TLR 8IGHT-XE 2.0

Setup: My Base Setup · Justin Coral (TLR) · Feb 19, 2023

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TRACK

Track	Gulf Coast Raceway
Type	Indoor hard-packed
Grip / moisture	Medium / Dry
Surface / layout	Medium / Tight
Air temp	45°F (7°C)
Track temp	40°F (4°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link location	1 - Back
Steering arms	B
Anti-roll bar	2.4mm
Arm mount inserts - A	1 out, .5 up
Arm mount inserts - B	1 down and out
Arm stiffeners	Carbon
Axle height	Low (1mm on top)
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	Outside
Droop	29 mm
Hub carriers	Aluminum 17.5 deg v2
Ride height	27 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Mid-in
Steering bellcrank	Aluminum
Steering blocks	Aluminum Inclined
Toe	-1 degrees
Track: wheel hexes	+1mm
Wheelbase: arm shims - F/R	1 / 0 mm

NOTES 17.5 V2 Alum Carrier, Outside Hole

REAR SUSPENSION

Anti-roll bar	2.5mm
Arm mount inserts - C	1 in, .5 down
Arm mount inserts - D	1 down, .5 in
Arm stiffeners	None
Axle height: hub inserts	0 - Top
Camber	-2 degrees
CAMBER LINK	
Inner link location	1 - Bottom
Outer link location	C - Outside
Droop	25 mm
Hubs	Aluminum
Ride height	28 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	3 - Mid-out
Track: wheel hexes	+1mm
WHEELBASE	
Arm shims - F/R	1 / 2 mm
Hub shims - F/R	0 / 3 mm

NOTES Alum Rear Hub, B Block Outside Hole

DRIVETRAIN

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

TIRES

	FRONT	REAR
Tire brand / type	JC Rehabs	JC Rehabs
Tire compound	Soft Blue	Soft Blue
Wheel brand / type	JC bullets	JC bullets
Tire prep	Liquid Wrench	

SHOCKS

	FRONT	REAR
Oil weight	40 wt	37.5 wt
Pistons	VRP XV3's 3x1.4 and 2x1.5	VRP XV3's 2x1.5 and 3x1.6
Rebound	0 %	0 %
Shafts	3.5mm	3.5mm
Shock type	Emulsion	Emulsion
Springs	Mugen 8.75	Mugen 10.25
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff case	HD	HD
Diff fluid	5,000 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	8X 2.0
FLEX	
Chassis brace	Composite
Chassis rib brace	Aluminum
Rear wing	Beta
Rear wing location	Rear bottom
Rear wing wickerbill	None

ELECTRONICS

Battery brand	Spektrum
Battery capacity	6300 mAh
Motor brand	Tekin
Motor model	2050kv