

Team Associated ASC90044

Team Associated RC10B74.2 CE Team Kit Instruction Manual

Model: ASC90044 | Brand: Team Associated

INTRODUCTION

This manual provides essential instructions for the assembly, operation, and maintenance of your Team Associated RC10B74.2 CE Team Kit. The B74 platform is a high-performance competition buggy designed for advanced users. This Champions Edition kit incorporates Factory Team components and updated setups to enhance performance. Proper assembly and adherence to these instructions are crucial for optimal performance and longevity of the vehicle.

The RC10B74.2 CE Team Kit is a high-performance remote-controlled vehicle designed for competitive racing. It features advanced components and engineering to deliver precise handling and durability. This kit requires assembly and additional components (motor, ESC, radio system, battery, charger, tires) to be fully operational.

KEY FEATURES

- Factory Team +2 Steering Block Arms Included
- Includes 2.5mm Thick Shock Pistons
- Lightweight Molded Gearboxes
- 13mm Big-Bore Threaded Aluminum Shocks
- LTC Differential Gear Sets Are Included
- Factory Team decoupled slipper clutch and related parts included
- Updated kit setup includes purple front springs
- Two fixed height front gearboxes allowing 0 and +2mm diff height options.
- One rear gearbox with RC10B6-style inserts allowing 0, +1, +2, and +3mm diff height options.
- Machined shock pistons for improved bump and jump handling
- Gull wing front suspension arms and mating shock tower for lower center of gravity and better steering predictability
- LTC differential gear sets reduce binding under power, giving more predictable power delivery.

- Battery hold-down system uses inserts to adjust weight bias.
- O-ring style battery strap with pull tabs

SAFETY INFORMATION

As described, this product is intended for hobby use and requires careful handling. Always operate the vehicle in a safe environment, away from people, pets, and obstacles. Read and understand all instructions before assembly and operation. Failure to do so may result in injury or damage to the product or property. Keep small parts out of reach of children. This product is recommended for ages 14 years and older.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov.

SETUP AND ASSEMBLY

The RC10B74.2 CE Team Kit requires complete assembly. It is recommended to follow the detailed assembly manual provided with the physical kit for step-by-step instructions. This section provides a general overview of key assembly areas.

1. Chassis and Suspension Assembly

Begin by assembling the main chassis components. This includes attaching the front and rear bulkheads, suspension arms, and shock towers. Ensure all screws are tightened to the recommended specifications to prevent loosening during operation.



Image: Assembled Team Associated RC10B74.2 CE Team Kit, showcasing the overall design and front-left suspension.



Image: Front-right view of the assembled RC10B74.2 CE Team Kit, highlighting the front suspension and steering components.

2. Differential and Gearbox Installation

Assemble the front and rear differentials, ensuring proper lubrication. Install them into the lightweight molded gearboxes. Pay attention to the diff height options (0, +1, +2, +3mm for rear; 0, +2mm for front) to adjust the vehicle's handling characteristics.



Image: Rear-right view of the assembled RC10B74.2 CE Team Kit, showing the rear gearbox and wing.

3. Shock Absorber Assembly

Assemble the 13mm big-bore threaded aluminum shocks. Fill them with the appropriate shock oil and install the 2.5mm thick machined shock pistons. Ensure smooth operation and proper rebound. Install the purple front springs as per the updated kit setup.



Image: Four assembled 13mm big-bore threaded aluminum shocks with springs, ready for installation.

4. Steering and Electronics Installation

Install the steering servo, receiver, electronic speed controller (ESC), and motor. Connect all electronics according to their respective manuals. The Factory Team +2 steering block arms are included for enhanced steering geometry.

