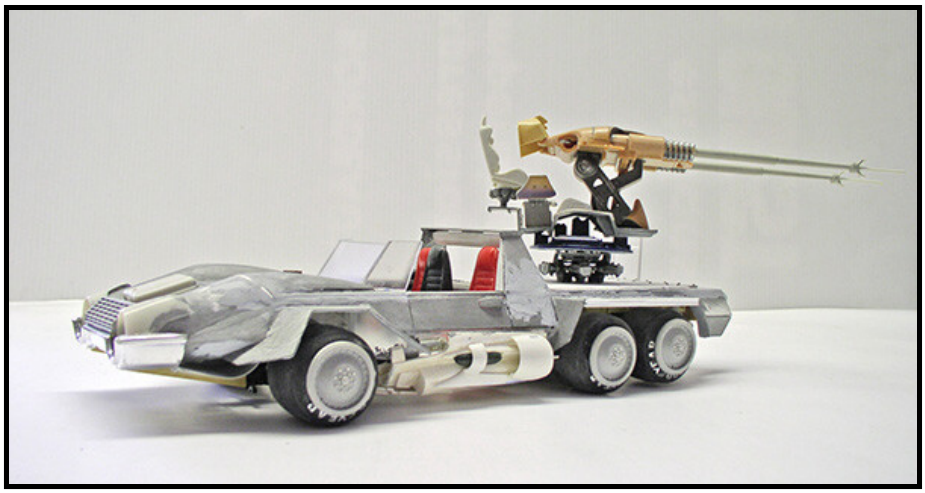


Re-sanding and re-installing the roof...

The Cannon



The cannon, first assembly. Star Wars fans will surely recognize some of the parts...

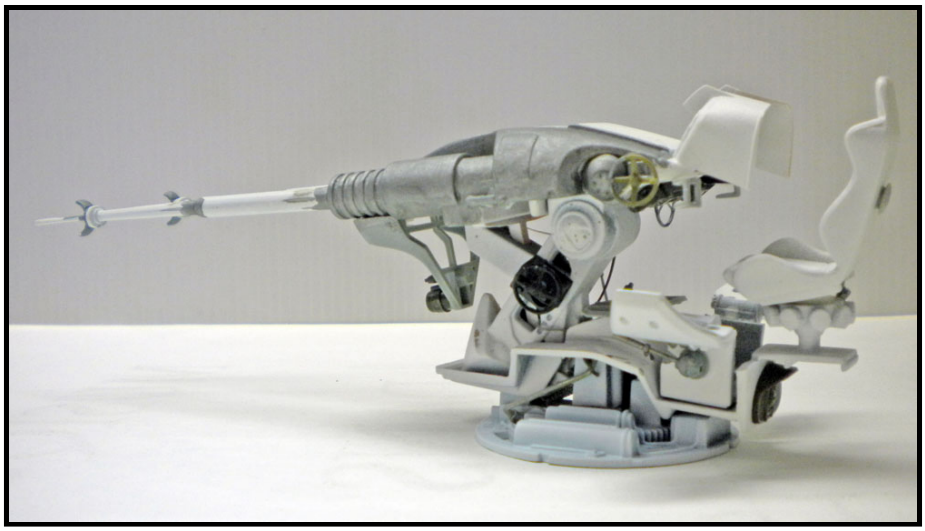


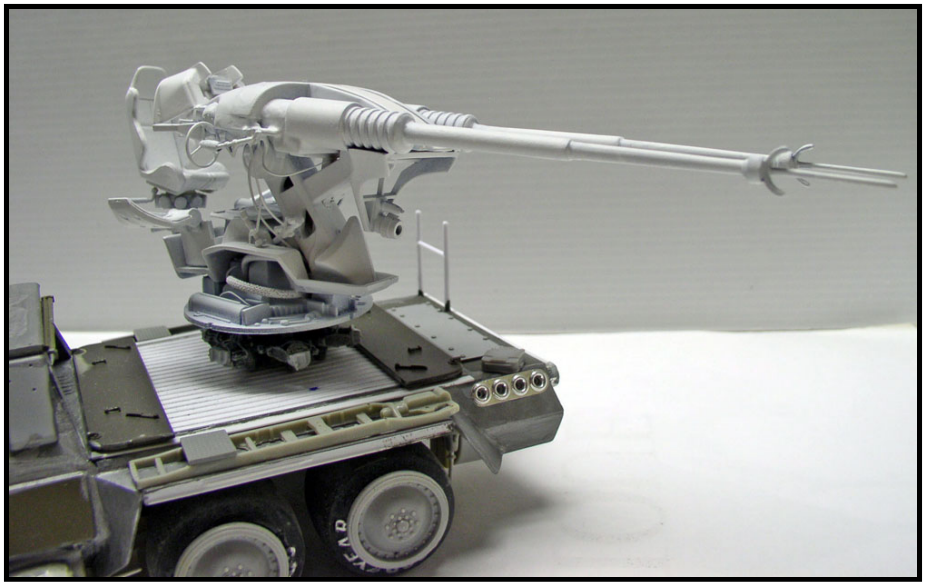
"Dry run" test on the vehicle...



