

SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

XRAY X4'24

RACE	Rebels Race - 3rd Final - medium grip				
TRACK	Rebels Race - black ets carpet				
NAME	Jirka Vysin	DATE	14/10/2023		
QUAL POSITION	1	FINAL POSITION	1	BEST LAPTIME	/sec
LAPS	/				

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 checked="" type="checkbox"/> FRONT SOLID AXLE	GEAR DIFF OIL	7000	/cSt
PINION	28	SPUR GEAR	110	FINAL DRIVE RATIO	

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 checked="" type="checkbox"/> PSS		
2x0.8		2x0.8			
SHOCK LENGTH	8.5	SHOCK LENGTH	8.5		
1.3	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2	

Hudy		TIRES		Hudy	
MG Black		ADDITIVE		MG Black	
12		ADDITIVE TIMING		10	
X		WIPE OFF TIME		X	
Timing:	Temp.:	TIRE WARMERS		Timing:	Temp.:
FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT		
TREATED AREA					

TOTAL WEIGHT	1300	WEIGHT BALANCE	FRONT 49 %	REAR 51 %
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MOTOR	Hobbywing G3 5T	TIMING	35
ESC	HW G2S	BATTERIES	EzPower 4000
BODY	Twister UL	WING	Twister L

66	/mm	Dimension from body post to window bottom line	BODY POSITION
7th+oring		Dimension from body post to upper holder	WING SIDE PLATE
			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
63	/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		BEARING

Difference to setup from Q2 (low traction)
 Speciale UL (66 windshield posts, 64 rear edge, side plates on)
 2 toe gain, 3 toe in, 3mm bump steer, no ackerman shim
 1.6 topdecks F+R,
 downstops 6.4 front, 4.6 rear
 Additive applied 15 min
 Q1: just 1 screw in motor mount (first from back) and no shim
 under rear upper clamps
 HARD hubs to be tried

FRONT & REAR SUSPENSION	
FRONT CASTER	REAR CASTER
Adjust with eccentric bushings	Adjust with eccentric bushings
BUMP STEER	SHIM
2 /mm	7 /mm
HEIGHT	
2 /mm	
FR	RR
2 /mm	2.5 /mm
TOE GAIN	1.5 /mm
SHIM	2 /mm
SHOCK HOLDERS	SHOCK HOLDERS
SHIM 4 /mm	SHIM 4 /mm
SUSPENSION FLEX	SUSPENSION FLEX
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DRIVE SHAFT	DRIVE SHAFT
58mm 59mm	52mm 54mm
BEARING BLADE	BEARING BLADE
#107702 Chassis Droop Gauge Blocks	#107712 Chassis Droop Gauge
6.6 /mm	DOWNSTOP

FRONT	
2 /deg.	CAMBER
Left = Right	
BODY STOP	BODY STOP
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SHOCK HOLDERS	SHOCK HOLDERS
SHIM 4 /mm	SHIM 4 /mm
SUSPENSION FLEX	SUSPENSION FLEX
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DRIVE SHAFT	DRIVE SHAFT
58mm 59mm	52mm 54mm
BEARING BLADE	BEARING BLADE
#107702 Chassis Droop Gauge Blocks	#107712 Chassis Droop Gauge
6.6 /mm	DOWNSTOP

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

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

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