

For Immediate Release: February 23, 2022

## RC8B4e Team Kit

#80946



ELECTRIC ▪ OFF ROAD ▪ 1:8 SCALE ▪ 4 WHEEL DRIVE ▪ KIT

### PUSHING THE BOUNDARIES.

1:8 scale off road racing is one of the hobby's most challenging disciplines; it requires a high standard and demands attention to detail. The latest development to come from Associated Electrics' Area 51 is designed to push boundaries of performance and build upon the number of accolades accumulated by the RC8 series.

### SPECIFICATIONS

<b>Scale</b>	1:8
<b>Power</b>	Electric
<b>Length, with wing</b>	486mm (19.13")*
<b>Width</b>	304.5mm (11.99")*
<b>Weight</b>	Varies*
<b>Wheelbase</b>	321.5-329mm

\*Final width, length, and weight will vary based on electronics, tire configuration, wing position, and vehicle setup.

### ITEMS NEEDED TO COMPLETE

- 1:8 scale electric motor and speed control (#27405 Sonic 866 1900kV, #27007 Blackbox 805R)
  - One 4S shorty or two 2S shorty LiPo batteries (#27390 Zappers SG5 4S 6300mAh, #27382 Zappers SG5 2S 6400mAh)
  - Battery charger (suited for one of the batteries mentioned above. #27203 1416-C2L)
  - 2-channel surface transmitter, 2-channel receiver, and steering servo
  - Lexan® specific spray paint for body
  - 1:8 scale off-road wheels and tires
- Other helpful items:* Silicone Shock Fluid, Silicone Diff Fluid, Body Scissors (#1737), Reamer (#1499), FT Wrench Set (#1519), 5mm Hex Driver (#1506), Hobby Knife, Needle Nose Pliers, Wire Cutters, Soldering Iron, Calipers or a Precision Ruler.

UPC	Part No.	Description	MAP	MSRP	Available
784695809468	80946	RC8B4e Team Kit	\$669.99	\$979.99	April 2022

Download all zipped photos here: <https://bit.ly/34XWOjS> (10.6MB). Link is active for 30 days.

## HIGHLIGHTS



Wing has vertical fins and a taller rear lip for increased straight line stability and downforce

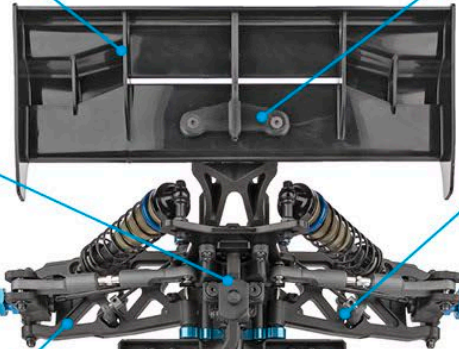
# RC8 B4e TEAM KIT



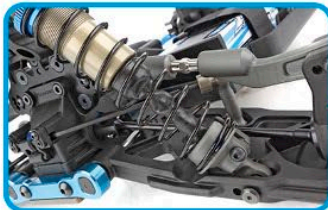
Wing mount features adjustable with angle shims, strength improvements, and aerodynamic shape



New front and rear gearbox designs are engineered for better drivetrain efficiency



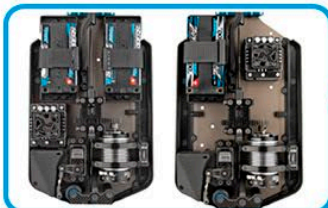
One-piece anti-roll bar link. New "stub" CVA axle with retainer sleeve and 93mm CVA bones



Front and rear suspension arms engineered with optimal flex and stiffness



New rear chassis brace is mounted centrally to the gearbox, which reduces material fatigue



New chassis layout featuring two battery configurations: two 2S shorty or one 4S shorty



Inline center driveshafts and center diff for superior drivetrain efficiency



16mm shocks equipped with improved material for locking spring cups and camber link rod ends



Front upper arm includes a unique optional molded "wing" insert for increased front-end downforce



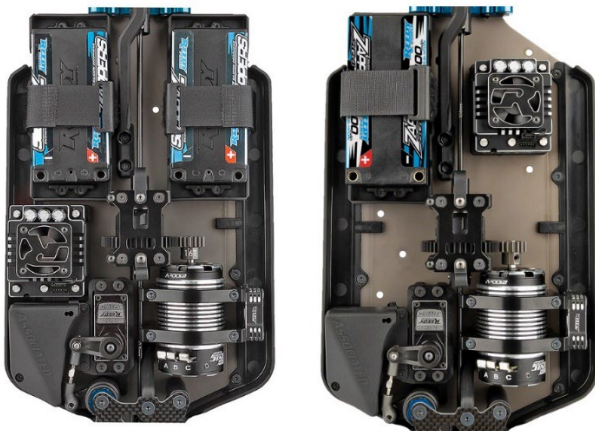
Innovative front-end geometry with new 8° inclined kingpin steering blocks

Due to ongoing R&D, photos may not match final kit. Vehicle shown on these pages equipped with items NOT included in kit: Reedy motor, battery, ESC, servo, receiver, wheels, tires, body, and pinion gear. Assembly and painting required.



