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> [JIKEFUN 1:16 Brushless RC Car Instruction Manual](#)

JIKEFUN 1:16 Brushless Fast RC Car

JIKEFUN 1:16 Brushless Fast RC Car Instruction Manual

Model: 1:16 Electric Four-Wheel Drive RC Car

1. INTRODUCTION

Thank you for purchasing the JIKEFUN 1:16 Brushless Fast RC Car. This high-performance remote control vehicle features a 1:16 scale, 4-wheel drive system, and a brushless motor, designed for high-speed operation across various terrains. This manual provides essential information for safe operation, setup, maintenance, and troubleshooting to ensure optimal performance of your RC car.

The new upgrade

Four-wheel drive **brushless** high-speed vehicle



Image: The JIKEFUN 1:16 Brushless Fast RC Car, showcasing its design and speed capabilities.

2. SAFETY INFORMATION

- Always operate the RC car in open areas, away from people, pets, and obstacles.
- Do not operate near public roads, power lines, or water bodies.
- Keep hands, hair, and loose clothing away from moving parts.
- Adult supervision is recommended for users under 14 years of age.
- Ensure batteries are charged correctly and handled with care. Do not short-circuit or puncture batteries.
- Turn off the vehicle and remote control when not in use.
- Avoid prolonged exposure to direct sunlight or extreme temperatures.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1:16 Scale RC Vehicle (with 2 interchangeable PVC body shells)

- 2.4G Remote Control
- Instruction Manual
- 7.4V 1500mAH 15C Lithium-ion Batteries (x2)
- USB Balanced Charging Cable
- Tail Wing
- Head-up Wheel
- Shock Absorption Adjustment Buckle
- Metal Bolt
- Hexagonal Socket Wrench
- Brushless Guide Book Insert

4. SETUP

4.1. Vehicle Battery Installation and Charging

1. Ensure the vehicle is powered off.
2. Locate the battery compartment on the RC vehicle.
3. Insert one of the provided 7.4V 1500mAH Lithium-ion batteries into the compartment and connect the T-plug connector.
4. Secure the battery compartment cover.
5. To charge, connect the 7.4V 1500mAH Lithium-ion battery to the USB balanced charging cable. Connect the USB end to a suitable USB power adapter (not included). The charging time is approximately 190 minutes per battery.

4.2. Remote Control Battery Installation

1. Open the battery compartment on the back of the 2.4G remote control.
2. Insert 4 AAA batteries (not included) according to the polarity markings.
3. Close the battery compartment cover securely.

4.3. Pairing the Remote Control with the Vehicle

1. Ensure both the RC vehicle and the remote control are powered off.
2. Turn on the RC vehicle. The vehicle's indicator light will flash.
3. Turn on the remote control. The remote control's indicator light will flash.
4. Once the indicator lights on both the vehicle and remote control become solid, the pairing process is complete.

5. OPERATING INSTRUCTIONS

5.1. Driving Controls

What is CVT?



Image: Detailed view of the 2.4G remote control with labeled functions.

- **Steering Wheel:** Rotate left or right to control the vehicle's direction.
- **Accelerator Trigger:** Pull to move forward, push to brake or reverse. The vehicle features full proportional continuously variable transmission for precise speed control.
- **Three-speed Speed Regulation:** Adjust the speed mode (high, school, slow) using the switch on the remote control.
- **Steering Fine-tuning:** Use the trim dial to adjust the steering if the vehicle does not drive straight.
- **Rudder Amplitude Adjustment:** Adjust the steering sensitivity.
- **Reverse Function:** Engage reverse by pushing the accelerator trigger forward after braking.

5.2. LED Headlights

The vehicle is equipped with LED headlights that have three modes:

- **Constant Light:** Standard illumination.
- **Slow Flashing:** For visibility or signaling.
- **Fast Flashing:** For enhanced visibility or signaling.

Use the LED light button on the remote control to cycle through these modes.

6. MAINTENANCE

6.1. Cleaning

- After each use, especially after off-road driving, clean the vehicle to remove dirt, dust, and debris.
- Use a soft brush or cloth to clean the chassis, wheels, and body.
- The ESC has an IPX4 splash-proof rating, but avoid submerging the vehicle in water.

