TLR 22 5.0 AC

Setup: Alan Morgan team 80 - caldicot. · alan morgan · May 16, 2022

so dialed
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EVENT	
Event	Caldicot
Class	2wd group 3

TRACK	
Track	Carpet/indoors
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth/Bumpy / Tight

RESULTS	
Race number	1

FRONT SUSPENSION

Anti-roll bar	1.0 mm
Arm length (VLA setting)	Short arm
Arms	Kit
Axle height	4mm top / 0mm below (low)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	3 - Outside
Inner stud spacers	1 mm
Outer stud location	A - Inside
Outer stud spacers	1 mm
Hub carrier	5 degrees
Kick shims	3 mm (low roll center)
Kickup	25 degrees
Pivot	Aluminum
Ride height	13 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
STEERING LINK	
Inner stud location	Standard
Inner stud spacers	0 mm
Outer stud location	Standard
Outer stud spacers	1 mm
Steering plate / arm	Fit arm no3 from tlr 22 4.0.
Toe	+0.5 degrees
Tower	Stiffezel
Track: axle spacing	0 mm
Trail	2 mm

NOTES Yellow spring/tlr 30 oil. Car changes direction very quick.

ELECTRONICS

ESC settings	Castle mamba X. Start power high. Punsh control off Turbo timing 18. No drag break. Sensored mode only Run 2 pole motor.
Receiver brand	Futaba

REAR SUSPENSION

Anti-roll bar	1.2 mm
Anti-squat block (C)	Aluminum LRC
Anti-squat block inserts	1.5 degrees
Arms	Stiffezel
Axle height	3 mm
Camber	-1 degrees
Camber block spacer	1 mm
CAMBER LINK	
Inner stud location	Back
Inner stud spacers	1 mm
Outer stud location	Middle out
Outer stud spacers	1 mm
Differential height	+3.5 mm
Hub	Gen II
Ride height	13 mm
Shock location	Front of arm
SHOCKS	
Arm mounting hole	Outside
Tower mounting hole	Middle
Toe plate (D)	LRC -2 degrees
Toe plate insert	-2.50 toe - 4.0 / arrow in
Tower	Stiffezel
Track: wheel hexes	Kit
Wheelbase: hub spacers	Front 2mm / rear 2mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher stagger	Schumacher cactus
Tire compound	Yellow	Yellow
Tire insert	No insert in front	Closed-cell
Tire prep	Glued/no insert.	Glued/Schumacher blue med insert.
Wheel brand / type	Losi Stiffezel	Losi

NOTES Run new set front and rear.
Fronts start to trail off after 3rd race.
When rear starts to loosen up, go down to a pink spring.

SHOCKS

	FRONT	REAR
Eyelet length	+2	Standard
Limiters (external)	0 mm	0 mm
Limiters (internal)	2 mm	0 mm
Oil weight	30 wt	30 wt
Pistons	3 x 1.4mm	3 x 1.4mm
Springs	LF Yellow	Orange
Stroke	20.5 mm	28.5 mm

Shock oil brand	Team Losi

DRIVETRAIN

Clutch pads	Kit
Clutch type	Slipper
Differential fluid	5,000 cst
Differential fluid brand	Tlr
Differential type	2-gear
Drive ratio - internal	2:43:1
Driveshafts	68mm CVA
Spur	81 teeth
Transmission orientation	Laydown

NOTES Use slipper clutch to smooth out acceleration.

BODY & CHASSIS

	FRONT	REAR
Wing	High wide	TLR 6.5"

Battery position	1
Body	Kit
Rear wing angle	0 degrees
Rear wing wickerbill	2 lines
Screws & turnbuckles	Kit
WEIGHT	
Battery plate	0 g
Electronics plate	Carbon
Rear ballast	0 g