

# SET-UP SHEET

# XRAY T4

RACE	Team Powers cup		
TRACK	TRCCC		
NAME	Jimmy Maddison		
CITY / COUNTRY	UK		
CONTACT			

DATE	26/11/2012	TEMPERATURE / °F or °C	AIR	TRACK
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QUALIFYING POSITION	BEST LAP TIME /sec	FINAL POSITION	RACE LENGTH /minutes
1	12.33	1	5

TRACK CONDITION	<input checked="" type="checkbox"/> CARPET	<input type="checkbox"/> ASPHALT
	<input checked="" type="checkbox"/> TECHNICAL	<input type="checkbox"/> MIXED
TRACTION	<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MEDIUM
	<input type="checkbox"/> HIGH	

FRONT	REAR
TRANSMISSION	

SOLID AXLE	<input checked="" type="checkbox"/> YES	BALL DIFFERENTIAL	<input type="checkbox"/> YES
SOLID ONE WAY DIFF.	<input type="checkbox"/> YES		
ONE WAY DIFFERENTIAL	<input type="checkbox"/> YES		

GEAR DIFFERENTIAL	<input type="checkbox"/> YES	GEAR DIFFERENTIAL	<input checked="" type="checkbox"/> YES
OIL		OIL	2000 /cst

PINION / T	30	SPUR GEAR / T	110
FINAL DRIVE RATIO	3.66666666666667	ROLLOUT	0

FRONT	REAR
2.7	XRAY SPRINGS
	2.5
450	OIL / CST
	450
	LENGTH /mm
	PRELOAD /mm
	REBOUND %

<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	FOAM INSERTS	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	O-RING ON SHAFT	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

<input type="checkbox"/> 3 HOLES	<input checked="" type="checkbox"/> 4 HOLES	PISTONS	<input type="checkbox"/> 3 HOLES	<input checked="" type="checkbox"/> 4 HOLES
		1.0mm		
		1.1mm		
		1.2mm		
		OTHERS		

1.4	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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powers 26	TIRES
indoor	INSERTS
AME	ADDITIVE
10	ADDITIVE TIMING
	15

FRONT LEFT	FRONT RIGHT	REAR LEFT	REAR RIGHT
TREATED AREA			

WHEELS	
S <input type="checkbox"/>	M <input type="checkbox"/>
H <input type="checkbox"/>	
HARDNESS	S <input type="checkbox"/>
	M <input type="checkbox"/>
	H <input type="checkbox"/>

MOTOR	TIMING
ROTOR	ARMATURE

ESC	BATTERIES
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BODY	mazda	WING	std
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●  - APPLIED S-SOFT M-MEDIUM H-HARD

**FRONT**

CASTER: 0°  2°  4°  6°

DIVE: +0.75  0.00  -0.75

ROLL-CENTER: SHIM /mm: +0.75  0.00  -0.75

SHIM /mm: +0.75  0.00  -0.75

WHEELBASE/mm: 257

RIDE HEIGHT/mm: 5

**REAR**

SQUAT: +0.75  0.00  -0.75

ROLL-CENTER: SHIM /mm: +0.75  0.00  -0.75

RIDE HEIGHT/mm: 5.2

**C-HUB**

M  H  ALU

SHIM 1.5 /mm

**STEERING BLOCK**

M  H  ALU

OFFSET: STANDARD

FRONT: 5.8

**REAR HUB**

M  H  ALU

SHIM 1 /mm

LONG 52mm  SHORT 50mm

CAMBER LINK LOCATION

OPTIONAL HUB

ROLL CENTER UPPER CLAMP

MEASURE UNDER ARM

FRONT: 4.6

REAR: OFFSET STANDARD

TOE /deg: OUT 1 IN 1

FINAL TOE IN: OUTBOARD = 3 INBOARD = 3

OUTBOARD TOE

INBOARD TOE

SHIM /mm: 1.1 = 3.5° 0.75  = 3° 0.4 = 2.5° 0 = 2°

ANTI ROLL-BAR

SHIM UNDER SHOCK

SHIM /mm

SHIM FRONT/REAR

NO SHIM

OTHER

INBOARD SHIMS ARE USED IN ADDITION TO TRACK-WIDTH SHIMS

ROLL CENTER UPPER CLAMP

SHIM UNDER SHOCK

SHIM 2 /mm

SHIM FRONT

SHIM 1.5 /mm

SHIM REAR

SHIM 1.5 /mm

ACKERMANN SHIM

SHIM 1 /mm

OUT ACKERMANN POSITION

ROLL CENTER UPPER CLAMP

**FRONT**

CAMBER /deg: UPPER SHOCK POSITION

FRONT ARM

HARD (H)  EXTRA-HARD (XH)  GRAPHITE (G)

OPTIONAL ARM

**REAR**

REAR ARM

HARD (H)  EXTRA-HARD (XH)  GRAPHITE (G)

OPTIONAL ARM

BALANCE /g

MOTOR HOLDER: STANDARD  OPTION

BALANCE /g

BALANCE /g

BALANCE /g

BALANCE /g

**ECCENTER** /mm

STANDARD  1

DIFF POSITION: UP  DOWN

LOWER SUSP. BLOCK: SOLID 1 pcs  SINGLE 2 pcs

**REAR**

**ECCENTER** /mm

STANDARD  1

DIFF POSITION: UP  DOWN

LOWER SUSP. BLOCK: SOLID 1 pcs  SINGLE 2 pcs

COMMENTS