

SET-UP SHEET

XRAY T3

RACE	BIWS		
TRACK	Don Valley, Sheffield		
NAME	James Collins		
CITY / COUNTRY	Scotland	UK	
CONTACT			

DATE	03/03/2010	TEMPERATURE / °F or °C	AIR	TRACK
QUALIFYING POSITION	A 3	BEST LAPTIME / sec	FINAL POSITION	A 2
		RACE LENGTH / minutes		
		5 mins		

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

FRONT		REAR	
TRANSMISSION			
FRONT PULLEY		REAR PULLEY	
LOOSE	MEDIUM	TIGHT	DIFF.
☐	☐	☐	☒
ONE WAY DIFFERENTIAL		☐ YES	
SOLID ONE WAY DIFF.		☐ YES	
SOLID AXLE		☒ YES	
		MIDDLE ONE WAY PULLEY	
		FIXED ☒ ONE-WAY ☐	
PINION / T	38	SPUR GEAR / T	104
FINAL DRIVE RATIO	5.2	ROLLOUT	0

FRONT		REAR	
☒ ALU	☐ PLASTIC	☒ ALU	☐ PLASTIC
SHOCKS			
XRAY SPRINGS			
#308393	Super Soft	☐ YELLOW	(D=1.4) 14 lb
#308384		☐ BLUE-GREEN	(D=1.5) 15 lb
#308394	Soft	☐ WHITE	(D=1.5) 17.5 lb
#308385		☐ LIGHT-BLUE	(D=1.6) 20 lb
#308395	Soft Medium	☐ BLUE	(D=1.6) 22.5 lb
#308386		☐ DARK-BLUE	(D=1.7) 25 lb
#308396	Medium	☐ VIOLET	(D=1.7) 28 lb
#308387		☐ LIGHT-PURPLE	(D=1.8) 30 lb
#308397	Medium Hard	☐ PURPLE	(D=1.8) 33 lb
#308388		☐ LIGHT-RED	(D=1.9) 35 lb
#308398	Hard	☐ RED	(D=1.9) 38 lb

#308373	☐	C 2.2	☐
#308374	☐	C 2.4	☐
#308375	☐	C 2.6	☒
#308376	☐	C 2.8	☐
#308377	☒	C 3.0	☐
#308378	☐	C 3.2	☐
#308379	☐	C 3.4	☐

450	OTHER SPRING	350
	OIL / CST	
	LENGTH / mm	
	PRELOAD / mm	
0	REBOUND %	0
☐ YES	☐ NO	FOAM INSERTS
☐ YES	☐ NO	O-RING ON SHAFT
☐ YES	☐ NO	

☐ OPENED	☒ CLOSED	HOLES IN PISTON

1.4	THICKNESS / mm	ANTI-ROLL BAR	THICKNESS / mm	1.2
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sweep 32	TIRES	sweep 32
	DIAMETER / mm	
	INSERTS	
	ADDITIVE	

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT

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

MOTOR	GM 13.5	TIMING
ROTOR		ARMATURE

ESC	GM 120 V2	BATTERIES	Demon Racing
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BRUSHLESS	PROGRAM	PUNCH	INITIAL BRAKE	AUTO BRAKE
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BODY	Mazda sp 6	WING	Std
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● ☒ - APPLIED S-SOFT M-MEDIUM H-HARD

FRONT		SQUAT		ROLL-CENTER		REAR	
CASTER	0° ☐ 2° ☐ 4° ☒ 6° ☐	SHIM	/mm	SHIM	/mm	SHIM	/mm
DIVE	+0.75 ☐ 0.00 ☒ -0.75 ☐	SHIM	/mm	SHIM	/mm	SHIM	/mm
SHIM	/mm	SHIM	/mm	SHIM	/mm	SHIM	/mm
WHEELBASE /mm				RIDE HEIGHT /mm			
5.5				5.5			

FRONT		REAR	
C-HUB	M ☒ H ☐ ALU ☐	SHIM	1 /mm
STEERING BLOCK	M ☒ H ☐ ALU ☐	SHIM	4 /mm
OFFSET	STANDARD ☒	REAR HUB	M ☐ H ☐ ALU ☐
DOWNSTOP /mm		OFFSET	
6		STANDARD ☒	

TOE / degr.	FINAL TOE IN	3	OUTBOARD TOE	1.0
OUT 0	OUTBOARD + INBOARD TOE		INBOARD TOE	
IN			SHIM /mm	
SHIM UNDER SHOCK	SHIM 0 /mm	SHIM FRONT	SHIM 0 /mm	SHIM REAR
SHIM REAR	SHIM 0 /mm	SHIM FRONT/REAR	NO shim ☒	OTHER
INBOARD SHIMS ARE USED IN ADDITION TO TRACK-WIDTH SHIMS				

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

FRONT		TOP DECK MULTI-FLEX SETTING		REAR	
ALU BRACE	OPTIONAL	EU TOP DECK	US TOP DECK	ECCENTER	STANDARD ☐
ECCENTER	STANDARD ☐			DIFF. POSITION	UP ☐
DIFF. POSITION	UP ☐			DOWN	☒
DOWN	☒				

FRONT		BATTERIES TYPE		REAR	
BALANCE /g		5-CELL ☐	6-CELL ☐	LIPO ☒	BALANCE /g
RIGHT ☒	FRONT BELT POSITION	BATTERIES POSITION		BALANCE /g	
LEFT ☐		OUTSIDE ☒ INSIDE ☐		5	