WRC SBX.1

Setup: Ryan Lutz - Indoor clay, med grip · Joel D (So Dialed) · Dec 15, 2020

so dialed
Open/save in RC Setup App →

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TRACK

Track	Ohio R/C Factory
Type	Indoor clay
Grip / moisture	Medium / Dry
Surface / layout	Medium
Air temp	55°F (13°C)

FRONT SUSPENSION

Ackermann: steering link inner stud location	3 - Mid-front
Anti-roll bar	2.3mm (#100517.23)
Anti-roll bar end gap	2 mm
Camber	-1 degrees
Caster (upper arm shims - F/R)	2 / 0 mm
Droop	53 mm
LOWER ARM	
Mount inserts - front	Middle
Mount inserts - rear	Up
Pivot ball shims	0.5 mm
Pivot balls	Aluminum
Lower arms	Soft
Ride height	23 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Steering block arm	Kit
Steering link stud spacers - inner/outer	0 / 0 mm
Toe	+2 degrees
Tower	Aluminum
Track: wheel hexes	Kit
UPPER ARM	
Mount inserts - front	Middle
Mount inserts - rear	Middle
Pivot ball shims	2.0 mm
Pivot balls	Aluminum
Upper arms	Soft
Uprights	Kit
Wheelbase (lower arm shims - F/R)	0 / 1 mm

NOTES Shorter tower than ebuggy. Tower hole gap: 24.75mm.

REAR SUSPENSION

Anti-roll bar	2.5mm
Anti-roll bar end gap	2 mm
Arms	Soft
Axle height (hub pin)	Low (high pin)
Camber	-1 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
Droop	60 mm
RF mount inserts	Middle
Ride height	27 mm
RR mount inserts	Down and out
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Tower	Aluminum
Track: wheel hexes	Kit
Uprights	Kit
Wheelbase (arm shims - F/R)	0 / 1 mm
Wheelbase: hub shims - F/R	0 / 4.5 mm

ENGINE

Engine brand	Alpha
Engine model	Dragon IV
Fuel	VP Lutz 30%
Glow plug	Alpha T3
Pipe / header	Alpha 2159

BODY & CHASSIS

Body	Kit
Chassis brace - front	Kit
Chassis brace - rear	Kit
Rear wing	Downforce
Rear wing gap to tower	19 mm
Rear wing height	4 mm
Weight: total	3450 g

SHOCKS

	FRONT	REAR
Membranes	Blue medium	Yellow soft
Oil weight	550 cst	400 cst
Pistons	6 x 1.3mm	6 x 1.4mm
Rebound	50 %	50 %
Shock length	105.5 mm	125 mm
Springs	Kit	Kit
Shock oil brand	P-ONE	

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff crown gear	Kit	Kit
Diff fluid	15,000 cst	7,000 cst
Diff mass	3 g	3 g
Center diff case	Kit	
Center diff fluid	10,000 cst	
Center diff mass	3 g	

DRIVETRAIN

Clutch shoes & springs	Shoes: 2 hard, 2 med Alpha 4 shoe alum
Drive ratio - final	11.70
Drive ratio - internal	3.31
Driveshaft - center front	Kit
Driveshaft - center rear	Kit
Driveshafts - front	CVD
Driveshafts - rear	CVD
Pinion	13 teeth
Pinion gear - front	13 teeth
Pinion gear - rear	13 teeth
Spur	46 teeth

TIRES

	FRONT	REAR
Tire brand / type	AKA Typo	AKA Typo
Tire compound	Ultra soft	Ultra soft
Tire insert	AKA Red	AKA Red
Wheel brand / type	AKA Evo	AKA Evo