

# SET-UP SHEET

# XRAY XB4'23

RACE	ROAR Nationals	
TRACK	Beachline	
NAME	Ethan Mackanick	DATE

LAPS		BEST LAP TIME	sec
QUALIFYING POSITION		FINAL POSITION	

TRACK		
SIZE	<input checked="" type="checkbox"/> OPEN	<input type="checkbox"/> MEDIUM <input type="checkbox"/> TIGHT
TRACTION	<input type="checkbox"/> VERY-LOW <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/> VERY-HIGH	
SURFACE	<input type="checkbox"/> SMOOTH	<input type="checkbox"/> MEDIUM <input type="checkbox"/> BUMPY
TYPE	<input type="checkbox"/> CLAY	<input checked="" type="checkbox"/> CARPET <input type="checkbox"/> ASTRO
CONDITION	<input type="checkbox"/> BLUE GROOVE	<input type="checkbox"/> HARD PACKED <input type="checkbox"/> DRY
	<input type="checkbox"/> DUSTY	<input type="checkbox"/> LOAMY <input type="checkbox"/> WET

DIFFERENTIAL TYPE		
FRONT ↓	MIDDLE ↓	REAR ↓
GEAR DIFF <input checked="" type="checkbox"/>	GEAR DIFF <input type="checkbox"/>	GEAR DIFF <input checked="" type="checkbox"/>
BALL DIFF <input type="checkbox"/>	SLIPPER <input checked="" type="checkbox"/>	BALL DIFF <input type="checkbox"/>
ACTIVE DIFF <input type="checkbox"/>	ACTIVE DIFF <input type="checkbox"/>	ACTIVE DIFF <input type="checkbox"/>
60° 90° 120°	60° 90° 120°	60° 90° 120°
OIL 40k 2g	OIL	OIL 40k 2g

SATELLITE GEARS		
COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>	COMPOSITE <input type="checkbox"/>
STEEL <input checked="" type="checkbox"/>	STEEL <input type="checkbox"/>	STEEL <input checked="" type="checkbox"/>
40T <input checked="" type="checkbox"/> 41T	CROWN GEAR	40T <input checked="" type="checkbox"/> 41T

CENTRAL SLIPPER & ONE-WAY SETTING	
	ONE-WAY TIGHTNESS
SLIPPING ADJUSTMENT	LOOSE 1 CW TURN (BASIC SETUP) FULLY TIGHTEN

GEARING	
PINION 18	81 CENTER DIFF SPUR

FRONT	SHOCKS	REAR
SPRINGS		
OIL 1000	OIL	800
REBOUND 0	REBOUND	0
PISTONS	PISTONS	PISTONS
2 HOLES <input checked="" type="checkbox"/>	2 HOLES <input type="checkbox"/>	2 HOLES <input checked="" type="checkbox"/>
3 HOLES <input type="checkbox"/>	3 HOLES <input type="checkbox"/>	3 HOLES <input type="checkbox"/>
6 HOLES <input type="checkbox"/>	6 HOLES <input type="checkbox"/>	6 HOLES <input type="checkbox"/>
2.0 HOLES	CUSTOM PISTONS	2.0/2.1 HOLES

FRONT	ANTI ROLL BAR	REAR
1.4	THICKNESS	1.6

FRONT	TIRES	REAR
pin swag	BRAND	fuzz bite
	COMPOUND	
	INSERTS	
	WHEELS	

ELECTRONICS	
MOTOR	hobbywing 4.5
MOTOR TIMING	
SPEEDO	
BATTERY	
BATTERY SIZE	
STD. SHORT	<input checked="" type="checkbox"/> LOW SHORT

