

TAMIYA 14131

Tamiya 14131 1/12 Kawasaki Ninja H2R Plastic Model Kit Instruction Manual

INTRODUCTION

This manual provides detailed instructions for assembling the **Tamiya 14131 1/12 scale Kawasaki Ninja H2R plastic model kit**. This kit accurately recreates the hyper-powerful, track-only Ninja H2R motorcycle. The model features a detailed supercharged 998cc inline-4 engine and incorporates advanced electronic components for a realistic representation. Careful assembly is required to achieve the intended detail and finish.



Image: Fully assembled Tamiya 1/12 Kawasaki Ninja H2R model kit, showcasing its detailed design.

SETUP AND PREPARATION

Unpacking the Kit

Upon opening the box, verify all parts are present according to the parts list provided in the kit's instruction booklet. Handle delicate parts with care to prevent damage.



Image: Contents of the model kit box, including sprues, decals, and instruction manual.

Required Tools

The assembly of this model kit requires specific tools for optimal results. Ensure you have these items before beginning assembly:

Empfohlenes Werkzeug / Recommended Tools

Werkzeuge / Tools



Art. Nr.	Bezeichnung
300074003	Pinzette abgewinkelt
300074013	Cutter-Messer
300074031	Decal-Schere
300074035	Seitenschneider Spitz für Kunststoff
300087066	Pinset-Set "Basic"
300087031	Masking Tape 10mm mit Abroller
300087003	Plastikleber 40ml Tamiya
300087038	Plastikleber 40ml extradünn Tamiya
300087135	Mark Fit (Strong) Dekorweichmacher 40ml
300087193	Decal Adhesive Soft / Haftmittel 10ml

Klebstoffe / Cement:



Image: Chart displaying recommended tools such as tweezers, cutter knife, decal scissors, brush set, masking tape, plastic cement, and decal adhesive/softener.

- **Tweezers:** For handling small parts.
- **Cutter Knife:** For precise cutting and trimming.
- **Decal Scissors:** For cutting decals accurately.
- **Pinset-Set (Brush Set):** For painting details.
- **Masking Tape:** For masking areas during painting.
- **Plastic Cement:** For bonding plastic parts.
- **Decal Adhesive Soft/Haftmittel:** For applying and setting decals.

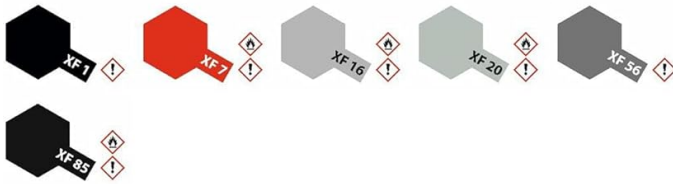
Recommended Paints

Achieving an accurate finish requires specific paint types and colors. Refer to the paint chart for recommended Tamiya XF-Acryl (flat), X-Acryl (gloss), and TS-Spray paints. Prepare your workspace with adequate ventilation for painting.

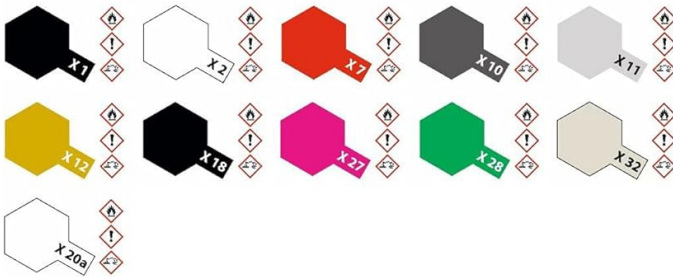


Benötigte Farben / Paints required

XF-Acryl Farben matt / XF-Acrylic Paints flat



X-Acryl Farben glänzend / X-Acrylic paints gloss, 23ml



TS-Sprühfarben für Kunststoffe / TS-Paint Spray for Plastics, 100ml



Art. Nr.	Bezeichnung
300081301	XF-1 Schwarz matt 23ml
300081307	XF-7 Rot matt 23ml
300081316	XF-16 Aluminium matt 23ml
300081320	XF-20 Mittelgrau matt 23ml
300081356	XF-56 Metallic Grau matt 23ml
300081785	XF-85 Gummi-schwarz matt 10ml Acryl (6)
300081001	X -1 SCHWARZ glänzend 23 ml
300081002	X -2 WEIß glänzend 23 ml
300081007	X-7 ROT glänzend 23 ml
300081010	X-10 GUN METALL glänzend 23 ml
300081011	X-11 CHROM SILBER glänzend 23 ml
300081012	X-12 Blatt-Gold glänzend 23 ml
300081018	X-18 Schwarz seidenmatt 23ml
300081027	X-27 Klar-Rot glänzend 23ml
300081028	X-28 Parkgrün glänzend 23ml
300081032	X-32 Titanium Silber glänzend 23ml
300081020	X-20A Verdünner 23ml Acryl
300085029	TS-29 Schwarz seidenmatt 100ml
300085040	TS-40 Metallic Schwarz glänzend 100ml
300085076	TS-76 Mica Silber (Glimmer) glänz. 100ml

