TLR 8IGHT-XTE

Setup: Outdoor Low Grip · Wes Miravalle (Mugen Seiki) · Jun 18, 2022

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EVENT

Event	2022 Season Club Racing
Class	1/8 E-Truggy

TRACK

Track	St. Louis Dirtburners
Type	Outdoor loose/loamy
Grip / moisture	Low / Dusty/Wet
Surface / layout	Bumpy/Blown-out / Medium
Air temp	95°F (35°C)
Track temp	105°F (41°C)

FRONT SUSPENSION

A mount inserts (kick-up)	1.0 down
Anti-roll bar	2.4mm
Arm inserts	Carbon
Arms	Kit
Axle height	Low
B mount inserts (kick-up)	0.5 up
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Inside mid-bottom
Outer stud location	A - Inside top
Droop	27 mm
Hub carrier	Aluminum 17.5 deg
Ride height	38 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle-in
Steering arms	Kit
Steering blocks	Kit
STEERING LINK	
Inner stud location	1 - Back
Inner stud spacers	2 mm
Outer stud spacers	2 mm
Toe	+2 degrees
Tower	Aluminum
Track: wheel hexes	8XT Front

TIRES

	FRONT	REAR
Tire brand / type	AKA Impact	AKA Impact
Tire compound	SSLW	SSLW
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	AKA	AKA

REAR SUSPENSION

Anti-roll bar	2.8mm - stiffest
Arm inserts	None
Arms	Kit
C mount inserts (anti-squat)	3.0 degrees - 1 down
Camber	-2 degrees
CAMBER LINK	
Inner stud location	7 - Outside mid-bottom
Outer stud location	C - MIddle-out
D mount inserts (toe)	-3.0 degrees - 0
Droop	20 mm
Hub pin position (axle height)	High (low axle)
Hubs	Aluminum
Ride height	39 mm
Shock location	Back of arm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle-in
Tower	Aluminum
Track: wheel hexes	8XT Rear
Wheelbase: hub spacers	Front 0mm / rear 3mm (short)

BODY & CHASSIS

Battery position	Forward
Body	Proline Axis Bruggy
Center diff brace	Carbon fiber
Chassis	Kit
Chassis rib brace	Aluminum
Front brace	Aluminum
Front chassis brace	Kit
Rear wing	TLR Plastic
Rear wing mount holes	Rear bottom
Rear wing wickerbill	0.250
Weight balance (F/R)	51 / 49
Weight: total	4243 g

NOTES 10mm Wing Spacer

SHOCKS

	FRONT	REAR
Oil weight	40 wt	35 wt
Pistons	MIP 6 x 1.2mm	MIP 6 x 1.2mm
Shafts	3.5mm	3.5mm
Shock type	Emulsion	Emulsion
Springs	Orange	Red
Shock oil brand	Team Losi	

NOTES Green valves front/rear

DIFFERENTIALS

	FRONT	REAR
Diff case	HD	HD
Diff fluid	15,000 cst	7,000 cst
Diff mass	46.8 g	46.8 g
Center diff case	HD	
Center diff fluid	10,000 cst	
Center diff mass	46.8 g	
Diff fluid brand	Team Losi	

DRIVETRAIN

Drive ratio - final	13.5
Drive ratio - internal	4.5
Driveshaft - center front	Kit
Driveshaft - center rear	Kit
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	15 teeth
Spur	48 teeth

ELECTRONICS

Battery brand	**Send It R/C**
Battery C rating	**130C**
Battery capacity	**6500 mAh**
Battery model	**LCG**
ESC brand	**Hobbywing**
ESC model	**XR8 Pro**
Motor brand	**Hobbywing**
Motor Kv constant	**2250 Kv**
Motor model	**4274SD G3**
Motor timing	**27 degrees**
Radio brand	**Futaba**
Radio EPA steering	**100 %**
Radio EPA throttle	**100 / 80 %**
Radio model	**7PXR**
Receiver brand	**Futaba**
Receiver model	**R334SBS-E**
Steering servo brand	**Send It R/C**
Steering servo model	**HV626**
Transponder ID	**8048570**

NOTES Steering Expo -15%
Throttle Expo -20%
Brake Expo -20%