TLR 8IGHT-X 2.0

Setup: My Base Setup · John S · Mar 8, 2024

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EVENT	
Event	Club race

TRACK	
Track	Thunder Road Hobbies
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry
Surface / layout	Blown-out/Bumpy
Air temp	65°F (18°C)
Track temp	55°F (13°C)

FRONT SUSPENSION

ACKERMANN	
Inner steering link location	3 - Front
Steering arms	A
Anti-roll bar	2.4mm
Arm mount inserts - A	0 center
Arm mount inserts - B	0 center
Arm stiffeners	Carbon
Axle height	Low (1mm on top)
BUMP STEER	
Inner steering link shims	2 mm
Outer steering link shims	2 mm
Camber	-2 degrees
CAMBER LINK	
Inner link location	4 - Mid-top
Outer link location	Middle
Droop	28 mm
Hub carriers	Plastic 17.5 deg
Ride height	26.5 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Mid-out
Steering bellcrank	Composite
Steering blocks	Aluminum
Toe	-1.5 degrees
Track: wheel hexes	+0mm
Wheelbase: arm shims - F/R	1 / 0 mm

TIRES

	FRONT	REAR
Wheel brand / type	TLR44000	TLR44000

REAR SUSPENSION

Anti-roll bar	Tekno 2.2
Arm mount inserts - C	0 center
Arm mount inserts - D	0 center
Arm stiffeners	None
Axle height: hub inserts	0 - Top
Camber	-2 degrees
CAMBER LINK	
Inner link location	3 - Middle
Outer link location	C - Outside
Droop	25 mm
Hubs	8X 2.0
Ride height	27.5 mm
SHOCKS	
Arm mounting hole	C - Outside
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

Brake bias - F/R	- / -
Clutch shoes & springs	2x aluminum shoes & gold springs, 2x carbon shoes & green springs
Drive ratio - internal	3.31
Driveshafts - front	Universal
Driveshafts - rear	Universal
Flywheel	Aluminum
Pinion	13 teeth
Spur	47 teeth

SHOCKS

	FRONT	REAR
Oil weight	47	40 wt
Pistons	v2 5 x 1.5mm	v2 5 x 1.6mm
Shafts	3.5mm	3.5mm
Shock type	Emulsion	Emulsion
Springs	Silver	Silver
Shock oil brand	Team Losi	

DIFFERENTIALS

	FRONT	REAR
Diff case	HD	HD
Diff fluid	12.5 cst	10,000 cst
Diff mass	40.3 g	42.7 g
Diff pins	Aluminum	Aluminum
Center diff case	HD	
Center diff fluid	10,000 cst	
Center diff mass	40.7 g	
Center diff pins	Aluminum	
Diff fluid brand	TLR	

ENGINE

Engine brand	O.S.
Engine model	.21 XZ—B
Fuel	VP powermaster 30/9 Pro Race fuel.
Glow plug	O.S. P3
Pipe / header	Protek 2090 75mm manifold

BODY & CHASSIS

Battery position	Front
Body	8X 2.0
FLEX	
Chassis brace	Composite
Chassis rib brace	Aluminum
Rear wing	Jconcepts F2I
Rear wing location	Rear bottom
Rear wing wickerbill	None