Xpress EXECUTE XM1S

Setup: LB 14/11/23 · Ade Davies · Nov 14, 2023

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EVENT	
Event	Winter Champs R4
Class	MTC

TRACK	
Track	Leighton Buzzard
Type	Indoor carpet
Grip / moisture	Medium/Low / Dry
Surface / layout	Medium/Bumpy / Medium
Air temp	12.5°C (55°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link spacers	0 mm
Outer steering stud location	1 - Outside
Anti-roll bar	1.3 mm
Arms	Medium
Bumpsteer: outer steering stud spacers	0 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud spacers	0 mm
Outer stud spacers	0 mm
Differential height	Low
Downstop	5 mm
FF mount	Composite
FF mount inserts	0 center
FF mount spacers	0 mm
FR mount	Split composite
FR mount inserts	0 center
FR mount spacers	0 mm
Hub carriers	Composite 4-degree
Ride height	5.2 mm
SHOCKS	
Arm mount spacers	1.0 mm
Arm mounting hole	B - Middle
Tower mount spacers	1.0 mm
Tower mounting hole	1 - Inside
Steering block plates	Medium
Steering blocks	Medium
Toe	-1 degrees
Tower	Low Profile
Track: wheel hexes	Aluminum 6mm
Wheelbase: arm spacers - F/R	3 / 2 mm

REAR SUSPENSION

Anti-roll bar	1.3 mm
Arms	Medium
Camber	-2 degrees
CAMBER LINK	
Inner stud spacers	0 mm
Outer stud location	A - Inside
Outer stud spacers	2.0 mm
Differential height	Low
Downstop	4.5 mm
RF mount	Split composite
RF mount inserts	0 center
RF mount spacers	0 mm
Ride height	5.3 mm
RR mount	Composite
RR mount inserts	0 center
RR mount spacers	0 mm
SHOCKS	
Arm mount spacers	1.0 mm
Arm mounting hole	C - Middle
Tower mount spacers	3.0 mm
Tower mounting hole	1 - Inside
Toe	+3 mm
Tower	Low Profile
Track: wheel hexes	Aluminum 5mm
Uprights	Medium
Wheelbase: arm spacers - F/R	0 / 4 mm

TIRES

	FRONT	REAR
Additive area	Inside 50%	Full tire
Tire brand / type	Rush	Rush
Tire compound	30	24
Tire additive - F/R	Spyder Green	
Tire glue diameter - F/R	5/0 mm	

SHOCKS

	FRONT	REAR
Bodies	Low Profile	Low Profile
Oil weight	450 cst	450 cst
Pistons	2-hole	2-hole
Springs	2.9 Core Purple	2.8 Core Yellow
Stroke	11 mm	11 mm
Shock oil brand	CORE	

DIFFERENTIALS

	FRONT	REAR
Diff fluid	Spool cst	4,000 cst
Diff fluid mass	–	1.3 g
Diff fluid brand	CORE	
Front diff type	Spool	

DRIVETRAIN

Drive ratio - final	4.8
Drive ratio - internal	1.9
Gear pitch	64
Pinion	38 teeth
Spur	95 teeth

NOTES 96T spur stripped change to 95

BODY & CHASSIS

Battery position	Middle
Body	Phat Lotus 300R
FLEX	
Chassis	FRP
Upper deck	FRP
Weight: total	1211 g
Weights	20g under front steering linkages
Wheelbase	210 mm

ELECTRONICS

Battery brand	Zee
Battery capacity	6000 mAh
ESC brand	Hobbywing
ESC model	10BL120
Motor brand	Rage
Motor model	Clubman
Motor timing	42 degrees
Motor wind	17.5 turns
Radio brand	Absima
Radio EPA steering	70 %
Radio model	CR4T Ultimate
Receiver brand	Etronix
Steering servo brand	Etronix
Steering servo model	ET2036
Transponder ID	3425717