

TAMIYA 32590

Tamiya 32590 1/48 JGSDF Light Armored Vehicle Plastic Model Kit Instruction Manual

PRODUCT OVERVIEW

This document provides assembly instructions and operational guidelines for the Tamiya 32590 1/48 JGSDF Light Armored Vehicle Plastic Model Kit. This highly accurate static display model is a replica of the modern 4x4 light armored vehicle manufactured for the Japan Ground Self-Defense Force (JGSDF) by Komatsu. First delivered to units in 2002, this vehicle significantly upgraded defensive capabilities and can be transported by helicopter or aircraft, enhancing JGSDF mobility. It can be fitted with various armaments, including a 5.56mm machine gun, a 12.7mm machine gun, or anti-tank weapons. This model recreates the version updated based on experience gained during the JGSDF's Iraq Humanitarian Assistance operation.



Figure 1: Assembled Tamiya 1/48 JGSDF Light Armored Vehicle model.

SAFETY INFORMATION

This model kit contains small parts and is not suitable for children. Keep all components, especially small parts, out of reach of young children to prevent choking hazards. Always use tools and adhesives in a well-ventilated area. Read all instructions and warnings on paints and glues before use.

WHAT'S IN THE BOX

The Tamiya 32590 1/48 JGSDF Light Armored Vehicle Plastic Model Kit includes the following components:

- Tamiya 32590 1/48 JGSDF Light Armored Vehicle Plastic Model Kit parts

Additional items required for assembly (not included): plastic cement, hobby knife, plastic nippers, model paints, and brushes.



Figure 2: Packaging for the Tamiya 32590 model kit, showing the vehicle on the front.

ASSEMBLY INSTRUCTIONS

Detailed assembly instructions are provided within the model kit packaging. Please follow these instructions carefully, step-by-step, for optimal results. It is recommended to read through the entire manual before beginning assembly.

1. **Preparation:** Carefully remove all parts from the sprues using a hobby knife or plastic nippers. Smooth any rough edges with sandpaper or a hobby file.
2. **Sub-Assembly:** Assemble smaller components and sub-assemblies as indicated in the instruction manual. Test fit parts before applying adhesive.
3. **Main Assembly:** Join the sub-assemblies to form the main structure of the vehicle. Ensure proper alignment and secure bonding.
4. **Painting:** Apply paint according to the color guide provided in the kit. Multiple thin coats are often better than one thick coat. Allow adequate drying time between coats.
5. **Decals:** Apply decals as per the instructions, using decal setting solutions if necessary for a

seamless finish.

6. **Final Details:** Attach any remaining small parts, such as antennas, mirrors, and weaponry.



Figure 3: Technical diagram illustrating various views of the vehicle for assembly reference.



Figure 4: Top-rear view of the model, showcasing the open hatch and weapon mount.



Figure 5: Example of a soldier figure, which may be included or sold separately to complement the model.

DISPLAY AND HANDLING

Once assembled, your Tamiya JGSDF Light Armored Vehicle model is intended for static display. Place the model on a stable, flat surface away from direct sunlight, excessive heat, or humidity to prevent damage or discoloration. Handle the model by its base or sturdy sections to avoid breaking delicate parts.



Figure 6: Rear view of the assembled model, showing license plate and rear details.



Figure 7: Detailed view of the model's wheel and tire.



Figure 8: Underside view of the model, showing chassis details.

MAINTENANCE

To maintain the appearance of your model, regularly dust it with a soft, dry brush or a can of compressed air. Avoid using water, cleaning solutions, or abrasive materials, as these can damage the paint or plastic. Store the model in a dust-free environment when not on display.

TROUBLESHOOTING

- **Parts not fitting:** Ensure you are using the correct parts for the step. Check for any excess plastic (flash) on the parts and carefully trim it away. Verify the orientation of the parts.
- **Paint issues:** If paint is clumping or not adhering, ensure the surface is clean and dry. Thin paints appropriately and apply in multiple light coats. Allow sufficient drying time.
- **Missing parts:** Carefully check the sprues and packaging for any small parts that may have detached. If a part is genuinely missing, refer to the support section for assistance.

SPECIFICATIONS

Feature	Detail
Brand Name	TAMIYA
Model Name	1/48 JGSDF Light Armored Vehicle Plastic Model Kit

Feature	Detail
Model Number	TAM32590
Scale	1:48 Scale
Is Assembly Required	Yes
Included Components	Tamiya 32590 1/48 JGSDF Light Armored Vehicle Plastic Model Kit parts
Material Type	Plastic
Educational Objective	Enhance fine motor skills, patience, and historical understanding

SUPPORT

For further assistance, missing parts, or specific inquiries regarding your Tamiya model kit, please contact Tamiya customer support. Refer to the contact information provided in your kit's packaging or visit the official Tamiya website for regional support details.