Tamiya TRF420X

Setup: ETS #15 Rd. 4 · Dominik Ruf (H2 Racing Development) · Jun 1, 2023

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EVENT	
Event	ETS #15 Rd. 4
Class	Orca 17.5T Stock

TRACK	
Track	Andernach Arena33
Type	Outdoor asphalt
Grip / moisture	Medium/Low
Surface / layout	Smooth/Medium / Open/Medium
Air temp	15°C (59°F)
Track temp	20°C (68°F)

RESULTS	
Race type	Main
Finish	5th

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	0 mm
Steering arm	Kit
Steering post	8.5mm
Anti-roll bar	1.4mm
Bump steer: outer steering link shims	2 mm
Camber	-2 degrees
CAMBER LINKS	
Inner link shims	2 mm
Inner mount shims	0.7 mm
Outer link shims	0.7 mm
Differential height	High
Droop	5.8 mm
FF mount	Aluminum E
FF mount inserts	1 out, .5 up
FF mount shims	0 mm
FR mount	Aluminum E
FR mount inserts	1 up, .5 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	3 - Outside
Tower mount shims	1.5 mm
Steering blocks	Kit
Steering stop angle	26 degrees
Toe	-0.5 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	-2.5 degrees
CAMBER LINKS	
Inner link shims	1 mm
Inner mount shims	0.7 mm
Outer link shims	1 mm
Differential height	High
Droop	4.8 mm
RF mount	Aluminum A
RF mount inserts	1 up and out
RF mount shims	0 mm
Ride height	5.2 mm
RR mount	Aluminum E
RR mount inserts	1 up, .5 out
RR mount shims	0 mm
SHOCKS	
Arm mount location	B - MIddle
Arm mount shims	0 mm
Tower mount location	3 - Outside
Tower mount shims	0 mm
Track	186 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	1 / 0.5 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 3.0	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	41 teeth
Spur	100

BODY & CHASSIS

Body	Blitz TCN 0.7mm
Body position	2.0mm forward
Bumper	Kit
FLEX	
Chassis	Carbon fiber
Mount mount screws	1 - Front, 5
Upper deck	420X
Weight: total	1327 g

NOTES No Belt tensioner on topdeck

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