

# SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

# XRAY X4'24

RACE	ETS Apeldoorn				
TRACK	Apeldoorn				
NAME	David Ehrbar		DATE	9.6.2024	
QUAL POSITION	3	FINAL POSITION	3	BEST LAPTIME	16.6 /sec
LAPS	/				

TRACK					
TRACK SURFACE	<input type="checkbox"/> CARPET	<input checked="" type="checkbox"/> ASPHALT			
TRACK LAYOUT	<input type="checkbox"/> TECHNICAL	<input type="checkbox"/> MIXED	<input checked="" 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	45 /T	SPUR GEAR	90 /T	FINAL DRIVE RATIO	3,8

FRONT		SHOCKS		REAR	
2.5-2.8		XRAY SPRINGS		2.6*	
350		OIL /cSt		350	
25		REBOUND %		25	
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOAM INSERTS		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
<input checked="" type="checkbox"/> 4 HOLES	<input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 4 HOLES	<input checked="" type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 1.1mm
<input type="checkbox"/> PSS	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> PSS	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> 1.2mm
SHOCK LENGTH		8.5 /mm		SHOCK LENGTH	
1.3		THICKNESS/mm		1.2	

Matrix		TIRES	
MR33V3		ADDITIVE	
40min before the run 3x		ADDITIVE TIMING	
before going to tech		WIPE OFF TIME	
Timing:	Temp.:	Timing:	Temp.:
FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

TOTAL WEIGHT	1321 /g	WEIGHT BALANCE	FRONT %	REAR %
MOTOR	21.5t spec	TIMING		
ESC		BATTERIES	Nosram 9400mAh	
BODY	Wolverine 0.7 (min thickness)	WING	Wolverine 0.4	

64 (58*) /mm		Dimension from body post to window bottom line	BODY POSITION
27.5		Dimension from body post to upper holder	WING SIDE PLATE
64 /mm		Dimension from edge to surface	

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

\*Body position measured from the deep groove in front of COMMENTS window (not the front window line!), that is 64 from the front window line

setup sheet for new tires.  
 Setupchange for 2nd run on tires:  
 \* rear toe in from 2.5° to 1.5°  
 Setup change for 3rd run on tires:  
 \* rear spring change from 2.6 to 2.8

FRONT CASTER		FRONT & REAR SUSPENSION		REAR CASTER	
5°	4°	BUMP STEER	HEIGHT	SHIM	Adjust with eccentric bushings
Adjust with eccentric bushings		3 /mm	/mm	/mm	
2 /mm	FF	5.4 /mm	FR	2 /mm	
RIDE HEIGHT		SERVO SAVER		SERVO HORN	

FRONT		SHOCK HOLDERS		FRONT HUB	
2 /deg.	CAMBER	SHIM	4 /mm	0 /mm	SHIM
Left=Right		YES <input checked="" type="checkbox"/> NO		3 /mm	
BODY STOP		SUSPENSION FLEX		SHIM	
YES <input checked="" type="checkbox"/> NO		YES <input checked="" type="checkbox"/> NO		0.5 /mm	
18.5 /mm					
DRIVE SHAFT					
58mm 59mm		BEARING BLADE			

REAR		SHOCK HOLDERS		REAR HUB	
2 /deg.	CAMBER	SHIM	4 /mm	2 /mm	SHIM
Left=Right		YES <input checked="" type="checkbox"/> NO		3 /mm	
BODY POST		SUSPENSION FLEX		SHIM	
VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>		YES <input checked="" type="checkbox"/> NO		1 /mm	
DRIVE SHAFT					
52mm 54mm		BEARING BLADE			

FRONT TOP VIEW		REAR TOP VIEW	
1	TOE OUT	2.5*	TOE IN
Left=Right		Left=Right	
ACKERMANN		SHORT LiPo BRASS WEIGHT	
SHIM 0 /mm		YES <input type="checkbox"/> NO	
DIFF POSITION		BRASS WEIGHT FOR MOTOR MOUNT	
<input type="checkbox"/> UP <input checked="" type="checkbox"/> DOWN		40g	
<input type="checkbox"/> +1mm			
UPPER ARM		STEERING BRIDGE	
SOFT <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/>		YES <input type="checkbox"/> NO	
HUB OFFSET		STEERING	
STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm		SHIM/mm	
SHIM/mm 0		PLATE	
		8.0mm 7.5mm	
		STD.	

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