

XRAY X4'22

RACE	Rebels Race RD4				
TRACK					
NAME	Jiri Vysin			DATE	26.3.2022
TRACK TEMPERATURE	QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
26.5	1	1	12.078 /sec	/	
TRACK					
TRACK SURFACE		<input checked="" type="checkbox"/> CARPET	<input type="checkbox"/> ASPHALT		
TRACK LAYOUT		<input type="checkbox"/> TECHNICAL	<input checked="" type="checkbox"/> MIXED	<input type="checkbox"/> FAST	
TRACTION		<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> HIGH	
TRANSMISSION					
FRONT		REAR			
SOLID AXLE		<input checked="" type="checkbox"/> YES			
GEAR DIFFERENTIAL - OIL		/cSt		GEAR DIFFERENTIAL - OIL 8K /cSt	
PINION	28 /T	SPUR GEAR	110 /T	FINAL DRIVE RATIO	
SHOCKS					
FRONT		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"/> 3 HOLES		PISTONS		<input type="checkbox"/> 3 HOLES	
<input type="checkbox"/> 4 HOLES		1.0mm		<input type="checkbox"/> 4 HOLES	
<input checked="" type="checkbox"/> PSS		1.1mm		<input type="checkbox"/> PSS	
		1.2mm		<input checked="" type="checkbox"/> PSS	
2x0.8		2x0.8			
SHOCK LENGTH FRONT		SHOCK LENGTH REAR			
9 /mm		9 /mm			
ANTI-ROLL BAR					
1.3 THICKNESS/mm		THICKNESS/mm		1.2	
Hudy C3		TIRES		Hudy C3	
Hudy Red		ADDITIVE		Hudy Red	
10		ADDITIVE TIMING		10	
TREATED AREA					
FRONT LEFT		FRONT RIGHT		REAR LEFT	
FRONT RIGHT		REAR LEFT		REAR RIGHT	
TOTAL WEIGHT 1320 /g					
WEIGHT BALANCE		FRONT 49 %		REAR 51 %	
MOTOR		HW 5T		TIMING	
ESC		Hobbywing		BATTERIES Ez Power 4000mah	
BODY		Twister 0.5		WING Twister 0.7	
BODY POSITION					
69 /mm		Dimension from body post to window bottom line			
7th+oring /mm		Dimension from body post to upper holder		WING SIDE PLATE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
65 /mm		Dimension from edge to surface			
COMMENTS					
I tried Wolverine last run which was faster on bestlap, faster on 5 min run and felt more consistent. (Body stop for wolverine was 9.7mm)					
The rear 2.0mm split topdeck used both front and rear					

FRONT & REAR SUSPENSION

FRONT CASTER: 5° ☐ 4° ☒ 3° ☐
Adjust with eccentric bushings

BUMP STEER: 3.5 /mm

HEIGHT: /mm

SHIM: 7 /mm

TOE GAIN: 5 /mm

REAR CASTER: 0.5° ☐ 1.5° ☒ 2.5° ☐ 3.5° ☐ 4.5° ☐ 5.5° ☐
Adjust with eccentric bushings

FF: 2 /mm ☐ ☒

RIDE HEIGHT: 5 /mm ☐ ☒

FR: 2 /mm ☐ ☒

SERVO SAVER: ☐

SERVO HORN: ☒

RR: 2.5 /mm ☐ ☒

RIDE HEIGHT: 5.2 /mm ☐ ☒

RR: 2.5 /mm ☐ ☒

CAMBER: 2 /deg. Left = Right

BODY STOP: YES ☒ NO ☐
10.5 /mm

FRONT BRACE: YES ☐ NO ☒

BULKHEAD SHIMS: YES ☒ 3mm ☐ NO ☐

DRIVE SHAFT: ☒ 58mm ☐ 59mm ☐ STD. BEARING ☒

FRONT HUB: COMPOSITE ☒ ALU ☐

SHIM: 0.5 /mm

HUDY: #107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge 6.4 /mm DOWNSTOP

REAR SUSPENSION

CAMBER: 2 /deg. Left = Right

BODY POST: VERTICAL ☐ HORIZONT. ☒

DRIVE SHAFT: ☐ 52mm ☒ 54mm ☐ STD. BEARING ☒

REAR HUB: COMPOSITE ☒ ALU ☐

SHIM: 1 /mm

HUDY: #107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge 4.2 /mm DOWNSTOP

FRONT TOP VIEW

TOE OUT: 1 Left = Right

ACKERMANN: SHIM 0 /mm

DIFF POSITION: UP ☐ DOWN ☒

UPPER ARM: STANDARD ☒

OFFSET: STANDARD ☐ -0.5mm ☒ SHIM/mm

STEERING BRIDGE: YES ☐ NO ☒

TOP DECK FLEX: NONE ☒ BEARING ☐

TOP DECK: 1.6mm ☐ 2.0mm ☒

TOP DECK CUTTING: ☐

BRASS WEIGHT FOR MOTOR MOUNT: 5, 10, 15

REAR TOP VIEW

TOE IN: 2.5 Left = Right

SHIM: /mm

DIFF POSITION: UP ☐ DOWN ☒

UPPER ARM: STANDARD ☒

OFFSET: STANDARD ☐ -0.5mm ☒ SHIM/mm

FRONT BOTTOM VIEW

STEER. LOCK: 26 /deg.

STEER. SHIM: SIZE 8.5 /mm

FRONT BRACE: YES ☐ NO ☒

SERVO HOLDER: FR ☐ RE ☒

FRONT ARMS: MEDIUM ☐ HARD ☒

STEER. PLATE: STANDARD ☒ +1mm ☐

MOTOR MOUNT: ☐

CHASSIS: GRAPHITE ☐ ALU ☐ ALU FLEX ☒

T-BRACE: ALU ☐ BRASS ☐

REAR ARMS: MEDIUM ☐ HARD ☒