

# SET-UP SHEET


X4'24 SET-UP SHEET VER.1 ©XRAY





**XTRAY X4'24**

RACE	Practice RC Arena Wädenswil				
TRACK	Wädenswil				
NAME	David Ehrbar			DATE	04.01.2024
QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME	
		16.296 /sec		/	

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

FRONT		TRANSMISSION		REAR	
GEAR DIFF OIL	/S1	<input checked="" type="checkbox"/> FRONT SOLID AXLE		GEAR DIFF OIL	5000 /S1
PINION	38 /T	SPUR GEAR	90 /T	FINAL DRIVE RATIO	4.5

FRONT		SHOCKS		REAR	
2.5-2.8		XRAY SPRINGS		2.6	
425		OIL /Cst		425	
		REBOUND %			
<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 <input checked="" type="checkbox"/> PSS	<input type="checkbox"/> 1.1mm <input type="checkbox"/> 1.2mm			<input type="checkbox"/> 4 HOLES <input checked="" type="checkbox"/> PSS	<input type="checkbox"/> 1.1mm <input type="checkbox"/> 1.2mm
2x0.8				2x0.8	
SHOCK LENGTH <input type="text"/> /mm				SHOCK LENGTH <input type="text"/> /mm	

1.3	THICKNESS/mm	<b>ANTI-ROLL BAR</b>	THICKNESS/mm	1.2
<b>Matrix</b>		TIRES  ADDITIVE  ADDITIVE TIMING  WIPE OFF TIME  TIRE WARMERS		
Timing:	Temp.:		Timing:	Temp.:
FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT
				

<b>TOTAL WEIGHT</b>	/g	<b>WEIGHT BALANCE</b>	FRONT	%	REAR	%
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MOTOR	Orca ETS 21.5t	TIMING	spec
ESC	Orce ETS Stock	BATTERIES	Nosram 6100
BODY	Wolverine	WING	std

**BODY POSITION**

58 (read comment) /mm

Dimension from body post to window bottom line

Dimension from body post to upper holder

**WING SIDE PLATE**

YES ☐ NO ☒

Dimension from edge to surface

Diagram illustrating the correct wiring for the top deck cutting. The diagram shows three rows of wiring, each labeled with a component name (X423, X422, X422) and a dimension (1.6mm, 2.0mm, 1.6mm). The wiring is shown as a series of lines connecting the component to the top deck cutting. The legend indicates that the components are NONE and BEARING.

80% brake  
0% autobrake  
no bodystop works well on very flat surfaces. slightly more bite in the front.  
ULP batterys are probably better, but I didn't bring to the track

Body position measured from the deep groove in front of the window  
Battery position maximum to the rear

Car was easy to drive and fast. Anna used the same setup.

**FRONT & REAR SUSPENSION**

### FRONT CASTER

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5°	4°	3°

Adjust with eccentric bushings

**BUMP STEER** 1.5 /mm

**HEIGHT**      /mm

**SHIM**            /mm

**TOE GAIN** 2 /mm

**RIDE HEIGHT** 5.0 /mm

**Servo Saver** ☐ **Servo Horn** ☒

### REAR CASTER

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0.5°	1.5°	2.5°	3.5°	4.5°	5.5°

Adjust with eccentric bushings

**TOE GAIN** 2 /mm

**RIDE HEIGHT** 5.2 /mm

**Servo Saver** ☐ **Servo Horn** ☒

**1.5** /deg. **CAMBER**  
Left = Right

**BODY STOP**  
YES ☐ ☒ NO  
/mm

**SHOCK HOLDERS**  
SHIM **4** /mm

**SUSPENSION FLEX**  
YES ☒ ☐ NO  
YES ☒ ☐ NO

**FRONT**

**2** /mm **SHIM** **2** /mm

**FRONT HUB**  
MEDIUM ☐  
HARD ☐  
GRAPHITE ☒  
ALU ☐

**SHIM**  
**0.5** /mm

**DRIVE SHAFT**  
☒ 58mm ☐ 59mm ☐ BEARING ☐ BLADE

**HUB**  
-3 -2 -1 0 1 2 3 4 5 6 7 8 9 10

**#107702 Chassis Droop Gauge Blocks** **#107712 Chassis Droop Gauge** **5.6** /mm **DOWNSTOP**

**CAMBER**

2 /deg. Left = Right

**BODY POST**

VERTICAL ☐  
HORIZONTAL ☒

**SHOCK HOLDERS**

FIXED ☒ ACTIVE ☐  
SHIM 4 /mm

**REAR HUB**

MEDIUM ☐  
HARD ☐  
GRAPHITE ☒  
ALU ☐

**SHIM**

1 /mm

**SUSPENSION FLEX**

YES ☒ NO ☐  
YES ☒ NO ☐

**DRIVE SHAFT**

52mm ☐ 54mm ☒  
BEARING ☒ BLADE ☐

**SHIM**

1 /mm

**HUDY**

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge

5.0 /mm DOWNSTOP

**1**  
**TOE OUT**  
Left = Right

**ACKERMANN**  
SHIM **0** /mm

**SHORT LIPo BRASS WEIGHT**  
YES ☐ NO ☒ YES ☐ NO ☒

**BRASS WEIGHT FOR MOTOR MOUNT**

**1,5**  
**TOE IN**  
Left = Right

**DIFF POSITION**  
☐ UP  
☒ DOWN  
☐ +1mm

**UPPER ARM**  
SOFT ☐  
MEDIUM ☒

**STEERING BRIDGE**  
YES ☐ NO ☒

**SHIM** /mm

**STEERING**  
SHIM /mm **0**  
SIZE ☒ **8.0mm** ☐ **7.5mm**  
PLATE ☒ **STD.** ☐

**HUB OFFSET**  
STD. ☒ -0.5mm ☐ +0.5mm SHIM /mm **1**

**UPPER ARM**  
SOFT ☐  
MEDIUM ☒

**STEERING**  
SHIM /mm **0**  
SIZE ☒ **8.0mm** ☐ **7.5mm**  
PLATE ☒ **STD.** ☐

**HUB OFFSET**  
STD. ☒ -0.5mm ☐ +0.5mm SHIM /mm **1**

**FRONT** **BOTTOM VIEW** **REAR**

**STEER. LOCK**  
24 /degr.

**T-BRACE**  
ALU ☐  
BRASS ☐

**FRONT ARMS**  
MEDIUM ☐  
HARD ☒

**SERVO HOLDER**  
FR ☒ RE ☐

**MOTOR MOUNT**

**CHASSIS**  
GRAPHITE ☐  
ALU ☒  
ALU 1.5mm ☐

**REAR ARMS**  
MEDIUM ☒  
HARD ☐

**CHASSIS T-BRACE**