

2WD Off-Road Electric Template

Setup: Tlr 22sct 3.0 w/lowrider kit · [Victor Pitones](#) · Apr 12, 2022

so dialed

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EVENT	
Event	Club Racing

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

FRONT SUSPENSION

Anti-roll bar	1.6mm
Arms	Kit
Axle height	2mm
Camber	-2 degrees

CAMBER LINK	
Inner location	Inside hole
Inner spacers	1 mm
Outer location	Inside hole
Outer spacers	1 mm
Caster	0 degrees
Hub carriers	Kit
Kick-up	25 degrees
Ride height	16 mm

SHOCKS	
Arm mounting hole	Middle hole
Tower mounting hole	2nd hole from outside
Steering blocks	Kit
Steering center link	Aluminum

STEERING LINK	
Inner spacers	1 mm
Outer spacers	0 mm
Steering stop spacers	0 mm
Suspension mounts	Kit
Toe	+1 degrees
Tower	RCLYFE
Track: wheel hexes	Kit
Trail	3 mm
Wheelbase: hub carrier spacers	Short arm

NOTES Running 42mm buggy Shocks with std. Shock ends
Brass Pivot

REAR SUSPENSION

Anti-roll bar	1.2mm
Arms	Kit Dremeled and drilled for RCLYFE sway bar mounting
Axle height	4mm
Camber	-2 degrees

CAMBER LINK	
Inner location	Foward hole +1mm insert
Inner spacers	0 mm
Outer location	B hole facing rear
Outer spacers	1 mm
Differential height	3.5 mm
Hubs	22x-4 Aluminum VHA
Ride height	16 mm
Shock location	Front

SHOCKS	
Arm mounting hole	Middle hole
Tower mounting hole	Middle hole
Suspension mounts	22 5.0 Elite C block 1° down/out D block 1° down/center
Toe	-2.0
Tower	RCLYFE
Track: wheel hexes	Wide 22sct 2.0 hex

WHEELBASE	
Arm spacers	.5mm fr
Hub spacers	2mm fr, 1mm rr

BODY & CHASSIS

	FRONT	REAR
Wing	-	Kit
Body		Pro-Line Axis Sc
Chassis		Kit

NOTES Using scte body mount on the rear

SHOCKS

	FRONT	REAR
Bodies	42mm Buggy Rear	42mm buggy rear
Limiters (external)	0 mm	0 mm
Limiters (internal)	0 mm	0
Oil weight	42.5 wt	32.5 wt
Pistons	2x1.5mm thin	2x1.7mm thin
Shafts	3mm 47.5mm	3mm 47.5
Springs	AE Truck Blue	AE Buggy Rear Blue
Stroke	27 mm	30.5 mm
Shock oil brand	Team Losi	

NOTES Std Eylets Front, std spring cup +2mm Eyelet Rear, short spring cup
Aluminum Shock Caps

DRIVETRAIN

Differential fluid	80,000 cst
Differential fluid brand	AE
Differential type	2-Gear
Drive type	Slipper
Driveshafts	93.5mm
Pinion	19 teeth
Slipper clutch pads	Kit
Spur	82 teeth
Transmission gears	3
Transmission orientation	Laydown

NOTES Laydown Transmission from 22t 4.0

TIRES

	FRONT	REAR
Tire brand / type	Pro-Line/Prism	Pro-Line/Prism
Tire compound	Z3	Z3
Tire insert	Closed-cell	Closed-cell
Tire prep	N/A	N/A
Wheel brand / type	TLR	TLR

ELECTRONICS	
Battery brand	ProTek
Battery C rating	120
Battery capacity	4900 mAh
Battery model	LiHV
ESC brand	Hobbywing
ESC model	Xr10 stock spec
ESC settings	Drive 4khz Brake 1khz
Motor brand	SchuurSpeed
Motor model	V4
Motor timing	45 degrees
Motor wind	13.5 turns
Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver brand	Sanwa/Airtronics
Receiver model	Rx482
Servo brand	ProTek
Servo model	160t