TLR 22 5.0 DC Elite

Setup: My Base Setup · Jacobmitchellrc (TLR) · Oct 1, 2022

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EVENT	
Event	Clubbin'

TRACK	
Track	OCRC Raceway
Type	Indoor clay
Grip / moisture	Medium / Dusty
Surface / layout	Bumpy / Medium
Air temp	70°F (21°C)
Track temp	70°F (21°C)

RESULTS	
Best lap	21.8 s
Average lap	23.1 s

FRONT SUSPENSION

Anti-roll bar	None
Arm length (VLA setting)	Short arm
Arms	Stiffezel
Axle height	2mm top / 2mm below
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Inside
Inner stud spacers	1 mm
Outer stud location	A - Inside
Outer stud spacers	2 mm
Hub carrier	5 degrees
Kick shims	3 mm (low roll center)
Kickup	25 degrees
Pivot	Composite
Ride height	21 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2.5 - Middle-out
STEERING LINK	
Inner stud location	Standard
Inner stud spacers	0 mm
Outer stud location	Standard
Outer stud spacers	1 mm
Steering plate / arm	5
Toe	+1 degrees
Tower	Carbon
Track: axle spacing	0 mm
Trail	4 mm

NOTES CChange axle height to 3mm on top, 1mm on bottom when height is 18mm or below.

REAR SUSPENSION

Anti-roll bar	None
Arms	Kit
Axle height	1 mm
C mount	Aluminum
C mount inserts	0 - center
Camber	-2 degrees
Camber block spacer	+1 mm
CAMBER LINK	
Inner stud location	2 - Front (laydown)
Inner stud spacers	1 mm
Outer stud location	C - Outside
Outer stud mount spacers	1 mm
Outer stud spacers	2 mm
D mount	Aluminum
D mount inserts	0.5 down and out
Differential height	1.75 mm
Driveshaft CV pin position	2
Hub	Gen II
Ride height	21 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Tower	Carbon Laydown
Track: wheel hexes	Kit
Wheelbase: hub spacers	Front 1.5mm / rear 1.5mm

NOTES FFlip camber block spacer to -1mm on high grip. Change axle height to +2 in when height 18 or below.

BODY & CHASSIS

	FRONT	REAR
Wing	None	TLR 6.5"

Battery position	Middle (Carbon)
Body	Proline Axis
Chassis	Kit
Chassis brace/waterfall	Stiffezel
Chassis front brace	Standard
Rear wing angle	4 degrees
Rear wing height	Standard
Rear wing wickerbill	Lowest Line
Weight balance (F/R)	35 / 65
WEIGHT	
Battery plate	0 g
Electronics plate	Carbon
Rear ballast	0 g
Total	1526 g

NOTES WWeight balance is estimated.

SHOCKS

	FRONT	REAR
Bodies	G3 36.5mm x 3.5mm	G3 42mm x 3.5mm
Eyelet length	Standard	Standard
Limiters (external)	0 mm	1 mm
Limiters (internal)	0 mm	0 mm
Oil weight	32.5 wt	27.5 wt
Pistons	G3 2 x 1.6mm	G3 1.6mm / 1.7mm
Shafts	3.5mm x 42.7mm	3.5mm x 48.7mm
Spring cups	Medium	Low
Springs	Blue	AE V2 White
Stroke	22 mm	28.5 mm

Shock oil brand	Team Losi

NOTES CChange rear to 30wt in high grip to prevent too much roll.

DRIVETRAIN

Clutch pads	Yellow
Clutch type	Slipper
Differential type	Ball
Drive ratio - final	~6.25
Drive ratio - internal	~2.57
Driveshafts	67mm CVA
Pinion	28 teeth
Spur	72 teeth
Transmission orientation	Laydown

NOTES CCheck motor recommendations for FDR and Gear Ratio.

TIRES

	FRONT	REAR
Tire brand / type	JConcepts Ellipse	JConcepts Ellipse
Tire compound	Silver	Silver
Tire insert	Closed-cell	Closed-cell
Tire prep	Shave down to ghost tread.	Shave down to ghost tread.
Wheel brand / type	TLR 4.0 Stiffzel	TLR 22

NOTES JJC tires preferred but Proline work well in higher grip.

ELECTRONICS

Battery brand	**Spektrum**
Battery C rating	**100C**
Battery capacity	**6300 mAh**
Battery model	**7.6V 6300mAh 2S 100C Smart**
ESC brand	**R1 Wurks**
ESC model	**Digital-3**
ESC settings	**0 on Drag Brake, D/R and Expo St & Th.**
Motor brand	**R1 Wurks**
Motor model	**V16**
Motor timing	**22 degrees**
Motor wind	**8.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**85 %**
Radio EPA throttle	**100 %**
Radio model	**MT-44**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**RX-482**
Servo brand	**Reefs**
Servo model	**299: LP**
Transponder ID	**0000000**

NOTES EEPA varies from servo to servo.