TLR 22X-4

Setup: Surf City Classic · Ryan Cavalieri (TLR) · Jan 22, 2022

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EVENT	
Event	Surf City Classic
Class	4WD Modified Buggy

TRACK	
Track	OCRC
Type	Indoor clay
Grip / moisture	High / Wet
Surface / layout	Smooth / Open
Air temp	25°C (77°F)
Track temp	22.5°C (73°F)

RESULTS	
Race type	Main

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	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Steering brace	Posts to gearbox
Steering crank stud location	2 - Outside
STEERING LINK	
Inner stud location	Standard / 1 - Back
Inner stud spacers	0 mm
Outer stud location	Standard
Outer stud spacers	0 mm
Steering plate / arm	Kit
Steering rack	Aluminum
Toe	+1 degrees
Tower	Carbon
Track: wheel hexes	4.0mm

BODY & CHASSIS

	FRONT	REAR
Wing	TLR Scoop	Proline

Battery spacer - front	1
Battery spacer - rear	2
Body	Kit
Center bulkhead	Composite
Electronics plate	Carbon
Mud guard	N/A
Rear wing angle	0 degrees
Rear wing wickerbill	1 line
Weight: total	1640 g

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms	Kit
Axle height	0mm (0/4 up)
C mount inserts	1 up
Camber	0 degrees
CAMBER LINK	
Inner stud location	1 - Bottom
Outer stud location	B - Front
Outer stud mount spacers	0 mm
Outer stud spacers	1 mm
D mount inserts	0 center
Gear box shim	0 mm
Hub	Composite
Ride height	17 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Outside
Tower	Carbon
Track: wheel hexes	5.0mm
Wheelbase: hub spacers	Front 2.0mm / rear 1.0mm

DRIVETRAIN

Clutch pads	Max Drive
Drive ratio - final	10.65
Drive ratio - internal	2.5
Drive type	Slipper
Driveshafts - front	74mm CVA
Driveshafts - rear	67mm CVA
Driveshafts - rear CV pin location	1 - Inside (towards dogbone)
Motor mount location	Rearward
Pinion	19 teeth
Spur	81 teeth

ELECTRONICS

Battery brand	Muchmore
Battery capacity	5750 mAh
ESC brand	Muchmore
Motor brand	Muchmore
Motor wind	5.5 turns
Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver brand	Sanwa/Airtronics
Servo brand	Savox
Servo model	2262

SHOCKS

	FRONT	REAR
Eyelet length	Standard	Standard
Limiters (external)	1 mm	1 mm
Limiters (internal)	1 mm	0 mm
Oil weight	42.5 wt	37.5 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	High	Low
Springs	V2 Yellow	V2 Blue
Stroke	22.3 mm	31 mm
Shock oil brand	Team Losi	

NOTES Caps: domed

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	5,000 cst
Diff mass	19.7 g	19.7 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 type	4 gear composite

TIRES

	FRONT	REAR
Tire brand / type	Proline Shadows	Proline Shadows
Tire compound	S3	S3
Tire insert	Proline	Proline
Tire prep	Yellow LW	Yellow LW
Wheel brand / type	Proline	Proline