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› Hosim Vortan X25 1/8 Scale Brushless RC Truck Instruction Manual

Hosim Vortan X25

Hosim Vortan X25 1/8 Scale Brushless RC Truck Instruction Manual

Model: Vortan X25 | Brand: Hosim

INTRODUCTION

Thank you for choosing the Hosim Vortan X25 1/8 Scale Brushless RC Truck. This high-performance remote control vehicle is designed for enthusiasts seeking speed, durability, and all-terrain capability. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure you get the most out of your RC truck.



The Hosim Vortan X25 1/8 Scale Brushless RC Truck, ready for action.

SAFETY INFORMATION

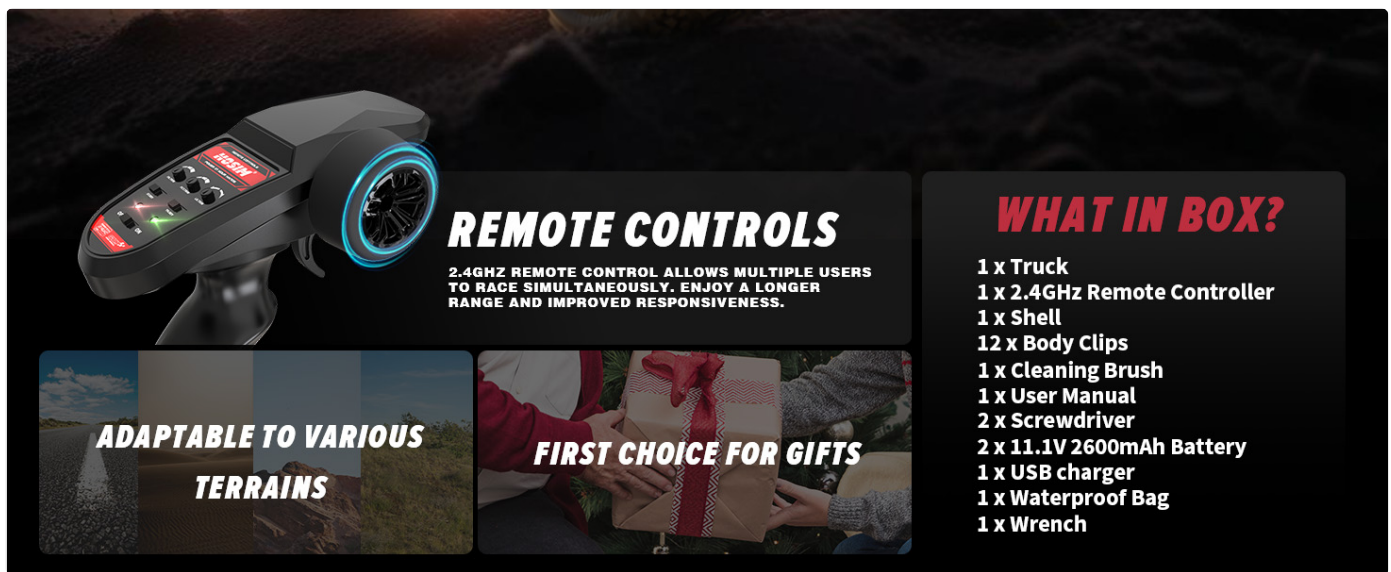
Important: Read this manual completely before operating the Hosim Vortan X25 RC Truck. Failure to follow instructions may result in injury or damage to the product.

- This product is not intended for use by children without adult supervision.
- Use only Hosim-compatible parts for repairs and upgrades.
- Operate the RC truck with caution in open areas, away from obstacles, people, and pets.
- Avoid operating near roads, water, or other hazardous environments.
- Ensure all components are securely fastened before each use.
- Do not modify the electronic components or motor unless specifically instructed by Hosim.

WHAT'S IN THE BOX

Your Hosim Vortan X25 package includes the following items:

- 1 x Hosim Vortan X25 RC Truck
- 1 x 2.4GHz Remote Controller
- 1 x Truck Shell
- 12 x Body Clips
- 1 x Cleaning Brush
- 1 x User Manual (this document)
- 2 x Screwdriver
- 2 x 11.1V 2600mAh 3S LiPo Battery
- 1 x USB Charger
- 1 x Waterproof Bag
- 1 x Wrench



REMOTE CONTROLS
2.4GHZ REMOTE CONTROL ALLOWS MULTIPLE USERS TO RACE SIMULTANEOUSLY. ENJOY A LONGER RANGE AND IMPROVED RESPONSIVENESS.

WHAT IN BOX?
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ADAPTABLE TO VARIOUS TERRAINS

FIRST CHOICE FOR GIFTS

Illustration of the Hosim Vortan X25 RC Truck and its included accessories.

SETUP

1. Battery Charging and Installation

1. **Charge Batteries:** Connect the provided 11.1V 2600mAh 3S LiPo batteries to the USB charger. Ensure proper polarity. Charge until the indicator light on the charger signals completion.
2. **Install Batteries:** Carefully remove the truck shell using the body clips. Locate the battery compartment. Insert the fully charged LiPo battery, ensuring it is secured. Connect the battery to the ESC (Electronic Speed Controller) connector.
3. **Secure Shell:** Reattach the truck shell using the body clips.



Proper battery placement within the Hosim Vortan X25 RC Truck.

2. Remote Controller Setup

- Install 4x AA batteries (not included) into the remote controller.
- Turn on the remote controller, then turn on the RC truck. The controller and truck should automatically pair. If not, refer to the troubleshooting section for binding instructions.
- Familiarize yourself with the steering wheel and throttle trigger.

