

TC7.1 FACTORY TEAM



Short FOX® shocks with Genuine Kashima® Coat. Low center-of-gravity shocks with hard-coated shock shafts with polished finish. Machined piston and bushing sets for the most precise build. Updated bladder profile for consistent performance.



22 precision ball bearings.



DCV front driveshaft assemblies. Allows smoother rotation at extreme steering angles.



Front spool with replaceable hardened steel outdrives. Hardened steel surface for minimum wear. CVA bone blade is no longer necessary, eliminating failure of the blade under impact.



Dual bellcrank steering system with low center of mass. Floating servo mount. Titanium turnbuckles with eyelets for easy ballstud adjustment.



Ultra-lightweight carbon composite suspension components. Optimized suspension arm length and shock mounting positions. Independent arm mount design to allow maximum flex through entire chassis length, resulting in better grip on all track conditions



One-piece motor mount. Central mounting to allow free chassis flex in either direction. One-piece design ensures proper spur/pinion gear alignment.



RC10TC7.1 shown equipped with items NOT included in kit: Reedy motor, Reedy battery, Reedy ESC, servo, receiver, and pinion gear. Body, wheels, and tires are not included. Assembly and painting required.

New! RC10TC7.1 Factory Team Kit



Team Associated is proud to release the newest edition to our lineup of 1:10 scale 4WD electric touring car kits, the TC7.1 Factory Team. An evolution of its successful predecessor, the TC7 FT, the TC7.1 FT car kit comes packed full of the Factory Team options necessary to keep you racing at the highest level!

The touring car racing scene has evolved into a refined group of elite level race cars, and advancements in track surfaces and tire compounds have allowed the current generation of on-road cars more grip and higher corner speeds. The engineers behind the doors of Area-51 have been hard at work to make sure the TC7.1 has everything you need to keep you in front of the pack.

The primary focus for the TC7.1 FT was to allow for a lower center of mass to take advantage of the higher grip levels. Starting with the ultra-smooth short FOX® shocks with Genuine Kashima® Coat mounted low on the chassis, and rounding out with DCV drive shafts for the front end, no corners were left untouched to make the smoothest power delivery and optimal load transfer. Other key features include a narrow chassis with optimized flex characteristics, one-piece motor mount, floating servo mount, and rear gear diff for maximum performance and minimal maintenance.

A brilliant successor with a well-rounded evolution, it's easy to see that the TC7.1 FT kit is another Champion by Design!

RC10TC7.1 FT Features:

- Short FOX® shocks with Genuine Kashima® Coat
- DCV front drive shaft assemblies
- Front spool with replaceable hardened steel outrives
- Narrow chassis with optimized flex characteristics
- Ultra-lightweight carbon composite suspension components
- One-piece motor mount
- Efficient drive belts
- Dual bellcrank steering system with low center of mass
- Floating servo mount
- Vertical ballstud bearing caps
- Rear gear diff for maximum performance and minimal maintenance
- Titanium turnbuckles with eyelets for easy ballstud adjustment
- 22 precision ball bearings

RC10TC7.1 FT Specifications:

Scale	1:10
Power	Electric
Length	360mm / 14.2in
Width	*Varies
Weight (chassis only)	*508g / 1.12lbs
Wheelbase	253.5mm-257.5mm / 9.9in-10.1in
Drive	4WD

**Final width and weight will vary with the actual electronics and tires used to complete the RC10TC7.1 FT Kit*

See next page for more details about the features!

Items needed for operation:

- 1:10 scale electric motor and electronic speed control
- 7.4V LiPo battery
- Battery charger
- 2 channel surface transmitter, 2 channel receiver, and steering servo
- 1:10 scale Lexan® touring car body, 190mm width
- Lexan® specific spray paint for body
- 1:10 scale rubber (or foam) touring car tires



UPC: 784695 301214	#30121	RC10TC7.1 Factory Team Kit
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We recommend these items for the TC7.1 Factory Team Kit:

1:10 scale electric motor	#254	Reedy Sonic 540-M3 Motor 17.5 Spec
Electronic speed control	#27002	Reedy Blackbox 800Z Zero-Timing ESC
7.4V LiPo battery	#27301	Reedy Zappers 5600mAh 7.4V 100C
Steering servo	#27108	Reedy RS0806 LP Digital HV Hi-Speed Competition Servo

TC7.1 FT Key Features:

Short FOX® shocks with Genuine Kashima® Coat

- Short shock lowers overall center of mass allowing for more stability in high grip conditions
- Ultra-smooth Kashima® hard coating for minimal friction and extended wear
- Hard-coated shock shafts with polished finish
- Machined piston and bushing sets for the most precise build
- Updated bladder profile for consistent performance

DCV drive shaft assemblies included for front drive

- DCV (Dual Constant Velocity) drive shafts are double-cardon joints, allowing free rotation of drive shaft at extreme angles typical of the front drive due to addition of steering angle to suspension arm angle
- The use of DCV's results is smooth steering through larger corners by eliminating the chatter typical of standard CV axles

Front spool with replaceable hardened steel outrives

- Hardened steel surface for minimum wear
- CVA bone blade is no longer necessary, eliminating failure of blade under impact
- Steel spool outrive cups are replaceable in the event of failure

Narrow chassis with optimized flex characteristics

- 2.25mm graphite laminate for optimized flex characteristics
- A narrow 88mm wide chassis to minimize chassis dragging at maximum chassis roll angles
- Chassis ballast mass mounting locations to fine tune mass balance
- Updated chassis pockets for improved belt clearance

Ultra-lightweight carbon composite suspension components

- Carbon composite material used for the best combination of strength at minimized mass
- Optimized suspension arm length and shock mounting positions
- Pivot ball on inner hinge pin allows free pin movement at any toe or kickup angle
- Insert system for precise adjustment of toe and inner pin width
- Independent arm mount design to allow maximum flex through entire chassis length, resulting in better grip on all track conditions

One-piece motor mount

- Central mounting to allow free chassis flex in either direction
- One-piece design ensures proper spur/pinion gear alignment
- Floating spur helps to center flex point of top plate, giving better overall traction

Efficient drive belts

- Optimized length for better on-power steering
- Softer material for a more efficient drive train

Dual bellcrank steering system with low center of mass

- Low profile mounting for an overall lower center of mass
- Optimized Ackermann and steering rates
- Horizontal ballstuds for fine Ackermann adjustments
- 8 precision bearings for accurate swing motion

Floating servo mount

- Servo mounts to chassis center to allow equal chassis flex in both directions and a tweak-free assembly
- Mount ties to steering bellcrank posts for stable servo positioning
- Slotted servo mount design allows fit for almost any servo size

Vertical ballstud bearing caps

- Optimized position for inner ballstud
- Vertical ballstud orientation allows for fine adjustments of roll center height
- 3 link position options give precise control of camber gain

Rear gear diff for maximum performance and minimal maintenance

- Lightweight design
- Durable composite construction
- Optimized for a wide tuning window to maximize useable adjustability
- Hard-anodized aluminum outrives for low wear and long life

Titanium turnbuckles with turnbuckle eyelets for easy access to ballstud for adjustment

22 precision ball bearings