TLR 8IGHT-XE Elite

Setup: Hard Packed, Rough, Grooved, Med to High Grip · Marco R · Dec 13, 2021

so dialed
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EVENT

Event	HARC Winter Series Rd 1
Class	Sportsman eBuggy

TRACK

Track	Gulf Coast Raceway
Type	Outdoor hard-packed
Grip / moisture	Medium/High / Dry
Surface / layout	Medium/Bumpy / Medium
Air temp	50°F (10°C)
Track temp	50°F (10°C)

RESULTS

Race type	Main
Race number	B
Finish	1st

FRONT SUSPENSION

Anti-roll bar	2.5mm
Arm inserts	Carbon
Arm mount inserts - A	0 middle
Arm mount inserts - B	0 middle
Arms	Kit
Axle height	2mm insert
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	5 - Inside top
Outer link location	B - Outside
Droop	28 mm
Hub carriers	Aluminum 17.5 deg
Kick-up	12 degrees
Ride height	24 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle-out
Steering arms	Kit
Steering blocks	Kit
STEERING LINK	
Inner link location	ProRc Carbon Steering Link in middle location(farthest back)
Inner link shims	2 mm
Outer link shims	1 mm
Toe	+1.5 degrees
Tower	Aluminum - Black
Track: wheel hexes	+0mm

NOTES Walliebuilds Front wing

TIRES

	FRONT	REAR
Tire brand / type	Aka Gridirons II	Aka Gridirons II
Tire compound	SSLW	SSLW
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	Aka	Aka

REAR SUSPENSION

Anti-roll bar	2.6mm
Arm inserts	Plastic
Arm mount inserts - C (anti-squat)	2.0 degrees - 0
Arm mount inserts - D (toe)	-3.5 degrees - 0.5 out
Axle height	Low
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	1 - Inside bottom
Outer link location	D - Outside
Droop	25 mm
Hubs	Aluminum
Mud guards	None
Ride height	25 mm
Shock location	Back of arm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Tower	Carbon
Track: wheel hexes	+2mm
Wheelbase: hub shims	Front 1mm / rear 2mm

DRIVETRAIN

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

ELECTRONICS

Battery brand	SMC
Battery C rating	75 C
Battery capacity	6500 mAh
ESC brand	Hobbywing
ESC model	XR8 Pro
Motor brand	Hobbywing
Motor Kv constant	1900 Kv
Steering servo brand	MKS Servos
Steering servo model	550

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 type	Emulsion	Emulsion
Springs	EVO 4.9 Green	EVO 3.8 Red

Shock oil brand	Team Losi

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.

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	TLR Plastic
Rear wing spacer	10 mm
Rear wing wickerbill	0.250