Tamiya TRF421

Setup: 2025-05-10 Apeldoorn Practice V2 · Dominik Ruf (H2 Racing Development) · May 11, 2025

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EVENT

Event	Practice

TRACK

Track	AMCA Apeldoorn
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Smooth/Medium / Open
Air temp	20°C (68°F)

FRONT SUSPENSION

ACKERMANN

Inner steering link shims	1 mm
Steering pivot	8.0mm
Anti-roll bar	1.1mm Black
Axle height	0 mm
Bump steer: outer steering link shims	3 mm
Camber	-1.5 degrees

CAMBER LINKS

Inner shims	1.0/2.0 mm
Outer shims	4 mm
Caster	4 degrees
Differential height	Low
Droop	5.8 mm
FF mount shims	1 mm
FR mount shims	2 mm
Ride height	4.8 mm
Servo horn stud shims	0 mm

SHOCKS

Arm mounts	Mid
Tower mount shims	0 mm
Steering stop angle	23 degrees
Toe	-1 degrees

TRACK

Wheel hexes	4 mm
Wheel shims	0 mm

ELECTRONICS

Battery brand	LRP
Battery capacity	7400 mAh
Battery model	Graphene 4
ESC brand	Hobbywing
ESC model	Xerun XR10 Stock Spec G2
Motor brand	Hobbywing
Motor model	Xerun V10 G4R
Motor wind	17.5 turns

REAR SUSPENSION

Anti-roll bar	1.1mm Black
Axle height	0 mm
Camber	-2 degrees

CAMBER LINKS

Inner shims	1 mm
Outer shims	3 mm
Caster	-0.5 degrees
Differential height	Low
Droop	5.0 mm
RF mount shims	0 mm
Ride height	5.0 mm
RR mount shims	0 mm

SHOCKS

Arm mounts	In
Tower mount shims	0 mm
Toe	2.5 degrees
Toe link: outer shims	0 mm

TRACK

Wheel hexes	4 mm
Wheel shims	1 mm

BODY & CHASSIS

Body	Wolverine Max 5mm
Body position	4mm forward
Bumper	3d printed
Electronics layout	Speedo L7 Receiver L4

FLEX

Chassis	2.25mm Carbon fiber
Mount mount screws	1 - Front, 2, 3, 4
Upper deck	2mm 2-piece H2RD hard rear
Upper deck screws	Front: 1 Rear: 1, 2
Rear wing	Twister

NOTES T-Brass at the rear: front and arms with 0.5mm shim underneath

SHOCKS

	FRONT	REAR
Air hole	1 mm	1 mm
O-rings	Blue silicone	Blue silicone
Oil weight	450 cst	450 cst
Pistons	4-hole	4-hole
Springs	SMJ 2.5-2.8	SMJ 2.7
Stroke	8 mm	8 mm

Shock oil brand	Tamiya

DRIVETRAIN

DIFFS

Front fluid	spool cst
Front type	Solid axle
Rear fluid	7,500 cst
Rear fluid mass	1.3 g
Rear type	Gear
Drive ratio - final	3.8
Drive ratio - internal	1.85
Driveshafts - front	Double cardan
Driveshafts - rear	Universal
Pinion	37 teeth
Spur	76

TIRES

	FRONT	REAR
Tire brand / type	Matrix EPA-032	Matrix EPA-036

Tire additive	MR33 V3