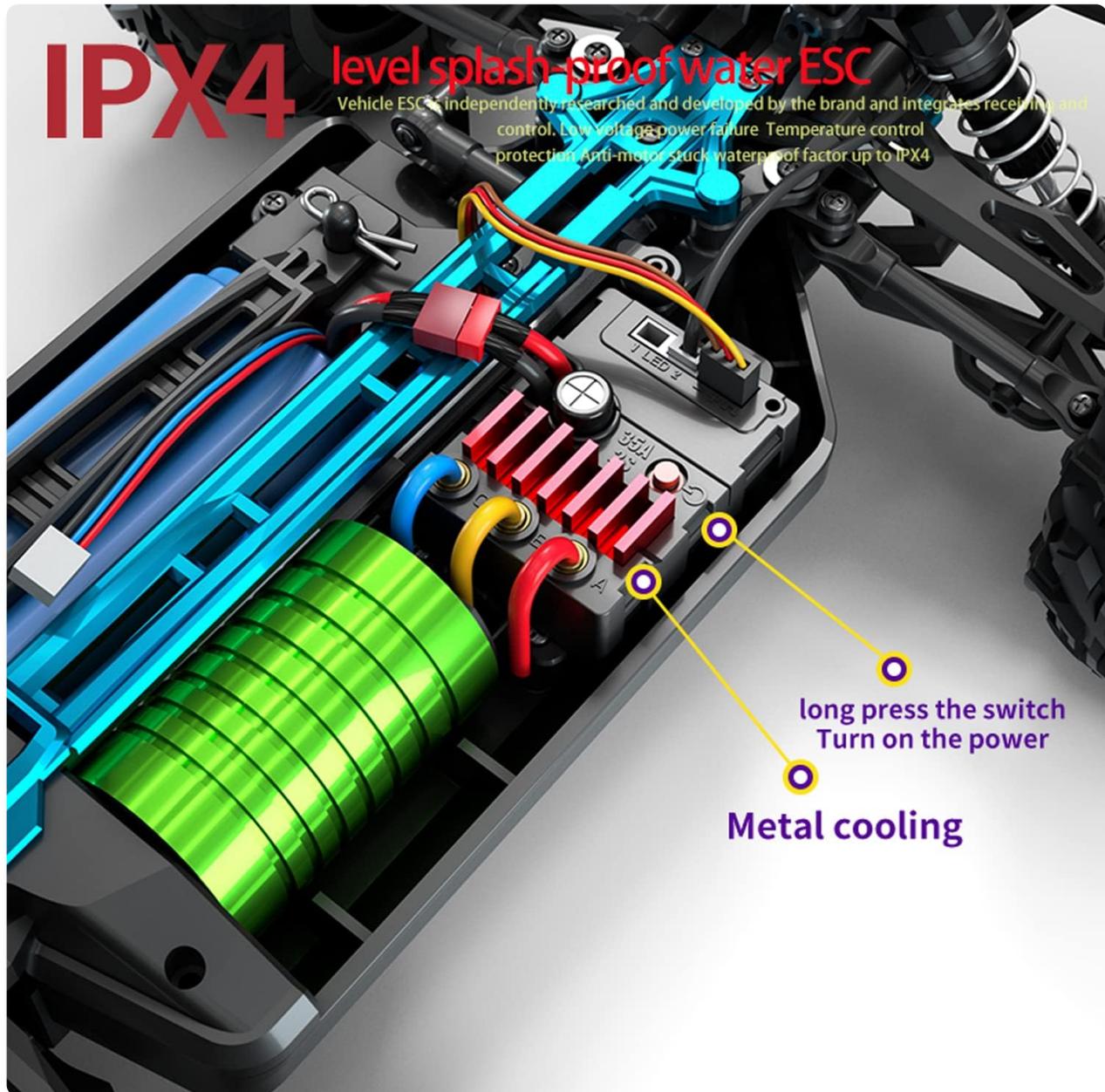


Image: Internal view showing the IPX4 splash-proof ESC and metal cooling components.

6.2. Storage

- Store the RC car and remote control in a cool, dry place away from direct sunlight.
- Remove batteries from both the vehicle and remote control if storing for extended periods.
- Charge Lithium-ion batteries to approximately 50% capacity before long-term storage to prolong battery life.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not respond to remote control.	Low batteries in vehicle or remote control; Not paired correctly; Interference.	Charge/replace batteries; Re-pair vehicle and remote control; Move to an area with less interference.
Vehicle runs slowly or stops suddenly.	Low vehicle battery; Overheating.	Charge vehicle battery; Allow vehicle to cool down before resuming operation.
Steering is off-center.	Steering trim not adjusted.	Use the steering fine-tuning dial on the remote control to adjust.
Short operating time.	Battery not fully charged; Old battery.	Ensure battery is fully charged (190 minutes); Consider replacing old batteries.

