

**Team Associated RC10 4WD**

# Team Associated RC10 4WD Buggy Kit Instruction Manual

Model: RC10 4WD

## 1. INTRODUCTION

This manual provides essential information for the assembly, operation, and maintenance of your Team Associated RC10 4WD Buggy Kit. The RC10 4WD combines the classic design of the RC10 with advanced 4WD racing expertise, offering a comprehensive kit for enthusiasts. This kit requires the addition of your preferred electronics to become track-ready.

## 2. WHAT'S IN THE Box

Carefully unpack all components and verify the contents against the list below. If any items are missing or damaged, please contact Team Associated customer support immediately.

- RC10 4WD Buggy Kit components
- Screwdriver
- Remote (Transmitter)
- Detailed Assembly Manual (separate document, not included in this digital manual)

*Note: Electronic components such as the motor, electronic speed control (ESC), receiver, servo, battery, and charger are not included and must be purchased separately.*



Image: The Team Associated RC10 4WD Buggy Kit, showcasing the assembled 1:10 scale electric 4WD competition off-road car alongside its product packaging. The packaging highlights key features such as 'RC10 4WD', '1:10 Scale Electric 4WD Competition Off-Road Car Kit', and 'Team Associated'.

### 3. SETUP AND ASSEMBLY

The RC10 4WD is a kit that requires assembly. Refer to the dedicated assembly manual included with your physical product for detailed, step-by-step instructions. The general setup process involves:

- 1. Chassis Assembly:** Construct the main chassis, suspension arms, and shock absorbers.
- 2. Drivetrain Assembly:** Assemble the differentials, drive shafts, and transmission components for the 4WD system.
- 3. Steering Assembly:** Install the steering rack and servo.
- 4. Wheel and Tire Installation:** Mount the tires onto the wheels and attach them to the vehicle.
- 5. Electronics Installation:** Securely mount your chosen motor, electronic speed control (ESC), receiver, and battery. Ensure all wiring is neat and properly connected according to the electronics manufacturers' instructions.
- 6. Body Preparation:** Paint and trim the body shell as desired, then mount it to the chassis.
- 7. Radio System Setup:** Bind your remote (transmitter) to the receiver and calibrate the steering and

throttle endpoints.

## 4. OPERATING INSTRUCTIONS

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Before operating your RC10 4WD, ensure all components are securely fastened and electronics are properly installed and charged.

### 4.1 Pre-Run Checks

- Verify battery charge levels for both the vehicle and the remote.
- Check all screws and nuts for tightness.
- Ensure steering and throttle respond correctly to remote inputs.
- Inspect tires for damage and proper inflation (if applicable).

### 4.2 Driving Your RC10 4WD

Operate the vehicle in open, safe areas away from people, pets, and obstacles. Start with gentle throttle inputs to familiarize yourself with the vehicle's handling characteristics. The 4WD system provides enhanced traction and control, especially on loose surfaces.

### 4.3 Safety Precautions

- Always operate in a safe environment.
- Keep fingers and loose clothing away from moving parts.
- Disconnect the battery when not in use.
- Do not operate in wet conditions unless the electronics are specifically rated as waterproof.

## 5. MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your RC10 4WD.

- **Cleaning:** After each use, clean dirt and debris from the chassis, suspension, and drivetrain using a soft brush or compressed air.
- **Fasteners:** Periodically check all screws, nuts, and bolts for tightness. Vibrations can cause them to loosen over time.
- **Lubrication:** Apply appropriate lubricants to moving parts such as universal joints and bearings as recommended in the assembly manual.
- **Shocks:** Inspect shock absorbers for leaks and ensure smooth operation. Rebuild or replace as necessary.
- **Tires:** Check tires for wear and tear. Replace worn tires to maintain optimal traction.
- **Battery Care:** Follow the manufacturer's instructions for charging, discharging, and storing your battery packs.

