

# SET-UP SHEET

X4'23 SET-UP SHEET VER.1 ©XRAY

# XRAY X4'23

RACE	Colchester National BRCA				
TRACK	Colchester National Layout				
NAME	Tony Broad		DATE	16/09/23	
QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME	
1	1	14.29 /sec	21 /	308	

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

FRONT	TRANSMISSION	REAR
GEAR DIFF OIL	<input type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL 7000 /cSt
PINION 91 /T	SPUR GEAR 45 /T	FINAL DRIVE RATIO 3.84

FRONT	SHOCKS	REAR
2.5-2.8	XRAY SPRINGS	2.7
375	OIL /cSt	400
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"/> 4 HOLES	1.1mm	1.1mm	<input type="checkbox"/> 4 HOLES
<input checked="" type="checkbox"/> PSS	1.2mm	1.2mm	<input checked="" type="checkbox"/> PSS
0.8			0.8
SHOCK LENGTH 8.2 /mm			SHOCK LENGTH 8.2 /mm

1.2	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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RUSH brca	TIRES	RUSH brca
Spider red	ADDITIVE	Spider red
13	ADDITIVE TIMING	13min

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT

TOTAL WEIGHT	/g	WEIGHT BALANCE	FRONT 49 %	REAR 50 %
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MOTOR	Zombie evo 2	TIMING	
ESC		BATTERIES	Zombie 6250
BODY	Speciale	WING	Flat

66 /mm	Dimension from body post to window bottom line	BODY POSITION
7&oring /mm	Dimension from body post to upper holder	WING SIDE PLATE
		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
	Dimension from edge to surface	

X4'23	1.6mm <input checked="" type="checkbox"/> 2.0mm <input type="checkbox"/> 1.6mm	
X4'22	2.0mm <input type="checkbox"/> 2.0mm <input type="checkbox"/> 1.6mm	
X4'22	2.0mm <input type="checkbox"/> 1.6mm	
	NONE <input type="checkbox"/> BEARING <input type="checkbox"/>	

Track very bumpy.  
Only ran 2x screws at front holes on Top deck to allow more movement on "worm" top deck flex.  
Mega torque rotor used in motor.

FRONT & REAR SUSPENSION
<div> <b>FRONT CASTER</b>  <input type="checkbox"/> 5° <input checked="" type="checkbox"/> 4° <input type="checkbox"/> 3°            Adjust with eccentric bushings         </div> <div> <b>BUMP STEER</b>            3.5 /mm         </div> <div> <b>HEIGHT</b>            Hudy /mm         </div> <div> <b>SHIM</b>            5 /mm         </div> <div> <b>UPPER CLAMP</b>            STD. <input checked="" type="checkbox"/> -1.5mm         </div> <div> <b>2.5 /mm FF</b>  <input checked="" type="checkbox"/> </div> <div> <b>5.2 /mm FR</b>  <input checked="" type="checkbox"/> </div> <div> <b>2.5 /mm FR</b>  <input checked="" type="checkbox"/> </div> <div> <b>SERVO SAVER</b>  <input checked="" type="checkbox"/> </div> <div> <b>SERVO HORN</b>  <input checked="" type="checkbox"/> </div> <div> <b>TOE GAIN</b>            5.5 /mm         </div> <div> <b>3 /mm RF</b>  <input checked="" type="checkbox"/> </div> <div> <b>5.4 /mm RR</b>  <input checked="" type="checkbox"/> </div> <div> <b>3 /mm RR</b>  <input checked="" type="checkbox"/> </div>

FRONT SUSPENSION
<div> <b>2 /deg. CAMBER</b>            Left = Right         </div> <div> <b>BODY STOP</b>            YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>            18 /mm         </div> <div> <b>FRONT BRACE</b>            YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> </div> <div> <b>FRONT SHOCK POSITION</b>            1 2         </div> <div> <b>BULKHEAD SHIMS</b>            YES <input checked="" type="checkbox"/> 3mm <input type="checkbox"/> NO         </div> <div> <b>DRIVE SHAFT</b>  <input checked="" type="checkbox"/> 58mm <input type="checkbox"/> 59mm <input checked="" type="checkbox"/> BEARING <input checked="" type="checkbox"/> BLADE         </div> <div> <b>1.5 /mm SHIM</b>            3 /mm         </div> <div> <b>FRONT HUB</b>            HARD <input checked="" type="checkbox"/>            GRAPHITE <input type="checkbox"/>            ALU <input type="checkbox"/> </div> <div> <b>SHIM</b>            0.5 /mm         </div> <div> <b>0 1/2 HUBY</b>            -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10         </div> <div> <b>#107702 Chassis Droop Gauge Blocks</b> </div> <div> <b>#107712 Chassis Droop Gauge</b> </div> <div> <b>5.8 /mm DOWNSTOP</b> </div>

