XRAY X4 '23

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

so dialed
Open/save in RC Setup App →

Scan to open in the app

TRACK

Track	Hudy Arena
Type	Indoor carpet
Grip / moisture	Medium

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	1.5 mm
Outer shims	2 mm
Caster bushings	4 degrees - 2 dot
Differential height	Low
Downstop	6.4 mm
FF mount shims	2 mm
FR mount shims	2 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	2 - Outside
Steering blocks	Graphite
Steering lock	26 deg - 7.5mm shim
Toe	-1 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	0.5 mm
Outer stud shims	2 mm
Caster bushings	2.5 degrees - 3 dot forward
Differential height	Low
Downstop	5 mm
Hubs	Graphite
RF mount shims	2.5 mm
Ride height	5.2 mm
RR mount shims	2.5 mm
Shocks: tower mount holes	2 - Outside
Toe	3 degrees
Toe gain: ARS link outer shims	5.5 mm

TRACK

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

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

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	7,000 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	**65 mm**
Rear type	**Horizontal**
Bumper	**Light and strong**
FLEX	
Chassis	**Aluminum flex**
Chassis brace	**No**
Front bulkhead brace	**No**
Front bulkhead shims	**3 mm**
Front cross brace	**No**
Motor mount screws	**3, 4**
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	**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**
Tire brand / type	**–**	**Hudy**