WRC SBX.1

Setup: East Shrewsbury NXC High Grip · Matt Box · Jun 28, 2021

so dialed
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EVENT

Event	Nitro X Cross
Class	Nitro

TRACK

Track	East Shrewsbury BRC
Type	Outdoor blue groove
Grip / moisture	High / Dry
Surface / layout	Medium / Open
Air temp	25°C (77°F)
Track temp	25°C (77°F)

RESULTS

Race type	Main
Finish	5th
Best lap	42.7 s
Average lap	45 s

FRONT SUSPENSION

Ackermann: steering link inner stud location	3 - Mid-front
Anti-roll bar	2.4mm
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	24 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	0 degrees
Tower	Short Aluminium
Track: wheel hexes	+2

UPPER ARM

Mount inserts - front	Middle
Mount inserts - rear	Middle
Pivot ball shims	1.5 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
Tire compound	Medium	Medium
Tire insert	Closed-cell	Closed-cell
Wheel brand / type	Sp	Sp

NOTES Very high grip surface

REAR SUSPENSION

Anti-roll bar	2.6mm (#100516.26)
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	122 mm
RF mount inserts	Up
Ride height	27 mm
RR mount inserts	Down

SHOCKS

Arm mounting hole	B - Outside
Tower mounting hole	4 - Mid-out
Tower	Aluminium short
Track: wheel hexes	+2
Uprights	Kit

WHEELBASE

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

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

ENGINE

Engine brand	Ielasi Tuned
Engine model	Hummer
Fuel	Shoot
Glow plug	CT06
Pipe / header	Hipex 2135 fastlock HD

BODY & CHASSIS

Body	Kit
Chassis brace - front	Kit
Chassis brace - rear	Kit
Rear wing	Black WRC no wicker
Rear wing gap to tower	31 mm
Rear wing height	4 mm

SHOCKS

	FRONT	REAR
Membranes	Kit	Kit
Oil weight	650 cst	450 cst
Pistons	6 x 1.3mm	6 x 1.3mm
Rebound	25 %	25 %
Shock length	103 mm	122 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	7,000 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	90 %