TLR 22 5.0 DC Elite

Setup: Dry setup swindon · Richard Atkinson (Ffracing) · Jun 25, 2023

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EVENT	
Event	Championship Rd 6
Class	2wd

TRACK	
Track	Swindon
Type	Outdoor astroturf
Grip / moisture	High/Medium / Dry
Surface / layout	Medium / Medium
Air temp	27.5°C (82°F)
Track temp	52.5°C (127°F)

RESULTS	
Race type	Practice

FRONT SUSPENSION

Anti-roll bar	1.0 mm
Arm length (VLA setting)	Short arm
Arms	Stiffezel
Axle height	2mm top / 2mm below
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	1 mm
Outer stud location	A - Inside
Outer stud spacers	2 mm
Hub carrier	5 degrees
Kick shims	2 mm
Kickup	25 degrees
Pivot	Brass 30g 25deg
Ride height	16 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	+0.5 degrees
Tower	Carbon +2mm
Track: axle spacing	0 mm
Trail	4 mm

BODY & CHASSIS

	FRONT	REAR
Wing	Low	TLR 6.5"
Battery position	3	
Body	Kit	
Chassis	Kit	
Chassis brace/waterfall	Stiffezel	
Chassis front brace	Standard	
Rear wing angle	0 degrees	
Rear wing height	Standard	
Rear wing wickerbill	2 lines	
WEIGHT		
Battery plate	0 g	
Electronics plate	Carbon	
Rear ballast	0 g	

REAR SUSPENSION

Anti-roll bar	1.4 mm
Arms	Stiffezel
Axle height	2 mm
C mount	Aluminum
C mount inserts	0.5 down and out
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	0 mm
D mount	Aluminum
D mount inserts	1 down
Differential height	0 mm
Driveshaft CV pin position	3
Hub	Gen II
Ride height	16 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	+2 Tower: 2 - Mid-in
Tower	Carbon Laydown +2mm
Track: wheel hexes	Kit
Wheelbase: hub spacers	Front 1.0mm / rear 2.0mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher cut Staggers lp	Schumacher mezzos
Tire compound	Yellow	Yellow
Tire insert	None	Med tubby
Wheel brand / type	Tlr	Tlr

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	40 wt	37.5 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	LF Green	Orange 2.9lbs
Stroke	22 mm	28.5 mm
Shock oil brand	Team Losi	

DRIVETRAIN

Clutch pads	Kit
Clutch type	Slipper
Differential fluid	12,000 cst
Differential fluid brand	Core rc
Differential type	4-gear
Drive ratio - final	8.84
Drive ratio - internal	2.43
Driveshafts	67mm CVA
Pinion	22 teeth
Spur	78 teeth
Transmission orientation	Laydown

ELECTRONICS

Battery brand	Centro
Battery C rating	100
Battery capacity	5000 mAh
Battery model	2s shorty
ESC brand	Hobbywing
ESC model	Xr10 Pro g2
Motor brand	SKYRC
Motor model	Ares
Motor timing	30 degrees
Motor wind	7.5 turns
Radio brand	Futaba
Radio model	Tg4rs
Receiver brand	Futaba
Receiver model	R304sb
Servo brand	Ludicrous lp 19kg
Servo model	L6219
Transponder ID	2223753

ESC SETTINGS

BOOST

Activation	**Rpm**
RPM End	**25000 rpm**
RPM Start	**3500 rpm**
Timing	**9 degrees**

BRAKE

Curve	**Linear**
Drag	**10 %**
Frequency	**4k kHz**
Initial strength	**20 %**
Strength	**90%**

THROTTLE

Curve	**Linear**
Frequency	**12k kHz**
Initial strength	**10 %**
Neutral range	**6 %**
Strength	**18deg**

TURBO

Delay	**0.05 seconds**
Timing	**20 degrees**