

# SET-UP SHEET

VER.01 ©XRAY

# XRAY X4'22

RACE	2022 Snowbird Nationals		
TRACK	Whyndam Resort		
NAME	Cory Craig	DATE	2-6-2022

TRACK TEMPERATURE	QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
	1	4	10.6 /sec	/	

TRACK	
TRACK SURFACE	<input checked="" type="checkbox"/> CARPET <input type="checkbox"/> ASPHALT
TRACK LAYOUT	<input type="checkbox"/> TECHNICAL <input checked="" type="checkbox"/> MIXED <input type="checkbox"/> FAST
TRACTION	<input type="checkbox"/> LOW <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/> HIGH

FRONT	TRANSMISSION	REAR
SOLID AXLE	<input checked="" type="checkbox"/> YES	
GEAR DIFFERENTIAL - OIL	/cSt	GEAR DIFFERENTIAL - OIL 10k /cSt
PINION 50 /T	SPUR GEAR 82 /T	FINAL DRIVE RATIO 3.11

FRONT	SHOCKS	REAR
2.7	XRAY SPRINGS	2.7
450	OIL /cSt	450
0	REBOUND %	0
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOAM INSERTS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

<input type="checkbox"/> 3 HOLES	PISTONS	3 HOLES <input type="checkbox"/>
<input type="checkbox"/> 4 HOLES	1.0mm	4 HOLES <input type="checkbox"/>
<input checked="" type="checkbox"/> PSS	1.1mm	PSS <input checked="" type="checkbox"/>
	1.2mm	

SHOCK LENGTH FRONT	8.7 /mm	SHOCK LENGTH REAR	8.7 /mm
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1.4	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.3
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gravity handout	TIRES	gravity handout
	ADDITIVE	
8min	ADDITIVE TIMING	8min

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT

TOTAL WEIGHT	1355 /g	WEIGHT BALANCE	FRONT 50 % REAR 50 %
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MOTOR	gravity usgt spec	TIMING	
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ESC	tekin	BATTERIES	motiv 6000 defy
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BODY	zoo Bwoah	WING	kit, raised 3 xray shock pistons
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<p>Dimension from body post to window bottom line</p> <p>WING SIDE PLATE</p> <p>YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>Dimension from edge to surface</p>	BODY POSITION
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**COMMENTS**

25 degree throw @ 100% dual rate  
 used 74% dual rate, roughly 20-21 degree of throw  
 front droop ORH = 1.5  
 rear droop ORH = 2.0  
 no glue on tires  
 rear wing raised up roughly 9mm  
 needed 51/82 gear and higher front roll centers (1.0 vs 1.5)  
 colder temps and track temps made the track very slick, especially on cold tires

FRONT CASTER	FRONT & REAR SUSPENSION	REAR CASTER
<p>Adjust with eccentric bushings</p> <p>5° 4° 3°</p>	<p>BUMP STEER 5 /mm</p> <p>HEIGHT 5 /mm</p> <p>SHIM 4 /mm</p> <p>TOE GAIN 5 /mm</p>	<p>Adjust with eccentric bushings</p> <p>0.5° 1.5° 2.5° 3.5° 4.5° 5.5°</p>
<p>1.5 /mm FF</p> <p>5.2 /mm</p> <p>FR 1.5 /mm</p> <p><input checked="" type="checkbox"/> SERVO SAVER</p> <p><input checked="" type="checkbox"/> SERVO HORN</p>		<p>2.0 /mm RF</p> <p>5.4 /mm</p> <p>RR 2.0 /mm</p>

<p>-2 /deg. CAMBER</p> <p>Left = Right</p> <p>BODY STOP YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>FRONT BRACE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>BULKHEAD SHIMS YES <input checked="" type="checkbox"/> 3mm NO <input type="checkbox"/></p> <p>DRIVE SHAFT 58mm 59mm STD. BEARING</p> <p>#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge 1.5mm ORH/mm</p>	<p>FRONT HUB COMPOSITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/></p> <p>SHIM 1.0 /mm</p>
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<p>-2 /deg. CAMBER</p> <p>Left = Right</p> <p>BODY POST VERTICAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/></p> <p>REAR SUSPENSION</p> <p>1.5 /mm SHIM 2.0 /mm</p> <p>REAR SHOCK POSITION</p> <p>DRIVE SHAFT 52mm 54mm STD. BEARING</p> <p>#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge 1.0mm ORH/mm</p>	<p>REAR HUB COMPOSITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/></p> <p>SHIM 0.5 /mm</p>
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FRONT TOP VIEW	REAR TOP VIEW
<p>-1 TOE OUT</p> <p>Left = Right</p> <p>ACKERMANN SHIM 1.0 /mm</p> <p>DIFF POSITION UP <input type="checkbox"/> DOWN <input checked="" type="checkbox"/></p> <p>UPPER ARM STANDARD <input checked="" type="checkbox"/></p> <p>STEERING BRIDGE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>TOP DECK FLEX NONE <input type="checkbox"/> BEARING <input checked="" type="checkbox"/></p> <p>TOP DECK 1.6mm <input type="checkbox"/> 2.0mm <input checked="" type="checkbox"/></p> <p>OFFSET STANDARD <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> SHIM/mm</p>	<p>2.75 TOE IN</p> <p>Left = Right</p> <p>SHIM 1.0 /mm</p> <p>DIFF POSITION UP <input type="checkbox"/> DOWN <input checked="" type="checkbox"/></p> <p>UPPER ARM STANDARD <input checked="" type="checkbox"/></p> <p>STEERING BRIDGE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></p> <p>TOP DECK FLEX NONE <input type="checkbox"/> BEARING <input checked="" type="checkbox"/></p> <p>TOP DECK 1.6mm <input type="checkbox"/> 2.0mm <input checked="" type="checkbox"/></p> <p>OFFSET STANDARD <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> SHIM/mm</p>

FRONT BOTTOM VIEW	REAR BOTTOM VIEW
<p>STEER. LOCK 25 /deg.</p> <p>STEER. SHIM SIZE 7.5 /mm</p> <p>FRONT BRACE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></p> <p>SERVO HOLDER</p> <p>FRONT ARMS MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/></p> <p>STEER. PLATE STANDARD <input checked="" type="checkbox"/> +1mm <input type="checkbox"/></p>	<p>T-BRACE ALU <input type="checkbox"/> BRASS <input checked="" type="checkbox"/></p> <p>MOTOR MOUNT</p> <p>CHASSIS GRAPHITE <input type="checkbox"/> ALU <input checked="" type="checkbox"/> ALU FLEX <input type="checkbox"/></p> <p>REAR ARMS MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/></p>