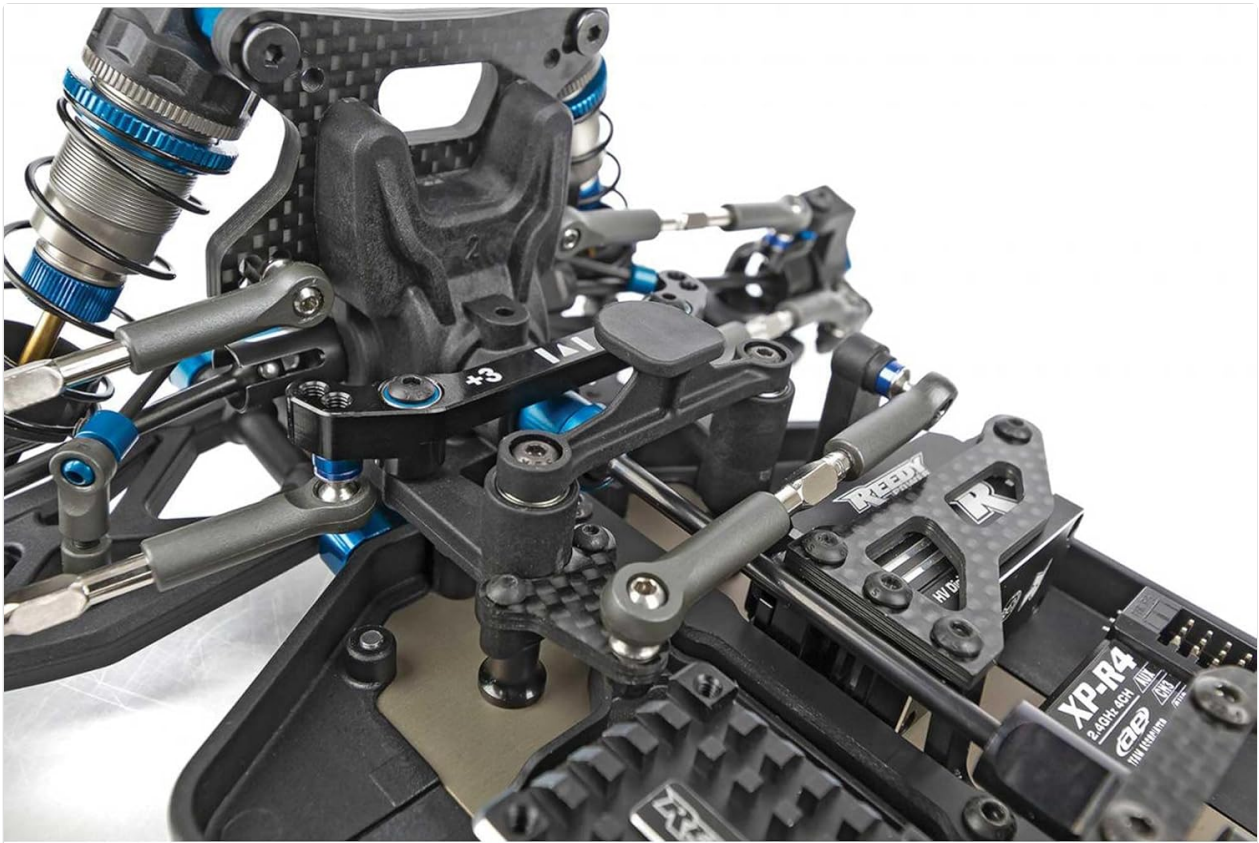


Image: Close-up view of the steering assembly, showing the servo linkage and front suspension components.

