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› HIMOTO /

› HIMOTO NASCADA 1/10 Scale 4WD Electric Brushed RC On-Road Car Instruction Manual

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1. SAFETY INFORMATION

Please read this manual thoroughly before operating your HIMOTO NASCADA RC car. Failure to follow instructions may result in damage to the product, personal injury, or property damage. This product is not a toy and should be operated with caution.

- Always operate the RC car in open areas, away from people, pets, and obstacles.
- Never operate near public roads, power lines, or water.
- Keep fingers, hair, and loose clothing away from moving parts.
- Do not touch the motor immediately after use, as it may be hot.
- Ensure batteries are charged safely and correctly. Do not overcharge.
- Store the RC car and its components in a dry, cool place.
- Adult supervision is recommended for users under 14 years of age.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact your retailer.

- HIMOTO NASCADA 1/10 Scale 4WD Electric Brushed RC On-Road Car (with chosen body shell)
- 2.4 GHz Radio Transmitter
- 2.4 GHz Receiver (installed in vehicle)
- RC-540 Brushed Electric Motor (installed in vehicle)
- Ni-MH 2000 mAh 7.2V Battery Pack
- Battery Charger



Image 3.2: Front view of the NASCADA chassis, revealing the suspension and internal layout.



Image 3.3: Rear view of the NASCADA chassis, highlighting the motor and rear suspension.



Image 3.4: Detailed view of the RC-540 brushed motor and associated electronics.

3.3 2.4 GHz Radio System

The 2.4 GHz radio system provides reliable control with extended range and minimal interference.



Image 3.5: The 2.4 GHz radio transmitter and receiver.

4. SETUP

4.1 Charging the Battery

1. Connect the Ni-MH 7.2V 2000 mAh battery pack to the included charger.
2. Plug the charger into a suitable power outlet.
3. Observe the charger's indicator light (refer to charger manual for specific light patterns).
4. Once charging is complete, disconnect the battery from the charger. Do not leave batteries charging unattended.

4.2 Installing Batteries in the Transmitter

1. Open the battery compartment on the bottom of the transmitter.
2. Insert the required number of AA batteries (not included), ensuring correct polarity.
3. Close the battery compartment securely.

4.3 Installing the Vehicle Battery

1. Remove the body shell from the RC car by detaching the body clips.
2. Locate the battery compartment or tray on the chassis.
3. Place the charged Ni-MH battery pack into the compartment.
4. Connect the battery connector to the Electronic Speed Controller (ESC) connector. Ensure a secure connection.
5. Secure the battery in place using any provided straps or clips.
6. Reattach the body shell.

5. OPERATING INSTRUCTIONS

5.1 Powering On

1. Turn on the transmitter first. The indicator light should illuminate.
2. Turn on the RC car by flipping the power switch on the ESC.
3. The transmitter and receiver should automatically bind. If not, refer to the binding procedure in your radio system's specific manual.

5.2 Basic Controls

- **Throttle Trigger:** Pull the trigger towards you to accelerate forward. Push the trigger away from you for reverse and braking.
- **Steering Wheel:** Turn the wheel left to steer the car left, and right to steer the car right.

5.3 Driving Tips

- Start with gentle throttle and steering inputs to get accustomed to the car's response.
- Practice in a large, open area free of obstacles.
- Avoid driving on wet surfaces or through puddles, as this can damage electronics.
- Monitor battery life. When the car's speed noticeably decreases, it's time to recharge the battery.

5.4 Powering Off

1. Turn off the RC car first by flipping the power switch on the ESC.
2. Turn off the transmitter.

6. MAINTENANCE

Regular maintenance will extend the life and performance of your HIMOTO NASCADA RC car.

- **Cleaning:** After each use, clean the car to remove dirt, dust, and debris. Use a soft brush or compressed air. Avoid using water directly on electronics.
- **Battery Care:** Always fully charge and discharge Ni-MH batteries periodically to maintain their capacity. Store batteries in a cool, dry place.
- **Motor Inspection:** Periodically check the RC-540 brushed motor for signs of wear or damage. Ensure the motor wires are securely connected.
- **Gear Mesh:** Check the gear mesh between the pinion gear and spur gear. It should have a small amount of play. Adjust if necessary.
- **Screw Tightness:** Regularly check all screws and fasteners for tightness. Re-tighten as needed.
- **Suspension:** Inspect the shocks and suspension arms for damage or binding. Ensure smooth movement.

7. TROUBLESHOOTING

If you encounter issues with your HIMOTO NASCADA, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Car does not respond to transmitter.	Low battery in car or transmitter; Not powered on; Not bound.	Charge car battery; Replace transmitter batteries; Ensure both are powered on; Re-bind transmitter and receiver.
Car runs slowly or has reduced power.	Low car battery; Motor or ESC overheating; Debris in drivetrain.	Recharge car battery; Allow components to cool; Clean drivetrain.
Steering is erratic or unresponsive.	Loose servo connection; Damaged servo; Steering trim incorrect.	Check servo connections; Replace servo if damaged; Adjust steering trim on transmitter.
Motor runs but wheels do not turn.	Stripped gears; Loose driveshaft.	Inspect and replace damaged gears; Secure driveshaft.

8. SPECIFICATIONS

Feature	Detail
Model	HIMOTO NASCADA
Scale	1/10
Drive System	4WD (Four-Wheel Drive)
Motor Type	RC-540 Electric Brushed Motor
Radio System	2.4 GHz
Battery (Included)	Ni-MH 2000 mAh 7.2V
Manufacturer Reference	HI5101
ASIN	B0767LDHVD

9. WARRANTY AND SUPPORT

HIMOTO products are manufactured to high-quality standards. For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support, please reach out to the HIMOTO customer service department or your authorized dealer.

Keep your proof of purchase for any warranty claims.