Tamiya TRF420

Setup: Indoor: ETS#14 Rd.4 · Dominik Ruf (H2 Racing Development) · May 25, 2022

so dialed
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EVENT

Event	ETS#14 Rd.4
Class	17.5T

TRACK

Track	Neumünster
Type	Indoor carpet
Grip / moisture	High
Surface / layout	Smooth / Medium
Air temp	17.5°C (64°F)
Track temp	17.5°C (64°F)

RESULTS

Race type	Main
Finish	5th
Best lap	13.550 s
Average lap	13.911 s

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering post	8.5mm
Anti-roll bar	1.2mm Red
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	0.7 mm
Differential height	Low
Droop	5.8 mm
FF mount	Aluminum E
FF mount inserts	1 up and out
FF mount spacers	0.5 mm
FR mount	Aluminum E
FR mount inserts	1 up, .5 out
FR mount spacers	1 mm
Hub carriers	Kit
Lower arms	Kit
Ride height	5.0 mm
SHOCKS	
Arm mount location	B - Middle
Arm mount spacers	0 mm
Tower mount spacers	0 mm
Tower mounting hole	2 - Mid-in
Steering blocks	Kit
Steering stop angle	24 degrees
Toe	-1 degrees
Tower	H2RD LCG
Track	189 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0.5 mm
Wheelbase: arm spacers - F/R	0.5 / 1 mm

REAR SUSPENSION

Anti-roll bar	1.1mm Red
Camber	-2.5 degrees
CAMBER LINKS	
Inner mount spacers	0 mm
Inner stud spacers	2 mm
Outer stud spacers	0.7 mm
Differential height	Low
Droop	5.3 mm
Lower arms	Kit
RF mount	Aluminum E
RF mount inserts	1 up and out
RF mount spacers	1 mm
Ride height	5.0 mm
RR mount	Aluminum E
RR mount inserts	1 up and out
RR mount spacers	1 mm
SHOCKS	
Arm mount location	B - Center
Arm mount spacers	0 mm
Tower mount spacers	0 mm
Tower mounting hole	2 - Mid-in
TOE LINK	
Outer stud spacers	2 mm
Upright arm position	Up
Tower	H2RD LCG
Track	189 mm
TRACK	
Wheel hexes	4mm
Wheel shims	0 mm
Uprights	Kit
Wheelbase: arm spacers - F/R	1 / 0.5 mm

NOTES ARS installed

TIRES

	FRONT	REAR
Tire brand / type	Matrix EPC	Matrix EPC
Tire compound	28	28
Tire insert	Standard	Standard
Wheel brand / type	Matrix	Matrix
Tire additive - F/R	Full/Full MR33 V4	
Tire prep - F/R	20 min Additive, 10 min Additive	

SHOCKS

	FRONT	REAR
Oil weight	550 cst	550 cst
Pistons	4-hole	4-hole
Rebound	0 %	0 %
Springs	2.5-3.0	3.1
Stroke	9 mm	9 mm
Shock oil brand	Tamiya	

NOTES SMJ Springs

DIFFERENTIALS

	FRONT	REAR
Diff type	Solid axle	Gear
Diff fluid	–	10,000 cst
Diff fluid brand	Corally	

DRIVETRAIN

Drive ratio - final	5.0
Drive ratio - internal	1.85
Driveshafts - front	Double-joint CVD
Driveshafts - rear	CVD
Pinion	37 teeth
Spur	100

BODY & CHASSIS

Body	Blitz Roadster
Body position	2mm front
Body to bumper distance	10 mm
Bumper	Kit
FLEX	
Chassis	H2RD 2.5mm MidMotor Chassis
Mount mount screws	1 - Front, 4
Upper deck	H2RD Cutted
Rear wing	Standard
Weight balance - F/R	50 / 50
Weight: total	1328 g
Weights	47g behind servo 20g behind ESC 30g behind spur/battery 30g under battery
Wheelbase	261 mm

ELECTRONICS

Battery brand	**Intellect Pioneering**
Battery C rating	**120**
Battery capacity	**6200 mAh**
Battery model	**Shorty**
ESC brand	**Orca**
ESC model	**Blinky Pro**
Motor brand	**Orca**
Motor model	**Blitreme 2**
Motor wind	**17.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA steering	**100 %**
Radio EPA throttle	**100 %**
Radio model	**MT4**
Steering servo brand	**PowerHD**
Steering servo model	**R12**