TLR 22X-4

Setup: RICOCHET CARPET SETUP · Mike Durkin · Jan 22, 2022

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EVENT	
Event	BOC

TRACK	
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight
Air temp	75°F (24°C)
Track temp	80.6°F (27°C)

FRONT SUSPENSION

A mount inserts	1 up and in
Anti-roll bar	2.0mm
Arms	Kit
Axle height	1.7mm top / 1.7mm bottom
B mount inserts	1 up and in
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud spacers	0 mm
Hub carrier	9 degrees
Ride height	12 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Steering brace	Posts
Steering crank stud location	2 - Outside
STEERING LINK	
Inner stud location	Standard / 1 - Back
Inner stud spacers	1 mm
Outer stud location	Standard
Outer stud spacers	0 mm
Steering plate / arm	Kit
Steering rack	Composite
Toe	-1 degrees
Tower	Carbon
Wheel hex	4.0mm

TIRES

	FRONT	REAR
Tire brand / type	Proline wedge	Proline pyramid
Tire compound	Z4	Z4
Wheel brand / type	TLR 4WD Front	TLR Rear
Tire insert	–	Open-cell

REAR SUSPENSION

Anti-roll bar	2.0mm
Arms	Kit
Axle height	+1mm (1/3 up)
C mount inserts	0.5 down and out degrees
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	A - Inside
Outer stud mount spacers	0 mm
Outer stud spacers	2 mm
D mount inserts	1 up and in
Gear box shim	2 mm
Hub	Composite
Ride height	12 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Tower	Carbon
Wheel hex	5.0mm
Wheelbase (hub spacers)	Front 2.0mm / rear 1.0mm

DRIVETRAIN

Clutch pads	Max Drive
Drive type	Slipper
Driveshafts - front	74mm LCD
Driveshafts - rear	67mm CVA
Driveshafts - rear CV pin location	3
Motor mount location	Rearward
Pinion	23 teeth
Spur	78 teeth

ELECTRONICS

Battery brand	ProTek
Battery C rating	120
Battery capacity	4600 mAh
Battery model	Lcg lihv
ESC brand	Hobbywing
ESC model	Xr10 pro G2
Motor brand	SchuurSpeed
Motor model	V4 13.5
Motor timing	37 degrees
Motor wind	13.5 turns

SHOCKS

	FRONT	REAR
Eyelet length	Standard	Standard
Limiters (external)	1 mm	1 mm
Limiters (internal)	0 mm	0 mm
Oil weight	45 wt	40 wt
Pistons	Thin 2 x 1.6mm	Thin 2 x 1.7mm
Shafts	3.0mm x 42.7mm TiCN	3.0mm x 48.7mm TiCN
Springs	LF Yellow	LF Pink
Stroke	23.5 mm	30.5 mm
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	50,000 cst	50,000 cst
Diff mass	19.7 g	19.7 g
Diff ring/pinion	Steel	Steel
Diff type	4 gear steel	4 gear steel
Center diff cover	Composite	
Center diff gear	N/A	
Center diff type	N/A	
Diff fluid brand	Tlr	

BODY & CHASSIS

	FRONT	REAR
Wing	None	TLR Medium downforce 6.5"
Battery spacer - front	1	
Battery spacer - rear	1	
Body	Ultra-lightweight	
Center bulkhead	Composite	
Electronics plate	None	
Mud guard	Soft	
Rear wing angle	2 degrees	
Rear wing wickerbill	Cut to bottom line 1mm off top sides	