

SET-UP SHEET

VER.01 ©XRAY

XRAY X4'22

RACE	post race test - XRS RD 2		
TRACK	Hudy Arena		
NAME	Jiri Vysin	DATE	14.11.2021

TRACK TEMPERATURE	QUAL POSITION	FINAL POSITION	BEST LAP TIME	LAPS	TIME
19,7			11.433 /sec	26	5:01.909

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

FRONT	TRANSMISSION	REAR
SOLID AXLE	<input checked="" type="checkbox"/> YES	
GEAR DIFFERENTIAL - OIL	/cSt	GEAR DIFFERENTIAL - OIL 8000 /cSt
PINION 28 /T	SPUR GEAR 110 /T	FINAL DRIVE RATIO

FRONT	SHOCKS	REAR
2.8-2.5	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	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
8.5 /mm	8.5 /mm

1.3	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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Hudy C3-28	TIRES	Hudy C3-28
Hudy Red	ADDITIVE	Hudy Red
8	ADDITIVE TIMING	8

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT

TOTAL WEIGHT	1320 /g	WEIGHT BALANCE	FRONT 51 % REAR 49 %
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MOTOR	HW G3 5.0T	TIMING
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ESC	HW XR10 pro G2	BATTERIES	Ez Power 4000
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BODY	Twister 0.5	WING	Twister 0.5
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69 /mm	Dimension from body post to window bottom line	BODY POSITION
28.5 /mm	Dimension from body post to upper holder	WING SIDE PLATE
	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
66 /mm	Dimension from edge to surface	

COMMENTS
 higher traction than race day and previous setup didn't felt optimal. The car was too stable with no rotation and no initial steering and rolling on front in high speed corners changes: additive timing, bump steer, rear roll-centre, toe gain result: much more rotation but still easy to drive, no more roll on front, consistent steering throughout whole corner Didn't have enough time to try 10K diff with prob 3.5 toe gain

FRONT CASTER	FRONT & REAR SUSPENSION	REAR CASTER
Adjust with eccentric bushings	BUMP STEER 4 /mm	Adjust with eccentric bushings
HEIGHT 19 /mm	SHIM 7 /mm	TOE GAIN 4 /mm
2 /mm FF	FR 2 /mm	2.5 /mm RF
5.0 /mm RIDE HEIGHT	<input type="checkbox"/> SERVO SAVER	5.2 /mm RR
<input checked="" type="checkbox"/> RIDE HEIGHT	<input type="checkbox"/> SERVO HORN	2.5 /mm

FRONT CAMBER	FRONT SUSPENSION	FRONT HUB
2 /deg. Left=Right	BODY STOP YES <input checked="" type="checkbox"/> NO	COMPOSITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/>
	FRONT BRACE YES <input checked="" type="checkbox"/> NO	SHIM 0.5 /mm
	BULKHEAD SHIMS YES <input checked="" type="checkbox"/> 3mm NO	
	DRIVE SHAFT 58mm 59mm STD. BEARING	
	#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge	
		6.6 /mm DOWNSTOP

REAR CAMBER	REAR SUSPENSION	REAR HUB
2 /deg. Left=Right	BODY POST VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>	COMPOSITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/>
	REAR SHOCK POSITION	SHIM 1.5 /mm
	DRIVE SHAFT 52mm 54mm STD. BEARING	
	#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge	
		4 /mm DOWNSTOP

FRONT TOP VIEW	REAR TOP VIEW
1 TOE OUT Left=Right	2.5 TOE IN Left=Right
ACKERMANN SHIM 1 /mm	SHIM /mm
DIFF POSITION UP <input type="checkbox"/> DOWN <input checked="" type="checkbox"/>	DIFF POSITION UP <input type="checkbox"/> DOWN <input checked="" type="checkbox"/>
UPPER ARM STANDARD <input checked="" type="checkbox"/> angled	UPPER ARM STANDARD <input checked="" type="checkbox"/>
STEERING BRIDGE YES <input checked="" type="checkbox"/> NO	TOP DECK FLEX NONE <input checked="" type="checkbox"/> BEARING
TOP DECK STANDARD <input checked="" type="checkbox"/> SPLITTED	TOP DECK 1.6mm <input checked="" type="checkbox"/> 2.0mm
OFFSET STANDARD <input type="checkbox"/> -0.5mm <input checked="" type="checkbox"/> SHIM/mm	OFFSET STANDARD <input type="checkbox"/> -0.5mm <input checked="" type="checkbox"/> SHIM/mm

FRONT BOTTOM VIEW	REAR BOTTOM VIEW
STEER. LOCK 26 /deg.	T-BRACE ALU <input type="checkbox"/> BRASS <input type="checkbox"/>
STEER. SHIM SIZE 7,5 /mm	FRONT BRACE YES <input checked="" type="checkbox"/> NO
FRONT BRACE YES <input checked="" type="checkbox"/> NO	REAR BRACE YES <input checked="" type="checkbox"/> NO
FRONT ARMS MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>	REAR ARMS MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>
STEER. PLATE STANDARD <input checked="" type="checkbox"/> +1mm	CHASSIS GRAPHITE <input type="checkbox"/> ALU <input type="checkbox"/> ALU FLEX <input checked="" type="checkbox"/>