## 6. TROUBLESHOOTING

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This section addresses common issues you might encounter with your RC10 4WD.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Vehicle does not power on.	Battery not charged or connected; ESC not armed; power switch off.	Charge battery; ensure battery is connected; turn on power switch; arm ESC as per its manual.
No steering response.	Servo disconnected or faulty; receiver not bound; remote battery low.	Check servo connection; re-bind receiver; replace remote batteries.
Motor not running.	ESC not calibrated; motor wires loose; motor faulty.	Calibrate ESC; check motor connections; inspect motor for damage.
Erratic control.	Radio interference; loose connections; damaged receiver antenna.	Change operating location; check all connections; inspect antenna.

## 7. SPECIFICATIONS

Key specifications for the Team Associated RC10 4WD Buggy Kit:

- **Model:** RC10 4WD
- **Scale:** 1:10
- **Drive Type:** 4-Wheel Drive (4WD)
- **Power Source:** Electric (electronics not included)
- **Type:** Competition Off-Road Car Kit
- **ASIN:** B0F7P88LBD
- **Manufacturer:** Horizon Hobby (for Team Associated)

## 8. WARRANTY INFORMATION

Team Associated products are manufactured to high standards. For specific warranty terms and conditions, please refer to the documentation included with your product or visit the official Team Associated website. Warranty coverage typically applies to manufacturing defects and does not cover damage resulting from misuse, accidents, or unauthorized modifications.

## 9. SUPPORT

Should you require further assistance, technical support, or replacement parts, please contact Team Associated customer service. You can typically find contact information on the product packaging or the official Team Associated website.

*For the most up-to-date support resources, please visit the [Team Associated official website](#).*

## Related Documents - RC10 4WD

	<p><a href="#">Team Associated RC10B84 1:10 Scale 4WD Electric Off Road Competition Buggy Kit Manual</a></p> <p>Assembly manual for the Team Associated RC10B84 1:10 Scale 4WD Electric Off Road Competition Buggy Kit. Includes detailed instructions, parts lists, and tuning tips for building and maintaining the vehicle.</p>
	<p><a href="#">Team Associated RC10B84D 1:10 Scale 4WD Electric Off-Road Competition Buggy Kit Assembly Manual</a></p> <p>This manual provides detailed instructions and tips for assembling and maintaining the Team Associated RC10B84D 1:10 Scale 4WD Electric Off-Road Competition Buggy Kit. It includes a comprehensive parts list, step-by-step build instructions, and tuning advice.</p>
	<p><a href="#">Team Associated RC8B4.1e 1:8 Scale Electric Off-Road Competition Buggy Assembly Manual</a></p> <p>This is the assembly manual for the Team Associated RC8B4.1e, a 1:8 scale 4WD electric off-road competition buggy kit. It provides detailed, step-by-step instructions, parts lists, and helpful tips for building the model.</p>
	<p><a href="#">Team Associated RC8B4.1 Team Kit 1:8 Scale 4WD Nitro Off-Road Competition Buggy Assembly Manual</a></p> <p>Comprehensive assembly manual for the Team Associated RC8B4.1 Team Kit, a 1:8 scale 4WD nitro off-road competition buggy. Includes detailed step-by-step instructions, parts lists, and setup tips for building and maintaining the RC car.</p>
	<p><a href="#">Team Associated RC10B7 Competition Buggy Kit Assembly Manual</a></p> <p>Comprehensive assembly manual for the Team Associated RC10B7 1:10 Scale 2WD Electric Off Road Competition Buggy Kit. Includes detailed step-by-step instructions, parts lists, tuning tips, and setup guides.</p>
	<p><a href="#">Team Associated RC10B74.2 CE Team Kit 1:10 Scale 4WD Electric Off-Road Competition Buggy Assembly Manual</a></p> <p>Assembly manual for the Team Associated RC10B74.2 CE Team Kit, a 1:10 scale 4WD electric off-road competition buggy. Provides detailed instructions, parts lists, hardware reference, tuning tips, and setup sheets for building and maintaining the RC car.</p>