8. SPECIFICATIONS

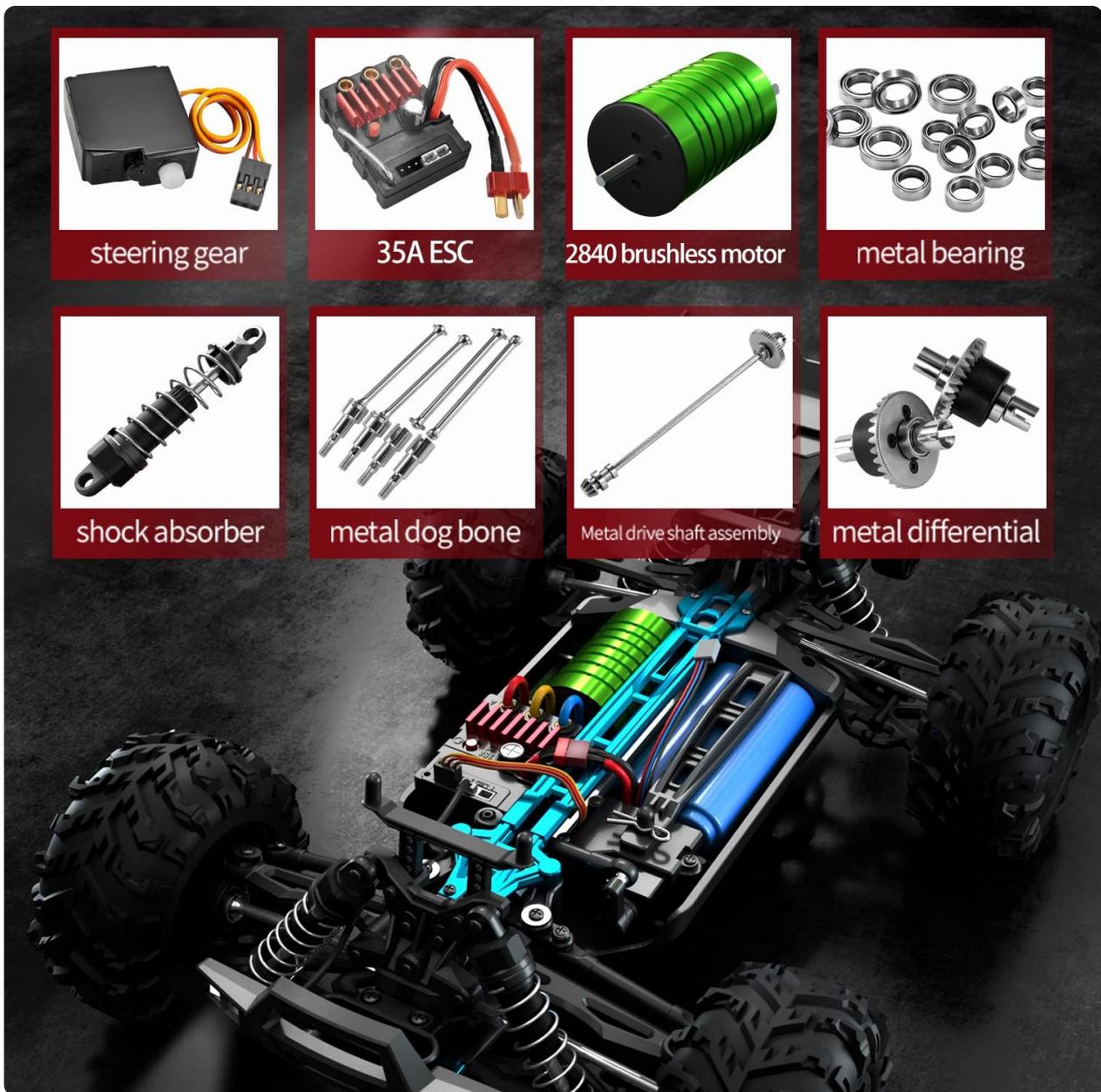


Image: Diagram illustrating key metal components and internal structure of the RC car.

- **Product Scale:** 1:16
- **Drive System:** 4-Wheel Drive (4WD)
- **Motor:** 2840 Brushless Motor
- **Maximum Speed:** 70 km/h (approx. 43 MPH)
- **Vehicle Dimensions:** 30 x 23 x 11.5 cm (approx. 12 x 9.4 x 5.8 inches)
- **Vehicle Weight:** 1.7 kg (Product Weight), 1 kg (Bare Vehicle Weight)
- **Material:** PA (Polyamide) + Electronic Components
- **Battery (Vehicle):** 2x 7.4V 1500mAh 15C Lithium-ion Battery (T-plug)
- **Usage Time:** Approximately 20 minutes per battery (40+ minutes total)
- **Charging Time:** Approximately 190 minutes
- **Charging Device:** USB Balanced Charger
- **Remote Control Frequency:** 2.4G
- **Remote Control Batteries:** 4x AAA (not included)
- **Remote Control Distance:** 120 meters

- **Shock Absorption:** Front and rear upright spring shock absorption, dual wishbone independent suspension system
- **Durability Features:** Metal second floor, metal front and rear arm codes, metal middle transmission shaft, metal differential, metal differential cup, powder planetary gear, powder driving gear, powder main gear, metal CVD front transmission shaft, metal rear dog bone, metal wheel cup.
- **Water Resistance:** IPX4 level splash-proof ESC
- **Headlights:** LED headlights with three modes (constant light, slow flashing, fast flashing)
- **Recommended Age:** 14 years and up
- **Manufacturer:** JIKEFUN

9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact the manufacturer, JIKEFUN, through your purchase platform or their official website. Please retain your proof of purchase for any warranty claims.