XRAY XB8 '20-'21

Setup: Czech Nationals Nitro Buggy · Max Götzl (XRAY) · May 22, 2022

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EVENT	
Event	Czech Nationals 2021 Rd. 4
Class	Nitro Buggy

TRACK	
Track	MaxLand
Type	Outdoor clay
Grip / moisture	Low / Dry
Surface / layout	Smooth / Medium

RESULTS	
Race type	Main
Race number	A
Finish	1st

FRONT SUSPENSION

Ackermann: inner steering link location	3 - Mid-front
Anti-roll bar	2.2mm
Anti-roll bar end gap	1.5 mm
BUMP STEER	
Inner steering link shims	0 mm
Outer steering link shims	0 mm
C-HUB	
Camber link: outer stud location	N/A
Caster bushings	N/A
Camber: upper arm pivot ball shims	1.5 mm
Caster: upper arm mount shims - F/R	Front 3mm / rear 1mm
Front diff case	1 down and in
Front diff case	1 in
Front diff case	N/A
Front diff case	+1mm
Front diff case	Aluminum
Hubs	Pivot ball Graphite
Lower arms	Medium
Ride height	23 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	5 - Top middle
Steering block arm	2 dots
Steering block trail	No
Toe	-1 degrees
Track: lower arm pivot ball shims	0 mm
UPPER ARM	
Mount inserts - front	1 down and in
Mount inserts - rear	1 down and in
Upper arms	Medium
Wheelbase: lower arm shims - F/R	Front 0mm / rear 2mm

REAR SUSPENSION

Anti-roll bar	2.4mm
Anti-roll bar arm mount	Outside
Anti-roll bar end gap	1.5 mm
Arms	Hard
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
Front diff case	Kit
Front diff case	1 down and in
Front diff case	-1.5
Front diff case	1 down and in
Front diff case	27
Front diff case	+2mm
Front diff case	Aluminum
Hub pin location	Outside top
Hubs	Graphite
RR mount	Kit
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	7 - Top mid-out
WHEELBASE	
Arm spacers	Medium
Hub spacers - F/R	Front 1mm / rear 3mm

DRIVETRAIN

Brake pads	Kit
Driveshaft - center front	CVD
Driveshaft - center rear	CVD
Driveshafts - front	CVD
Driveshafts - rear	CVD 93mm
Front diff case	4 medium shoes 4 soft gold springs
Front diff case	Ventilated
Pinion	13 teeth
Spur	46 teeth

TIRES

	FRONT	REAR
Tire brand / type	HotRace	Sahara
Tire compound	Soft	Soft
Wheel brand / type	HotRace	HotRace
Front diff case	HotRace	
Rear tire insert	HotRace	

SHOCKS

	FRONT	REAR
Membrane	Soft	Soft
Oil weight	550 cst	600 cst
Rebound	- %	- %
Shock length	107 mm	127 mm
Springs	Prog 69mm 3 dot C0.77-0.8	Prog 85mm 3 dot C0.68-0.7

Front diff case	Kit
Front diff case	8 x 1.2mm
Front diff case	Kit
Front diff case	67.5mm
Front shafts	61mm
Rear pistons	8 x 1.3mm
Shock oil brand	XRAY

NOTES Caps: vent hole

DIFFERENTIALS

	FRONT	REAR
Diff case	8,000	Graphite
Center diff case		v2 Center diff graphite (#355023-G_
Rear diff fluid		3,000 cst

ENGINE

Engine brand	FX
Engine model	K301 EC
Front diff case	FX X3
Pipe / header	FX 2169, FX M

BODY & CHASSIS

Center diff mounting plate	Graphite
Chassis sideguard braces	None
Chassis sideguards	Soft
Front diff case	11mm in front Wing holder: front
Front diff case	HS Light Eazy
Front diff case	2 piece graphite
Front upper plate	Composite
Radio case	Hard
Rear wing	Plastic