XRAY XB2C '22

Setup: Region 5 Roar race 2023 · Rob Kulza (X-ray) · Mar 13, 2024

so dialed
Open/save in RC Setup App →

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EVENT		TRACK		RESULTS	
Event	Roar region 5	Track	Rc one	Race type	Main
Class	40+ 2w open	Type	Indoor carpet	Race number	A
		Grip / moisture	High	Finish	3rd
		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	Ae horn with built in spacing 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

ESC SETTINGS

Throttle: Frequency	12k kHz

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	Aluminum
Hub inserts (track/axle height)	1 down and in
RF mount inserts	1 up and in
Ride height	14 mm
Roll center holder	Aluminum
RR mount inserts	1 up and 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 swagger	Jconcepts fuzz bite

ELECTRONICS

Battery brand	Fantom
Battery capacity	6400 mAh
Battery model	Mvs 3.0
ESC brand	Fantom
ESC model	Fr-10 pro 2.0
Motor brand	Fantom
Motor model	Helix
Motor timing	42 degrees
Motor wind	10.5 turns

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 5 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	25 teeth
Slipper clutch pads	3
Slipper clutch tightness	0 mm
Spur	78 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