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› HYPER GO H12Y 1/12 Brushless 4X4 RC Rock Crawler User Manual

HYPER GO H12Y

HYPER GO H12Y 1/12 Brushless 4X4 RC Rock Crawler Instruction Manual

Model: H12Y

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your HYPER GO H12Y 1/12 Brushless 4X4 RC Rock Crawler. Please read this manual thoroughly before operating the vehicle to ensure safe and optimal performance.

SAFETY INFORMATION

This product is not a toy and is not intended for children under 14 years of age. Always operate the RC crawler in a safe environment, away from people, pets, and obstacles. Ensure proper battery handling and charging procedures are followed to prevent fire or injury. Keep hands and loose clothing away from moving parts.

WHAT'S IN THE BOX



The package includes the HYPER GO H12Y RC Rock Crawler, a 2.4GHz 4-Channel Transmitter, two 2S 2000 mAh batteries, a charging cable, a screwdriver, and a hexagonal wrench. Additionally, extra softer springs are provided for suspension tuning.

- 1 x HYPER GO H12Y Crawler

- 1 x T4M 2.4GHz 4-Channel Transmitter
- 2 x 2S 2000 mAh Battery
- 1 x 2S USB Charging Cable
- 1 x Cross Wrench
- 1 x Screwdriver
- 3 x Hexagon Wrench
- 4 x Extra Softer Springs

SETUP

1. Battery Installation:

Ensure the vehicle is powered off. Open the clipless body mounting to access the battery compartment. Insert the fully charged 2S 2000 mAh battery into the designated slot. Connect the battery to the vehicle's power connector. The clipless body mounting allows for easy access to the internals.

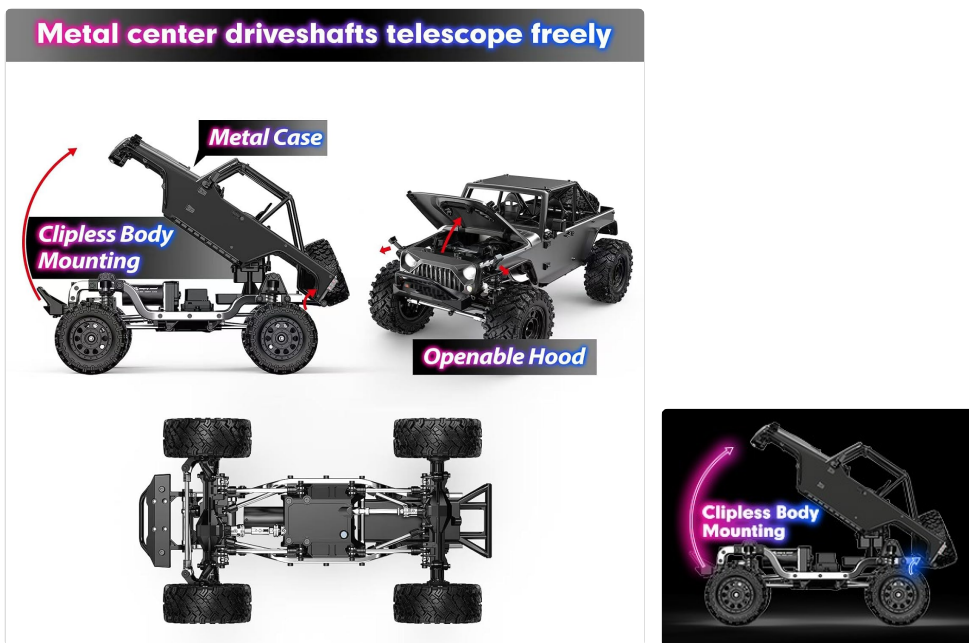


Image: Clipless body mounting and battery compartment access.

2. Transmitter Setup:

Install batteries into the 2.4GHz 4-Channel Transmitter. Power on the transmitter, then the vehicle. The transmitter features controls for steering trim (ST.TRIM), throttle trim (TH.TRIM), steering dual rate (ST.D/R), and throttle dual rate (TH.D/R). Familiarize yourself with these controls for precise operation.



Image: Transmitter layout and vehicle dimensions.

3. **Front Bumper Installation:**

Attach the front bumper to the vehicle using the provided screws and screwdriver. Ensure it is securely fastened.

4. **Servo/Motor Synchronization:**

Follow the manual's instructions for servo/motor synchronization. This procedure ensures proper communication and response between the transmitter and the vehicle's steering and motor systems.

OPERATING INSTRUCTIONS

General Operation

The HYPER GO H12Y is designed for versatile off-road performance. Use the trigger on the transmitter for throttle control (forward/reverse) and the wheel for steering. Adjust the dual rate knobs (ST.D/R and TH.D/R) to fine-tune steering sensitivity and throttle output for different terrains and driving styles.