Trimming the piece and sanding the joints...







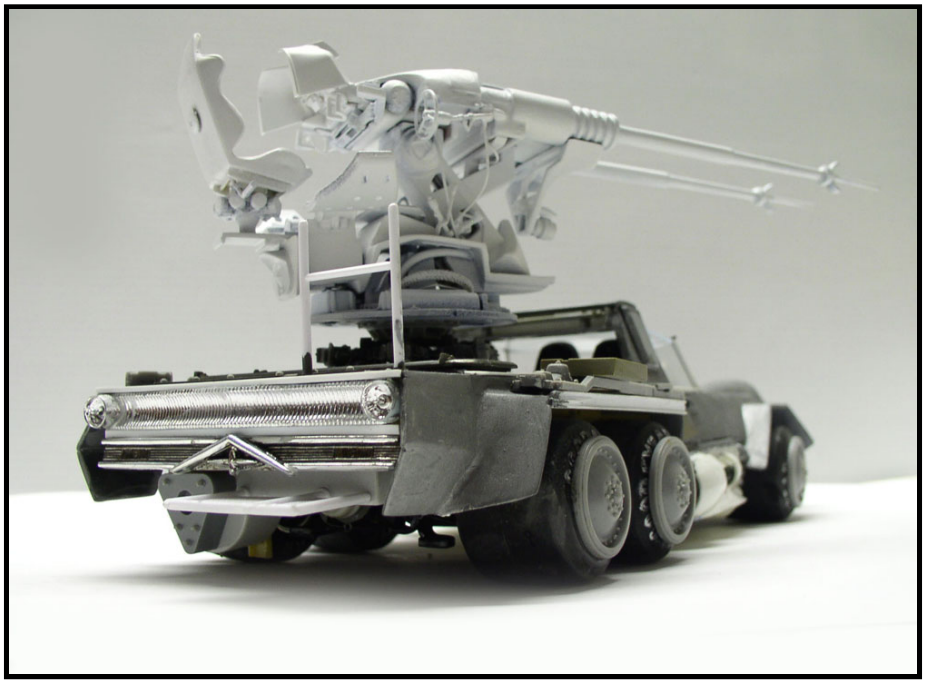
The finished barrel is given a coat of white primer...







Front view; after several rounds of sanding and filling... The seams should become invisible...



The rear end has been redesigned with a new grille and taillights...

The figurines

Unpainted figurine of a Martian soldier in space armor, featuring antennae and detai

Figurine of a cosmonaut in a white spacesuit with a red helmet, holding equipment; I

The miniatures: An Airfix "Harrier" pilot and an Italeri truck driver will serve as a gunner and an astronaut after some modifications and a few additional parts...



The model is then primed with white acrylic paint...



