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Trumpeter TSM-1011

Trumpeter US MK23 MTVR (Medium Tactical Vehicle Replacement) Model Kit Instruction Manual

Model: TSM-1011

INTRODUCTION

This instruction manual provides detailed guidance for assembling the Trumpeter US MK23 MTVR (Medium Tactical Vehicle Replacement) 1/35 Scale model kit. This kit is designed for modelers aged 12 and up, with a skill level of 2, indicating it requires some experience in model building. The kit features over 430 parts, including a full drive train assembly, suspension, and rubber tires, offering a highly detailed replica of the military vehicle.

Please read all instructions carefully before beginning assembly to ensure a smooth and enjoyable building experience.

SETUP AND PREPARATION

Before starting assembly, ensure you have all necessary tools and a clean, well-lit workspace. This kit requires assembly, and paint and glue are not included.

Important Pre-Assembly Notes:

- Study and understand these instructions thoroughly before beginning assembly.
- When needed, remove photo-etch parts carefully using a modeling knife or photo-etch sprue cutter, being careful not to damage or lose small parts.
- Take extra care in handling photo-etch parts in order to avoid injury.
- Apply instant cement sparingly to photo-etch parts where instructed.

Recommended Tools (Not Included):

- Plastic and instant cements
- Sprue cutters/long nose pliers
- Modeling knife
- Small files

- Tweezers
- Pin vise & scissors
- Soft cloth and sandpaper



Image: Overview of assembly instructions, including recommended tools and symbols for various steps like weighting, gluing, making holes, cutting, and decal application.

ASSEMBLY INSTRUCTIONS

Follow the numbered steps in the provided diagrams. Each step illustrates the parts required and their placement. Refer to the parts diagram (not explicitly provided in images, but implied by kit) to identify components.

General Assembly Steps:

1. Carefully remove parts from the sprues using a sprue cutter or modeling knife.
2. Clean any excess plastic (flash) from the parts using a file or sandpaper.
3. Test fit parts before applying glue to ensure proper alignment.
4. Apply plastic cement sparingly to join plastic parts. For photo-etched parts, use instant cement.
5. Allow sufficient drying time for glue before proceeding to the next step.
6. Assemble sub-assemblies as indicated in the diagrams (e.g., chassis, cab, cargo bed, suspension).
7. Integrate the full drive train assembly and suspension components as detailed.

Decal Application:

- Cut decals from the sheet as needed.
- Dip the decal in warm water for about 10 seconds and then place on a soft, clean cloth.
- Hold the decal backing sheet edge and gently slide the decal onto the model in its proper position.
- While still wet, the decal can be adjusted for better fit on the model by dampening it gently with your finger.

- When the decal is in the proper position, gently press down with a soft cloth until excess water and air bubbles are gone.
- Allow the decal to dry completely before handling the model further.

