

# SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

# XRAY X4'24

RACE	TOS Velbert				
TRACK	Funracer Wuppertal				
NAME	David Ehrbar		DATE	14.01.2024	
QUAL POSITION	1	FINAL POSITION	1	BEST LAPTIME	14.5 /sec
LAPS	/				

TRACK					
TRACK SURFACE	<input checked="" type="checkbox"/> CARPET	<input type="checkbox"/> ASPHALT			
TRACK LAYOUT	<input checked="" type="checkbox"/> TECHNICAL	<input 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	/cSt	<input checked="" type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL	5000	/cSt
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 type="checkbox"/> NO			
<input type="checkbox"/> 4 HOLES <input type="checkbox"/> 1.1mm <input type="checkbox"/> 1.2mm	<input type="checkbox"/> 4 HOLES <input type="checkbox"/> 1.1mm <input type="checkbox"/> 1.2mm	<input type="checkbox"/> PSS <input checked="" type="checkbox"/>			
2x0.8	2x0.8				
SHOCK LENGTH	/mm	SHOCK LENGTH			
1.3	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2	

Matrix		TIRES	
MR33		ADDITIVE	
2x: 12 min, 7 min before run		ADDITIVE TIMING	
4 min before run		WIPE OFF TIME	
Timing:	Temp.:	Timing:	Temp.:
FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

TOTAL WEIGHT	1305 /g	WEIGHT BALANCE	FRONT %	REAR %
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MOTOR	Orca ETS 21.5	TIMING	
ESC	Orca	BATTERIES	Nosram LCG 6100
BODY	Wolverine Regular	WING	

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

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

80% brake	COMMENTS
0% autobrake	
no bodystop works well on very flat surfaces. slightly more bite in the front.	

Body position measured from the deep groove in front of the window

FRONT & REAR SUSPENSION	
FRONT CASTER	REAR CASTER
Adjust with eccentric bushings	Adjust with eccentric bushings
BUMP STEER	SHIM
1.5 /mm	/mm
HEIGHT	SHIM
/mm	/mm
TOE GAIN	TOE IN
2 /mm	2 /mm
FRIDE HEIGHT	RRIDE HEIGHT
5.0 /mm	5.2 /mm
FR 2 /mm	RR 2.5 /mm
<input checked="" type="checkbox"/> SERVO SAVER	<input checked="" type="checkbox"/> SERVO HORN

FRONT	
2 /deg. CAMBER	SHOCK HOLDERS
Left = Right	SHIM 4 /mm
BODY STOP	SUSPENSION FLEX
YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/> NO <input type="checkbox"/>
DRIVE SHAFT	SHIM
58mm 59mm BEARING BLADE	0.5 /mm
#107702 Chassis Droop Gauge Blocks	#107712 Chassis Droop Gauge
	5.6 /mm DOWNSTOP

REAR	
2 /deg. CAMBER	SHOCK HOLDERS
Left = Right	SHIM 4 /mm
BODY POST	SUSPENSION FLEX
VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DRIVE SHAFT	SHIM
52mm 54mm BEARING BLADE	1 /mm
#107702 Chassis Droop Gauge Blocks	#107712 Chassis Droop Gauge
	5.0 /mm DOWNSTOP

FRONT TOP VIEW		REAR	
1 TOE OUT	ACKERMANN	2 TOE IN	SHIM
Left = Right	SHIM 0 /mm	Left = Right	/mm
DIFF POSITION	SHORT LiPo BRASS WEIGHT	DIFF POSITION	SHIM
<input type="checkbox"/> UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> +1mm	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	<input type="checkbox"/> UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> +1mm	/mm
UPPER ARM	BRASS WEIGHT FOR MOTOR MOUNT	UPPER ARM	SHIM
SOFT <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/>	40g	SOFT <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/>	/mm
STEERING BRIDGE	STEERING	STEERING BRIDGE	SHIM
YES <input type="checkbox"/> NO <input type="checkbox"/>	SHIM/mm	YES <input type="checkbox"/> NO <input type="checkbox"/>	/mm
HUB OFFSET	PLATE	HUB OFFSET	SHIM
STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM/mm 1	0 8.0mm 7.5mm STD.	STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM/mm 1	/mm

FRONT BOTTOM VIEW		REAR	
STEER. LOCK	T-BRACE	STEER. LOCK	T-BRACE
23 /deg.	ALU BRASS	23 /deg.	ALU BRASS
SERVO HOLDER	CHASSIS T-BRACE	SERVO HOLDER	CHASSIS T-BRACE
FR RE	CHASSIS	FR RE	CHASSIS
FRONT ARMS	GRAPHITE <input type="checkbox"/> ALU <input checked="" type="checkbox"/> ALU 1.5mm <input type="checkbox"/>	REAR ARMS	GRAPHITE <input type="checkbox"/> ALU <input checked="" type="checkbox"/> ALU 1.5mm <input type="checkbox"/>
MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>		MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>	