

SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

XRAY X4'24

RACE	X4'25 Carpet basic setup plus advanced				
TRACK	carpet basic starting setup				
NAME	Jan Ratheisky		DATE		
QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME	
		/sec	/		

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

FRONT		TRANSMISSION		REAR	
GEAR DIFF OIL	/cSt	<input type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL	6000	/cSt
PINION	/T	SPUR GEAR	/T	FINAL DRIVE RATIO	

FRONT	SHOCKS	REAR
2.5-2.8	XRAY SPRINGS	2.7
350	OIL /cSt	350
0	REBOUND %	0
<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 type="checkbox"/> PSS	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> 1.2mm	<input type="checkbox"/> PSS
SHOCK LENGTH		SHOCK LENGTH	
7.5 /mm		7.5 /mm	
1.3 THICKNESS/mm		1.2 THICKNESS/mm	

TIRES		TREATED AREA	
ADDITIONAL	ADDITIONAL	ADDITIONAL	ADDITIONAL
ADDITIONAL TIMING	ADDITIONAL TIMING	ADDITIONAL TIMING	ADDITIONAL TIMING
WIPE OFF TIME	WIPE OFF TIME	WIPE OFF TIME	WIPE OFF TIME
TIRE WARMERS	TIRE WARMERS	TIRE WARMERS	TIRE WARMERS
Timing:	Temp.:	Timing:	Temp.:
FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT

TOTAL WEIGHT	/g	WEIGHT BALANCE	FRONT 50 %	REAR 50 %
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MOTOR	TIMING
ESC	BATTERIES
BODY	WING

BODY POSITION	
Dimension from body post to window bottom line	/mm
WING SIDE PLATE	
YES <input checked="" 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"/> 2.0mm	<input type="checkbox"/> 1.6mm
X4'22	2.0mm	<input type="checkbox"/> 1.6mm	<input type="checkbox"/> NONE
			<input type="checkbox"/> BEARING

COMMENTS	
Advanced version (more steering but harder to drive):	
Shim under rear hub: 1mm	
Shim under rear wishbone: 2.5mm	
Front upper inside shim: 1mm	
Rear upper inside shim: 2mm	
Shock towers only mounted from the side	
active rear shock tower	
0.5mm ackermann shim	
If the car can still handle more steering:	
Remove the T-Brace	
Use 2.5 toe in (Everything else is fine tuning for each track)	

FRONT & REAR SUSPENSION	
FRONT CASTER	REAR CASTER
Adjust with eccentric bushings	Adjust with eccentric bushings
5° 4° 3°	0.5° 1.5° 2.5° 3.5° 4.5° 5.5°
BUMP STEER	SHIM
2.5 /mm	6 /mm
HEIGHT	
/mm	
2 /mm FF	2 /mm RF
5.0 /mm	5.2 /mm
FRIDE HEIGHT	RRIDE HEIGHT
<input checked="" type="checkbox"/> SERVO SAVER	<input checked="" type="checkbox"/> SERVO HORN
TOE GAIN	
2 /mm	

FRONT	
2 /deg. CAMBER	Left = Right
BODY STOP	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SHOCK HOLDERS	SHIM 4 /mm
SUSPENSION FLEX	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DRIVE SHAFT	58mm 59mm BEARING BLADE
SHIM	1.5 /mm
SHIM	2 /mm
FRONT HUB	MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/>
SHIM	0.5 /mm
SHOCK LENGTH	7.5 /mm
SHOCK LENGTH	7.5 /mm
1.3 THICKNESS/mm	1.2 THICKNESS/mm

REAR	
2 /deg. CAMBER	Left = Right
BODY POST	VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>
SHOCK HOLDERS	FIXED <input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/>
SUSPENSION FLEX	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DRIVE SHAFT	52mm 54mm BEARING BLADE
SHIM	1.5 /mm
SHIM	2 /mm
REAR HUB	MEDIUM <input type="checkbox"/> HARD <input type="checkbox"/> GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/>
SHIM	0.5 /mm
SHOCK LENGTH	7.5 /mm
SHOCK LENGTH	7.5 /mm
1.3 THICKNESS/mm	1.2 THICKNESS/mm

FRONT TOP VIEW		REAR TOP VIEW	
1 TOE OUT	Left = Right	3 TOE IN	Left = Right
ACKERMANN	SHIM 0 /mm	SHORT LiPo BRASS WEIGHT	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DIFF POSITION	<input checked="" type="checkbox"/> UP <input type="checkbox"/> DOWN <input type="checkbox"/> +1mm	BRASS WEIGHT FOR MOTOR MOUNT	40g
UPPER ARM	SOFT <input type="checkbox"/> MEDIUM <input checked="" type="checkbox"/>	SHIM	/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 SHIM/mm	PLATE	8.0mm 7.5mm STD.
HUB OFFSET	STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM/mm	HUB OFFSET	STD. <input checked="" type="checkbox"/> -0.5mm <input type="checkbox"/> +0.5mm SHIM/mm

FRONT BOTTOM VIEW		REAR BOTTOM VIEW	
STEER. LOCK	26 /deg.	T-BRACE	ALU <input checked="" type="checkbox"/> BRASS <input type="checkbox"/>
SERVO HOLDER	FR RE	CHASSIS T-BRACE	
FRONT ARMS	MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>	REAR ARMS	MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>
CHASSIS	GRAPHITE <input type="checkbox"/> ALU <input checked="" type="checkbox"/> ALU 1.5mm <input type="checkbox"/>		