Tamiya TRF420

Setup: Indoor: 12. RT Pegasus Masters · Dominik Ruf (H2 Racing Development) · May 25, 2022

so dialed
Open/save in RC Setup App →

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EVENT	
Event	12. RT Pegasus Masters
Class	17.5T

TRACK	
Track	Piding
Type	Indoor carpet
Grip / moisture	Medium/High
Surface / layout	Medium / Medium/Tight
Air temp	30°C (86°F)
Track temp	45°C (113°F)

RESULTS	
Race type	Practice
Finish	1st

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering post	8.5mm
Anti-roll bar	1.3mm
Bumpsteer: outer steering stud spacers	2 mm
Camber	-2.25 degrees
CAMBER LINKS	
Inner mount spacers	1.5 mm
Inner stud spacers	2 mm
Outer stud spacers	0.5 mm
Differential height	Low
Droop	5.9 mm
FF mount	Aluminum E
FF mount inserts	1 up and out
FF mount spacers	0.5 mm
FR mount	Aluminum E
FR mount inserts	1 up, .5 out
FR mount spacers	1 mm
Hub carriers	Kit
Lower arms	Kit
Ride height	5.0 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	26 degrees
Toe	-1 degrees
Tower	Kit
Track	188 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Wheelbase: arm spacers - F/R	0.5 / 1 mm

REAR SUSPENSION

Anti-roll bar	1.2mm
Camber	-2.5 degrees
CAMBER LINKS	
Inner mount spacers	0 mm
Inner stud spacers	2 mm
Outer stud spacers	0 mm
Differential height	Low
Droop	5.3 mm
Lower arms	Kit
RF mount	Aluminum A
RF mount inserts	1 up, .5 out
RF mount spacers	1 mm
Ride height	5.0 mm
RR mount	Aluminum E
RR mount inserts	1 up and out
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	187 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	1 / 0.5 mm

TIRES

	FRONT	REAR
Tire brand / type	Volante	Volante
Tire compound	28R	28R
Tire additive - F/R	Full/Full MR33 V4	
Tire prep - F/R	20 min Additive, 10 min Additive	

ELECTRONICS

Battery brand	Intellect Pioneering
Battery C rating	135
Battery capacity	6000 mAh
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	550 cst	550 cst
Pistons	4-hole	4-hole
Rebound	0 %	0 %
Springs	2.5-2.8	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	5.0
Drive ratio - internal	1.85
Driveshafts - front	Double-joint CVD
Driveshafts - rear	CVD
Pinion	37 teeth
Spur	100

BODY & CHASSIS

Battery position	Most rear with custom battery holders
Body	Blitz Roadster
Body position	2mm front
Body to bumper distance	10 mm
Bumper	Kit
FLEX	
Chassis	H2RD MidMotor Chassis
Mount mount screws	1 - Front, 4
Upper deck	H2RD Cutted
Rear wing	Standard
Weight balance - F/R	51 / 49
Weight: total	1323 g
Weights	15g in front of servo 47g behind servo 10g behind Spur