

SET-UP SHEET

XRAY T4'15

RACE	ETS Muelheim-Kaerlich set up - graphite chassis		
TRACK	ETS Muelheim-Kaerlich		
NAME	Martin Hudy		
CITY / COUNTRY	Trencin	Slovakia	
CONTACT			

DATE	05/02/2015	TEMPERATURE / °F or °C	AIR	TRACK
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QUALIFYING POSITION	BEST LAPTIME /sec	FINAL POSITION	RACE LENGTH /minutes
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TRACK CONDITION	☒ CARPET	☐ ASPHALT	
☐ TECHNICAL	☒ MIXED	☐ FAST	
TRACTION	☐ LOW	☒ MEDIUM	☐ HIGH

FRONT	REAR
TRANSMISSION	

SOLID AXLE	☒ YES	BALL DIFFERENTIAL	☐ YES
SOLID ONE WAY DIFFERENTIAL	☐ YES		
ONE WAY DIFFERENTIAL	☐ YES		

GEAR DIFFERENTIAL	☐ YES	GEAR DIFFERENTIAL	☒ YES
OIL	/Cst	OIL	5000 /Cst

PINION / T		SPUR GEAR / T	
FINAL DRIVE RATIO		ROLLOUT	

FRONT		REAR
std.	SHOCK TYPE	std.
2.5-2.8	XRAY SPRINGS	2.6
500	OIL /Cst	500
0	REBOUND %	0

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

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

1.4	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.3
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LRP	TIRES	LRP
	INSERTS	
HUDY	ADDITIVE	HUDY
10	ADDITIVE TIMING	15

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT
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ECCENTRIC BUSHINGS	ROLL CENTER	ECCENTRIC BUSHINGS
FF	1 1	RR
FF	0.5 0.5	RR
FPR	1 1	RF
FR	0.5 0.5	RF

MOTOR	TIMING
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ESC	BATTERIES
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BODY	Mazda Speed 6	WING
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COMMENTS

FRONT	REAR
CASTER	0° 2° 4° ☒ 6°
SHIM	0 /mm
WHEELBASE /mm	256
RIDE HEIGHT /mm	5.2

C-HUB	SHIM	DRIVE SHAFT	SHIM	SHIM	DRIVE SHAFT	SHIM	REAR HUB
M ☒	2 /mm	LONG 52mm ☒	2 /mm	2 /mm	LONG 52mm	4 /mm	M ☐
H ☐		SHORT 50mm			SHORT 50mm ☒		H ☒
G ☐							ALU ☐
ALU ☐							
STEERING BLOCK							
M ☐							
H ☒							
ALU ☐							
OFFSET							
STANDARD ☒							STANDARD ☒
FRONT	5.6	DOWNSTOP /mm	4.6	REAR			

ARS ACTIVE REAR SUSPENSION™
C-HUB
M ☐
H ☐
G ☐
ALU ☐
SHIM
SHIM
SHIM
SHIM
STEERING BLOCK
M ☐
H ☐
ALU ☐
OFFSET
STANDARD ☐
REAR

TOE /deg.	FINAL TOE IN	OUTBOARD TOE
TOE OUT 1	3	
LOWER		
SHIMS UNDER SHOCK		
1 /mm		
4 /mm		
UPPER		
ROLL CENTER UPPER CLAMP		
STEERING POST		
YES ☐ NO ☒		
ACKERMANN SHIM		
0 /mm		
STEERING ARM		
STANDARD ☒		
ALU ☐		
STEERING PLATE		
YES ☐ NO ☒		
MOTOR MOUNT		
STANDARD ☒		
OPTION ☐		
MOTOR MOUNT FLEX		
YES ☐ NO ☒		
ALU STAND		
YES ☐ NO ☒		
SHIMS UNDER SHOCK		
1 /mm		
2 /mm		
UPPER		
ROLL CENTER UPPER CLAMP		
FRONT		REAR

FRONT	REAR
1.5	2
CAMBER /deg.	
UPPER SHOCK POSITION	
FRONT ARM	
STANDARD (H) ☐	
GRAPHITE (G) ☒	
GRAPHITE PLATE	
YES ☐ NO ☒	
REAR ARM	
STANDARD (H) ☐	
GRAPHITE (G) ☒	
GRAPHITE PLATE	
YES ☐ NO ☒	
FRONT	REAR

FRONT	REAR
BALANCE /g	BALANCE /g
10	10
TOP DECK	
2.0mm ☒	
1.6mm	
DIFE POSITION	
UP ☒	
DOWN ☐	
LOWER SUSP. BLOCK	
SOLID 1pcs ☒	
SINGLE 2pcs	
BALANCE /g	BALANCE /g
10	15
BALANCE /g	5
DIFE POSITION	
UP ☒	
DOWN ☐	
LOWER SUSP. BLOCK	
SOLID 1pcs ☐	
SINGLE 2pcs ☒	
FRONT	REAR