XRAY XB4 20

Setup: My Base Setup · Adam Vink · Nov 9, 2020

so dialed
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TRACK	
Track	The Track
Type	Indoor clay
Grip / moisture	Medium / Dusty
Surface / layout	Smooth / Medium

RESULTS	
Best lap	17.666 s

FRONT SUSPENSION

Anti-roll bar	1.2mm
Arms	Long hard
Axle height: steering block spacers	Middle
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud spacers	0 mm
FF mount	Aluminum narrow
FF mount inserts	1 down and out
FR mount	Aluminum narrow
FR mount inserts	1 down and out
Hub carrier (C-Hub)	12 deg Aluminum (#362234 / 44)
Ride height	18 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Steering blocks	Hard
Steering center link	Aluminum
STEERING LINK	
Inner stud location	1 - Back
Inner stud spacers	5 mm
Outer stud spacers	2 mm
Toe	-0.5 degrees
Tower	Graphite 3.5mm
Track: wheel hexes	1 slot +0.75mm
Wheelbase: arm spacers	Long (arm forward)

BODY & CHASSIS

	FRONT	REAR
Wing	None	Jconcepts

Battery position	Front
Body	Alpha 0.5mm
Central bulkhead	Composite
Chassis	2.0mm
Chassis brace - front	Hard
Chassis brace - rear	Hard
Chassis brace - rear upper deck	Graphite
Chassis side guards	Wallie Builds carbon
Motor position	Front
Rear wing trim line	Line 3
Weight: battery	None
Weights	26g behind motor 5g in front of ESC 10g behind servo

REAR SUSPENSION

Anti-roll bar	1.3mm
Arms	Long hard (#363113-H / 23-H)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	A - Inside
Outer stud mount orientation	Protrusion outward
Outer stud mount spacers	0 mm
Outer stud spacers	4.5 mm
Gearbox spacer	No
Hub	Hard
Hub inserts (track/axle height)	1 down and out
RF mount	Aluminum narrow 1 deg
RF mount inserts	0.5 down and in
Ride height	18 mm
RR mount	Aluminum narrow
RR mount inserts	0 - center
Shock location	Front of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Tower	Graphite
Tower location	Front
Track: wheel hexes	2 slots +1.5mm
WHEELBASE	
Arm spacers	Front 0mm / rear 2mm - short
Hub spacers	Front 1mm / rear 2mm

TIRES

	FRONT	REAR
Tire brand / type	AKA	AKA
Tire compound	Clay	Clay
Tire insert	Closed-cell	Closed-cell
Tire prep	TDK G2	TDK G2
Wheel brand / type	Kit	Kit

SHOCKS

	FRONT	REAR
Bodies		Kit
Caps	Kit	Kit
Limiters (external)	0 mm	2 mm
Limiters (internal)	2 mm	0 mm
Oil weight	47.5 wt	40 wt
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Shafts		Kit
Springs	45mm Linear 3 dot	60mm Linear 2 dot
Stroke	23.5 mm	28.5 mm

Shock oil brand	Team Associated

DIFFERENTIALS

	FRONT	REAR
Diff case	Composite	Composite
Diff crown gear	Steel	Steel
Diff fluid	7,000 cst	5,000 cst
Diff gears	Graphite	Graphite
Diff mass	13.30 g	13.30 g

Center diff fluid	200,000 cst
Center diff gears	Graphite
Diff fluid brand	Hudy

DRIVETRAIN

Drive gear - front	Steel CNC Machined, 16T
Drive gear - rear	Steel CNC Machined, 16T
Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	CVD 83mm
Driveshafts - rear	75mm
Driveshafts - rear axle pin position	3
Pinion	24 teeth
Slipper clutch tightness	0.5 mm
Spur	78 teeth

ELECTRONICS

Battery brand	**IP**
Battery C rating	**120**
Battery capacity	**4400 mAh**
ESC brand	**Muchmore**
ESC model	**Fleta V2**
Motor brand	**R1**
Motor model	**V21**
Motor timing	**46 degrees**
Motor wind	**13.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA throttle	**100 %**
Radio model	**MT44**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**482**
Servo brand	**ProTek RC**
Servo model	**160T**
Transponder ID	**9755115**