



Driver: Brian Breckenridge

Class: 17.5 Sprint

Flat Banked Run Line: _____

Track: LCRC

Driving Style: Smooth

Surface: Smooth Bumpy

Event: MAD Series 2021

Aggressive

Traction: High Low

Tires

	Brand/Name	Compound	Insert
RF	Positron	M4	Stock
LF	Positron	M4	Stock
RR	Positron	M4	Stock
LR	Positron	M4	Stock

Cleaned With:

Simple Green

Traction Additive:

Talent in a Bottle

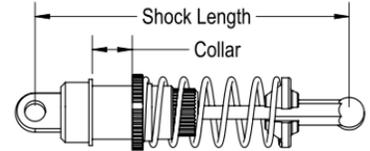
Notes:

Tires sanded/worn to 1/4 tread
Minimal traction additive used
"Arrow" of tread pointing backwards

Shocks

	Body Length		Shaft Length		Spring	Oil	Shock Piston		Shock Length	Collar	Spring Cup
RF	S	M	S	M	5#	20	S	L	20.4mm	.18	Sto Ext.
LF	S	M	S	M	5#	20	S	L	21mm	.18	Sto Ext.
RR	S	M	S	M	6#	25	S	L	21.8mm	.25	Sto Ext.
LR	S	M	S	M	6#	25	S	L	21.8mm	.18	Sto Ext.

Measure shock length with shocks on car and car not touching the ground. Go to lighter oil or larger piston if tires are skidding over bumps in track. Go to heavier oil or smaller piston if tires or car is bouncing.



Ride Height

LF	15mm	RF	15mm
LR	14mm	RR	14mm

Max Chassis Height

LF	24mm	RF	22mm
LR	22mm	RR	23mm

Corner Weights

LF	13.8	RF	10.8
LR	15.8	RR	17.5

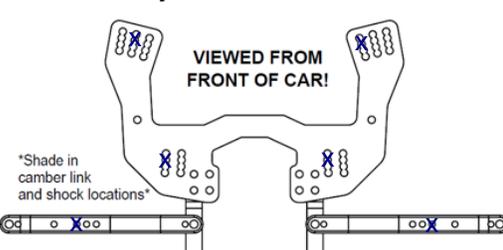
Rear %	
Left %	
Wedge %	

Measured From: Bottom of Chassis Top of Chassis

Total Weight: 57.9oz

Measured without wing

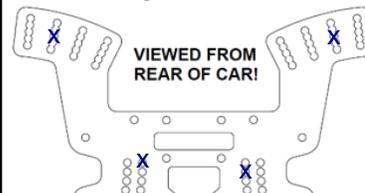
Front Suspension



Kick-Up	<input checked="" type="checkbox"/> 25° <input type="checkbox"/> 35°
Toe	<u>1 out</u>
Sway Bar	<input checked="" type="checkbox"/> None <input type="checkbox"/> _____

Right	Left	Right	Left
+1	0	0	3mm
<input checked="" type="checkbox"/> 0 <input type="checkbox"/> -5 <input type="checkbox"/> +5 <input type="checkbox"/> -10 <input type="checkbox"/> +10	<input type="checkbox"/> 0 <input checked="" type="checkbox"/> -5 <input type="checkbox"/> +5 <input type="checkbox"/> -10 <input type="checkbox"/> +10	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Middle <input type="checkbox"/> Outer	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Middle <input type="checkbox"/> Outer
<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Outer	<input checked="" type="checkbox"/> Inner <input type="checkbox"/> Outer	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Trailing	<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Trailing
<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Kingpin	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Kingpin	0	0

Rear Suspension



Outdrives / Diff.	<input type="checkbox"/> Steel <input type="checkbox"/> Alum <input checked="" type="checkbox"/> Gear
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Left	Right	Left	Right
+2	-1.5	7 in	5 out
<input checked="" type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Outer	<input type="checkbox"/> Inner <input checked="" type="checkbox"/> Outer
<input checked="" type="checkbox"/> None <input type="checkbox"/> .060 <input type="checkbox"/> .125 <input type="checkbox"/> Short <input checked="" type="checkbox"/> Long <input type="checkbox"/> Upper <input checked="" type="checkbox"/> Lower	<input checked="" type="checkbox"/> None <input type="checkbox"/> .060 <input type="checkbox"/> .125 <input type="checkbox"/> Short <input checked="" type="checkbox"/> Long <input type="checkbox"/> Upper <input checked="" type="checkbox"/> Lower	<input checked="" type="checkbox"/> None <input type="checkbox"/> 1.5° <input type="checkbox"/> 3° <input checked="" type="checkbox"/> Inner <input type="checkbox"/> Outer	<input checked="" type="checkbox"/> None <input type="checkbox"/> 1.5° <input type="checkbox"/> 3° <input checked="" type="checkbox"/> Inner <input type="checkbox"/> Outer
5.5	8.0	5.5	8.0

Top Wing:

6X6 7x7 Front wing buttons in low hole of new cage

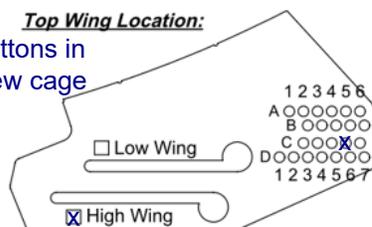
Front Wing:

None Small Large

Nose:

Scoop Traditional

Top Wing Location:



Electronics

Motor: R1 17.5

Speed Control: HW XR10Pro

Amp Draw: _____

Timing/Boost: 53 deg

Timing: 35 deg

Drag Brake: 5

Pinion: 27

Battery: Protek 6100 Shorty

Spur: 87

Battery Position: F M R

Notes: Fan on motor. No weight plate under battery. Rear 1/8" of center section of wing turned up to form wickerbill.

1/2 oz brass weight in left side header. Shock lengths are exposed shaft length.

Winner and fast lap in main. Setup can probably be improved with more testing, but this was the best the car was all day.

Track was in tip top shape from rain and overcast skies. Good grip and stayed consistent throughout the event.