Key Features and Performance

- **Metal Synthesis Shell:**

The vehicle features a full metal sheet metal synthesized body, providing durability and a realistic appearance. It includes a visual interior, a flip-open hood for easy access, and functional taillights with working turn signals and reversing lights, enhancing the simulation effect.

- **Excellent Off-Road Performance:**

Equipped with portal axles, the H12Y offers increased ground clearance, allowing it to navigate challenging terrains. Metal oil-filled shock absorbers and metal telescopic driveshafts ensure a stable off-road stance and maximum suspension travel.

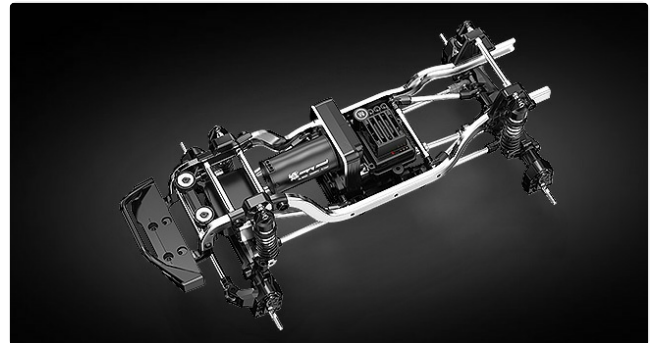


Image: Portal axles providing incredible ground clearance.

- **Extreme Approach Angles:**

The H12Y boasts a front approach angle of 58°, a rear approach angle of 46°, and a passing angle of 62°. These angles provide extreme capability for overcoming steep obstacles and navigating deep ruts.

- **Brushless Motor:**

The 3650 Brushless Motor offers robust performance. When using auto-cruise for low-speed off-roading, the Electronic Speed Controller (ESC) automatically recognizes resistance and compensates for torque, simplifying obstacle traversal. On flat or snowy terrain, the motor can achieve speeds of up to 15 Km/h.



Image: Strong torque performance and transmitter controls.

- **Towing Capability:**

The H12Y is capable of towing up to 25KG, making it suitable for light hauling tasks. An electronic winch (not included, available on Amazon store) can be added, with a dedicated towing button on the transmitter ready for use.



Image: Towing capability of the HYPER GO H12Y.

- **4-Channel Radio System:**

The 2.4GHz transmitter system includes a unique cruise control feature for long distances and a drag brake. Use the "TH D/R" knob to set the speed, then fine-tune it with the multi-function knob. Controllable lighting buttons and a reserved winch access button are also present. The system supports multiple participants for group play.



Image: Illuminated headlights of the RC Crawler.

MAINTENANCE

- **Cleaning:**

After use, especially in dirty or wet conditions, perform a quick rinse to remove debris. Ensure the vehicle is thoroughly dried to prevent oxidation and rust, particularly on metal components.

- **Component Inspection:**

Regularly inspect all components for wear and tear, including axles, driveshafts, and suspension parts. Replace any damaged parts promptly to maintain performance and prevent further damage. Replacement parts may be available from the manufacturer or authorized retailers.

- **Battery Care:**

Store batteries in a cool, dry place. Follow charging instructions carefully. Do not overcharge or completely discharge batteries. If the vehicle will not be used for an extended period, remove the batteries.

TROUBLESHOOTING

- **Vehicle Tipping Over (Top-Heavy):**

The H12Y is designed as a crawler, which can sometimes be top-heavy, especially on very steep terrain or during sharp turns at high speeds. To mitigate this, adjust your driving style, reduce speed on turns, and consider adding metal wheels or weights (not included) to lower the center of gravity for improved stability on steep climbs.

- **Axle/Component Breakage:**

While the vehicle features many metal components, extreme impacts or prolonged stress can lead to breakage. If an axle or other part breaks, identify the specific component and order a replacement from the manufacturer or an authorized dealer. Ensure proper installation of replacement parts.

- **Transmitter Responsiveness:**

If the transmitter feels unresponsive or "twitchy," especially at full speed, adjust the steering dual rate (ST.D/R) knob

to reduce the maximum steering angle. This can provide more precise control and reduce twitchiness. Ensure the servo/motor synchronization procedure has been correctly performed.

SPECIFICATIONS

Product Dimensions	15.35 x 8.07 x 7.28 inches
Item Weight	3 pounds
Item Model Number	H12Y
Manufacturer Recommended Age	14 years and up
Batteries	2 Nonstandard Battery (2S 2000 mAh) required. (included)
Manufacturer	HYPER GO

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please refer to the official HYPER GO website or contact their customer service directly. Contact details are typically provided with the product packaging or on the manufacturer’s official online channels.

You can visit the HYPER GO Store on Amazon for additional products and accessories:[HYPER GO Amazon Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