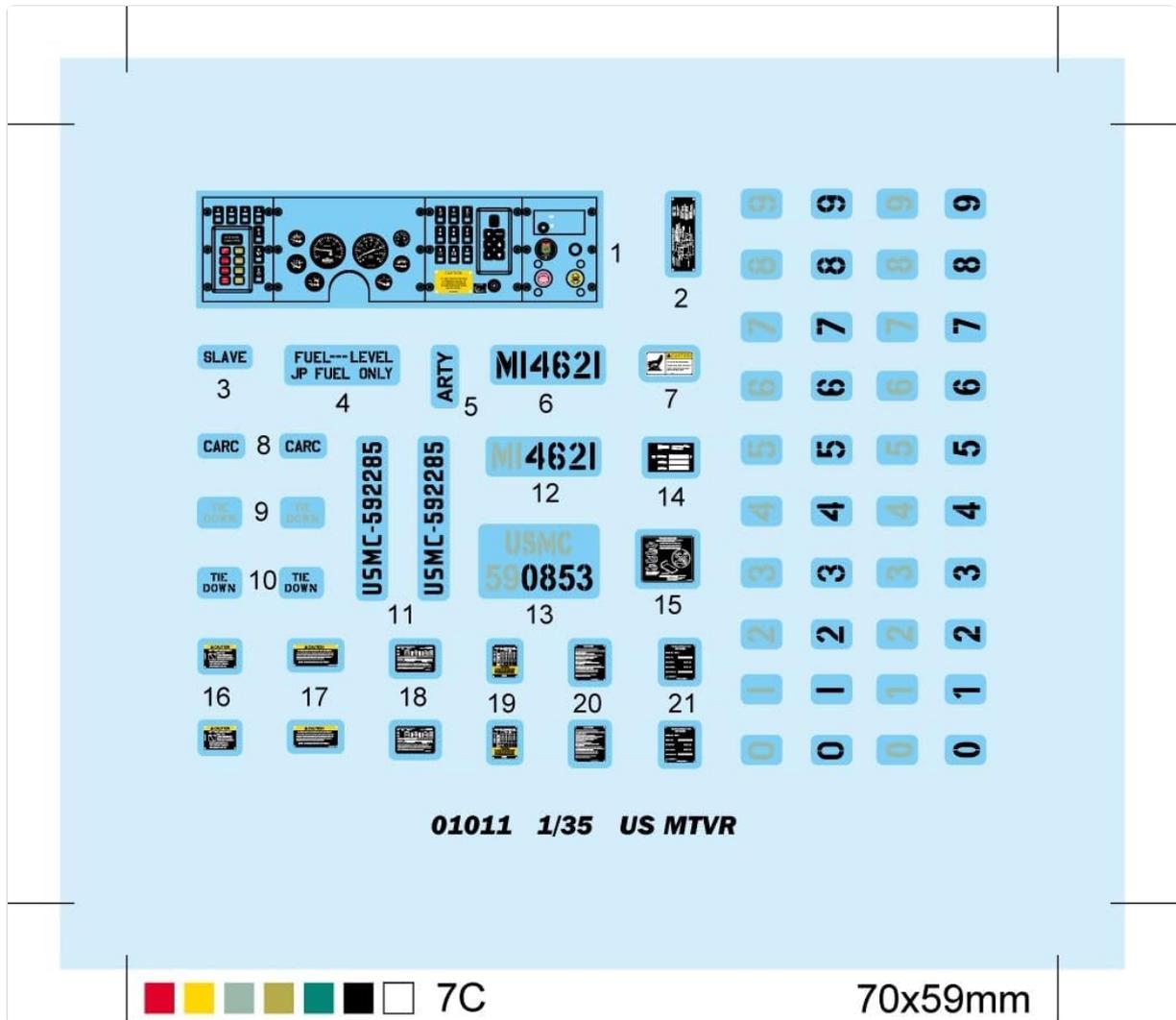


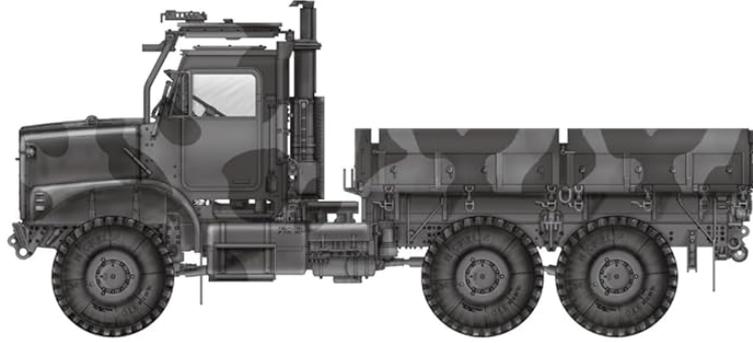
Image: Decal sheet with various markings, numbers, and vehicle identification for the US MK23 MTVR.

Painting and Marking Guide:

Refer to the painting and marking guides for recommended color schemes and decal placement. Color guides are typically provided for specific military camouflage patterns.

1/35 SCALE

ITEM NO.:01011



MK.23 MTRV Cargo Truck

美国MTRV军用卡车

READ BEFORE ASSEMBLY:

- Study and understand these instructions thoroughly before beginning assembly
- When needed, remove photo-etch parts carefully using a modeling knife or photo etch sprue cutter, being careful not to damage or lose small parts.
- Take extra care in handling photo etch parts in order to avoid injury
- Apply instant cement sparingly to photo etch parts where instructed
- Tools recommended(not included in kit):Plastic and instant cements, sprue cutters,long nose pliers,modeling knife, small files, tweezers, pin vise & scissors. Soft cloth and sandpaper will also assist in construction
- Glue and paint are not included in the kit. Use plastic cement and hobby paints only. Color guide for purchasing paint is included in the kit.