BODY	
TYPE	4D
STANDARD	<input type="checkbox"/> LIGHT

COMMENTS	
wide C and D blocks	

FRONT	APPLIED	APPLIED	REAR
<b>ALU C-HUB SHIM</b> UP 1 /mm DOWN 1 /mm <b>LONGER BUSHINGS</b> UP <input type="checkbox"/> DOWN <input type="checkbox"/> <b>DRIVE SHAFT</b> CVD <input type="checkbox"/> ECS <input type="checkbox"/> Length 83 /mm <b>SHIM</b> 1.5mm <b>STEERING BLOCK</b> MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input type="checkbox"/> LOWER SHOCK POSITION #107711 GAUGE DOWNSTOP #107701 SUPPORT BLOCKS			<b>REAR UPRIGHT</b> <b>DRIVE SHAFT</b> Length 77 /mm <b>SHIM</b> 3.5mm <b>SHIMS</b> 1 /mm HARD <input type="checkbox"/> GRAPHITE <input type="checkbox"/> ALU HIGH <input type="checkbox"/> ALU LOW <input checked="" type="checkbox"/> #325341 ADJ. DRIVE AXLE 1 2 3 4 #107711 GAUGE DOWNSTOP #107711 GAUGE

FRONT	CASTER	CASTER BLOCK	WING CUTTING LINE	WING SIDE LINE
<b>CASTER</b> 6° <input type="checkbox"/> 7° <input checked="" type="checkbox"/> 9° <input type="checkbox"/> 12° <input type="checkbox"/> <b>OFFSET</b> 1 /slots <b>BUMP STEER</b> SHIM 0 mm	MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input type="checkbox"/> ALU <input checked="" type="checkbox"/>	1 2 3 4 5 <b>WING POSITION</b> UP <input type="checkbox"/> MIDDLE <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> <b>WING THICKNESS</b> 0.75 <input type="checkbox"/> 1 <input type="checkbox"/> 1.5 <input type="checkbox"/> TYPE	<b>UPRIGHT WHEELBASE</b> SHIM 3 /mm IN FRONT OF ARM	HIGHER <input type="checkbox"/> LOWER <input type="checkbox"/>

FF	FR	ROLL CENTER	RF	RR
1° <input type="checkbox"/> 0.5° <input type="checkbox"/> 1° <input checked="" type="checkbox"/> 0.5° <input type="checkbox"/>	1° <input type="checkbox"/> 0.5° <input type="checkbox"/>	1° <input type="checkbox"/> 0.5° <input type="checkbox"/> 1° <input type="checkbox"/> 0.5° <input type="checkbox"/>	UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/>	2° <input type="checkbox"/>

FRONT TOE	STEER. PLATE	REAR TOE	GRAPHITE FOR REAR BRACE	REAR BRACE	ARM SHIM
OUT <input type="checkbox"/> IN <input type="checkbox"/>	HARD <input checked="" type="checkbox"/> GRAPHITE <input type="checkbox"/> ALU <input type="checkbox"/> BUMP STEER SHIM mm SHIM UNDER STEER. PLATE SERVO SAVER SOFT <input type="checkbox"/> MEDIUM <input type="checkbox"/> TIGHT <input checked="" type="checkbox"/> MATERIAL STANDARD <input type="checkbox"/> GRAPHITE <input type="checkbox"/>	IN <input type="checkbox"/> OUT <input type="checkbox"/>	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>	mm

FRONT CAMBER	FRONT DIFF HEIGHT	REAR DIFF HEIGHT	REAR CAMBER
DOWNSTOP SHIM mm LENGTH mm UPSTOP SHIM mm	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	DOWNSTOP SHIM mm LENGTH mm UPSTOP SHIM mm

FRONT ARMS	BALANCE	MOTOR MOUNT	BALANCE	REAR ARMS
LONG <input checked="" type="checkbox"/> SHORT <input type="checkbox"/> MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input type="checkbox"/>	g	FRONT <input checked="" type="checkbox"/> REAR <input type="checkbox"/>	g	LONG <input type="checkbox"/> SHORT <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input type="checkbox"/>
FRONT	CHASSIS	REAR		
ALU <input checked="" type="checkbox"/> GRAPHITE <input type="checkbox"/>	ALU <input checked="" type="checkbox"/> GRAPHITE <input type="checkbox"/>	ALU <input checked="" type="checkbox"/> GRAPHITE <input type="checkbox"/>		