

SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

XRAY X4'24

RACE	ETS Practice race at Islikon Masters				
TRACK	RC Arena Islikon				
NAME	David Ehrbar		DATE	9.3.2024	
QUAL POSITION	1	FINAL POSITION	1	BEST LAPTIME	10,3 /sec
LAPS	30 / 5:07.474				

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 type="checkbox"/> MEDIUM	<input checked="" type="checkbox"/> HIGH		

FRONT		TRANSMISSION		REAR	
GEAR DIFF OIL	/cSt	<input checked="" type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL	7000 /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 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 type="checkbox"/> PSS		
2x0.5		2x0.8			
SHOCK LENGTH	/mm	SHOCK LENGTH	/mm		
1.3	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2	

Matrix spec		TIRES	
MR33 spec		ADDITIVE	
10 min, keep wet		ADDITIVE TIMING	
3 min before run		WIPE OFF TIME	
Timing:	Temp.:	TIRE WARMERS	Timing:
FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

TOTAL WEIGHT	1304 /g	WEIGHT BALANCE	FRONT 49.7 %	REAR 50.3 %
MOTOR	Orca 21.5 spec	TIMING		
ESC	Orca spec	BATTERIES	LRP Ultra LCG Stock spec 5100mAh	
BODY	Wolverine	WING	Wolverine	

58*	/mm	Dimension from body post to window bottom line	BODY POSITION
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

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

This setup should be a good starting point for next ETS. Please run more toe in in the first practice round.

*Rollcenter on inside raised by 0.5mm (upper and lower arm) to accommodate for the 1.5mm chassis. With 2.0mm chassis use 0.5mm less!

76% brake
0% autobrake

Weight: total of 90g distributed in the car (note: 1.5mm chassis is 25g lighter than 2mm chassis)

*Body position measured from the deep groove in front of the window (not the window line!)

*For new tracklayouts begin with more toe-in and maybe without PSS, as this will be easier to drive

FRONT CASTER		FRONT & REAR SUSPENSION		REAR CASTER	
5°	4°	3°		0.5°	1.5°
Adjust with eccentric bushings		BUMP STEER	HEIGHT	Adjust with eccentric bushings	
3 /mm		/mm	/mm		
2.5* /mm	FF	5 /mm	FR 2.5*	SERVO SAVER	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RIDE HEIGHT		RIDE HEIGHT		RIDE HEIGHT	
1.5 /mm		1.5 /mm		1.5 /mm	

FRONT		SHOCK HOLDERS		FRONT HUB	
1.2 /deg.	CAMBER	SHIM	4 /mm	2.5* /mm	SHIM
Left = Right	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			2 /mm	
BODY STOP		SUSPENSION FLEX		SHIM	
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		0.5 /mm	
DRIVE SHAFT		SHOCK HOLDERS		SHOCK LENGTH	
58mm 59mm		SHIM 4 /mm		/mm	
<input checked="" type="checkbox"/> BEARING <input checked="" type="checkbox"/> BLADE		#107702 Chassis Droop Gauge Blocks		#107712 Chassis Droop Gauge	
		5.4 /mm		DOWNSTOP	

REAR		SHOCK HOLDERS		REAR HUB	
2 /deg.	CAMBER	SHIM	4 /mm	1.5* /mm	SHIM
Left = Right	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			2 /mm	
BODY POST		SUSPENSION FLEX		SHIM	
VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		/mm	
DRIVE SHAFT		SHOCK HOLDERS		SHOCK LENGTH	
52mm 54mm		SHIM 4 /mm		/mm	
<input checked="" type="checkbox"/> BEARING <input checked="" type="checkbox"/> BLADE		#107702 Chassis Droop Gauge Blocks		#107712 Chassis Droop Gauge	
		5.0 /mm		DOWNSTOP	

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

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