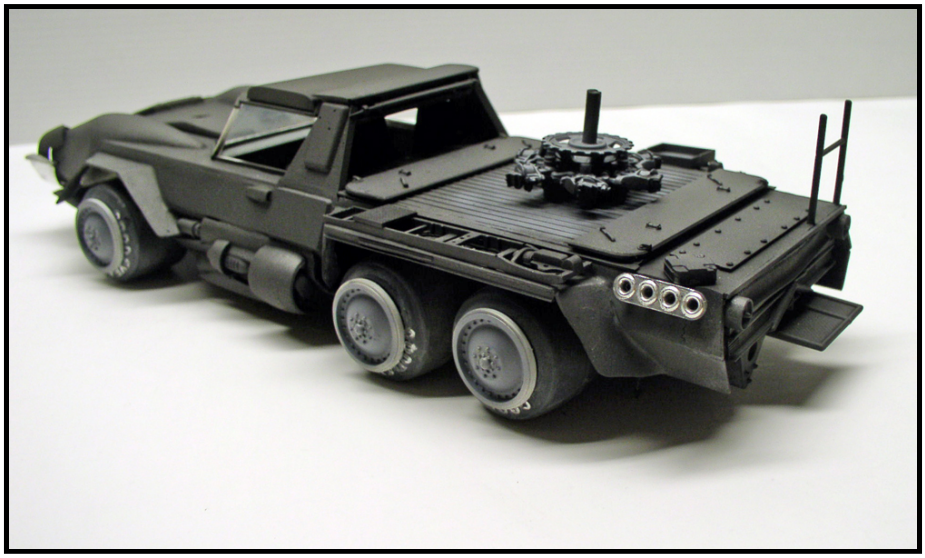
The figures are painted with Winsor & Newton oil paints for the faces and Humbrol for the rest of the equipment...

Painting

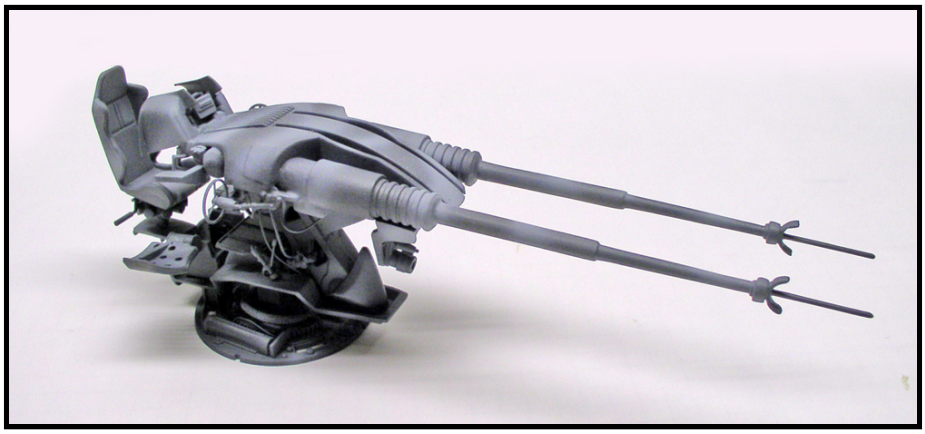


Base coat applied with an airbrush using Humbrol Black 33. Then a "light coat" of Model Master Chrom Trim Black...

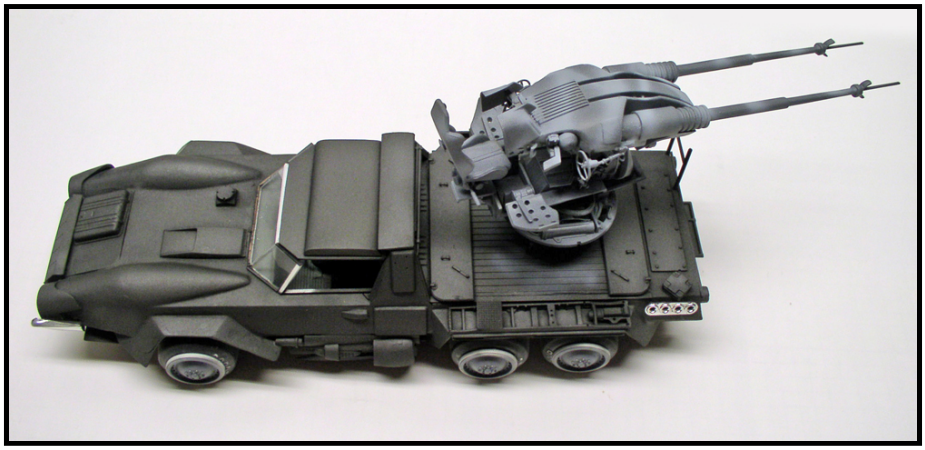




A look at the first layers...



