

# SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

# XRAY X4'24

RACE	Tonisport Onroad Series - West - AMCA Apeldoorn				
TRACK	AMCA Apeldoorn				
NAME	Rick van den Akker		DATE	May 18-19, 2024	
QUAL POSITION	6	FINAL POSITION	3	BEST LAPTIME	16.5 /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	<input checked="" type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL 8.000 /cSt
PINION 48 /T	SPUR GEAR 96 /T	FINAL DRIVE RATIO 3.8

FRONT	SHOCKS	REAR
2.5-2.8	XRAY SPRINGS	2.7
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 type="checkbox"/> 1.1mm	<input checked="" type="checkbox"/> 4 HOLES	<input type="checkbox"/> 1.1mm
<input type="checkbox"/> PSS	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> PSS	<input type="checkbox"/> 1.2mm
SHOCK LENGTH 8 /mm		SHOCK LENGTH 8 /mm	

1.2	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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Matrix ETS	TIRES	Matrix ETS	
ETS	ADDITIVE	ETS	
30	ADDITIVE TIMING	30	
5	WIPE OFF TIME	5	
Timing: 20	TIRE WARMERS	Timing: 20	
Temp.: 70		Temp.: 70	
FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

TOTAL WEIGHT 1321 /g	WEIGHT BALANCE	FRONT 50 %	REAR 50 %
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MOTOR	Orca ETS 17.5	TIMING	-
ESC	ORCA ETS	BATTERIES	327 gram
BODY	Wolverine 0.5	WING	Twister 0.7

64.5 /mm	Dimension from body post to window bottom line	BODY POSITION
6+2x oring	Dimension from body post to upper holder	WING SIDE PLATE
66.3 /mm	Dimension from edge to surface	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

1.6mm	<input checked="" type="checkbox"/> 2.0mm	<input checked="" type="checkbox"/> 1.6mm
2.0mm	<input type="checkbox"/> 1.6mm	
NONE	<input type="checkbox"/> BEARING	

2.5-2.8 front spring on new tires.  
With old tires I prefer 2.4-2.7 front spring.  
Fixed shocks on new tires, with old tires switch to active shocks, gives more steering corner entry.  
On low grip, early morning or after rain, switch to extra soft upper arms.

FRONT CASTER	FRONT & REAR SUSPENSION	REAR CASTER
Adjust with eccentric bushings	BUMP STEER 1.75 /mm	Adjust with eccentric bushings
5° 4° 3°	HEIGHT 19 /mm	0.5° 1.5° 2.5° 3.5° 4.5° 5.5°
SHIM 7 /mm	SHIM 7 /mm	
2.5 /mm FF	FR 2.5 /mm	TOE GAIN 1.5 /mm
4.6 /mm	RF 4.8 /mm	3.0 /mm
FRIDE HEIGHT	RR 3.0 /mm	RFIDE HEIGHT
<input type="checkbox"/> SERVO SAVER	<input type="checkbox"/> SERVO HORN	

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

REAR	SHOCK HOLDERS	SHOCK FLEX	DRIVE SHAFT	REAR HUB
0.5 /mm	SHIM 2 /mm	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	52mm 54mm	MEDIUM <input type="checkbox"/>
Left = Right		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	BEARING BLADE	HARD <input type="checkbox"/>
BODY POST VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>				GRAPHITE <input checked="" type="checkbox"/>
				ALU <input type="checkbox"/>
				SHIM 1 /mm

FRONT TOP VIEW	REAR TOP VIEW
1 /deg. TOE OUT	2.7 /deg. TOE IN
Left = Right	Left = Right
ACKERMANN SHIM 0 /mm	SHORT LiPo BRASS WEIGHT YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DIFF POSITION <input type="checkbox"/> UP <input checked="" type="checkbox"/> DOWN	BRASS WEIGHT FOR MOTOR MOUNT
UPPER ARM SOFT <input checked="" type="checkbox"/> MEDIUM <input type="checkbox"/>	SHIM 3 /mm
STEERING BRIDGE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	STEERING SHIM/mm
HUB OFFSET STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm	PLATE 8.0mm 7.5mm

FRONT BOTTOM VIEW	REAR BOTTOM VIEW
STEER. LOCK 25 /deg.	T-BRACE ALU BRASS
SERVO HOLDER	CHASSIS T-BRACE
MOTOR MOUNT	
FRONT ARMS MEDIUM <input checked="" type="checkbox"/> HARD <input type="checkbox"/>	REAR ARMS MEDIUM <input checked="" type="checkbox"/> HARD <input type="checkbox"/>
CHASSIS GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> ALU 1.5mm	