AE RC10 B6.4

Setup: B6.4 Astroturf Setup · Keaton Hepponstall · Aug 10, 2022

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EVENT

Event	Practice
Class	17.5T Stock 2WD Buggy

TRACK

Track	Cruizin With Rc's
Type	Outdoor astroturf
Grip / moisture	Medium / Dusty/Dry
Surface / layout	Bumpy/Medium / Medium
Air temp	75°F (24°C)
Track temp	75°F (24°C)

RESULTS

Race type	Practice

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering block arm	+1mm
Anti-roll bar	1.0mm Blue
Arms	Gull-wing
Axle height: steering block shims	+1 mm
Bump steer: outer steering link shims	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner link location	2 - Outside
Inner link shims	1 mm
Outer link location	A - Inside
Caster: caster block inserts	+5 degrees
Kick-up: bulkhead	0 degrees
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering stop spacers	0 mm
Tower	B6.3 Gull-wing
Trail: steering block	4 mm
Wheelbase: caster block shims	Long (hub forward)

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Cut Stagger “Low Profile”	Shumacher Mezzo, Mini Dart
Tire compound	Yellow	Medium Inserts Yellow
Tire insert	No Insert	Schumacher Medium foams
Wheel brand / type	JConcepts Mono Wheels	JConcepts Mono Wheels
Tire prep - F/R	CLEAN TIRES BEFORE GLUEING !!	

NOTES Schumacher Tires last about 2 race days, 3+ days for practice days

REAR SUSPENSION

Anti-roll bar	1.3mm Gray
Arms	73mm
Axle height: hub inserts	+3 mm
C mount	Wide aluminum
C mount inserts	1 out
Camber	-1 degrees
CAMBER LINK	
Inner link location	2 - Middle
Inner link shims	4 mm
Outer link shims	2 mm
Outer mount shims	2 mm
D mount	Wide aluminum
D mount inserts	0 center
Differential height	3 mm
Hubs	Plastic
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	Wide
Track: wheel hexes	5mm
WHEELBASE	
Arm shims	Long (arm back)
Hub shims	Middle

DRIVETRAIN

Clutch pads	2 x 11mm ID Octalock LCF
Clutch type	Slipper; HD B6.3
Differential fluid	5,000 cst
Differential fluid brand	Team Associated
Differential type	Gear
Drive ratio - internal	2.60
Driveshafts	69mm
Spur	72 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES 5,000 CST oil for DIFF !!

Metal Internal Gears

SHOCKS

	FRONT	REAR
Cup offset	5 mm	0 mm
Eyelet length	+2 mm	+4 mm
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	35 wt	30 wt
Pistons	2mm 2x1.6mm holes	2mm 2x1.7mm holes
Springs	4.0lb Red	2.2lb Blue
Stroke	21 mm	27.5 mm
Shock oil brand	Team Associated	

NOTES 35 AE WT Used for the Front Shocks

30 AE WT for the Rear Shocks

RED springs for the front

Blue Springs for the rear

+2 eyelet length for the front shocks

+4 eyelet length for the rear shocks

5mm long front shock spring cups

0mm long rear shock spring cups

BODY & CHASSIS

	FRONT	REAR
Wing	B6.2	B6
Battery position	Front hole / 5	
Body	B6.4	
FLEX		
Chassis	B6.4 +3mm	
Chassis side rails	Standard	
Top plate	Standard	
Rear wing angle	6 degrees	
Screws & turnbuckles	KIT !!	
Weights	Chassis: 33g steel, 24g steel	

NOTES Normal Body Shell Weight

+3mm Carpet Chassis

ELECTRONICS

Battery brand	**Reedy**
Battery C rating	**115, 120 C**
Battery capacity	**4800, 6100 mAh**
Battery model	**Shorty Zappers**
ESC brand	**Hobbywing**
ESC model	**Hobbywing XR10 (60 amp) juststock**
ESC settings	**Zero Timing Blinky NO BOOST !**
Motor brand	**Fantom**
Motor model	**Team Works Edition**
Motor timing	**40 degrees**
Motor wind	**17.5 turns**
Radio brand	**Spektrum**
Radio model	**DX5C**
Receiver brand	**Spektrum**
Receiver model	**SR215**
Servo brand	**Savox**
Servo model	**1258TG**
Transponder ID	**2095364**