XRAY XB4C '22

Setup: Roar Region 5 race · Rob Kulza (X-ray) · Sep 10, 2023

so dialed
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EVENT		TRACK		RESULTS	
Event	Roar region 5 race	Track	Rc one	Race type	Main
Class	13.5 4w buggy	Type	Indoor clay	Race number	A
		Grip / moisture	Medium	Finish	7th

FRONT SUSPENSION

Ackermann: inner steering link location	1 - Back
Anti-roll bar	1.8mm
Arms	Graphite
Axle height: steering block bushings	Long bushing up
Bumpsteer: steering link shims - in/out	2/2 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Top
Outer stud shims	2 mm
Caster blocks	7 deg Aluminum (#362232/42)
Differential height	1 dot up - high
FF mount inserts	1 up and out
FR mount inserts	1 out
Ride height	14 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Steering blocks	Aluminum
Steering center link	Graphite
Steering plate	Aluminum
Toe	-1 degrees
Tower	Graphite
Track: wheel hexes	2 slots +1.5mm
Wheelbase: arm shims - F/R	2 / 0 mm

TIRES

	FRONT	REAR
Wheel brand / type	Kit	Kit

REAR SUSPENSION

Anti-roll bar	1.8mm
Arms	Long graphite (#363113-G / 23-G)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Outer stud location	A - Inside
Outer stud mount orientation	Protrusion inward
Outer stud mount spacers	2 mm
Outer stud shims	2 mm
Differential height	3 dots down - high
RF mount inserts	1 up and out
RF/RR mount orientation	Up
Ride height	14 mm
RR mount inserts	1 in
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Tower	Graphite
Track: wheel hexes	3 slots +2.25mm
Upright inserts (track/axle height)	0 center
Uprights	Hard
WHEELBASE	
Arm shims - F/R	2 / 0 mm
Hub shims - F/R	1/2 mm

BODY & CHASSIS

	FRONT	REAR
Wing	–	v2 1.0mm
Battery post - front	1 - Front	
Body	Gamma 4C 0.75mm	
Central bulkhead	Composite	
Chassis brace - front	Hard with T-brace	
Chassis brace - front screws	1 - Front, 2, 3	
Chassis brace - rear	Hard with graphite	
Chassis brace - rear screws	1 - Front, 2, 3, 4	
Chassis side guards	Hard	
Rear wing position	Up	
Rear wing side dam trim	High	
Rear wing trim line	3	

SHOCKS

	FRONT	REAR
Caps	Kit	Kit
Limiters - int/ext	0 / 2 mm	2 / 0 mm
Oil weight	600 cst	500 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Spring cups	Standard	Standard
Springs	42mm Linear 4 dot	57mm Linear 3 dot
Stroke	22 mm	27 mm
Shock oil brand	XRAY	

DIFFERENTIALS

	FRONT	REAR
Diff crown gear	40T	40T
Diff fluid	20,000 cst	20,000 cst
Diff mass	13.07 g	13.07 g
Diff type	Graphite gear	Graphite gear
Center diff type	Slipper clutch	

DRIVETRAIN

Central slipper clutch tightness	13 mm
Drive ratio - internal	2.5
Driveshaft - center front	47mm
Driveshaft - center rear	117mm
Driveshafts - front	83mm CVD
Driveshafts - rear	75mm
One-way slipper clutch tightness	1 turn
Pinion	26 teeth
Spur	78 teeth

ELECTRONICS

Battery brand	Fantom
Battery capacity	4400 mAh
Battery model	Lcg 4400 graphine