XRAY XB2C '21

Setup: Grimstad Raceway Practice · Oyvind Stusdal (Elefun) · Apr 19, 2022

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EVENT	
Event	Practice

TRACK	
Track	Grimstad Raceway
Type	Indoor carpet
Grip / moisture	High / Dry
Surface / layout	Smooth / Tight

RESULTS	
Best lap	12,453 s
Average lap	12723 s

FRONT SUSPENSION

Anti-roll bar	None
Arms	LSM Graphite (#322113-G / 23-G)
Axle height (steering block spacers)	High axle / low spacer
Camber	0 degrees
CAMBER LINK	
Inner stud location	4 - Outside
Inner stud spacers	1 mm
Outer stud location	B - Outside
Caster (hub carrier inserts)	5 degrees
Hub carrier (C-Hub)	Hard (#322210-H / 220-H)
Kick-up (suspension mount)	Composite 26 deg
Ride height	16 mm
Roll center holder	Aluminum
Servo horn stud spacers	3 mm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	3 - Mid-out
Steering block arms	3 slots
Steering blocks	Hard
STEERING LINK	
Inner stud spacers	0 mm
Outer stud spacers	0 mm
Steering plate orientation	Ball studs forward (carpet)
Toe	+0.5 degrees
Tower	Graphite 3.5mm 4-hole
Wheel hex	Lightweight -0.75mm
Wheelbase (hub carrier spacers - front)	0 mm

NOTES Alu roll center holder with 1mm on inner camber link, equals no camber link shim on graphite roll center holder.
Alu steering plate and arms mounted

REAR SUSPENSION

Anti-roll bar	1.0mm
Arms	Hard (#363112-H / 122-H)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	Alum mount / 2 - Front
Inner stud spacers	6 mm
Outer stud location	Kit mount - Outside
Outer stud mount spacers	0 mm
Outer stud spacers	2 mm
Differential height	3 dots down - highest
Hub	Hard
Hub inserts (track/axle height)	1 down and out
RF mount inserts	1 up and out
Ride height	16 mm
Roll center holder	Aluminum
RR mount inserts	1 down and in
Shock location	Front of arm
SHOCKS	
Arm mounting hole	2 hole arm / A - Inside
Tower mounting hole	2 - Mid-in
Tower	Graphite LCG 4mm 4-hole
Wheel hex	6 slots +4.5mm
Wheelbase (arm spacers - rear)	0 mm
Wheelbase (hub spacers - rear)	2 mm

TIRES

	FRONT	REAR
Tire brand / type	Schumacher	Schumacher
Tire compound	Yellow	Yellow
Tire insert	None	Original
Wheel brand / type	Cut stagger Low profile	Dart

SHOCKS

	FRONT	REAR
Caps	Kit	Kit
Collars	Standard	-2mm
Limiters - inner/outer	0 / 4 mm	0 / 4 mm
Oil weight	500 cst	500 cst
Pistons	2 x 1.6mm	2 x 1.7mm
Rebound	0 %	0 %
Springs	42mm Linear 3 dot	57mm Linear 3 dot
Stroke	24 mm	30.5 mm

Shock oil brand: Ultimate Racing

NOTES Shock eccentrics:
Front - forward
Rear - backward

DRIVETRAIN

Differential fluid	5,000 cst
Differential fluid brand	Ultimate Racing
Differential mass	13.22 g
Differential type	Steel - 2 gear
Drive type	Slipper
Driveshafts	75mm
Gearbox	Front motor LCG composite
Pinion	23 teeth
Slipper clutch pads	3
Slipper clutch tightness	0 mm
Spur	84 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	None	Tec

Battery position	Forward
Body	Gamma 2CL 0.50mm
Chassis	Mid
Chassls flex screws	All
Rear wing mount position	Down
Rear wing trim	Cutting line: 1 Side line: lower
Servo position	1 - Front
Upper brace	LCG Composite
WEIGHT	
Battery	None
Servo	30g under servo. Short servo
Total	1485 g

NOTES Removed two most backwards screw on top chassie stiffeners.

Running large batteries, 220g

ELECTRONICS

Battery brand	**Gens Ace**
Battery C rating	**130**
Battery capacity	**6000 mAh**
Battery model	**RedLine**
ESC brand	**Hobbywing**
ESC model	**Xr10 pro**
Motor brand	**Hobbywing**
Motor model	**G3**
Motor timing	**Std degrees**
Motor wind	**7.5 turns**
Radio brand	**Sanwa/Airtronics**
Servo brand	**Align**
Servo model	**DS615S**