TLR 22X-4 Elite

Setup: Chargers · Dimitri Roumeliotis · Dec 4, 2022

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EVENT	
Event	Practise
Class	Modified

TRACK	
Track	Chargers
Type	Outdoor hard-packed
Grip / moisture	High / Dry
Surface / layout	Smooth/Bumpy / Medium/Open

RESULTS	
Best lap	25.04 s
Average lap	25.96 s

FRONT SUSPENSION

A mount inserts	1 in
Ackermann: inner steering link location	2 - Front
Anti-roll bar	1.8mm
Arms	Stiffezel
Axle height	0.7 mm
B mount inserts	1 in
BUMP STEER	
Inner steering link height	Standard
Inner steering link shims	1 mm
Outer steering link height	Standard
Outer steering link shims	1 mm
Camber	-2 degrees
CAMBER LINK	
Inner link location	2 - Top
Outer link shims	1 mm
Caster: hub carrier	9 degrees
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Steering brace	Posts to gearbox
Steering crank stud location	1 - Inside
Toe	-1 degrees
Track: wheel hexes	4.0mm

NOTES Vision steering plates -2

ELECTRONICS

Battery capacity	4800 mAh
Motor wind	6.5 turns

NOTES New type Ultra lcg battery (~165g) 20mm height.

REAR SUSPENSION

Anti-roll bar	2.0mm
Arms	Kit
Axle height	+2 mm
C mount inserts	1 down and out
Camber	-2 degrees
CAMBER LINK	
Inner link location	2 - Top
Outer link location	B - Front
Outer link mount shims	0 mm
Outer link shims	2 mm
D mount inserts	1 in
Gear box shims	0 mm
Hubs	Composite
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Track: wheel hexes	6.0mm
Wheelbase: hub spacers - F/R	3/0 mm

DRIVETRAIN

Clutch pads	Max Drive
Drive ratio - internal	2.5
Driveshafts - front	74mm CVA
Driveshafts - rear	67mm CVA
Driveshafts - rear CV pin location	3
Motor mount location	Kit.
Spur	81 teeth

TIRES

	FRONT	REAR
Tire compound	S3	S3

SHOCKS

	FRONT	REAR
Caps	Aluminum G3	Aluminum G3
Eyelets	Standard	Standard
Limiters - int/ext	0/0 mm	0 / 1 mm
Oil weight	47.5 wt	32.5 wt
Pistons	G3 2 x 1.5mm	G3 2 x 1.6mm
Shafts	3.0mm x 42.7mm TiCN	3.0mm x 48.7mm TiCN
Spring cups	High	Medium
Springs	AE V2 Red	AE V2 Blue
Stroke	23.5 mm	30.5 mm
Shock oil brand	Team Associated	

NOTES With kit pistons (1.6/1.7) run 50-55wt front and 37.5 rear.

DIFFERENTIALS

	FRONT	REAR
Diff fluid	15,000 cst	7,000 cst
Diff mass	19.4 g	19.4 g
Diff ring/pinion	Steel	Steel
Diff type	4 gear composite	4 gear composite

Center diff cover	Composite
Center diff fluid	500,000 cst
Center diff type	4 gear composite
Diff fluid brand	AE

BODY & CHASSIS

	FRONT	REAR
Wing	TLR Scoop	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