REAR SUSPENSION
<div> <b>2 /deg. CAMBER</b>            Left = Right         </div> <div> <b>BODY POST</b>            VERTICAL <input type="checkbox"/>            HORIZONTAL <input checked="" type="checkbox"/> </div> <div> <b>REAR SHOCK POSITION</b>            1 2         </div> <div> <b>DRIVE SHAFT</b>  <input type="checkbox"/> 52mm <input checked="" type="checkbox"/> 54mm <input type="checkbox"/> BEARING <input checked="" type="checkbox"/> BLADE         </div> <div> <b>1 /mm SHIM</b>            3 /mm         </div> <div> <b>REAR HUB</b>            HARD <input checked="" type="checkbox"/>            GRAPHITE <input type="checkbox"/>            ALU <input type="checkbox"/> </div> <div> <b>SHIM</b>            1 /mm         </div> <div> <b>0 1/2 HUBY</b>            -3 -2 -1 0 1 2 3 4 5 6 7 8 9 10         </div> <div> <b>#107702 Chassis Droop Gauge Blocks</b> </div> <div> <b>#107712 Chassis Droop Gauge</b> </div> <div> <b>4.6 /mm DOWNSTOP</b> </div>

FRONT TOP VIEW	REAR
<div> <b>1.25 TOE OUT</b>            Left = Right         </div> <div> <b>ACKERMANN</b>            SHIM 0.5 /mm         </div> <div> <b>SHIM</b>            1 /mm         </div> <div> <b>TOE IN</b>            Left = Right         </div> <div> <b>BRASS WEIGHT FOR MOTOR MOUNT</b>            15         </div> <div> <b>5</b> </div> <div> <b>DIFF POSITION</b>            UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> </div> <div> <b>UPPER ARM</b>            SOFT <input checked="" type="checkbox"/>            MEDIUM STD. <input type="checkbox"/> </div> <div> <b>STEERING BRIDGE</b>            YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> </div> <div> <b>STEERING PLATE</b>            8.0mm <input checked="" type="checkbox"/> STD.            7.5mm <input type="checkbox"/> </div> <div> <b>HUB OFFSET</b>            STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM/mm         </div>	<div> <b>2.75 TOE IN</b>            Left = Right         </div> <div> <b>SHIM</b>            1 /mm         </div> <div> <b>TOE OUT</b>            Left = Right         </div> <div> <b>BRASS WEIGHT FOR MOTOR MOUNT</b>            15         </div> <div> <b>5</b> </div> <div> <b>DIFF POSITION</b>            UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> </div> <div> <b>UPPER ARM</b>            SOFT <input checked="" type="checkbox"/>            MEDIUM STD. <input type="checkbox"/> </div> <div> <b>STEERING BRIDGE</b>            YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> </div> <div> <b>STEERING PLATE</b>            8.0mm <input checked="" type="checkbox"/> STD.            7.5mm <input type="checkbox"/> </div> <div> <b>HUB OFFSET</b>            STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM/mm         </div>

FRONT BOTTOM VIEW	REAR
<div> <b>STEER. LOCK</b>            26 /deg.         </div> <div> <b>STEER. SHIM</b>            SIZE 0 /mm         </div> <div> <b>FRONT BRACE</b>            YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> </div> <div> <b>FRONT ARMS</b>            MEDIUM <input checked="" type="checkbox"/>            HARD <input type="checkbox"/> </div> <div> <b>CHASSIS</b>            GRAPHITE <input checked="" type="checkbox"/>            ALU <input type="checkbox"/>            ALU FLEX <input type="checkbox"/> </div>	<div> <b>T-BRACE</b>            ALU <input type="checkbox"/>            BRASS <input type="checkbox"/> </div> <div> <b>CHASSIS T-BRACE</b> </div> <div> <b>REAR ARMS</b>            MEDIUM <input checked="" type="checkbox"/>            HARD <input type="checkbox"/> </div>