

SET-UP SHEET

XRAY T3'12

RACE	XRAY Challenge		
TRACK	Hudy Racing Arena		
NAME	Alexander Hagberg		
CITY / COUNTRY	Trencin	Slovakia	
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DATE	10/05/2012	TEMPERATURE / °F or °C	AIR 20	TRACK 40
QUALIFYING POSITION	1	BEST LAPTIME /sec	18.4	RACE LENGTH /minutes
FINAL POSITION	1	5		

TRACK CONDITION	☐ TECHNICAL	☒ MIXED	☐ FAST
TRACTION	☐ LOW	☒ MEDIUM	☐ HIGH

FRONT		REAR	
TRANSMISSION			
SOLID AXLE	☐ YES	BALL DIFFERENTIAL	☐ YES
SOLID ONE WAY DIFF.	☐ YES		
ONE WAY DIFFERENTIAL	☐ YES		
GEAR DIFFERENTIAL	☐ YES	GEAR DIFFERENTIAL	☒ YES
OIL		OIL	3000 /Cst

PINION / T	29	SPUR GEAR / T	116
FINAL DRIVE RATIO	4	ROLLOUT	0

FRONT		REAR	
☒ ALU	☐ PLASTIC	SHOCKS	☒ ALU ☐ PLASTIC
2.8	XRAY SPRINGS	2.6	
400	OIL / CST	400	
	LENGTH /mm		
	PRELOAD /mm		
25	REBOUND %	25	
☐ YES ☒ NO	FOAM INSERTS	☐ YES ☒ NO	
☐ YES ☒ NO	O-RING ON SHAFT	☐ YES ☒ NO	

☐ OPENED	☒ CLOSED	HOLES IN PISTON	☒ YES ☐ NO
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1.3	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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Take Off	TIRES
	DIAMETER /mm
	INSERTS
Mighty Gripper V2	ADDITIVE

FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

WHEELS			
S ☐	M ☐	H ☐	HARDNESS
S ☐	M ☐	H ☐	

MOTOR	ORCA RX2 4.5T	TIMING	5 degrees
ROTOR	12.5	ARMATURE	

ESC	ORCA VX	BATTERIES	ORCA INFINITE 6500
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BRUSHLESS			
PROGRAM	PUNCH 6	INITIAL BRAKE 0%	AUTO BRAKE 6%

BODY	LTC-R LW	WING	MR33
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☒ S-APPLIED	S-SOFT	M-MEDIUM	H-HARD
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FRONT		SQUAT		ROLL-CENTER		REAR	
CASTER	0° ☐ 2° ☐ 4° ☒ 6° ☐						
DIVE	+0.75 ☐ 0.00 ☐ -0.75 ☒	SHIM	2 /mm	+0.75 ☐ 0.00 ☒ -0.75 ☐	SHIM	/mm	+0.75 ☐ 0.00 ☒ -0.75 ☐
SHIM	/mm			SHIM	/mm		SHIM
4.7	RIDE HEIGHT/mm	WHEELBASE/mm	257	5	RIDE HEIGHT/mm		

FRONT		REAR	
C-HUB	SHIM 1 /mm	SHIM 1 /mm	SHIM 1 /mm
M ☐			
H ☒			
ALU ☐			
STEERING BLOCK	LONG 52mm ☒ SHORT 50mm ☐	LONG 52mm ☒ SHORT 50mm ☐	LONG 52mm ☒ SHORT 50mm ☐
M ☐			
H ☒			
ALU ☐			
OFFSET	STANDARD ☒	STANDARD ☒	STANDARD ☒
6	DOWNSTOP /mm	5	

TOE /degr.	FINAL TOE IN OUTBOARD + INBOARD TOE	3	OUTBOARD TOE	0
OUT 0.5	IN	SHIM /mm	1.9 = 3.5°	1.5 = 3°
SHIM UNDER SHOCK	SHIM 2 /mm	SHIM REAR	1.5 /mm	1.5 = 2.5°
SHIM FRONT	SHIM 2 /mm	ACKERMANN SHIM	1 /mm	0.75 = 2°
NO SHIM	☒	OTHER		0.5 = 1.5°
ANTI ROLL-BAR	SHIM UNDER SHOCK	SHIM		0 = 1°
INBOARD SHIMS ARE USED IN ADDITION TO TRACK-WIDTH SHIMS				

FRONT		REAR	
1.5	CAMBER /degr.	1.5	
UPPER SHOCK POSITION		UPPER SHOCK POSITION	
FRONT ARM	HARD (H) ☐	REAR ARM	HARD (H) ☐
EXTRA-HARD (XH) ☒		EXTRA-HARD (XH) ☐	
302167		303167	

BALANCE /g	15	BALANCE /g	15
ECCENTER /mm	STANDARD ☒	ECCENTER /mm	STANDARD ☒
1		1	
DIFF POSITION	UP ☒	DIFF POSITION	UP ☒
DOWN ☐		DOWN ☐	
LOWER SUSP. BLOCK	SOLID ☐	LOWER SUSP. BLOCK	SOLID ☐
2 pcs ☒		2 pcs ☒	

Shock pistons 3 x 1.1mm

Rear suspension modification: <http://hagberg.blogs.se/2012/01/18/rear-suspension-modification-12479898/>

New servo mount 306220

Hudy alu servo horn 293501

ECS front driveshafts 52mm

2mm chassis 301133