XRAY XB8E '20-'22

Setup: Low-med grip bumpy · Twitch H2O · Apr 18, 2023

so dialed
Open/save in RC Setup App →

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EVENT

Class	Sportsman ebuggy

TRACK

Track	Moncks corner raceway
Type	Outdoor clay
Grip / moisture	Medium/Low / Dry
Surface / layout	Bumpy/Medium / Medium/Tight
Air temp	80°F (27°C)
Track temp	80°F (27°C)

RESULTS

Race type	Main
Finish	1st
Best lap	36.8 s
Average lap	37.7 s

FRONT SUSPENSION

Ackermann: inner steering link location	3 - Mid-front
Anti-roll bar	2.0mm
Anti-roll bar end gap	0 mm
BUMP STEER	
Inner steering link shims	0 mm
Outer steering link shims	0 mm
C-hub	N/A
C-HUB	
Camber link: outer stud location	N/A
Caster bushings	N/A
Camber	-2 degrees
Camber: upper arm pivot ball shims	1 mm
Caster: upper arm mount shims - F/R	2 / 2 mm
Droop	109 mm
FF mount inserts	1 down and in
FR mount inserts	1 down and in
Hubs	Pivot ball Hard
Lower arms	Medium
Ride height	24 mm
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	6 - Top outside
Steering block arm	2 dots
Steering block trail	No
Toe	-1 degrees
Tower	Aluminum
TRACK	
Lower arm pivot ball shims	0 mm
Wheel hexes	+1mm
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	0 / 2 mm

REAR SUSPENSION

Anti-roll bar	2.2mm
Anti-roll bar arm mount	Outside
Anti-roll bar end gap	0 mm
Arms	Lsm hard
Camber	-2 degrees
CAMBER LINK	
Inner stud location	1 - Inside bottom
Outer stud location	C - Outside
Droop	127.5 mm
Hub pin location	Outside top
Hubs	Medium
RF mount	Kit
RF mount inserts	1 down and out
Ride height	27 mm
RR mount	Kit
RR mount inserts	1 out
SHOCKS	
Arm mounting hole	B - Outside
Tower mounting hole	3 - Bottom mid-out
Tower	Carbon fiber
Track: wheel hexes	+2mm
WHEELBASE	
Arm shims	Long (front of arm)
Hub shims - F/R	4 / 0 mm

NOTES Possibly could go up .1mm on roll bar for more support

BODY & CHASSIS

Body	Kit
Center diff mounting plate	Composite
Chassis brace - rear	Composite
Chassis sideguard braces	None
Chassis sideguards	Kit
Front upper plate	Composite
Rear wing	Plastic

ESC SETTINGS

Turbo: Timing	30 degrees

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Membrane	Zero	Zero
Oil weight	500 cst	450 cst
Pistons	5x1.5	5x1.6
Pre-load	2 mm	2 mm
Rebound	0 %	0 %
Shafts	61mm	67.5mm
Springs	Prog 69mm 4 dot C0.8-0.83	Prog 85mm 3 dot C0.68-0.7

Shock oil brand	XRAY

DIFFERENTIALS

	FRONT	REAR
Diff case	Kit	Kit
Diff fluid	7,000 cst	3,000 cst
Diff mass	41.90 g	41.90 g

Center diff case	v2 Center diff
Center diff fluid	10,000 cst
Center diff mass	48.17 g
Diff fluid brand	Ultimate

DRIVETRAIN

Drive ratio - internal	3.29
Driveshaft - center front	CVD
Driveshaft - center rear	CVD
Driveshafts - front	CVD
Driveshafts - rear	CVD
Pinion	15 teeth
Spur	46 teeth

TIRES

	FRONT	REAR
Tire brand / type	Vp pro turbo trax	Vp pro turbo trax
Tire compound	M2	M2

ELECTRONICS

Battery model	6000mah nitro pro
ESC model	Phantom fr-8
Motor brand	Hobbywing
Motor Kv constant	1900 Kv
Steering servo brand	Nitro pro