Image: Chart showing required XF-Acryl (flat), X-Acryl (gloss), and TS-Spray paints with their respective color codes.

ASSEMBLY INSTRUCTIONS

Follow the step-by-step instructions provided in the kit's manual for precise assembly. The following sections highlight key areas of construction.

Engine and Frame Assembly

Begin by assembling the detailed inline-4 engine and supercharger components. Carefully attach the engine, swing arm, and front fork to the main frame using the provided minute screws. Ensure all connections are secure and aligned according to the diagrams.



Image: Side view of the model's chassis, showing the green frame, engine, and suspension components.

Wheel and Tire Installation

Install the synthetic rubber slick tires onto the wheel rims. Attach the wheels to the front fork and swing arm assemblies. The kit includes a separate racing stand part for stable display during and after assembly.

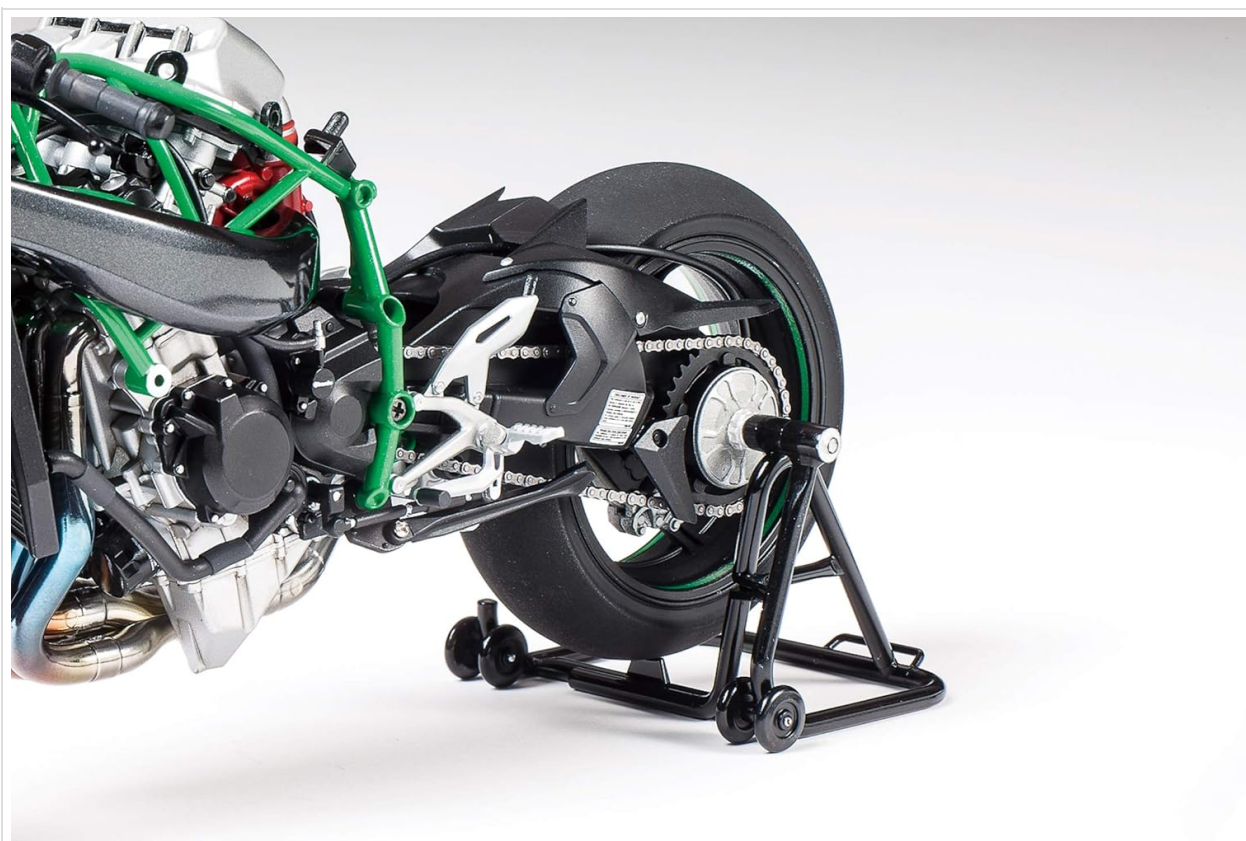


Image: Close-up of the rear wheel with its slick tire and the included racing stand.

