TLR 8IGHT-XE Elite

Setup: LIT R/C Blocks Starting Setup · Marco R · Apr 28, 2022

so dialed
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TRACK

Track	Gulf Coast Raceway
Type	Outdoor hard-packed
Grip / moisture	Medium / Dry/Dusty
Surface / layout	Medium/Bumpy / Medium
Air temp	70°F (21°C)
Track temp	70°F (21°C)

FRONT SUSPENSION

Anti-roll bar	2.4mm
Arm inserts	Carbon
Arm mount inserts - A	0 middle
Arm mount inserts - B	0.5 down
Arms	Kit
Axle height	1mm on top
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	5 - Inside top
Outer link location	A - Inside top
Droop	28 mm
Hub carriers	Aluminum 17.5 deg
Kick-up	12.5 degrees
Ride height	26 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle-in
Steering arms	Kit
Steering blocks	Kit
STEERING LINK	
Inner link location	ProRC Carbon Steering Link in Middle hole
Inner link shims	2 mm
Outer link shims	1 mm
Toe	+1.5 degrees
Tower	Aluminum - Black
Track: wheel hexes	+0mm

BODY & CHASSIS

Battery position	Front
Body	Kit
Chassis	Kit
FLEX	
Center diff brace	Kit
Chassis rib brace	Aluminum
Front brace	Aluminum
Front chassis brace	Kit
Rear wing	JCONCEPTS F2I
Rear wing spacer	10 mm
Rear wing wickerbill	Built in

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm inserts	None
Arm mount inserts - C (anti-squat)	LIT RC, 1dot, down&in
Arm mount inserts - D (toe)	LIT RC, 1 DOT, down&in
Axle height	Aluminum hubs, middle hole
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	3 - Inside middle
Outer link location	D - Outside
Droop	25 mm
Hubs	Aluminum
Mud guards	None
Ride height	27 mm
Shock location	Back of arm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Tower	Aluminum - Black
Track: wheel hexes	+2mm
Wheelbase: hub shims	Front 0mm / rear 3mm (short)

NOTES Currently needing more off throttle traction entering faster corners. Specifically entering the oval and downsiding the tabletop. Going to double dot down and in on the D block may help, even 1 dot middle down. Test in on arm too
Need to test in on rear arm for shock

Need to test in on rear arm for lower shock mounting point.

TIRES

	FRONT	REAR
Tire brand / type	AKA Impacts	AKA Impacts
Tire compound	SLW	SLW
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	AKA	AKA

SHOCKS

	FRONT	REAR
Oil weight	45 wt	37.5 wt
Pistons	5 x 1.5mm	4x1.5, 1x1.9
Shafts	3.5mm	3.5mm
Shock length	108.5 mm	121 mm
Shock type	Emulsion	Emulsion
Springs	EVO 4.9 Green	EVO 3.8 Red
Shock oil brand	Team Losi	

NOTES Need to try 47WT rear in rear as suggested by team driver
Also new rear shock piston setup.

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	4,000 cst
Diff mass	43.2 g	42.7 g
Diff type	STD case, Steel pins	STD case, Steel pins
Center diff case	Standard	
Center diff fluid	7,000 cst	
Center diff mass	43.2 g	
Center diff type	STD case, Steel pins	
Diff fluid brand	TLR	

NOTES Need to test 10K center diff
Recommended by local fast guy.

DRIVETRAIN

Driveshaft - center front	Kit
Driveshaft - center rear	Kit
Driveshafts - front	Universal
Driveshafts - rear	Universal
Driveshafts - rear pin location	Universals
Pinion	15
Spur	46 teeth

NOTES Want to test rear DCVA in 1 and 3 hole

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**75 C**
Battery capacity	**6000 mAh**
Battery model	**Redline**
ESC brand	**Hobbywing**
ESC model	**XR8 Pro**
Motor brand	**Hobbywing**
Motor Kv constant	**1900 Kv**
Motor model	**Gen3**
Steering servo brand	**MKS Servos**
Steering servo model	**550**