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tamiya 19410

Tamiya 1/32 Scale JR Fighter Magnum VFX [19410] Model Construction Kit Instruction Manual

Model: 19410 | Brand: Tamiya

INTRODUCTION

This instruction manual provides detailed guidance for assembling and maintaining your Tamiya 1/32 Scale JR Fighter Magnum VFX Model Construction Kit. This kit allows enthusiasts to build a detailed 1:32 scale vehicle model, designed for both display and racing on compatible tracks. Please read all instructions carefully before beginning assembly.



Image: The fully assembled Tamiya JR Fighter Magnum VFX model, featuring its distinctive red, white, and blue color scheme and yellow wheels. This image represents the final product after successful assembly.

SETUP AND ASSEMBLY

Before starting assembly, ensure you have all necessary components and tools. This kit requires assembly and does not include a motor or batteries, which must be purchased separately.

Required Tools and Additional Items:

- Small Phillips head screwdriver
- Hobby knife or plastic nippers for part removal
- Plastic cement (optional, for stronger bonds)
- AA batteries (2x, not included)
- Mini 4WD motor (not included)

Assembly Steps:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify all parts are present according to the included parts list.
2. **Prepare Chassis:** Assemble the chassis components as per the detailed diagrams in the included paper manual. Ensure all gears and axles are correctly aligned for smooth operation.
3. **Install Motor:** Insert the Mini 4WD motor into its designated slot in the chassis. Ensure it is securely seated and makes proper contact with the terminals.
4. **Attach Wheels and Tires:** Mount the wheels onto the axles and secure them. Fit the rubber tires onto the wheels.
5. **Assemble Body:** Construct the body shell of the Fighter Magnum VFX. Pay attention to the alignment of the aerodynamic features.
6. **Apply Decals:** Carefully apply the provided decals to the body shell according to the reference images. Use tweezers for precise placement.
7. **Install Batteries:** Once assembly is complete, insert two AA batteries into the battery compartment. Ensure correct polarity.
8. **Final Check:** Before operation, inspect all connections and moving parts to ensure they are secure and move freely.

OPERATING INSTRUCTIONS

The Tamiya JR Fighter Magnum VFX is designed for use on Mini 4WD race tracks or flat, smooth surfaces. It is not a remote-controlled vehicle.

- **Power On:** Locate the power switch on the chassis (typically on the underside or side). Slide the switch to the "ON" position to activate the motor.
- **Placement:** Place the assembled model on a suitable track or flat surface.
- **Operation:** The model will move forward under its own power. Its direction is determined by the chassis and wheel alignment.
- **Power Off:** To stop the model, slide the power switch to the "OFF" position.

Note: For optimal performance, ensure the track surface is clean and free of debris. Avoid operating the model on uneven or rough terrain, which can damage the chassis or motor.

MAINTENANCE

Regular maintenance will ensure the longevity and performance of your Tamiya model.

- **Cleaning:** After each use, gently wipe down the model with a soft, dry cloth to remove dust and debris. Avoid using water or chemical cleaners directly on electronic components.
- **Gear Inspection:** Periodically check the gears for wear or damage. Replace any worn gears to maintain smooth power transmission.
- **Axle Lubrication:** Apply a small amount of Tamiya grease or similar plastic-safe lubricant to the axles and gear shafts to reduce friction.
- **Battery Compartment:** If storing the model for an extended period, remove the batteries to prevent leakage and corrosion.
- **Wheel and Tire Check:** Ensure wheels are securely attached and tires are free from cracks or excessive wear.

TROUBLESHOOTING

If your model is not performing as expected, consult the following common issues and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Model does not move.	Batteries are dead or incorrectly installed. Power switch is OFF. Motor is not properly connected or faulty. Gears are jammed or misaligned.	Replace batteries or check polarity. Turn power switch ON. Check motor connections; replace motor if necessary. Inspect and realign gears.
Model moves slowly or erratically.	Low battery power. Friction in drivetrain (gears, axles). Debris caught in moving parts.	Replace batteries. Lubricate axles and gears. Clean out any debris.
Loud noise during operation.	Worn or damaged gears. Misaligned parts.	Inspect and replace worn gears. Check assembly for proper alignment.

SPECIFICATIONS

- **Model Name:** JR Fighter Magnum VFX
- **Model Number:** 19410
- **Brand:** Tamiya
- **Scale:** 1:32
- **Material:** Plastic
- **Dimensions (L x W x H):** 9.45 x 5.59 x 1.73 inches (240 x 142 x 44 mm)
- **Approximate Weight:** 4.96 - 5 ounces (140 - 142 grams)
- **Art Craft Kit Type:** Model Building
- **UPC:** 689752964916
- **Power Source:** 2x AA Batteries (not included)
- **Motor:** Mini 4WD Motor (not included)

WARRANTY AND SUPPORT

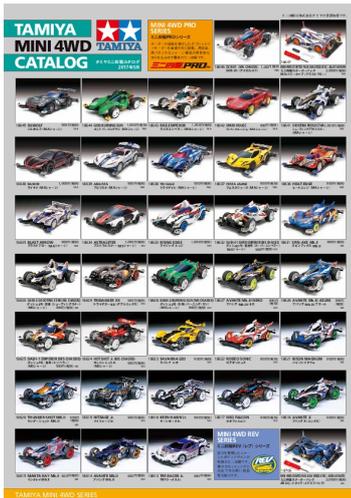
As a model construction kit, this product typically does not come with a direct manufacturer's warranty for assembled parts, as performance can vary based on assembly quality and usage. However, Tamiya is known for high-quality components.

For missing or defective parts upon initial unboxing, please contact the retailer where the kit was purchased. For general inquiries or technical assistance regarding Tamiya products, you may visit the official Tamiya website or consult hobby forums dedicated to Mini 4WD models.

Online Resources:

- [Official Tamiya Website](#)
- [Tamiya Mini 4WD FAQ \(USA\)](#)





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