Tamiya TRF420

Setup: Outdoor: ETS#14 Rd.1 V2 · Dominik Ruf (H2 Racing Development) · May 25, 2022

so dialed
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EVENT	
Event	ETS
Class	ETS 17.5T

TRACK	
Track	Andernach Arena33
Type	Outdoor asphalt
Grip / moisture	Low
Surface / layout	Smooth / Medium
Air temp	17.5°C (64°F)

RESULTS	
Race type	Qualifier
Race number	Q3
Finish	6th
Best lap	20.906 s
Average lap	21.228 s

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1.5 mm
Steering post	8.5mm
Anti-roll bar	1.3mm
Bumpsteer: outer steering stud spacers	2 mm
Camber	-2.5 degrees
CAMBER LINKS	
Inner mount spacers	0.7 mm
Inner stud spacers	2 mm
Outer stud spacers	0.5 mm
Differential height	Low
Droop	4.9 mm
FF mount	Aluminum E
FF mount inserts	0.5 up and out
FF mount spacers	0.5 mm
FR mount	Aluminum E
FR mount inserts	0.5 up
FR mount spacers	1 mm
Hub carriers	Kit
Lower arms	Kit
Ride height	4.5 mm
SHOCKS	
Arm mount location	B - Middle
Arm mount spacers	0 mm
Tower mount spacers	0 mm
Tower mounting hole	2 - Mid-in
Steering blocks	Kit
Steering stop angle	28 degrees
Toe	-0.75 degrees
Tower	Kit
Track	188 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Wheelbase: arm spacers - F/R	1 / 0.5 mm

REAR SUSPENSION

Anti-roll bar	1.2mm
Camber	-2.25 degrees
CAMBER LINKS	
Inner mount spacers	0 mm
Inner stud spacers	2 mm
Outer stud spacers	0 mm
Differential height	Low
Droop	4.6 mm
Lower arms	Kit
RF mount	Aluminum A
RF mount inserts	0.5 up
RF mount spacers	1 mm
Ride height	4.9 mm
RR mount	Aluminum E
RR mount inserts	0.5 up
RR mount spacers	1 mm
SHOCKS	
Arm mount location	C - Outside
Arm mount spacers	0 mm
Tower mount spacers	0 mm
Tower mounting hole	2 - Mid-in
Tower	Kit
Track	186 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	0.5 / 1 mm

TIRES

Tire additive - F/R	Full/Full MR33 V3
Tire prep - F/R	15 min Tire warmer with additive 63°C

NOTES ETS Matrix Tires EPA-036

ELECTRONICS

Battery brand	LRP
Battery C rating	135
Battery capacity	7400 mAh
Battery model	Graphene 4
ESC brand	Orca
ESC model	Blinky Pro
Motor brand	Orca
Motor model	Blit Reme 2
Motor wind	17.5 turns

SHOCKS

	FRONT	REAR
Oil weight	450 cst	450 cst
Pistons	4-hole	4-hole
Rebound	0 %	0 %
Springs	2.5-2.7	3.1
Stroke	9 mm	9 mm
Shock oil brand	Tamiya	

NOTES SMJ Springs

DIFFERENTIALS

	FRONT	REAR
Diff type	Solid axle	Gear
Diff fluid	–	7,500 cst
Diff fluid brand	Corally	

DRIVETRAIN

Drive ratio - final	4.51
Drive ratio - internal	1.85
Driveshafts - front	Double-joint CVD
Driveshafts - rear	CVD
Pinion	41 teeth
Spur	100

BODY & CHASSIS

Body	Blitz Roadster 0.7
Body position	2mm front
Body to bumper distance	10 mm
Bumper	Kit
FLEX	
Chassis	H2RD MidMotor Chassis
Mount mount screws	Most front
Upper deck	H2RD Cutted
Rear wing	Standard
Weight balance - F/R	51 / 49
Weight: total	1331 g
Weights	47g behind servo