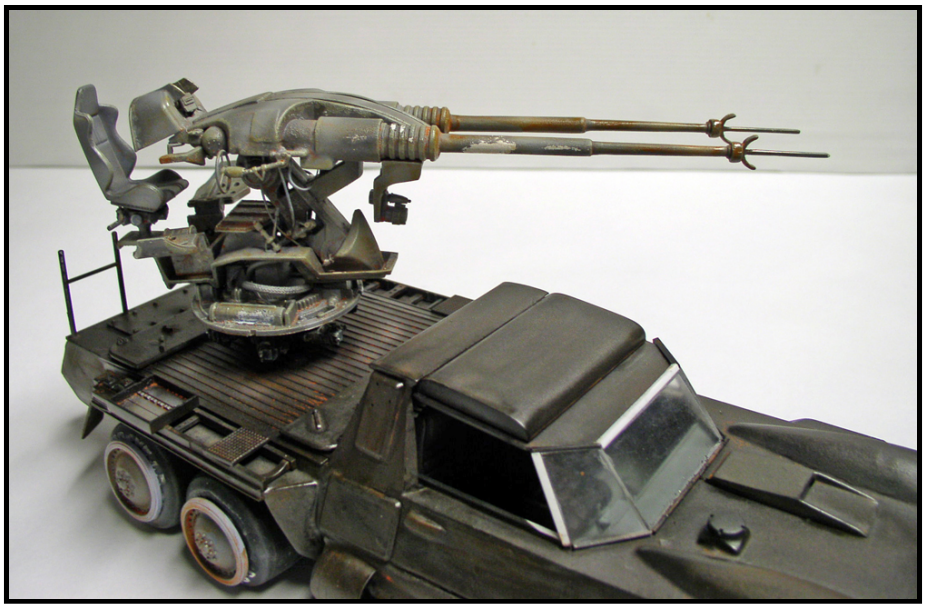
The barrel is spray-painted using Humbrol's Naval Gray, Phantom Gray, and HX5 Light Gray...



Top view...



The entire piece is given a wash of Humbrol 153 diluted with turpentine...



The model needs to dry for several days before the paint is finished...



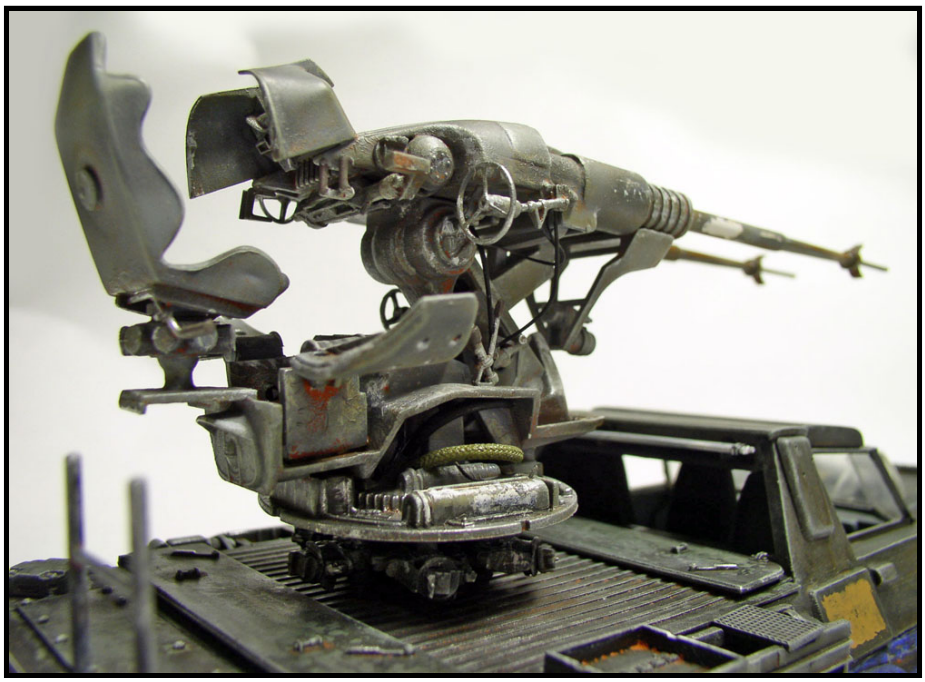
Several colors will be used for the paint chipping, the plates, and the vents: Humbrol 31, 87, 183, BLUE 14...











