XRAY T4 '20

Setup: JMR Base Setup · Robbie Dodge (RCAmerica / Xray / Hudy) · Mar 5, 2021

so dialed
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EVENT

Event	Club Race

TRACK

Track	John's Mobile Raceway
Type	Outdoor asphalt
Grip / moisture	Low / Dry
Surface / layout	Medium / Medium
Track temp	120°F (49°C)

FRONT SUSPENSION

Anti-roll bar	1.4mm
Arms	Graphite (#302173-G / 4-G)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Rear
Inner stud spacers	1.5 mm
Outer stud spacers	2.0 mm
Differential height	High
Downstop	5.6 mm
FF mount	Kit
FF mount inserts	0.5 out
FF/RF mount position	Inside
FR mount	Kit
FR mount inserts	0 center
Hub carriers (caster)	4 deg Graphite (#302383 / 4)
Ride height	5.2 mm
Servo saver arms	Aluminum
SHOCKS	
Arm mount spacers	1.0 mm
Arm mounting hole	B - Bottom
Tower mount spacers	4.0 mm
Tower mounting hole	2 - Middle
Steering blocks	Graphite
STEERING LINK	
Inner stud spacers	1.0 mm
Outer stud location	2 - Back
Outer stud spacers	1.0 mm
Steering lock	28 degrees
Steering plate	8.5mm
Steering plate spacers	5 mm
Toe	+1.5 degrees
Tower	Avid Low
Wheel hex	+0mm
Wheelbase (arm spacers)	1.0 mm

REAR SUSPENSION

Anti-roll bar	1.3mm
Anti-roll bar stud location	B - Outside
Arms	Graphite (#303173-G / 4-G)
ARS link position	Low: susp mount to arm bottom
ARS LINK	
Inner spacers	0 mm
Outer spacers	1.0 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Front
Inner stud spacers	1.5 mm
Outer stud location	A - Inside
Outer stud spacers	1.0 mm
Differential height	High
Downstop	4.4 mm
Hubs	Active 2 deg (#302351 / 2)
RF mount inserts	1 out
RF mounts	Kit
RF/RR mount position	Inside
Ride height	5.4 mm
RR mount	Kit
RR mount inserts	0.5 up and in
SHOCKS	
Arm mount spacers	1.0 mm
Arm mounting hole	B - Bottom
Tower mount spacers	2.0 mm
Tower mounting hole	2 - Middle
Tower	Avid Low
Wheel hex	+0mm
Wheelbase (arm spacers)	1.0 mm

NOTES 3° static toe
0.5mm shim under RF mounts.

SHOCKS

	FRONT	REAR
Oil weight	400 cst	400 cst
Pistons	3 x 1.1mm	3 x 1.1mm
Rebound	0 %	0 %
Shock type	Ultra low-profile	Ultra low-profile
Springs	2.6	2.7
Shock oil brand	XRAY	

NOTES 2x 1.5mm holes in plastic caps

DIFFERENTIALS

	FRONT	REAR
Diff fluid	N/A cst	5,000 cst
Diff mass	–	9.40 g
Diff fluid brand	XRAY	
Rear diff gears	Kit	

DRIVETRAIN

Belt - front	Standard
Belt - rear	Standard
Drive ratio - final	3.68
Drive ratio - internal	1.9
Driveshaft adapters - front	BB
Driveshaft adapters - rear	Aluminum
Driveshafts - front	ECS BB 52mm
Driveshafts - rear	Aluminum 50mm
Front drive type	Solid axle
Pinion	49 teeth
Spur	95 teeth

BODY & CHASSIS

Battery holder	Graphite/Brass Adjustable
Battery position	Center
Body	DBX 0.5mm
Body mounts - front	+0mm
Body mounts - front eccentric	+0mm
Body mounts - rear	+0mm
Body position	Middle
Bumper	Light and strong
Bumper holder - upper	Graphite
Chassis	Graphite
Chassis brace	Brass 15g
Chassis brace screws	Medium (center)
Rear wing	DBX 0.5mm
Servo position	Standard
Top deck	2.0mm Graphite
Top deck flex	Bushing - stiff
Top deck spacers	0 mm
Weight balance (F/R)	50 / 50
Weight: total	1350 g
Weights	Front: 0g / Front left: 10g / Front right: 10g / Battery: 0g / Rear left: 0g / Rear right: 11g
Wheelbase	0 mm

NOTES Body 8-10mm forward

TIRES

	FRONT	REAR
Tire additive	Tweak	Tweak
Tire brand / type	Team Powers	Team Powers
Tire compound	32R	32R
Tire prep	Clean with MGY. Warm for 20 mins at 120°F Remove warmers at start of race before.	Clean with MGY. Warm for 20 mins at 120°F Remove warmers at start of race before.
Wheel brand / type	Team Powers	Team Powers

ELECTRONICS

Battery brand	R1
Battery C rating	120
Battery capacity	6000 mAh
ESC brand	Tekin
ESC model	RS Pro
ESC settings	Idk, it’s Omar’s car.
Motor brand	R1
Motor Kv constant	2575 Kv
Motor model	V21
Motor timing	47.5 degrees
Motor wind	21.5 turns
Radio brand	Sanwa/Airtronics
Radio EPA throttle	100 %
Radio model	M12s
Receiver brand	Sanwa/Airtronics
Receiver model	481
Steering servo brand	MKS Servos