XRAY XT4 '23

Setup: Base Setup December 2022 · Ricky Robbins (Robbins RC) · Jan 20, 2023

so dialed
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EVENT	
Event	Club

TRACK	
Track	Peppertree
Type	Outdoor hard-packed
Grip / moisture	Medium / Wet
Surface / layout	Medium / Tight
Air temp	55°F (13°C)
Track temp	55°F (13°C)

FRONT SUSPENSION

Ackermann: inner steering link location	1 - Back
Anti-roll bar	1.8mm
Arms	Medium
Axle height: steering block bushing	Top bushing (LRC)
BUMP STEER	
Inner steering link shims	2 mm
Outer steering link shims	0 mm
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	2 - Top
Outer link shims	2 mm
Differential height	3 up
FF mount inserts	0 - center
FR mount inserts	0 - center
Hub carriers	9 deg Hard (#362210-H / 20-H)
Ride height	25 mm
Servo saver pre-load	1 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	3 - Outside
Steering block	Hard
Steering center link	Composite
Toe	+1 degrees
Tower	Graphite 3.5mm
Track: wheel hexes	0 slots 0mm
Wheelbase: arm shims	0 mm

TIRES

	FRONT	REAR
Tire brand / type	Rawspeed super mini	Rawspeed Super Mini
Tire compound	SS	SS
Tire insert	Rs	Rs
Wheel brand / type	Xray	Xray

REAR SUSPENSION

Anti-roll bar	1.8mm
Arms	Medium
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	2 - Top
Outer link location	A - Inside
Outer link mount spacers	0 mm
Outer link spacers	2 mm
Differential height	3 up
Hub inserts	0 center
Hubs	Hard
RF mount inserts	0 - center
RF/RR mount orientation	Down
Ride height	25 mm
RR mount inserts	0 - center
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	5 - Top middle
Tower	Graphite 3.5mm
Track: wheel hexes	6 slots +4.5mm
WHEELBASE	
Arm shims	2 mm
Hub shims	2 mm

BODY & CHASSIS

Battery posts	Front 3, Rear 4
Body	XT4
FLEX	
Chassis	Aluminum 2mm
Chassis side guards	Hard
Front chassis brace screws	1 - Front, 2, 3
Rear chassis brace	Hard
Rear chassis brace graphite	Yes
Rear chassis brace screws	1 - Front, 2, 3
Rear wing	XB4 1.0mm
Rear wing mount position	Up
Rear wing trim	Rear cutting line: 3, Side dam: high
Weights	LF: RF: RR: LR: Other:

SHOCKS

	FRONT	REAR
Oil weight	650 cst	450 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Spring cups	Composite	Composite
Springs	45mm Linear 4 dot	60mm Linear 3 dot
Stroke	27.5 mm	36.5 mm

Front limiters - int/ext	2 / 2 mm
Rear limiters int/ext	0 / 4 mm
Shock oil brand	XRAY

DIFFERENTIALS

	FRONT	REAR
Diff crown gear	Steel 40T	Steel 40T
Diff fluid	10,000 cst	10,000 cst
Diff gears	Graphite	Graphite
Diff mass	13.30 g	13.30 g
Diff type	Standard	Standard

Center diff fluid	100,000 cst
Center diff gears	Composite
Center diff mass	12.97 g
Center diff type	Standard

DRIVETRAIN

Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - front	91mm
Driveshafts - rear	94mm
Driveshafts - rear axle pin position	3
Pinion	25 teeth
Spur	81 teeth

ELECTRONICS

Battery brand	Zee
Battery capacity	6000 mAh
Battery model	Gold label hv
Motor model	Hobbywing 540 4 pole