TLR 22 5.0 DC Elite

Setup: Chris Payne Visions V2.1 · Chris Payne · Feb 19, 2024

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TRACK

Track	MHORC
Type	Indoor clay
Grip / moisture	High / Dry/Wet
Surface / layout	Medium / Tight
Air temp	75°F (24°C)
Track temp	75°F (24°C)

FRONT SUSPENSION

Anti-roll bar	None
Arm length (VLA setting)	Short arm
Arms	Stiffezel
Axle height	2mm top / 2mm below
Camber	-1.5 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	0 mm
Outer stud location	Visions inner
Outer stud spacers	1 mm
Hub carrier	5deg Visions
Kick shims	3 mm (low roll center)
Kickup	25 degrees
Pivot	Aluminum
Ride height	19 mm
SHOCKS	
Arm mounting hole	C - Outside
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud location	Standard
Inner stud spacers	0 mm
Outer stud location	Standard
Outer stud spacers	0 mm
Steering plate / arm	5
Toe	-1 degrees
Tower	Carbon +2mm
Track: axle spacing	0 mm
Trail	4 mm

NOTES Front end mod, visions 5.o deg caster block

REAR SUSPENSION

Anti-roll bar	None
Arms	22x4 rear arm
Axle height	0 mm
C mount	Aluminum
C mount inserts	0.5 in
Camber	-2 degrees
Camber block spacer	0 mm
CAMBER LINK	
Inner stud location	2 - Front (laydown)
Inner stud spacers	0 mm
Outer stud location	Reverse, Rear
Outer stud mount spacers	1 mm
Outer stud spacers	1 mm
D mount	Aluminum
D mount inserts	1 down and out
Differential height	0 mm
Driveshaft CV pin position	3
Hub	Gen II
Ride height	19 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	Outside 4wd arm
Tower mounting hole	+2 Tower: 3 - Mid-out
Tower	Carbon Laydown +2mm
Track: wheel hexes	4.5
Wheelbase: hub spacers	Front 0.0mm / rear 3.0mm (short)

NOTES 69mm are axle, 4wd arm

SHOCKS

	FRONT	REAR
Bodies	Avid Advant 13mm	Avid Advant 13mm
Eyelet length	Standard	Standard
Limiters (external)	0 mm	0 mm
Limiters (internal)	0 mm	0 mm
Oil weight	30 wt	27.5 wt
Pistons	2x1.6 VRP GC	2x1.7 VRP GC
Shafts	3.0 KLINK RC DLC	3.5mm x 48.7mm
Spring cups	Low	Low
Springs	AE 13mm V2 blue	AE 13mm v2 grey
Stroke	23.5 mm	27 mm
Shock oil brand	Team Losi	

DRIVETRAIN

Clutch pads	Orange
Clutch type	Slipper
Differential fluid	1up pink cst
Differential type	Ball
Drive ratio - internal	2.43
Driveshafts	69mm
Pinion	30 teeth
Spur	72 teeth
Transmission orientation	Laydown

NOTES Black MOA Slipper plates, ceramic bearings, MOD featherweight outdrives 69mm AE axle

Diff .75 spins

BODY & CHASSIS

	FRONT	REAR
Wing	Low	JC 6.5

Battery position	Furthest back
Body	JC P2
Chassis	Visions Clay side gaurds
Chassis brace/waterfall	Stiffezel
Chassis front brace	Standard
Rear wing angle	2 degrees
Rear wing height	+2mm
Rear wing wickerbill	Lowest
Screws & turnbuckles	Full titanium

WEIGHT

Battery plate	0 g
Electronics plate	Carbon
Rear ballast	0 g
Total	1550 g

NOTES Visions w/ Clay side gaurds

TIRES

	FRONT	REAR
Tire brand / type	Pro line S3 4wd	Pro line s3
Tire compound	Soft	Soft
Tire insert	Closed-cell	Closed-cell
Tire prep	Stickykicks red	Stickykicks red
Wheel brand / type	AE	AE

ESC SETTINGS

BRAKE

Drag	5 %
Frequency	4k kHz
Strength	83
Race mode	Spec

THROTTLE

Curve	15 percent
Frequency	12k kHz
Neutral range	15 %

ELECTRONICS

Battery brand	R1 6400
Battery C rating	150
ESC brand	Hobbywing
ESC model	XR10 G2 PRO Stealth
ESC settings	14k throttle 4k brake 14% drag brake
Motor brand	R1 17.5
Motor model	V21-S
Motor timing	47 degrees
Motor wind	17.5 turns
Radio EPA throttle	79 brake %
Radio model	M17
Receiver brand	Sanwa/Airtronics
Servo brand	MKS Servos
Servo model	599

NOTES 30A