OPERATING INSTRUCTIONS

1. Basic Controls

- **Throttle:** Pull the trigger towards you to accelerate forward. Push the trigger away from you to brake, and push again for reverse.
- **Steering:** Turn the steering wheel left or right to control the direction of the truck.

2. Speed Settings

The remote controller may feature a speed switch (often labeled 'L' for Low and 'H' for High). For beginners or in confined spaces, start with the 'L' speed setting to gain control before switching to 'H' for maximum performance (50+ MPH).

3. All-Terrain Operation

The Vortan X25 is equipped with 4WD, multi-terrain tires, and metal oil-filled shock absorbers, allowing it to handle various surfaces such as grass, gravel, dirt, snow, sand, and beach environments. Adjustable oil-filled shocks provide stability at high speeds and over jumps.

BRUSHLESS

3S BATTERY

HELICAL GEAR DIFFERENTIAL

1:10 LARGE SCALE

UNLEASH THE BEAST



The Hosim Vortan X25 navigating challenging terrain.

**50+MPH Speed with
Exceptional Endurance**

**Play Time of 30+
Minutes**

4. Important Operating Notes

- Due to the high speed capabilities, avoid continuous full throttle for more than 20 minutes to prevent overheating of the ESC and other components.
- If overheating occurs, allow the RC vehicle to cool down completely before resuming use.
- The 2.4GHz precision control offers a 320ft range and allows multiple cars to operate simultaneously without interference.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Hosim Vortan X25 RC Truck.

- **Cleaning:** After each use, especially in dirty or wet conditions, use the provided cleaning brush to remove dirt, dust, and debris from the chassis, wheels, and suspension components. Avoid using water directly on electronic parts.
- **Differential Lubrication:** Periodically check the helical gear differentials for proper lubrication. If needed, apply

appropriate RC-grade differential grease to ensure smooth operation and reduce wear.

- **Shock Absorbers:** Inspect the metal oil-filled shock absorbers for leaks or damage. Ensure they are clean and functioning correctly.
- **Fasteners:** Regularly check all screws and fasteners for tightness. Vibrations from operation can loosen them over time.
- **Tires:** Inspect tires for wear and tear. Ensure they are securely mounted to the wheels.

BRUSHLESS3S BATTERYHELICAL GEAR DIFFERENTIAL1:8 LARGE SCALE

TRIPLE HARDENED CHROMIUMSTEEL GEAR DIFFS



HELICAL TOOTH DESIGN,
BETTER BITE BETWEEN
GEARS

CHROME STEEL
MATERIAL, HARDER

TRIPLE-CHROMIUM STEEL ALLOY
HELICAL GEAR DIFFERENTIAL (F/R/C)
– OPTIMAL TRACTION ON ALL TE-
RRAINS

Detailed view of the triple hardened chromium steel gear differentials, crucial for maintenance.

TROUBLESHOOTING

If you encounter issues with your Hosim Vortan X25, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Truck does not respond to remote.	Low battery in truck or remote; not paired; power switch off.	Charge/replace batteries. Ensure both truck and remote are powered on. Re-bind remote if necessary (refer to remote manual for specific binding steps).
Loss of power or intermittent operation.	Overheating of ESC/motor; low battery; loose connections.	Allow components to cool down. Recharge battery. Check all electrical connections.
Truck pulls to one side.	Steering trim not adjusted; damaged steering components.	Adjust steering trim on the remote controller. Inspect steering linkages and servo for damage.
Excessive noise from drivetrain.	Lack of lubrication in differentials; damaged gears.	Lubricate differentials. Inspect gears for wear or damage and replace if necessary.
Cogging or stuttering during acceleration.	ESC/motor issue; improper gearing; loose connections.	Check motor and ESC connections. Ensure motor pinion is correctly meshed with the spur gear. If problem persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Brand	Hosim
Model Name	Vortan X25
Scale	1/8 (Note: Some users report it feels closer to 1/10 scale)
Motor	3660 3100KV Brushless Motor with Cooling Fan
ESC	80A Brushless ESC (85A in some versions)
Battery	2 x 11.1V 2600mAh 3S LiPo (included)
Maximum Speed	50+ MPH (under optimal conditions)
Drivetrain	4WD, Metal Drivetrain, 40Cr Chrome Steel Helical Gear Differentials
Shock Absorbers	Metal Oil-Filled Shock Absorbers
Servo	9KG Torque Servo
Control System	2.4GHz Remote Control, 320ft range
Material	Metal chassis, Nylon swing arms
Dimensions	20 x 12 x 6.6 inches
Weight	16 ounces

Feature	Detail
Included Components	RC Truck, Remote, 2x Batteries, USB Charger, Screwdrivers, Wrench, Cleaning Brush, User Manual, Waterproof Bag, Body Clips

OFFICIAL PRODUCT VIDEO

Watch this video for a detailed test and review of the Hosim Vortan X25 RC Truck, showcasing its performance and features.

Your browser does not support the video tag.

Video: MUST WATCH!! Super Fast Brushless RC Car Test and Review by Real Deal (Seller).

WARRANTY AND SUPPORT

Hosim is committed to providing professional racing models and excellent customer service. If you have any questions, concerns, or require assistance with your product, please do not hesitate to contact our customer service team. They are available to assist you with product inquiries, troubleshooting, and compatible upgrades. For warranty information and support, please refer to the official Hosim website or contact the seller directly.

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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.

Name

Anonymous

Email

you@example.com

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

