WRC SBX.1

Setup: Nemo Raceway GP · Matt Box · Sep 2, 2021

so dialed
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EVENT

Event	Gp
Class	Nitro

TRACK

Track	Nemo raceway
Type	Outdoor clay
Grip / moisture	Medium / Dry
Surface / layout	Rutted/Bumpy / Medium
Air temp	20°C (68°F)
Track temp	25°C (77°F)

RESULTS

Race type	Main
Race number	7
Finish	7th
Best lap	43.0 s
Average lap	46.5 s

FRONT SUSPENSION

Ackermann: steering link inner stud location	3 - Mid-front
Anti-roll bar	2.3mm
Anti-roll bar end gap	4.5 mm
Camber	-1 degrees
Caster: upper arm shims - F/R	2 / 2 mm
Droop	103 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	22 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	+1 degrees
Tower	Short Aluminium
Track: wheel hexes	Kit

UPPER ARM

Mount inserts - front	Middle
Mount inserts - rear	Middle
Pivot ball shims	1.0 mm
Pivot balls	Aluminum
Upper arms	Soft
Uprights	Kit
Wheelbase: lower arm shims - F/R	0 / 2 mm

TIRES

	FRONT	REAR
Tire brand / type	Hotrace bangkokv2	Hotrace Bangkokv2
Tire compound	Clay	Clay
Tire insert	Open-cell	Open-cell
Tire prep	RC Haus No Dremel	RC Haus No Dremel
Wheel brand / type	Sp	Sp

REAR SUSPENSION

Anti-roll bar	2.7mm (#100516.27)
Anti-roll bar end gap	4.5 mm
Arms	Soft
Axle height: hub pin	High (low pin)
Camber	-2 degrees

CAMBER LINK

Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
Droop	121 mm
RF mount inserts	Up
Ride height	27 mm
RR mount inserts	Down and out

SHOCKS

Arm mounting hole	B - Outside
Tower mounting hole	3 - Middle
Tower	Aluminium short
Track: wheel hexes	+1
Uprights	Kit

WHEELBASE

Arm shims - F/R	2 / 0 mm
Hub shims - F/R	4.5 / 0 mm

NOTES Long wheel base arms fully back on hubs. RR insert centre

ENGINE

Engine brand	Ielasi Tuned
Engine model	Dusty R
Fuel	Optifuel
Glow plug	P3
Pipe / header	Hipex 2135 fastlock HD

BODY & CHASSIS

Body	Kit
Chassis brace - front	Kit
Chassis brace - rear	Kit
Rear wing	Kit
Rear wing gap to tower	31 mm
Rear wing height	4 mm

SHOCKS

	FRONT	REAR
Membranes	Yellow soft	Yellow soft
Oil weight	600 cst	500 cst
Pistons	8 x 1.2mm tapered	8 x 1.3mm tapered
Rebound	25 %	25 %
Shock length	103 mm	121 mm
Springs	Red Hard	Kit
Stroke	32 mm	40 mm

Shock oil brand	Hotrace

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff crown gear	Kit	Kit
Diff fluid	15,000 cst	5,000 cst
Diff mass	3 g	3 g

Center diff case	Kit
Center diff fluid	10,000 cst
Center diff mass	3 g
Diff fluid brand	Hotrace

DRIVETRAIN

Clutch shoes & springs	Vp Pro 4 shoe standard
Drive ratio - final	12.52
Drive ratio - internal	3.54
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

ELECTRONICS

Radio EPA steering	98 %