The bionic cannon, ready for action...

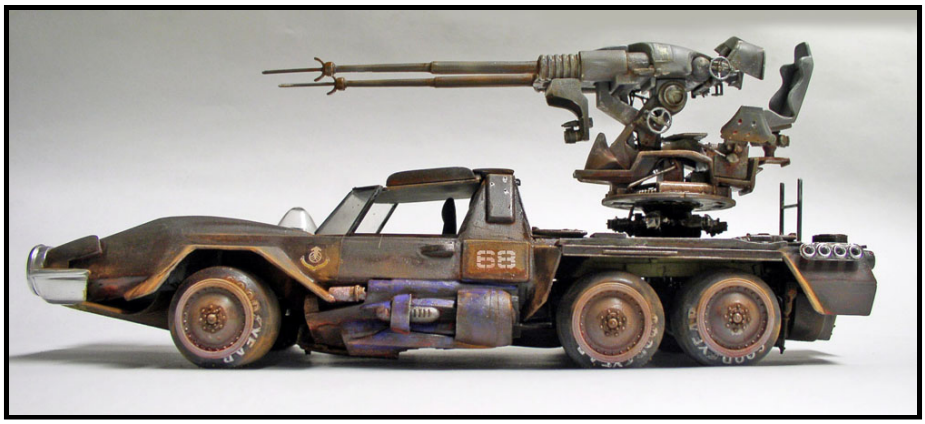
Patina

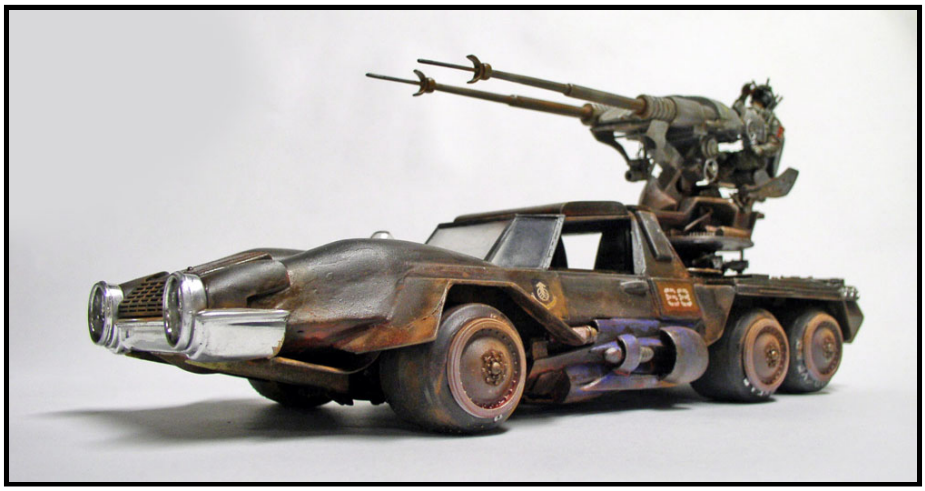


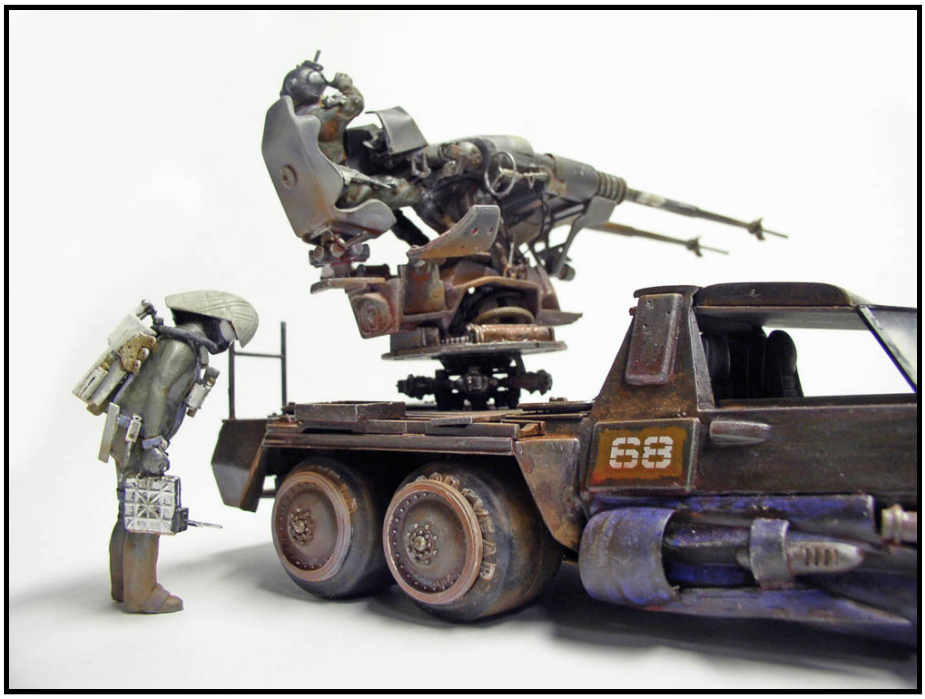
Some rust-colored pastel powder will provide the finishing touch and help it blend into the surroundings...

