XRAY XB2C '22

Setup: Region 5 Roar race 2023 · Rob Kulza (X-ray) · Sep 11, 2023

so dialed
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EVENT		TRACK		RESULTS	
Event	Region 5 roar	Track	Rc one	Race type	Main
Class	17.5 2w buggy	Type	Indoor carpet	Race number	A
		Grip / moisture	High	Finish	6th
		Surface / layout	Medium		

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	2 mm
Steering arms	2 slots
Anti-roll bar	1.0mm
Arms	LSM Hard (#322113-H / 23-H)
Axle height	Long bushing down
Bump steer: outer steering link shims	2 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	4 - Outside
Inner stud shims	2 mm
Outer stud location	B - Outside
Caster block	Hard (#322210-H / 220-H)
Caster: hub carrier inserts	5 degrees
Kick-up: suspension mount	Aluminum 26 deg
Ride height	14 mm
Roll center holder	Hard
Servo horn stud shims	3 mm
SHOCKS	
Arm mount	Ball rearward
Arm mounting hole	A - Inside
Tower mounting hole	4
Steering blocks	Hard
Steering plate orientation	Ball studs rearward (dirt)
Toe	-1 degrees
Tower	Graphite 3.5mm
Track: wheel hexes	3 slots +2.25mm
Wheelbase: hub carrier shims - F/R	0/2 mm

ELECTRONICS

Battery brand	Fantom
Battery capacity	4800 mAh
Battery model	Mvs 3.0 lcg
Motor brand	Fantom
Motor model	Helix
Motor timing	48 degrees
Motor wind	17.5 turns

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms	Hard (#363112-H / 122-H)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	Alum mount / 1 - Inside
Inner stud shims	2 mm
Outer mount shims	2 mm
Outer stud location	Kit mount - Outside
Outer stud shims	4 mm
Differential height	1 dot down
Hub	Hard
Hub inserts (track/axle height)	1 down and out
RF mount inserts	1 up and in
Ride height	14 mm
Roll center holder	Aluminum
RR mount inserts	1 out
RR mount shims	2 mm
Shock location	Front of arm
SHOCKS	
Arm mount	Ball rearward
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	Graphite LCG 4mm 4-hole
Track: wheel hexes	6 slots +4.5mm
WHEELBASE	
Arm shims - F/R	2 / 0 mm
Hub shims - F/R	2/1 mm

TIRES

	FRONT	REAR
Tire brand / type	Jconcepts pin swag	Jconcepts fuzz bite

SHOCKS

	FRONT	REAR
Caps	Kit	Kit
Collars	Standard	Standard
Limiters - int/ext	0 / 2 mm	0 / 2 mm
Oil weight	500 cst	400 cst
Pistons	2 x 1.6mm	2x1.7+1x1.0
Rebound	0 %	0 %
Springs	42mm Linear 3 dot	57mm Linear 2 dot
Stroke	24.5 mm	31.5 mm

Shock oil brand: XRAY

DRIVETRAIN

Differential balls	Carbide
Differential fluid	100,000 cst
Differential fluid brand	HUDY
Differential mass	13.22 g
Differential type	Steel - 2 gear
Drive ratio - internal	2.65
Drive type	Slipper
Driveshafts	77mm
Gearbox	Front motor LCG composite
Pinion	34 teeth
Slipper clutch pads	3
Slipper clutch tightness	0 mm
Spur	75 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	None	Tec

Body	Gamma 2C 0.75mm
Chassis	Mid
FLEX	
Side guard brace screws	1 - Front, 2, 3
Side guard screws	1 - Front, 2, 3, 4, 5
Rear wing mount position	Middle
Rear wing trim	Cutting line: 3 Side line: high
Servo position	2 - Middle
Upper brace	LCG Composite
Weight: battery	None