XRAY X4 '23

Setup: XRAY US Black Carpet Base · Martin Hudy (XRAY) · Oct 30, 2022

so dialed
Open/save in RC Setup App →

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TRACK

Track	Pro Level RC
Type	Indoor carpet
Grip / moisture	High

FRONT SUSPENSION

ACKERMANN

Inner steering link shims	0.5 mm
Steering plate	8mm
Anti-roll bar	1.3mm
Arms - lower	Hard (#302180/1-H)
Arms - upper	Medium (#302133/43-M)
Axle height	0.5 mm
Body stop	18.5 mm
Bump steer: outer steering link shims	3 mm
Camber	-2 degrees

CAMBER LINK

Inner shims	2 mm
Outer shims	2 mm
Caster bushings	4 degrees - 2 dot
Differential height	Low
Downstop	6.0 mm
FF mount shims	1.5 mm
FR mount shims	1.5 mm
Ride height	5.0 mm
Servo arm type	Servo horn
Servo saver shims	8 mm
Servo saver stud radius	19 mm
Shocks: tower mount holes	1 - Inside
Steering blocks	Graphite
Steering lock	26 deg - 7.5mm shim
Toe	-2 degrees

TRACK

Wheel hexes	+0mm
Wheel shims	0 mm
Upper clamps	0mm

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms - lower	Hard (#303180/1-M)
Arms - upper	Medium (#302133/43-M)
Axle height	1 mm
Camber	-2 degrees

CAMBER LINK

Inner stud shims	1.5 mm
Outer stud shims	2 mm
Caster bushings	3.5 degrees - 3 dot rearward
Differential height	Low
Downstop	4.6 mm
Hubs	Graphite
RF mount shims	2 mm
Ride height	5.2 mm
RR mount shims	2 mm
Shocks: tower mount holes	2 - Outside
Toe	2.5 degrees
Toe gain: ARS link outer shims	6 mm

TRACK

Wheel hexes	+0mm
Wheel shims	0 mm
Upper clamps	0mm

SHOCKS

	FRONT	REAR
Foam inserts	No	No
Oil weight	400 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

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	10,000 cst
Diff mass	–	11.00 g

Diff fluid brand	XRAY
Front diff type	Solid axle
Rear diff gears	Kit

DRIVETRAIN

Belt - front	Standard
Belt - rear	Standard
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	Twister
BODY MOUNTS	
Front height	7th hole + 2mm
Front post-to-window distance	67 mm
Rear bumper height	64 mm
Rear type	Horizontal
Bumper	Light and strong
FLEX	
Chassis	Aluminum
Chassis brace	No
Front bulkhead brace	No
Front bulkhead shims	3 mm
Front cross brace	No
Motor mount screws	1 - Front, 2, 3, 4
Servo mount	Rearward
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	Twister
Rear wing side dam	No
Weight balance - F/R	50 / 50
Weights: standard	Motor mount - F Left 8g, Motor mount - F Right 4g, Motor mount - R Right 4g

TIRES

	FRONT	REAR
Tire additive area	In, Mid-in, Mid-out, Out	In, Mid-in, Mid-out, Out