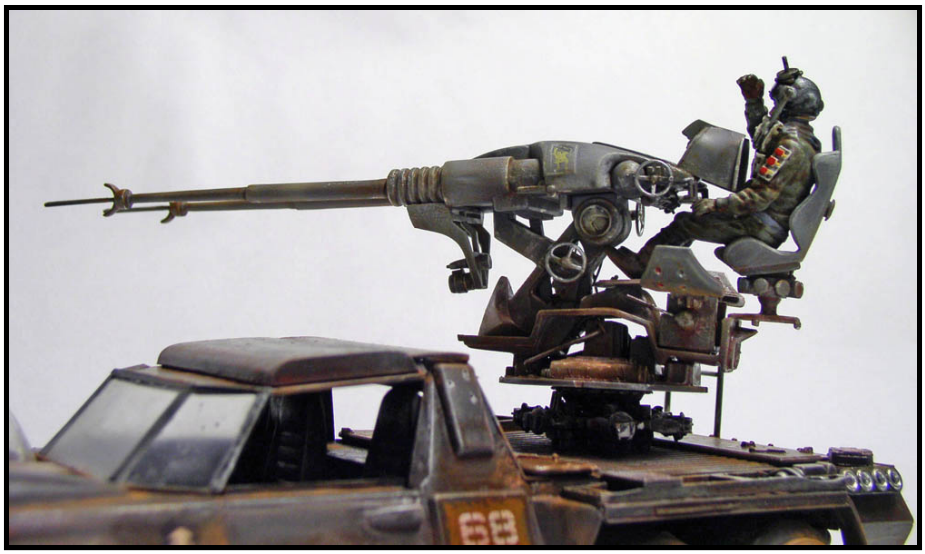


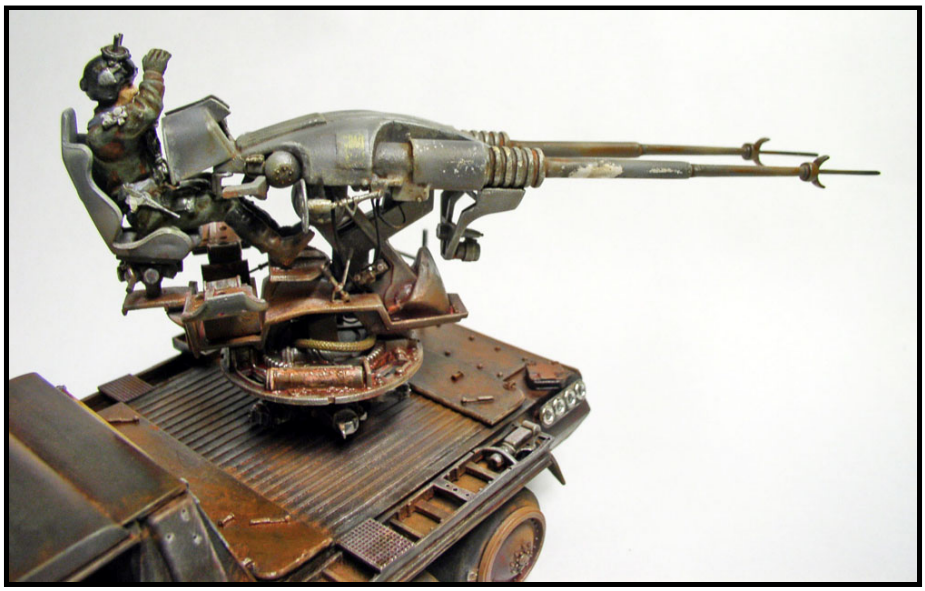
Details...

