TLR 22X-4

Setup: ROAR Off-road Nationals 2021 · Charlie Maiorana (TLR) · Jan 22, 2022

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EVENT	
Event	2021 ROAR Off-road Nationals
Class	4WD Modified Buggy

TRACK	
Track	"The Track"
Type	Indoor clay
Grip / moisture	High / Dusty
Surface / layout	Smooth / Tight
Air temp	25°C (77°F)
Track temp	22.5°C (73°F)

RESULTS	
Race type	Main
Race number	A3
Finish	6th
Best lap	13.374 s
Average lap	13.933 s

FRONT SUSPENSION

A mount inserts	1 up and in
Anti-roll bar	1.0mm
Arms	Kit
Axle height	1.7mm top / 1.7mm bottom
B mount inserts	1 down and in
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Top
Outer stud spacers	0 mm
Hub carrier	9 degrees
Ride height	18 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Steering brace	Posts
Steering crank stud location	2 - Outside
STEERING LINK	
Inner stud location	Standard / 2 - Front
Inner stud spacers	1 mm
Outer stud location	Standard
Outer stud spacers	0 mm
Steering plate / arm	Kit
Steering rack	Composite
Toe	0 degrees
Tower	Carbon
Track: wheel hexes	4.0mm

BODY & CHASSIS

	FRONT	REAR
Wing	TLR Scoop	Proline Axis

Battery spacer - front	1
Battery spacer - rear	2
Body	Proline Axis
Center bulkhead	Composite
Electronics plate	Carbon
Mud guard	Soft
Rear wing angle	4 degrees
Rear wing wickerbill	Lowest

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms	Kit
Axle height	0mm (0/4 up)
C mount inserts	0 - center
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	A - Inside
Outer stud mount spacers	2 mm
Outer stud spacers	2 mm
D mount inserts	1 up
Gear box shim	0 mm
Hub	Composite
Ride height	18 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Tower	Carbon
Track: wheel hexes	4.5mm
Wheelbase: hub spacers	Front 2.0mm / rear 1.0mm

DRIVETRAIN

Clutch pads	Max Drive
Drive type	Slipper
Driveshafts - front	74mm CVA
Driveshafts - rear	67mm CVA
Driveshafts - rear CV pin location	2
Motor mount location	Rearward
Spur	81 teeth

SHOCKS

	FRONT	REAR
Eyelet length	Standard	Standard
Limiters (external)	1 mm	1 mm
Limiters (internal)	0 mm	0 mm
Oil weight	40 wt	35 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
Spring cups	Medium	Low
Springs	AE v2 Yellow	AE v2 Yellow
Stroke	23 mm	30.5 mm
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	7,000 cst
Diff mass	12.9 g	12.9 g
Diff ring/pinion	Composite	Composite
Diff type	4 gear composite	4 gear composite
Center diff cover	Composite	
Center diff fluid	500,000 cst	
Center diff gear	N/A	
Center diff mass	12.9 g	
Center diff type	4 gear composite	

TIRES

	FRONT	REAR
Tire brand / type	Proline Shadow	Proline Shadow
Tire compound	S3	S3
Tire insert	Proline	Proline
Tire prep	Slicks. Sauce: Yellow lw	Slicjs. Sauce: Yellow lw
Wheel brand / type	TLR 4WD Front	TLR Rear