

# SET-UP SHEET

X4'23 SET-UP SHEET VER.1 ©XRAY

# XRAY X4'23

RACE	European Championship 2023		
TRACK	Turkheim, Germany		
NAME	Bruno Coelho	DATE	5/08/2023

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
1st	1st	12.4 /sec	/	

TRACK	
TRACK SURFACE	<input type="checkbox"/> CARPET <input checked="" 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
GEAR DIFF OIL	<input type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL <b>8K</b> /cSt
PINION <b>29</b> /T	SPUR GEAR <b>110</b> /T	FINAL DRIVE RATIO

FRONT	SHOCKS	REAR
<b>2.5/2.8</b>	<b>XRAY SPRINGS</b>	<b>2.6/2.9</b>
<b>450</b>	<b>OIL /cSt</b>	<b>475</b>
<b>0</b>	<b>REBOUND %</b>	<b>0</b>
<input type="checkbox"/> YES <input type="checkbox"/> NO	<b>FOAM INSERTS</b>	<input type="checkbox"/> YES <input type="checkbox"/> NO

<input checked="" type="checkbox"/> 4 HOLES	<input type="checkbox"/> 1.1mm	<input type="checkbox"/> 1.1mm	<input type="checkbox"/> 4 HOLES
<input type="checkbox"/> PSS	<input checked="" type="checkbox"/> 1.2mm	<input checked="" type="checkbox"/> 1.2mm	<input type="checkbox"/> PSS
SHOCK LENGTH <b>8.5</b> /mm			SHOCK LENGTH <b>8.5</b> /mm

<b>1.2</b> THICKNESS/mm	<b>ANTI-ROLL BAR</b>	THICKNESS/mm <b>1.2</b>
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<b>Matrix D36</b>	<b>TIRES</b>	<b>Matrix D36</b>
<b>CS</b>	<b>ADDITIVE</b>	<b>CS</b>
<b>25 Mints</b>	<b>ADDITIVE TIMING</b>	<b>25 Mints</b>

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT

TOTAL WEIGHT <b>1320</b> /g	WEIGHT BALANCE	FRONT <b>50</b> %	REAR <b>50</b> %
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MOTOR <b>Hobbywing 4.5T</b>	TIMING
ESC <b>Hobbywing XR10</b>	BATTERIES <b>Sunpadow 5500</b>
BODY <b>Xtreme Twister</b>	WING <b>Specile wing L</b>

<b>67</b> /mm	Dimension from body post to window bottom line	<b>BODY POSITION</b>
<b>7+1</b> /mm	Dimension from body post to upper holder	<b>WING SIDE PLATE</b>
		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	Dimension from edge to surface	<b>64.5</b> /mm

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

COMMENTS

FRONT CASTER	FRONT & REAR SUSPENSION	REAR CASTER
Adjust with eccentric bushings		Adjust with eccentric bushings
<b>5°</b> <input checked="" type="checkbox"/> <b>4°</b> <input type="checkbox"/> <b>3°</b> <input type="checkbox"/>	<b>BUMP STEER</b> <b>3.5</b> /mm	<b>0.5°</b> <input checked="" type="checkbox"/> <b>1.5°</b> <input type="checkbox"/> <b>2.5°</b> <input type="checkbox"/> <b>3.5°</b> <input type="checkbox"/> <b>4.5°</b> <input type="checkbox"/> <b>5.5°</b> <input type="checkbox"/>
<b>UPPER CLAMP</b> STD. <input checked="" type="checkbox"/> <b>-1.5mm</b>	<b>HEIGHT</b> <b>15.1</b> /mm	<b>UPPER CLAMP</b> STD. <input checked="" type="checkbox"/> <b>-1.5mm</b>
<b>2.0</b> /mm FF	<b>SHIM</b> <b>8</b> /mm	<b>TOE GAIN</b> <b>5.5</b> /mm
<b>5.2</b> /mm RIDE HEIGHT	<input type="checkbox"/> SERVO SAVER	<b>2.5</b> /mm RF
<b>FR 2.0</b> /mm	<input checked="" type="checkbox"/> SERVO HORN	<b>5.4</b> /mm RR
<b>RR 2.5</b> /mm		<b>2.5</b> /mm RIDE HEIGHT

FRONT CAMBER	FRONT SUSPENSION	FRONT HUB
<b>2.0</b> /deg. Left = Right	<b>BODY STOP</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<b>HARD</b> <input checked="" type="checkbox"/>
	<b>FRONT BRACE</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<b>GRAPHITE</b> <input type="checkbox"/>
	<b>BULKHEAD SHIMS</b> YES <input checked="" type="checkbox"/> <b>3mm</b> NO <input type="checkbox"/>	<b>ALU</b> <input type="checkbox"/>
	<b>DRIVE SHAFT</b> <input checked="" type="checkbox"/> <b>58mm</b> <input type="checkbox"/> <b>59mm</b> <input checked="" type="checkbox"/> <b>BEARING</b> <input checked="" type="checkbox"/> <b>BLADE</b>	<b>SHIM</b> <b>0.5</b> /mm
	<b>FRONT SHOCK POSITION</b> 1 2	<b>SHIM</b> <b>0.5</b> /mm
	<b>HUDY</b> 0 1 2 3 4 5 6 7 8 9 10	<b>SHIM</b> <b>0.5</b> /mm
	<b>DOWNSTOP</b> <b>5.8</b> /mm	

REAR CAMBER	REAR SUSPENSION	REAR HUB
<b>2.0</b> /deg. Left = Right	<b>BODY POST</b> VERTICAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>	<b>HARD</b> <input checked="" type="checkbox"/>
	<b>REAR SHOCK POSITION</b> 1 2	<b>GRAPHITE</b> <input type="checkbox"/>
	<b>DRIVE SHAFT</b> <input type="checkbox"/> <b>52mm</b> <input checked="" type="checkbox"/> <b>54mm</b> <input checked="" type="checkbox"/> <b>BEARING</b> <input checked="" type="checkbox"/> <b>BLADE</b>	<b>ALU</b> <input type="checkbox"/>
	<b>REAR SHOCK POSITION</b> 1 2	<b>SHIM</b> <b>0.5</b> /mm
	<b>HUDY</b> 0 1 2 3 4 5 6 7 8 9 10	<b>SHIM</b> <b>0.5</b> /mm
	<b>DOWNSTOP</b> <b>4.6</b> /mm	

FRONT TOP VIEW	REAR TOP VIEW
<b>TOE OUT</b> <b>1.5</b> /mm Left = Right	<b>TOE IN</b> <b>3.5</b> /mm Left = Right
<b>ACKERMANN</b> SHIM <b>0.5</b> /mm	<b>SHIM</b> /mm
<b>DIFF POSITION</b> UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/>	<b>DIFF POSITION</b> UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/>
<b>UPPER ARM</b> SOFT <input checked="" type="checkbox"/> MEDIUM STD. <input type="checkbox"/>	<b>UPPER ARM</b> SOFT <input checked="" type="checkbox"/> MEDIUM STD. <input type="checkbox"/>
<b>STEERING BRIDGE</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	<b>STEERING PLATE</b> <b>8.0mm</b> STD. <input checked="" type="checkbox"/> <b>7.5mm</b>
<b>HUB OFFSET</b> STD. <input checked="" type="checkbox"/> <b>-0.5mm</b> <input type="checkbox"/> <b>+0.5mm</b> SHIM/mm	<b>HUB OFFSET</b> STD. <input checked="" type="checkbox"/> <b>-0.5mm</b> <input type="checkbox"/> <b>+0.5mm</b> SHIM/mm

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