XRAY T4 '21

Setup: Jackson Base Setup · Robbie Dodge (RCAmerica / Xray / Hudy) · Nov 4, 2022

so dialed
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EVENT	
Class	Mod TC

TRACK	
Track	Jackson RC
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	85°F (29°C)
Track temp	105°F (41°C)

RESULTS	
Best lap	13.3 s

FRONT SUSPENSION

Anti-roll bar	1.3mm
Arms	Graphite (#302173-G / 4-G)
C-hubs (caster)	4 deg Graphite (#302383 / 4)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Rear
Inner stud spacers	1.0 mm
Outer stud spacers	2.0 mm
Differential height	High
Downstop	5.4 mm
FF mount inserts	0.5 out
FR mount inserts	0 center
Ride height	5.2 mm
Servo saver arms	Xray solid plastic 19mm
SHOCKS	
Arm mount spacers	1.5 mm
Arm mounting hole	B - Bottom
Tower mount spacers	4.0 mm
Tower mounting hole	3 - Outside
Steering blocks	Hard
STEERING LINK	
Inner stud spacers	0.5 mm
Outer stud location	2 - Back
Outer stud spacers	1.0 mm
Steering lock	28 degrees
Steering plate	8.0mm
Steering plate spacers	4 mm
Toe	1.2 degrees
Tower	ULP Graphite 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	N/A
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Front
Inner stud spacers	1.5 mm
Outer stud location	A - Inside
Outer stud spacers	4.0 mm
Differential height	High
Downstop	4.4 mm
RF mount inserts	0.5 up
RF mounts	Kit
Ride height	5.4 mm
RR mount inserts	0.5 up
SHOCKS	
Arm mount spacers	0 mm
Arm mounting hole	B - Bottom
Tower mount spacers	3.0 mm
Tower mounting hole	3 - Outside
Tower	ULP Graphite Low
Uprights / C-hubs	0 deg Hard
Wheel hex	+0mm
Wheelbase (arm spacers)	1.0 mm

SHOCKS

	FRONT	REAR
Oil weight	450 cst	450 cst
Pistons	ULP Progressive Shock System	4 x 1.1mm
Rebound	0 %	0 %
Shock type	Ultra low-profile	Ultra low-profile
Springs	2.5-2.8	2.7
Stroke	8.5 mm	9 mm
Shock oil brand	XRAY	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	5,000 cst
Diff mass	–	9.40 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	ECS 52mm BB
Driveshafts - rear	CVD BB 50mm
Gear pitch	64
Pinion	28 teeth
Spur	110 teeth

BODY & CHASSIS

Battery holder	**Plastic adjustable for slim lipo**
Battery position	**Center**
Body	**Zoo DBX 0.5**
Body mounts - front	**+0mm**
Body mounts - front eccentric	**+0mm**
Body mounts - rear	**+0mm**
Body position	**Middle**
Bumper	**Light and strong**
Flex - chassis	**Graphite 2.2mm**
Flex - chassis brace screws	**Soft - 1 screw at front, setscrew at rear**
Flex - motor mount screws	**Rear 3 - most flex**
Flex - top deck	**2mm Graphite**
Flex - top deck flex	**Bearing - medium**
Flex - top deck spacers	**0 mm**
Rear wing	**Zoo DBX 0.7**
Weight balance (F/R)	**50 / 50**
Weight: total	**1320 g**

NOTES 63.5mm from lower windshield line to center of front post

TIRES

	FRONT	REAR
Tire additive	**MG Yellow**	**MG Yellow**
Tire brand / type	**Gravity rc**	**Powers**
Tire compound	**Sxt**	**34SUV**
Tire prep	**5 min wipe dry**	**5 mins wipe dry**

ELECTRONICS

Battery brand	**R1 Wurks**
Battery capacity	**5300 mAh**
Battery model	**Slim**
ESC brand	**R1 Wurks**
ESC model	**Digital 3**
Motor brand	**Hobbywing**
Motor model	**G3**
Motor timing	**28 degrees**
Motor wind	**4.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio model	**M12s**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**482**
Steering servo brand	**Sanwa/Airtronics**
Steering servo model	**PGS-LH2**

NOTES 26° steering throw