

SET-UP SHEET

XRAY T4

RACE	Club Racing		
TRACK	5280 Raceway		
NAME	Sam Nelson		
CITY / COUNTRY	Lakewood	USA	
CONTACT			

DATE	12/04/2012	TEMPERATURE / °F or °C	AIR	66F	TRACK	66F
QUALIFYING POSITION	BEST LAPTIME /sec		FINAL POSITION	RACE LENGTH /minutes		

TRACK CONDITION	☐ CARPET	☐ ASPHALT
☐ 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	1500 /Cst

PINION / T	44	SPUR GEAR / T	100
FINAL DRIVE RATIO	2.2727272727273	ROLLOUT	0

FRONT		REAR	
2.7	XRAY SPRINGS	2.3-2.6	
Mugen 400	OIL / CST	Mugen 400	
	LENGTH /mm		
	PRELOAD /mm		
	REBOUND %		

☒ YES	☐ NO	FOAM INSERTS	☒ YES	☐ NO
☐ YES	☒ NO	O-RING ON SHAFT	☐ YES	☒ NO

☐ 3 HOLES	☒ 4 HOLES	PISTONS	☐ 3 HOLES	☒ 4 HOLES
		1.0mm		
		1.1mm		
		1.2mm		
		OTHERS		

1.4	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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Jaco Blue	TIRES
	INSERTS
SXT	ADDITIVE
~5min	ADDITIVE TIMING

FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

WHEELS			
S	M	H	
			HARDNESS
S	M	H	

MOTOR	Reedy Sonic	TIMING	40 (Blinky)
ROTOR	Stock	ARMATURE	13.5

ESC	Tekin RS Pro	BATTERIES	IP
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BODY	Speed6	WING	
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☒ - APPLIED	S-SOFT	M-MEDIUM	H-HARD
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FRONT		REAR	
CASTER	0° ☐ 2° ☐ 4° ☒ 6° ☐	SQUAT	ROLL-CENTER
DIVE	ROLL-CENTER	SHIM	2 /mm
+0.75 ☒	0.00 ☐	+0.75 ☐	0.00 ☒
0.00 ☐	-0.75 ☐	-0.75 ☐	SHIM
-0.75 ☐	SHIM	0 /mm	0 /mm
SHIM	0 /mm	WHEELBASE/mm	256
5.3	RIDE HEIGHT/mm	2	1
		0	5.2

FRONT		REAR	
C-HUB	SHIM	SHIM	SHIM
M ☒	2 /mm	0 /mm	0 /mm
H ☐			
ALU ☐			
STEERING BLOCK	LONG 52mm ☒	SHORT 50mm ☒	LONG 52mm ☐
M ☐			
H ☒			
ALU ☐			
OFFSET	STANDARD ☒	2mm ORH	DOWNSTOP /mm
		2mm ORH	

TOE /deg.	FINAL TOE IN	3	OUTBOARD TOE
OUT 0.5	INBOARD TOE		
SHIM UNDER SHOCK	SHIM	0 /mm	SHIM /mm
SHIM 0 /mm			3.5°
SHIM FRONT			3°
SHIM 1.5 /mm			2.5°
			2°

FRONT		REAR	
2	CAMBER /deg.	2	
	UPPER SHOCK POSITION		
FRONT ARM	HARD (H) ☒	REAR ARM	HARD (H) ☒
EXTRA-HARD (XH) ☐		EXTRA-HARD (XH) ☐	
GRAPHITE (G) ☐		GRAPHITE (G) ☐	

BALANCE /g	MOTOR HOLDER	BALANCE /g
	STANDARD ☐	
	OPTION ☐	
ECCENTER /mm		ECCENTER /mm
STANDARD ☐		STANDARD ☐
1 ☒		1 ☒
DIFE POSITION		DIFE POSITION
UP ☒		UP ☐
DOWN ☐		DOWN ☒
LOWER SUSP. BLOCK		LOWER SUSP. BLOCK
SOLID 1pcs ☒		SOLID 1pcs ☐
SINGLE 2 pcs ☐		SINGLE 2 pcs ☒

COMMENTS
Setup still progressing, but car is fast. Car is driven hard into the corners and is stable. 20 drag brake. Chassis roll is slightly excessive, with rub of about 10mm on chassis. Next major iteration will include 2.9 front springs and 2.7 rears to mitigate roll.