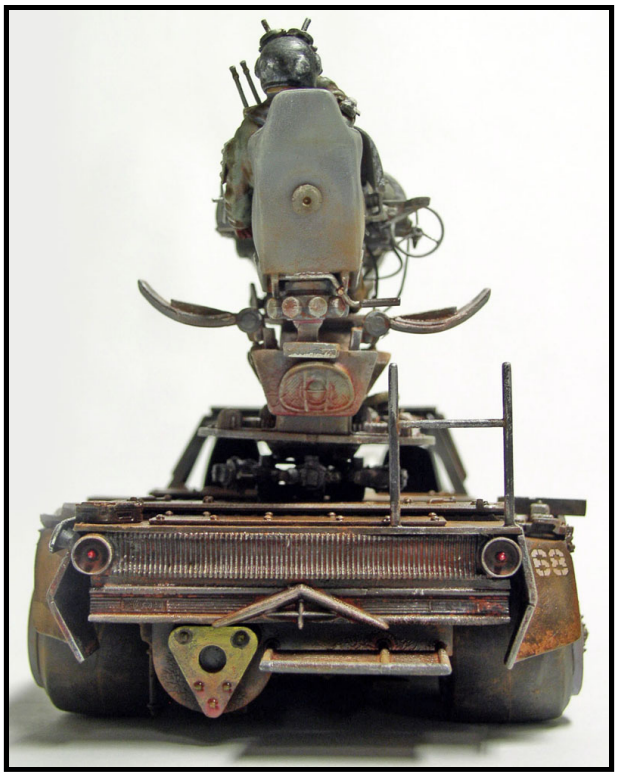

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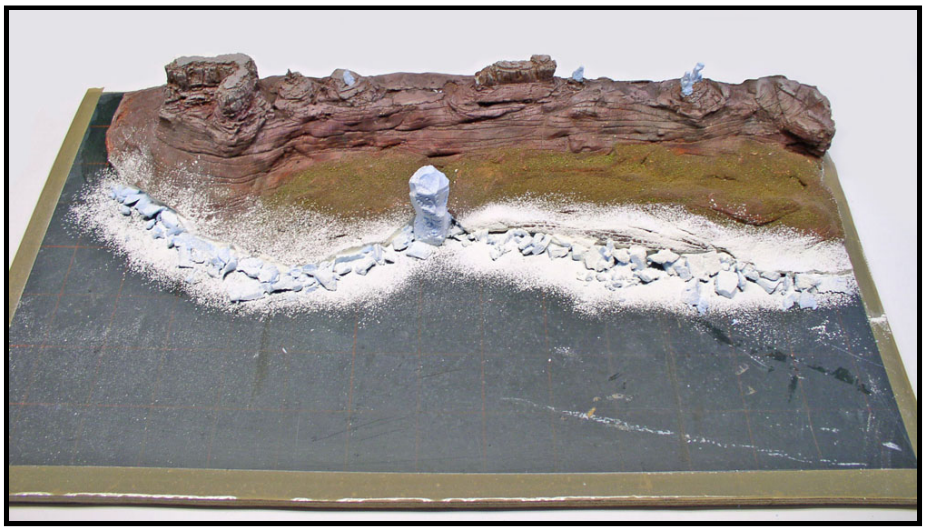

