TLR 8IGHT-X Elite

Setup: Adobe Mountain Practice · Justin Miller · Nov 3, 2023

so dialed
Open/save in RC Setup App →

Scan to open in the app

EVENT

Event	Practice

TRACK

Track	Adobe Mountain R/C Speedway
Type	Outdoor loose/loamy
Grip / moisture	Low / Dry/Dusty
Surface / layout	Bumpy / Medium

FRONT SUSPENSION

A mount inserts	0 middle
Anti-roll bar	2.4mm
Arm inserts	Carbon
Axle height	High
B mount inserts	0 middle
Camber	-2 degrees
CAMBER LINK	
Inner link location	5 - Inside top
Outer link location	B - Outside
Droop	29mm
Hub carrier	Aluminum 17.5 deg
Kick-up	12 degrees
Ride height	28 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	2 - Middle-in
STEERING LINK	
Inner link location	1 - Back
Inner link shims	2 mm
Outer link shims	1 mm
Toe	-1 degrees
Tower	Aluminum
Track: wheel hexes	Kit

BODY & CHASSIS

Body	Proline Axis
Engine mount	Aluminum quick-change
FLEX	
Center diff brace	Carbon fiber
Chassis rib brace	Aluminum
Front brace	Aluminum
Front chassis brace	Kit
Rear wing	TLR Plastic
Rear wing spacer	10 mm
Rear wing wickerbill	0.250

NOTES 8ight X converted Elite

REAR SUSPENSION

Anti-roll bar	2.5mm
Anti-squat / C block inserts	1.0 degrees - 1 up
Arm inserts	Plastic
Axle height	Middle
Camber	-2 degrees
CAMBER LINK	
Inner link location	3 - Inside middle
Outer link location	C - MIddle-out
Droop	25 mm
Hub	Aluminum
Mud guards	None
Ride height	27 mm
Shock location	Back of arm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	4 - Middle-out
Toe plate / D block insert	-3.0 degrees - 0
Tower	Aluminum
Track: wheel hexes	+2mm
Wheelbase: hub shims	Front 1mm / rear 2mm

ENGINE

Engine brand	Reds Racing
Engine model	721 S Scuderia
Fuel	VP 30% Nitro, 9% Oil
Glow plug	Reds TS3
Pipe / header	Reds X-One “Torque” 2143

NOTES -If there is almost a second idle like it is 4 stroking = rear engine bearing failing
-0.5mm idle gap without ventery
-adjust low needle for idle, high speed for on throttle top end
-richen LSN to raise idle

ELECTRONICS

Radio brand	Sanwa/Airtronics
Radio model	M12S RS
Receiver battery	Life 1600
Receiver brand	Sanwa/Airtronics
Receiver model	RX-47T
Steering servo brand	ProTek
Steering servo model	170 SBL
Throttle servo brand	ProTek
Throttle servo model	170 TBL
Transponder ID	2499916

SHOCKS

	FRONT	REAR
Oil weight	45 wt	42.5 wt
Pistons	8x1.3mm Gamechanger MP	8x1.3mm Gamechanger MP
Shafts	4mm	4mm
Shock length	109 mm	125 mm
Shock type	Emulsion	Emulsion
Springs	EVO 5.5 Gray	EVO 3.6 Brown
Shock oil brand	Team Associated	

NOTES VRP Gamechanger Pistons

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,000 cst	4,000 cst
Center diff case	Heavy duty	
Center diff fluid	7,000 cst	
Diff fluid brand	TLR	

NOTES All 3 HD Diff Cases

DRIVETRAIN

Clutch shoes & springs	Reds Tetra - 4 Aluminum
Driveshafts - front	CVA
Driveshafts - rear	CVA
Driveshafts - rear pin location	No spacing stock 8X axles
Pinion	13 teeth
Spur	48 teeth

NOTES Lightweight Rear Diff Gear

TIRES

	FRONT	REAR
Tire brand / type	Reflex	Reflex
Tire compound	Green	Green
Tire insert	Standard	Standard
Wheel brand / type	JConcepts	JConcepts