装配之前仔细阅读

- 小心用模型锉刀锉平所有零件表面的注射浇口。
- 小心用刀片切下蚀刻片零件，不要遗失小零件。
- 用强力快干胶水粘合蚀刻片零件和金属轴。过量快干胶水使用可能导致可动零件会粘住，小心涂胶。
- 取蚀刻片时应特别注意安全，防止利边划伤手指。
- 某些零件表面需贴水上贴纸，请选择在装配的同时进行。
- 推荐模型工具(自备)：胶水，水口剪刀，长咀钳，刀片，锉刀，镊子，钳，钻，剪刀，瞬间快干胶。
- 软布同砂纸同时也应该是必备工具。
- 请使用塑料胶水和油漆，模型内不含。



配重
Weight



使用强力胶
Cyanoacrylate glue



钻孔
Make hole



切除
Cut / Remove



贴纸
Decal



锉平
File / Sand



选择
Option



不涂胶水
No cement



弯曲
Bend

水贴纸的使用:

- 1.从水贴上剪下印花;
- 2.将印花放入温水中浸10秒，然后放在干净布上。
- 3.拿着印花纸板将印花移到模型上;
- 4.手指蘸水将印花移到适当的位置;
- 5.用软布轻压印花直至水干，气泡消失

DECAL APPLICATION

- 1.Cut decals from sheet as needed
- 2.Dip the decal in warm water for about 10 seconds and then place on soft clean cloth.
- 3.Hold the decal backing sheet edge and gently slide the decal onto the model in its proper position.

- 4.While still wet,decal can be adjusted for better fit on model by dampening it gently with your finger.
- 5.When placed in the proper position,gently press decal down with a soft cloth until excess water and air bubbles are gone.
- 6.Allow decal to dry completely before handling model

01011

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Image: Painting and Marking Guide B, illustrating a desert tan color scheme for the US MK23 MTRV Cargo Truck, with color references.

The following images show examples of a completed model, demonstrating the level of detail and potential finishes.



Image: A fully assembled Trumpeter US MK23 MTVR model in camouflage, depicted towing an artillery piece.



Image: Front three-quarter view of a completed Trumpeter US MK23 MTVR model kit, painted in a desert tan scheme.



Image: Detailed view of the cab roof and turret assembly on the completed US MK23 MTVR model.



Image: Detailed view of the hood, front grille, and headlight assembly on the completed US MK23 MTVR model.



Image: Rear view showcasing the cargo bed interior and chassis details of the completed US MK23 MTVR model.

MAINTENANCE AND CARE

Once assembled and painted, your model kit requires minimal maintenance to preserve its appearance.

- **Cleaning:** Dust your model regularly with a soft, dry brush or a gentle air blower. Avoid using water or chemical cleaners, as these can damage paint and decals.
- **Display:** Display your model in a stable, dust-free environment away from direct sunlight, which can cause fading over time.
- **Handling:** Handle the model carefully, grasping it by sturdy sections to avoid breaking delicate parts.

TROUBLESHOOTING COMMON ISSUES

- **Parts Not Fitting:** If parts do not fit together smoothly, check for excess plastic (flash) on the edges and carefully trim or sand it away. Ensure you are using the correct parts for the step.
- **Decals Not Adhering:** Ensure the surface is clean and smooth. A gloss coat applied before decals can help adhesion. Use decal setting solutions if necessary to help decals conform to irregular surfaces.
- **Glue Marks:** Apply glue sparingly. If excess glue appears, try to wipe it away immediately with a cotton swab dampened with appropriate solvent (for plastic cement) or carefully scrape it off once dry (for instant cement).
- **Broken Small Parts:** Small parts can be reattached using a tiny amount of instant cement. For very delicate repairs, consider reinforcing with a small piece of wire if feasible.

PRODUCT SPECIFICATIONS

Brand	Trumpeter
Model Name	US MK23 MTVR (Medium Tactical Vehicle Replacement)
Model Number	TSM-1011
Scale	1/35 Scale
Number of Parts	Over 430

Material	Plastic, Brass (photo-etched parts)
Recommended Age	12 years and up
Skill Level	2 (Assembly Required)
Product Dimensions	15 x 9 x 3 inches (Box dimensions)
Item Weight	1.36 pounds (Kit weight)
Special Features	High level of detail, multi-directional slide-molded cab, full drive train assembly, suspension, rubber tires.