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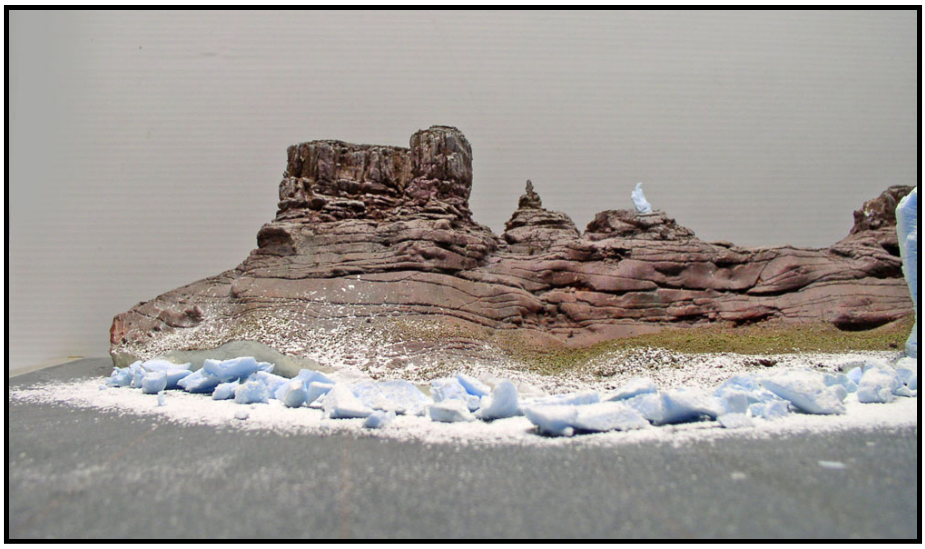




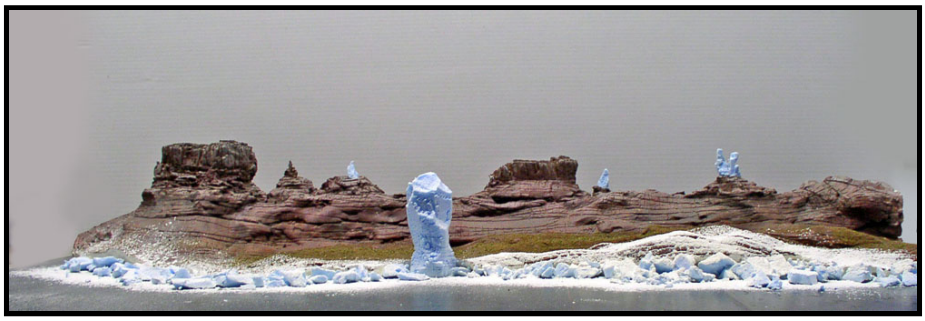
The Setting



A wooden panel measuring 0.74 m x 0.42 m will serve as the base. A piece of Monument Valley scenery salvaged from an old diorama will serve as the backdrop for the horizon...



The extruded polystyrene scenery has been improved. Rocks will serve as a link between the mountains and the ground...



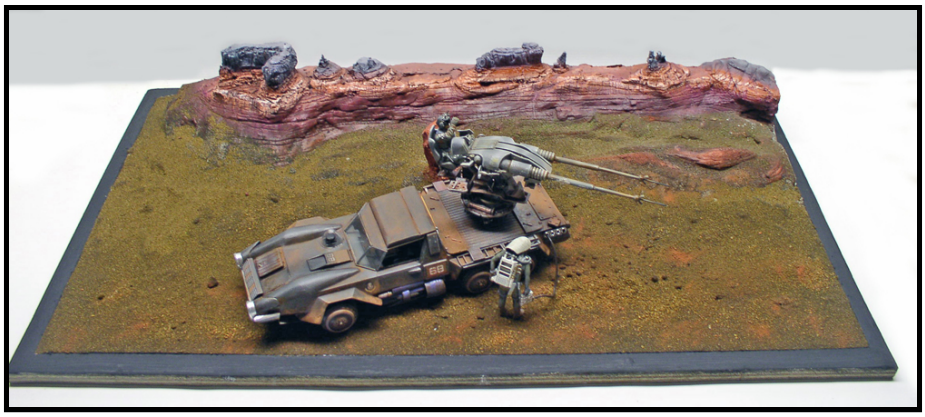
A view of the entire set...



The powdery ground is made from plaster and modeling clay. The rocks are repainted with acrylic paint...



The finished paintings...



March 2150 Diorama: Armored Gun-Mounted Vehicle and Dro d on Ochre Ground

The set will be touched up later, and a background painted with acrylic paint will be added...

Martian backdrop: layered rock cliff, ochre sand, and painted sky

Martian diorama featuring an armed vehicle and figures on reddish ground in front o

The two photos above: details of the set...

Martian diorama featuring a six-wheeled armored vehicle, an anti-aircraft gun, and fi



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