Tamiya TRF420

Setup: Outdoor BaseSetup · Dominik Ruf (H2 Racing Development) · May 25, 2022

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Open/save in RC Setup App →

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EVENT	
Event	ETS

TRACK	
Track	Andernach Arena33
Type	Outdoor asphalt
Grip / moisture	Medium
Surface / layout	Smooth / Medium

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 degrees
CAMBER LINKS	
Inner mount spacers	0 mm
Inner stud spacers	2 mm
Outer stud spacers	0.5 mm
Differential height	Low
Droop	5.8 mm
FF mount	Aluminum E
FF mount inserts	1 out, .5 up
FF mount spacers	0.5 mm
FR mount	Aluminum E
FR mount inserts	0.5 up and out
FR mount spacers	0.5 mm
Hub carriers	Kit
Lower arms	Kit
Ride height	5.0 mm
SHOCKS	
Arm mount location	C - Outside
Arm mount spacers	0 mm
Tower mount spacers	0 mm
Tower mounting hole	2 - Mid-in
Steering blocks	Kit
Steering stop angle	27 degrees
Toe	0 degrees
Tower	Kit
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	0.5 mm
Inner stud spacers	1 mm
Outer stud spacers	0 mm
Differential height	Low
Droop	5.2 mm
Lower arms	Kit
RF mount	Aluminum
RF mount inserts	0.5 up
RF mount spacers	1.5 mm
Ride height	5.1 mm
RR mount	Brass A
RR mount inserts	0.5 up
RR mount spacers	1.5 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	
Wheel hexes	4mm
Wheel shims	1 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	0.5 / 1 mm

TIRES

NOTES ETS Matrix Tires

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	6000 mAh
ESC brand	Muchmore
Motor brand	Muchmore
Motor wind	17.5 turns

SHOCKS

	FRONT	REAR
Oil weight	450 cst	450 cst
Pistons	4-hole	4-hole
Rebound	0 %	0 %
Springs	2.5-2.8	2.9
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

Bumper	Kit
FLEX	
Chassis	H2RD MidMotor Chassis
Mount mount screws	Most front
Upper deck	H2RD Cutted
Weight balance - F/R	51 / 49
Weight: total	1321 g
Weights	47g behind servo 10g in front of servo