TLR 8IGHT-XE 2.0

Setup: Mike's New Dirt Club Race (11/26/2022) · Wyatt Wilson (TLR) · Nov 28, 2022

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EVENT	
Event	New Dirt Club Race

TRACK	
Track	Mike's Gulf Coast Raceway
Type	Outdoor hard-packed
Grip / moisture	Medium / Wet
Surface / layout	Smooth / Medium/Open
Air temp	55°F (13°C)
Track temp	55°F (13°C)

RESULTS	
Race type	Main
Finish	1st

FRONT SUSPENSION

ACKERMANN	
Inner steering link location	2 - Middle
Steering arms	A
Anti-roll bar	2.4mm
Arm mount inserts - A	0.5 up
Arm mount inserts - B	1 down
Arm stiffeners	Standard
Axle height	High (1mm on bottom)
BUMP STEER	
Inner steering link shims	2 mm
Outer steering link shims	1 mm
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	4 - Mid-top
Outer link location	B - Outside
Droop	29 mm
Hub carriers	Aluminum 17.5 deg v2
Ride height	28.5 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Steering bellcrank	Aluminum
Steering blocks	Aluminum Inclined
Toe	-1.5 degrees
Track: wheel hexes	+0mm
Wheelbase: arm shims - F/R	0 / 1 mm

ELECTRONICS

Battery brand	Gens Ace
Battery C rating	130 C
Battery capacity	6000 mAh
Battery model	Redline LiHV (2S)
ESC brand	Tekin
ESC model	RX8
ESC settings	Punch: 5
Motor brand	Tekin
Motor Kv constant	1900 Kv
Motor model	T8
Radio brand	Sanwa/Airtronics
Radio model	M17
Receiver brand	Sanwa/Airtronics
Steering servo brand	Send-it
Steering servo model	HV626

REAR SUSPENSION

Anti-roll bar	2.5mm
Arm mount inserts - C	1 down, .5 in
Arm mount inserts - D	1 down and out
Arm stiffeners	None
Axle height: hub inserts	0 - Top
Camber	-1.5 degrees
CAMBER LINK	
Inner link location	3 - Middle
Outer link location	C - Outside
Droop	26 mm
Hubs	Aluminum
Ride height	28.5 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Mid-in
Track: wheel hexes	+0mm
WHEELBASE	
Arm shims - F/R	0 / 3 mm
Hub shims - F/R	1 / 2 mm

DRIVETRAIN

Drive ratio - internal	3.31
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	16 teeth
Spur	47 teeth

TIRES

	FRONT	REAR
Tire brand / type	VP Pro TurboTrax	VP Pro TurboTrax
Tire compound	Soft	Soft
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	VP Pro	Vp Pro

Tire prep	MRP Grip N Rip

SHOCKS

	FRONT	REAR
Oil weight	45 wt	40 wt
Pistons	v2 5 x 1.5mm	4 x 1.5mm, 1 x 1.9mm tapered
Shafts	3.5mm	3.5mm
Shock type	Emulsion	Emulsion
Springs	EVO 8X Front	Mugen 10.25

Shock oil brand	Team Losi

DIFFERENTIALS

	FRONT	REAR
Diff case	HD	HD
Diff fluid	7,000 cst	4,000 cst
Diff mass	40.3 g	42.7 g
Diff pins	Steel	Steel

Center diff case	HD
Center diff fluid	5,000 cst
Center diff mass	40.7 g
Center diff pins	Steel
Diff fluid brand	TLR

BODY & CHASSIS

Battery position	Front
Body	Proline Axis
FLEX	
Chassis brace	Composite
Chassis rib brace	Aluminum
Rear wing	TLR Plastic
Rear wing location	Front bottom
Rear wing wickerbill	0.350