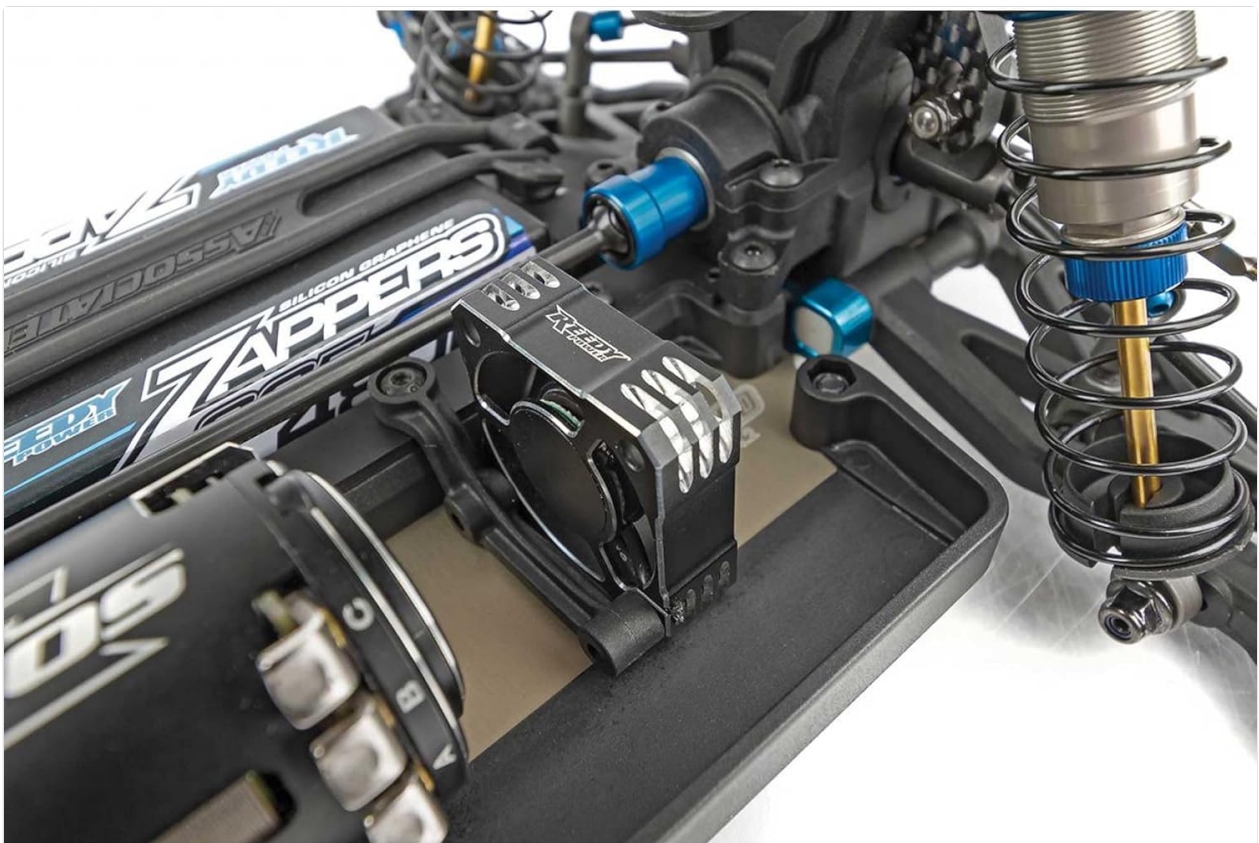


Image: Detailed view of the motor and cooling fan installation area within the chassis.

5. Battery Installation

Utilize the battery hold-down system with inserts to adjust weight bias. Secure the battery using the O-ring style battery strap with pull tabs.



Image: The battery compartment showing a battery installed and the associated O-ring style hold-down straps.

OPERATING INSTRUCTIONS

Before operating your RC10B74.2 CE Team Kit, ensure all components are correctly installed and secured. Charge your battery fully and ensure your radio transmitter has fresh batteries.

1. Pre-Run Checks

- Verify all screws are tight.
- Check shock action and suspension travel.
- Ensure steering operates smoothly and correctly.
- Confirm battery is fully charged and securely installed.
- Check tire mounting and condition.

2. Powering On

1. Turn on your radio transmitter first.
2. Connect the battery to the ESC.
3. Turn on the ESC switch.
4. Perform a quick function check: steering left/right, throttle forward/reverse.

3. Driving Tips

- Start with gentle throttle inputs to get accustomed to the vehicle's response.
- Practice steering and braking in an open area.
- Avoid operating in wet conditions or extreme temperatures.
- Always maintain a clear line of sight to the vehicle.

MAINTENANCE

Regular maintenance is essential to keep your RC10B74.2 CE Team Kit in top condition and ensure its longevity.

