XRAY T4F '19

Setup: West London National Hot Conditions · Kristian Opushenski · Jul 20, 2022

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TRACK

Track	West London Racing Centre
Type	Outdoor asphalt
Grip / moisture	Medium / Dry
Surface / layout	Medium / Medium
Air temp	32.5°C (91°F)

RESULTS

Race type	Practice
Finish	2nd

FRONT SUSPENSION

ACKERMANN

Inner steering link shims	1 mm
Outer steering link location	2 - Back
Anti-roll bar	1.3mm
Arm stiffeners	None
Arms	Hard
Bump steer: outer steering link shims	2.0 mm
Camber	-2 degrees

CAMBER LINK

Inner link location	1 - Rear
Inner link shims	2 mm
Outer link shims	1 mm
Differential height	Low
Downstop	6 mm
FF mount	Standard
FF mount inserts	1 down and in
FR mount	Standard
FR mount inserts	1 down and in
Hub carriers (caster)	4 deg Medium (#302363 / 4)
Ride height	5 mm
Servo saver arms	Composite

SHOCKS

Arm mount shims	0 mm
Tower mount shims	10.5 mm
Tower mounting hole	3 - Mid-out
Steering blocks	Hard
Steering lock	25 degrees
Toe	-1 degrees
Tower	3mm Graphite
Track: wheel hexes	+0mm
Wheelbase: arm spacers	1.0 mm

ELECTRONICS

Battery brand	Optipower
Battery C rating	130 C
Battery capacity	6000 mAh
ESC brand	Hobbywing
ESC model	Justock G3
ESC settings	15K RPM Limit
Motor brand	Hobbywing
Motor model	Justock 17.5T

REAR SUSPENSION

Anti-roll bar	1.3mm
Anti-roll bar stud location	2 - Middle
Arm stiffeners	None
Arms	Hard
Camber	-2 degrees

CAMBER LINK

Inner link location	1 - Front
Inner link shims	2 mm
Outer link location	A - Inside
Outer link shims	4 mm
Downstop	5 mm
RF mount inserts	1 out
RF mounts	2-piece
Ride height	5.2 mm
RR mount	Standard
RR mount inserts	0.5 out

SHOCKS

Arm mount spacers	0 mm
Tower mount spacers	0 mm
Tower mounting hole	3 - Middle
Toe - total	2.5 degrees
Tower	3mm Graphite
Track: wheel hexes	+0mm
Uprights	0 deg Hard
Wheelbase: arm spacers	1.0 mm

TIRES

	FRONT	REAR
Tire brand / type	Ride BRCA Belted	Ride BRCA Belted
Tire prep	Apply additive and 15min in tyre warmers. Remove tyre warmers 5min before race to cool down a little.	

SHOCKS

	FRONT	REAR
Oil weight	450 cst	450 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Rebound	0 %	0 %
Springs	2.9	2.7
Shock oil brand	MR33	

DIFFERENTIALS

Diff fluid brand	MR33
Front diff fluid	500,000 cst
Front diff gears	Kit
Front diff mass	10 g

DRIVETRAIN

Drive ratio - final	2.87
Drive ratio - internal	2.375
Driveshafts - front	ECS 51mm
Front drive type	Differential
Gear pitch	64
Pinion	63 teeth
Spur	76 teeth

BODY & CHASSIS

Battery position	Cross-chassis shorty
Body	Blitz MK9
Body mount height - rear	4 - High
Body mounts - front	+0mm
Body mounts - rear	+0mm
Bumper	Foam

FLEX

Chassis	Graphite
Top deck	2mm Graphite
Top deck shims	0 mm
Weight balance - F/R	68/32
Weight: total	1253 g
Weights	20gr under steering 30gr rear bulkhead