TLR 8IGHT-XE 2.0

Setup: Mike's Gulf Coast Raceway (7/16/2022) · Wyatt Wilson (TLR) · Jul 19, 2022

so dialed
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EVENT

Event	HARC Summer Series Round 1

TRACK

Track	Mike's Gulf Coast Raceway
Type	Outdoor clay
Grip / moisture	Medium/High / Dry/Dusty
Surface / layout	Smooth/Medium / Tight/Medium
Air temp	100°F (38°C)
Track temp	90°F (32°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link location	2 - Middle
Steering arms	A
Anti-roll bar	2.4mm
Arm mount inserts - A	0.5 up and out
Arm mount inserts - B	1 down and .5 out
Arm stiffeners	Standard
Axle height	High (1mm on bottom)
BUMP STEER	
Inner steering link shims	2 mm
Outer steering link shims	1 mm
Camber	-2 degrees
CAMBER LINK	
Inner link location	4 - Mid-top
Outer link location	B - Outside
Droop	31 mm
Hub carriers	Aluminum 20 deg
Ride height	24 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Steering bellcrank	Composite
Steering blocks	Aluminum
Toe	-1.5 degrees
Track: wheel hexes	+0mm
Wheelbase: arm shims - F/R	1 / 0 mm

ELECTRONICS

Battery brand	Gens Ace
Battery capacity	6500 mAh
Battery model	Redline
ESC brand	Tekin
ESC model	RX8
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	0.5 down and in
Arm mount inserts - D	1 down and 0.5 in
Arm stiffeners	None
Axle height: hub inserts	2 - Middle
Camber	-2 degrees
CAMBER LINK	
Inner link location	3 - Middle
Outer link location	C - Outside
Droop	28 mm
Hubs	8X 2.0
Ride height	26 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Mid-out
Track: wheel hexes	+0mm
WHEELBASE	
Arm shims - F/R	1 / 2 mm
Hub shims - F/R	0 / 3 mm

DRIVETRAIN

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

TIRES

	FRONT	REAR
Wheel brand / type	TLR44000	TLR44000

SHOCKS

	FRONT	REAR
Oil weight	50 wt	47.5 wt
Pistons	v2 5 x 1.5mm	v2 5 x 1.6mm
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	7,000 cst
Center diff mass	40.7 g
Center diff pins	Steel
Diff fluid brand	TLR

BODY & CHASSIS

Battery position	Front
Body	8X 2.0
FLEX	
Chassis brace	Composite
Chassis rib brace	Aluminum
Rear wing	TLR Plastic
Rear wing location	Rear top
Rear wing wickerbill	0.350