TLR 22X-4 Elite

Setup: Barnesville 7/13/24 Practice · Richard Bratton · Oct 12, 2024

so dialed
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TRACK

Track	Barnesville
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry/Dusty
Surface / layout	Medium/Bumpy / Medium
Air temp	95°F (35°C)
Track temp	105°F (41°C)

FRONT SUSPENSION

A mount inserts	1 up and out
Ackermann: inner steering link location	2 - Front
Anti-roll bar	1.0mm
Arms	Kit
Axle height	1.7 mm
B mount inserts	1 down and in
BUMP STEER	
Inner steering link height	Standard
Inner steering link shims	1 mm
Outer steering link height	Standard
Outer steering link shims	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner link location	2 - Middle
Outer link shims	0 mm
Caster: hub carrier	9 degrees
Ride height	20 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle
Steering brace	Posts
Steering crank stud location	2 - Middle
Toe	-1 degrees
Track: wheel hexes	4.0mm

TIRES

	FRONT	REAR
Tire brand / type	Proline Blockade	Proline Blockade
Tire compound	M3	M3
Tire insert	Proline blue closed cell	Proline blue closed cell
Wheel brand / type	JC	JC

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms	Kit
Axle height	+2 mm
C mount inserts	0.5 down
Camber	-1 degrees
CAMBER LINK	
Inner link location	1 - Bottom
Outer link location	B - Front
Outer link mount shims	2 mm
Outer link shims	2 mm
D mount inserts	0.5 down and out
Gear box shims	2 mm
Hubs	Composite
Ride height	21 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	2 - Middle
Track: wheel hexes	5.0mm
Wheelbase: hub spacers - F/R	2 / 1 mm

NOTES Shortening camber link 2mm freed up rear nicely; need to try more rear bar.

DRIVETRAIN

Clutch pads	Max Drive
Drive ratio - internal	2.5
Driveshafts - front	74mm CVA
Driveshafts - rear	67mm CVA
Driveshafts - rear CV pin location	2
Motor mount location	Forward
Pinion	21 teeth
Spur	81 teeth

ELECTRONICS

Battery brand	ProTek
Battery capacity	4800 mAh
Battery model	4800 LiHV
Motor brand	Hobbywing
Motor model	G3
Motor wind	6.5 turns

SHOCKS

	FRONT	REAR
Caps	Avid 13mm	Avid 13mm
Eyelets	Standard	Standard
Limiters - int/ext	1 / 1 mm	0 / 1 mm
Oil weight	42.5 wt	37.5 wt
Pistons	2x1.8	2x1.9
Shafts	3.0mm x 42.7mm TiCN	3.0mm x 48.7mm TiCN
Spring cups	High	Medium
Springs	LF Purple	ASC Gray (2.0)
Stroke	23.5 mm	30.5 mm
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	5,000 cst
Diff mass	19.4 g	19.4 g
Diff ring/pinion	Steel	Steel
Diff type	4 gear steel	4 gear steel
Center diff cover	Composite	
Center diff fluid	100,000 cst	
Center diff type	Slipper	

BODY & CHASSIS

	FRONT	REAR
Wing	None	TLR Medium downforce 6.5"
Battery spacers - F/R	1 / 2	
Body	22X-4	
FLEX		
Chassis	Aluminum	
Front top brace	Medium flex	
Side guards	Soft	
Motor location	Standard	
Rear wing angle	2 degrees	
Rear wing wickerbill	2nd line	