## RC8B4e TEAM KIT FEATURES

- Innovative front-end geometry with reduced inclined kingpin steering blocks are paired with a new wider upper suspension arm pivot for improved steering balance and predictable handling in all conditions
- New gearboxes are specific to front and rear with larger 6x13x5 mm flanged bearing sizes resulting in longer life of ring and pinion gears. The front gearbox has an inclined pinion gear angle to straighten the center driveshaft for increased drivetrain efficiency and reduced phasing and vibration while the rear gearbox remains flat.
- Front and rear suspension arms engineered to accommodate a wide range of flex and stiffnesses
- One-piece anti-roll bar links mounted in-line with anti-roll bar with BHC for simplified assembly
- Front upper arm includes a unique optional molded “wing” insert for increased front-end downforce
- New rear wing mount has adjustable wing angle shims, significant strength improvements, an aerodynamic shape, and extra clearance for shock position adjustment
- The adjustable rear wing has more vertical fins for increased straight-line stability, a taller rear wicker lip height for increased downforce and increased strength in various areas to reduce bending fatigue
- New rear chassis brace is mounted centrally to the gearbox, which reduces material fatigue, centralizes shear forces, and improves the life of rear end drivetrain parts while allowing for three different chassis flex options
- New rear hub features a symmetrical left and right common design with axle height inserts for adjustable roll center tuning
- New captured CVA drive shafts design front and rear with center dogbone driveline
- New chassis layout featuring two shorty-style only battery configurations. Both configurations include a centrally mounted center differential and in-line center driveshafts for superior drivetrain efficiency and equalized chassis balance.
- Battery configurations are: Two 2S shorty “saddle pack” for lowest CG and exceptional weight bias, or one 4S shorty for simplified setup and more centralized weight bias
- New RC8B4e specific side guards are narrower and feature integrated wire routing clips
- +2° steering block arms
- V3 differentials with 42T ring and 12T pinion gears for improved gear ratios
- RC8B3.2 split center diff mounts with aluminum center top plate
- 16mm shocks equipped with locking spring cups and rod ends in improved material, V2 springs, ‘stiff’ style shock bladder, combination bleeder/emulsion caps, and blue aluminum threaded collars
- RC8B3.2 narrow C and D arm mounts



*Two battery configurations possible*



**WATCH THE VIDEO!** <https://youtu.be/fHMK9m1Z7Qk>

**RC8  
B4e  
TEAM KIT**



## MAJOR WINS FOR THE RC8 PLATFORM, 2009-2022

Event	Location	Driver, vehicle
2009 R.O.A.R. 1:8 Fuel Off-Road National Championship	Leisure Hours Raceway; Joliet, IL	Ryan Maifield, RC8T
2010 R.O.A.R. 1:8 Electric Off-Road National Championship	NorCal Hobbies; Union City, CA	Ryan Maifield, RC8Be
2011 R.O.A.R. 1:8 Fuel Off-Road National Championship	Thunder Alley R/C Raceway; Beaumont, CA	Ryan Maifield, RC8T
2011 R.O.A.R. 1:8 Fuel Off-Road National Championship		Ryan Cavaliere, RC8B
2015 Neo-X 1:8 Fuel Off-Road Championship	Harper Adams University; Shropshire, England	Ryan Cavaliere, RC8B3 Prototype
2016 R.O.A.R. 1:8 Fuel Off-Road Nationals	Thornhill Racing Circuit; Hutto, TX	Spencer Rivkin, RC8B3
2016 R.O.A.R. 1:8 Electric Off-Road National Champion	Stateline R/C Raceway; Fremont, IN	Spencer Rivkin, RC8T3e
2017 AARCMCC Australian National Title, SDMCC	Morphett Vale, South Australia	Kyle McBride, RC8B3.1
2017 Neo17 1:8 Fuel Off-Road Championship		Davide Ongaro, RC8B3.1
2018 I.F.M.A.R. World Championship, MORBC Track	Perth, Australia	Davide Ongaro, RC8B3.1
2019 A-Main Hobbies Manufacturers Cup Pro Nitro Buggy	Silver Dollar R/C Raceway, Chico, CA	Spencer Rivkin, RC8B3.1
2019 A-Main Hobbies Manufacturers Cup Pro Electric Buggy	Silver Dollar R/C Raceway; Chico, CA	Spencer Rivkin, RC8B3.1e
2019 R.O.A.R. 1:8 Fuel Off-Road Nationals	Thornhill Racing Circuit; Hutto, TX	Spencer Rivkin, RC8B3.1
2019 RCGP Series Championship	Thunder Alley R/C Raceway; Beaumont, CA	Davide Ongaro, RC8B3.1
2019 Italian 1:8 Nitro Championship	Pista RC "Casa Mora," Castiglione della Pescaia	Davide Ongaro, RC8B3.1
2020 Motorama	Harrisburg, PA	Cole Tollard, RC8B3.1e & RC8T3.1e
2021 Psycho Nitro Blast	White Pine, TN	Spencer Rivkin, RC8T3.2 & RC8B3.2e
2021 Buggyland 8.0	Madrid, Spain	Davide Ongaro, RC8B3.2 & RC8B3.2e
2021 iBuggy Challenge	Barcelos, Portugal	Davide Ongaro, RC8B3.2
2022 Montpellier GP	Montpellier, France	Davide Ongaro, RC8B3.2



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