Tamiya TRF420X

Setup: TRF420X MiboCup 2024 Hrotovice · Rainer Konrath · Feb 18, 2024

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Open/save in RC Setup App →

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EVENT

Event	Mrcp Series 17,5T
Class	17.5 Stock

TRACK

Track	Mrc Wr.Neustadt
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Medium / Open/Medium
Air temp	25°C (77°F)
Track temp	27.5°C (82°F)

FRONT SUSPENSION

ACKERMANN

Inner steering link shims	1 mm
Steering arm	Kit
Steering post	8.0mm
Anti-roll bar	1.4mm
Bump steer: outer steering link shims	1 mm
Camber	-2 degrees

CAMBER LINKS

Inner link shims	2 mm
Inner mount shims	1 mm
Outer link shims	0.7 mm
Differential height	High
Droop	5,6 mm
FF mount	Aluminum E
FF mount inserts	1 up and out
FF mount shims	0 mm
FR mount	Aluminum E
FR mount inserts	1 up and out
FR mount shims	0 mm
Hub carriers	Kit
Ride height	5,0 mm

SHOCKS

Arm mount location	B - Middle
Arm mount shims	2 mm
Tower mount location	2 - Middle
Tower mount shims	1.5 mm
Steering blocks	Kit
Steering stop angle	20° degrees
Toe	-1.5 degrees

TRACK

Wheel hexes	4mm
Wheel shims	0 mm
Wheelbase: arm spacers - F/R	0 / 1.5 mm

ELECTRONICS

Battery brand	Intellect Pioneering
Battery capacity	6000 mAh
Battery model	CC2S6000PT2
ESC brand	Orca
ESC model	ETS Blinky Pro
ESC settings	1-0 2-1 3-0 4-5 5-5 6-0 7-0 10-0
Motor brand	Trinity
Motor model	Slot Machine
Motor timing	47 degrees
Motor wind	17.5 turns

REAR SUSPENSION

Anti-roll bar	1.3mm
Camber	-2 degrees

CAMBER LINKS

Inner link shims	2 mm
Inner mount shims	1 mm
Outer link shims	1.5 mm
Differential height	High
Droop	4,8 mm
RF mount	Aluminum A
RF mount inserts	1 up and in
RF mount shims	0 mm
Ride height	5,2 mm
RR mount	Aluminum E
RR mount inserts	1 up
RR mount shims	0 mm

SHOCKS

Arm mount location	B - MIddle
Arm mount shims	0.5 mm
Tower mount location	2 - Middle
Tower mount shims	1 mm

TRACK

Wheel hexes	4mm
Wheel shims	0 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	0.5 / 1 mm

TIRES

	FRONT	REAR
Tire additive area	In, Mid-in, Mid-out	In, Mid-in, Mid-out, Out
Tire brand / type	Rush RU0445 30CPM VR2	Tpro TP440236WH
Tire compound	30	30
Tire additive	Mighty Blue	
Tire prep	20min 65°	

SHOCKS

	FRONT	REAR
Oil weight	450 cst	450 cst
Pistons	4-hole	4-hole
Rebound	0 %	0 %
Springs	Axon blue/red	Axon white/blue
Stroke	8.5 mm	8.5 mm
Shock oil brand	MuchMore	

DIFFERENTIALS

	FRONT	REAR
Diff type	Solid axle	Gear
Diff fluid	–	5,000 cst
Diff mass	–	1.3 g

DRIVETRAIN

Drive ratio - internal	1.85
Driveshafts - front	Double-joint CVD
Driveshafts - rear	CVD
Pinion	44 teeth
Spur	100

BODY & CHASSIS

Body	Bittydesign eptron
Body position	+1 forward
Bumper	Kit

FLEX

Chassis	Aluminum
Mount mount screws	1 - Front, 3, 4
Upper deck	420X
Upper deck screws	3
Rear wing	Standard
Weights	Only 20g Center weight
Wheelbase	Kit mm

NOTES Bearing Screw un the Upperdeck, and in the middle of the Topdeck i used a Hollowscrew