1. After Each Run

- Clean the vehicle: Remove dirt, dust, and debris using a soft brush or compressed air.
- Inspect for damage: Check suspension components, chassis, and body for any cracks or loose parts.
- Check screw tightness: Ensure all critical screws are still secure.
- Disconnect and charge batteries: Allow batteries to cool before charging.

2. Periodic Maintenance (Every 5-10 Runs)

- Differential service: Disassemble, clean, and re-lubricate the differentials. Check for wear on gears.
- Shock service: Inspect shock shafts for bends, replace O-rings if leaking, and refill with fresh shock oil.
- Bearing inspection: Check all bearings for smooth operation. Replace any rough or seized bearings.
- Drivetrain inspection: Check drive shafts, outdrives, and dog bones for wear.
- Steering assembly: Inspect servo saver, linkages, and steering blocks for wear or damage.

TROUBLESHOOTING

This section addresses common issues you might encounter with your RC10B74.2 CE Team Kit.

Problem	Possible Cause	Solution
Vehicle does not power on.	<ul style="list-style-type: none">• Battery not charged or connected.• Transmitter not on or low battery.• ESC switch off.• Loose wiring connection.	<ul style="list-style-type: none">• Charge and connect vehicle battery.• Turn on transmitter, replace batteries if needed.• Turn on ESC switch.• Check all wiring connections.
No steering response.	<ul style="list-style-type: none">• Servo not connected or damaged.• Radio system not bound.• Steering linkages jammed.	<ul style="list-style-type: none">• Check servo connection, replace if faulty.• Re-bind transmitter and receiver.• Inspect and clear steering linkages.
Motor runs but vehicle does not move.	<ul style="list-style-type: none">• Pinion gear loose or stripped.• Slipper clutch too loose.• Drivetrain component failure (e.g., broken drive shaft).	<ul style="list-style-type: none">• Check and secure/replace pinion gear.• Adjust slipper clutch tightness.• Inspect drivetrain and replace damaged parts.

SPECIFICATIONS

Feature	Detail
Model Number	ASC90044
Product Dimensions	14.9 x 9 x 5.1 inches
Item Weight	1 pounds
Manufacturer	Team Associated
Recommended Age	14 months - 9 years <i>(Note: This age range appears to be a general Amazon categorization. The product is a competition-grade RC kit, typically recommended for ages 14+ due to complexity and required skills.)</i>
ASIN	B0CZWT3XMZ

WARRANTY AND SUPPORT



Team Associated products are manufactured to high standards. For specific warranty information, please refer to the documentation included with your physical kit or visit the official Team Associated website. Warranty terms typically cover manufacturing defects but not damage due to misuse, accidents, or normal wear and tear.





For technical support, spare parts, or further assistance, please visit the official Team Associated website or contact their customer service department. Keep your proof of purchase for any warranty claims.

[Visit Team Associated Official Website](#)

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Related Documents - ASC90044

	<p>Team Associated RC8B4.1 Nitro Off Road Competition Buggy Manual</p> <p>Assembly manual for the Team Associated RC8B4.1 1:8 Scale 4WD Nitro Off Road Competition Buggy Kit, including parts lists, build instructions, and tuning tips.</p>
	<p>Team Associated RC10B84 1:10 Scale 4WD Electric Off Road Competition Buggy Kit Manual</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><u>Team Associated RC10B7 Competition Buggy Kit Assembly Manual</u></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><u>Team Associated RC10B84D 1:10 Scale 4WD Electric Off-Road Competition Buggy Kit Assembly Manual</u></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><u>Team Associated Reflex 14B Off Road Buggy Kit Manual</u></p> <p>Comprehensive assembly manual for the Team Associated Reflex 14B 1:14 Scale 4WD Electric Off Road Buggy Kit. Includes detailed step-by-step instructions, parts lists, and helpful tips for building and maintaining your RC vehicle.</p>
	<p><u>Team Associated RC10B7 1:10 Scale 2WD Electric Off-Road Competition Buggy Kit Assembly Manual</u></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>



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