Tamiya TRF420X

Setup: ETS #15 Rd. 3 · Dominik Ruf (H2 Racing Development) · Jun 1, 2023

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EVENT	
Event	ETS #15 Rd. 3
Class	Orca 17.5T Stock

TRACK	
Track	Andernach Arena33
Type	Outdoor asphalt
Grip / moisture	Medium
Surface / layout	Smooth / Medium
Air temp	27.5°C (82°F)

RESULTS	
Race type	Main
Finish	5th

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering arm	Kit
Steering post	8.5mm
Anti-roll bar	1.3mm White
Bump steer: outer steering link shims	2 mm
Camber	-2 degrees
CAMBER LINKS	
Inner link shims	1 mm
Inner mount shims	1.4 mm
Outer link shims	0.5 mm
Differential height	Low
Droop	5.4 mm
FF mount	Aluminum E
FF mount inserts	0 center
FF mount shims	0 mm
FR mount	Aluminum E
FR mount inserts	0.5 up and in
FR mount shims	0 mm
Hub carriers	Kit
Ride height	4.5 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	27 degrees
Toe	-0.5 degrees
Track	186 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	-2.5 degrees
CAMBER LINKS	
Inner link shims	0 mm
Inner mount shims	0 mm
Outer link shims	0 mm
Differential height	Low
Droop	5.0 mm
RF mount	Aluminum A
RF mount inserts	0.5 up
RF mount shims	0 mm
Ride height	5.0 mm
RR mount	Aluminum E
RR mount inserts	0.5 up
RR mount shims	0 mm
SHOCKS	
Arm mount location	B - MIddle
Arm mount shims	0 mm
Tower mount location	2 - Middle
Tower mount shims	0 mm
Track	186 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0.5 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	0.5 / 1 mm

NOTES No ARS

TIRES

	FRONT	REAR
Tire brand / type	Matrix EPA-036	Matrix EPA-036
Tire additive	MR33 V3	
Tire prep	20 min 65°C	

SHOCKS

	FRONT	REAR
Oil weight	550 cst	550 cst
Pistons	4-hole	4-hole
Springs	SMJ 2.5-2.8	SMJ 2.9
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	41 teeth
Spur	100

BODY & CHASSIS

Body	ZooRacing Wolverine Max
Body position	neutral
Bumper	Kit
FLEX	
Chassis	Carbon fiber
Mount mount screws	1 - Front, 5
Upper deck	420X
Upper deck screws	4
Weight: total	1332 g

ELECTRONICS

Battery brand	LRP
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
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