Bodywork and Exhaust System

Assemble the body cowls, ensuring they fit precisely over the frame and engine. Attach the metal-plated parts for the exhaust system, muffler, and taillight case. These parts are designed to replicate the authentic appearance of the Kawasaki Ninja H2R.



Image: Detailed view of the model's rear section, highlighting the exhaust pipes, muffler, and rear wheel assembly.

Decal Application

Apply the provided decals and metal transfers to the model as indicated in the kit's specific instructions. Use decal adhesive/softener for optimal adhesion and a smooth finish, especially for the Kawasaki River mark and name logos. Ensure the surface is clean and glossy before application.

Final Assembly and Details

Complete the assembly by adding any remaining small details and ensuring all parts are securely attached. Review the model for any misalignments or loose components. The upper, side, and seat cowls are attached to the frame by minute screws, allowing for a secure fit.



Image: Front three-quarter view of the completed model, showcasing the intricate front fairing and wheel details.

PAINTING GUIDE

Surface Preparation

Before painting, ensure all plastic parts are clean and free of mold release agents or dust. Lightly sand any rough edges or mold lines with fine-grit sandpaper if necessary.

Applying Base Coats

Apply base coats using the recommended Tamiya XF-Acryl or X-Acryl paints. For black parts that need a color change, apply a white primer first to ensure true color representation. Allow each coat to dry thoroughly before applying the next to prevent smudging or uneven texture.

Detail Painting and Finishing

Use fine brushes for detail painting on smaller components such as engine parts, brake calipers, and dashboard elements. For larger areas, TS-Spray paints can be used for a smooth, even finish. After all paint has dried completely, consider applying a protective clear coat over the entire model, especially over decals, to enhance durability and achieve a consistent finish.

MAINTENANCE

Cleaning Your Model

To clean your assembled model, gently wipe it with a soft, dry cloth or a soft brush to remove dust. Avoid using harsh chemicals, solvents, or abrasive materials, as these can damage the paint and plastic surfaces.

Display and Storage

Display your model in a cool, dry place away from direct sunlight to prevent paint fading and plastic warping. Store it in a dust-free environment, ideally in a display case, to protect delicate parts from accidental damage and dust accumulation.

TROUBLESHOOTING

Parts Not Fitting

If parts do not fit together smoothly, check for excess plastic (flash) on the edges and carefully trim it with a hobby knife. Ensure parts are oriented correctly according to the instructions. Do not force parts together, as this can cause breakage or stress marks.

Decal Issues

If decals do not adhere well or show 'silvering' (a silvery sheen under the decal), ensure the surface is glossy before application. Use a decal softener solution to help them conform to irregular surfaces and eliminate trapped air bubbles. Gently press out excess water and air with a soft cloth or cotton swab.

Paint Problems

For uneven paint coats, ensure paint is properly thinned to the correct consistency and applied in thin, even layers. Allow sufficient drying time between coats to prevent tackiness, smudging, or lifting of previous layers. If paint appears too thick, thin it slightly before application.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	TAMIYA
Model Name	Ninja H2R
Scale	1:12
Material Type	Plastic
Number of Pieces	130
Item Dimensions (L x W x H)	13.88 x 7.88 x 2.88 inches
Item Weight	0.16 Kilograms

Included Components	Detailed inline-4 engine and supercharger depictions, engine, swing arm, front fork, upper, side seat cowls attached to frame by minute screws, synthetic rubber depictions of front/rear slick tires, separate racing stand part, metal-plated parts for exhaust, muffler, taillight case, decals, metal transfers recreate the Kawasaki River mark name logos.
Paint Type	Acrylic

SAFETY INFORMATION

This product contains **small parts** and is **not suitable for young children**. Keep out of reach of children under 3 years of age due to choking hazards. Adult supervision is recommended during assembly, especially when using sharp tools and adhesives.

WARRANTY AND SUPPORT

Warranty information for Tamiya products is typically included within the product packaging or available on the official Tamiya website. For technical support or inquiries regarding missing or damaged parts, please contact Tamiya customer service directly. Visit the official Tamiya website for further assistance: www.tamiya.com
