Tamiya TRF420X

Setup: ETS #16 Rd. 5 · Dominik Ruf (H2 Racing Development) · Jan 25, 2024

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EVENT

Event	ETS #16 Rd. 5
Class	Awesomatix ProStock

TRACK

Track	Daun
Type	Indoor carpet
Grip / moisture	High
Surface / layout	Smooth/Bumpy / Medium
Air temp	20°C (68°F)
Track temp	20°C (68°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering arm	Kit
Steering post	8.0mm
Anti-roll bar	1.4mm
Bump steer: outer steering link shims	1.5 mm
Camber	-2 degrees
CAMBER LINKS	
Inner link shims	3 mm
Inner mount shims	0.7 mm
Outer link shims	0.7 mm
Differential height	Low
Droop	5.8 mm
FF mount	Aluminum E
FF mount inserts	1 out, .5 up
FF mount shims	0.5 mm
FR mount	Aluminum E
FR mount inserts	1 out, .5 up
FR mount shims	1 mm
Hub carriers	Kit
Ride height	5.0 mm
SHOCKS	
Arm mount location	B - Middle
Arm mount shims	1 mm
Tower mount location	2 - Middle
Tower mount shims	0 mm
Steering blocks	Kit
Steering stop angle	22 degrees
Toe	-1 degrees
Track	189 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Wheelbase: arm spacers - F/R	1 / 0.5 mm

REAR SUSPENSION

Anti-roll bar	1.3mm
Camber	-2.75 degrees
CAMBER LINKS	
Inner link shims	2 mm
Inner mount shims	0.5 mm
Outer link shims	0.5 mm
Differential height	Low
Droop	5.0 mm
RF mount	Aluminum A
RF mount inserts	1 up and out
RF mount shims	0.5 mm
Ride height	5.0 mm
RR mount	Aluminum E
RR mount inserts	0.5 up
RR mount shims	1 mm
SHOCKS	
Arm mount location	C - Outside
Arm mount shims	0 mm
Tower mount location	1 - Inside
Tower mount shims	0 mm
TOE LINK	
Outer link shims	1.5 mm
Upright arm position	Up
Track	187 mm
TRACK	
Wheel hexes	4mm
Wheel shims	1.0 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	1 / 0.5 mm

NOTES No ARS

TIRES

	FRONT	REAR
Tire brand / type	Matrix	Matrix
Tire compound	EPC-028	EPC-028
Tire additive	MR33 V3	
Tire prep	20 min 65°C	

NOTES Very weird tires! New compound, very rubbery

SHOCKS

	FRONT	REAR
Oil weight	550 cst	550 cst
Pistons	4-hole	4-hole
Springs	SMJ 2.5-2.8	SMJ 3.2
Stroke	8.5 mm	8.5 mm
Shock oil brand	Tamiya	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	- cst	7,500 cst
Diff type	Solid axle	Gear
Diff mass	–	1.3 g
Diff fluid brand	Corally	

DRIVETRAIN

Drive ratio - final	4.5
Drive ratio - internal	1.85
Driveshafts - front	Double-joint CVD
Driveshafts - rear	CVD
Pinion	30 teeth
Spur	73

NOTES 48dp

BODY & CHASSIS

Body	ZooRacing Wolverine Max
Body position	4.0mm forward
Bumper	Kit
FLEX	
Chassis	Aluminum
Mount mount screws	1 - Front, 2, 5
Upper deck	420X
Upper deck screws	4
Rear wing	Twister
Weight balance - F/R	50 / 50
Weight: total	1304 g
Weights	10g each in front of servo/battery 15g behind motor 5g inside of rear battery holder

NOTES No Belt tensioner on topdeck

ELECTRONICS

Battery brand	**LRP**
Battery capacity	**5100 mAh**
Battery model	**Graphene 4.1 HV ULTRA LCG STOCK SPEC**
ESC brand	**Orca**
ESC model	**Blinky Pro**
Motor brand	**Orca**
Motor model	**Blit Reme 2**
Motor wind	**17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio model	**MT-4**
Receiver brand	**Ruddog**
Receiver model	**RR482**
Steering servo brand	**PowerHD**
Steering servo model	**R12s**
Transponder ID	**3375259**

NOTES 12A