XRAY X4 '24

Setup: Kit - US Black Carpet · Drew Ellis (XRAY) · Oct 30, 2023

so dialed
Open/save in RC Setup App →

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TRACK

Track	ProlevelRC
Type	Indoor carpet
Grip / moisture	High
Surface / layout	Medium

FRONT SUSPENSION

ACKERMANN

Inner steering link shims	0.5 mm
Steering arms	Standard
Steering plate	8mm
Anti-roll bar	1.3 mm
Arms - lower	Hard (#302182/3-H)
Arms - upper	Med (#302134/44-M)
Axle height: hub shims	0.5 mm
Bump steer: outer steering link shims	2 mm
Camber	-2 degrees

CAMBER LINK

Inner shims	2 mm
Outer shims	2 mm
Caster bushings	4 degrees - 2 dot
Differential height	Low
Downstop	6.2 mm
FF mount shims	2 mm
FR mount shims	2 mm
Hubs	Graphite
Ride height	5 mm
Servo arm type	Servo saver
Servo saver shims	4 mm
Servo saver stud radius	19 mm
Shock tower mount screws	Both
Shocks: tower shims	4 mm
Steering lock	26 deg - 7.5mm shim
Toe out	2 degrees

TRACK

Wheel hexes	+0mm
Wheel shims	0 mm

ELECTRONICS

Motor timing	35 degrees
Motor wind	17.5 turns

REAR SUSPENSION

Anti-roll bar	1.2 mm
Arms - lower	Hard (#303182/3-H)
Arms - upper	Med (#302134/44-M)
Axle height: hub shims	1 mm
Camber	-2 degrees

CAMBER LINK

Inner stud shims	1.5 mm
Outer stud shims	2 mm
Caster bushings	2.5 degrees - 3 dot forward
Differential height	Low
Downstop	4.6 mm
Hubs	Graphite
RF mount shims	2 mm
Ride height	5.2 mm
RR mount shims	2 mm
Shock tower mount screws	Both

SHOCKS

Holder type	Fixed
Tower shims	4 mm
Toe gain: ARS link outer shims	2.5 mm
Toe in	2.5 degrees

TRACK

Wheel hexes	+0mm
Wheel shims	0 mm

TIRES

	FRONT	REAR
Tire additive	SXT	SXT
Tire additive area	In, Mid-in, Mid-out	In, Mid-in, Mid-out, Out
Tire additive timing	5 min	5 min
Tire brand / type	Gravity RC Type C	Gravity RC Type C
Tire warmer time	0 min	0 min

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Oil weight	350 cst	350 cst
Pistons	4x1.1mm	4x1.1mm
Rebound	25 %	25 %
Springs	2.5-2.8C	2.6C
Stroke	8.5 mm	8.5 mm

Shock oil brand	XRAY

DRIVETRAIN

Belts	Standard
Diff fluid brand	XRAY

DIFFS

Front type	Solid axle
Rear fluid	8,000 cst
Drive ratio - internal	1.9
Driveshafts - front	58mm BB ECS
Driveshafts - rear	54mm BB CVD
Gear pitch	64
Pinion	29 teeth
Spur	110 teeth

BODY & CHASSIS

BODY MOUNTS

Front height	7th hole + 2mm
Front post-to-window distance	67 mm
Rear bumper height	65 mm
Rear type	Horizontal
Body stop height	18.5 mm
Bumper	Light and strong

FLEX

Chassis	Aluminum
Chassis T-brace	No
Motor mount screws	1 - Front, 2, 3, 4, 5
Servo mount	Forward
Steering bridge brace	No
Top deck	Front '23 with bridge, Rear '23
Top deck screws	1 - Front, 2, 3
Motor shims	0 mm
Rear wing side dam	Yes
Weight balance - F/R	50 / 50
Weight: total	1320 g