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Hot Wheels HGV90

Hot Wheels RC Twist Shifter (Model HGV90) Instruction Manual

1:24 Scale Remote-Control Vehicle with Working Headlights & Rechargeable Remote

1. INTRODUCTION AND OVERVIEW

The Hot Wheels RC Twist Shifter is a 1:24 scale remote-control vehicle designed for dynamic play. It features rotating axles and all-terrain wheels, enabling it to perform flips and stunts across various surfaces. The vehicle is equipped with working headlights for enhanced visibility during operation. It operates on a 2.4 GHz frequency, allowing for interference-free play with other remote-control vehicles. Recharging is facilitated via an included USB cable.

Key Features:

- Flip and twist action with remote-control stunting capabilities.
- Rotating axles provide all-wheel drive for propulsion over diverse surfaces.
- Working headlights illuminate the path and enhance play.
- Easy recharging with the included USB cable.
- 2.4 GHz frequency for multi-vehicle play without interference.

2. WHAT'S IN THE Box

- 1 Hot Wheels Twist Shifter R/C Vehicle
- 1 USB Charging Cable
- 1 Remote Control



Image: The Hot Wheels RC Twist Shifter vehicle, its remote control, and the USB charging cable, as typically found in the product packaging.

3. SETUP INSTRUCTIONS

3.1 Charging the Vehicle

1. Locate the charging port on the Hot Wheels RC Twist Shifter vehicle.
2. Connect the included USB charging cable to the vehicle's charging port.
3. Plug the other end of the USB cable into a standard USB power source (e.g., computer USB port, USB wall adapter).
4. The vehicle's indicator light will show charging status (refer to the vehicle for specific light behavior, typically red for charging, off/green for fully charged).
5. Allow the vehicle to charge fully before first use. Charging time may vary.



Image: A hand connecting the USB charging cable to the Hot Wheels RC Twist Shifter for recharging.

3.2 Installing Batteries in the Remote Control

The remote control requires batteries (not included). Refer to the remote control's battery compartment for the correct battery type and installation instructions, typically 2x AA or AAA batteries.

3.3 Pairing the Vehicle and Remote Control

1. Ensure both the vehicle and the remote control are powered off.
2. Turn on the Hot Wheels RC Twist Shifter vehicle using its power switch. The vehicle's lights may flash, indicating it is in pairing mode.
3. Turn on the remote control. Its indicator light should also flash, searching for the vehicle.
4. Once successfully paired, the lights on both the vehicle and the remote control will typically become solid, indicating a stable connection.
5. If pairing fails, turn both devices off and repeat the steps.

4. OPERATING INSTRUCTIONS

The Hot Wheels RC Twist Shifter is designed for dynamic and versatile movement. Familiarize yourself with the remote control layout and practice in an open area.

4.1 Remote Control Functions

- **Left Joystick:** Controls forward and backward movement.
- **Right Joystick:** Controls steering (left and right).
- **Special Buttons:** The remote may include buttons for activating special stunts or twists. Experiment to discover these features.



Image: Hands operating the remote control for the Hot Wheels RC Twist Shifter, demonstrating typical use.

4.2 Performing Stunts and Twists

The unique rotating axles allow the vehicle to perform various stunts. Drive the vehicle into obstacles or use specific remote control inputs to initiate flips and twists. The all-terrain wheels provide grip for climbing over small objects.

Your browser does not support the video tag.

Video: Official demonstration of the Hot Wheels RC Twist Shifter (Model HGV90) performing various stunts and movements.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the vehicle to remove dirt, dust, and debris from the wheels and chassis. Use a soft, dry cloth. Avoid using water or harsh chemicals, as this can damage electronic components.

5.2 Battery Care

- Always fully charge the vehicle before storage.
- Remove batteries from the remote control if it will not be used for an extended period to prevent leakage.
- Do not overcharge the vehicle's internal battery.

6. TROUBLESHOOTING

6.1 Vehicle Not Responding

- Ensure both the vehicle and remote control are powered on.

- Check if the vehicle's battery is charged.
- Verify that the remote control has fresh batteries and they are installed correctly.
- Re-attempt the pairing process (Section 3.3).
- Ensure there is no significant interference from other 2.4 GHz devices.

6.2 Reduced Performance

- The vehicle's battery may be low; recharge it fully.
- Check for debris or hair caught in the wheels or axles that might impede movement.
- Ensure you are operating the vehicle on suitable surfaces. Extreme terrain may affect performance.

7. SPECIFICATIONS

| Feature | Detail |
|------------------------|--|
| Model Number | HGV90 |
| Scale | 1:24 |
| Item Weight | 1.1 pounds |
| Recommended Age | 5 years and up |
| Power Source (Vehicle) | Rechargeable (via USB cable) |
| Power Source (Remote) | Batteries (Unknown type, not included) |
| Frequency | 2.4 GHz |
| Manufacturer | Mattel |

8. SAFETY INFORMATION

- Not suitable for children under 3 years due to small parts.
- Adult supervision is recommended during play.
- Do not operate near water or in wet conditions to prevent electrical damage.
- Avoid driving the vehicle into people, pets, or fragile objects.
- Keep fingers, hair, and loose clothing away from moving wheels and axles.
- Dispose of batteries responsibly according to local regulations.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Hot Wheels website or contact Mattel customer service. Keep your purchase receipt as proof of purchase.

Mattel Customer Service: <https://service.mattel.com/us/contactus.aspx>

