

# SET-UP SHEET

VER.01 ©XRAY

# XRAY X4'22

RACE	ETS R4 Luxembourg		
TRACK	Mini Circuit Ville de Luxembourg LMCC		
NAME	Jacques Libar	DATE	25.09.22

TRACK TEMPERATURE	QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
15	7	7	19.2 /sec	16/	5:14

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

FRONT	TRANSMISSION	REAR
SOLID AXLE <input checked="" type="checkbox"/> YES		
GEAR DIFFERENTIAL - OIL	/cSt	GEAR DIFFERENTIAL - OIL 8K /cSt
PINION 42 /T	SPUR GEAR 100 /T	FINAL DRIVE RATIO 4.52

FRONT	SHOCKS	REAR
2.5-2.8	XRAY SPRINGS	2.7
350	OIL /cSt	350
/	REBOUND %	/
<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	FOAM INSERTS	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

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

SHOCK LENGTH FRONT 9.0 /mm	SHOCK LENGTH REAR 9.0 /mm
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1.1	THICKNESS/mm	ANTI-ROLL BAR	THICKNESS/mm	1.2
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Matrix 36	TIRES	Matrix 36
Mr33	ADDITIVE	Mr33
2x10 min	ADDITIVE TIMING	2x10 min

FRONT LEFT	FRONT RIGHT	TREATED AREA	REAR LEFT	REAR RIGHT
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TOTAL WEIGHT 1321 /g	WEIGHT BALANCE	FRONT 49 %	REAR 51 %
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MOTOR ORCA ETS 13.5T	TIMING
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ESC ORCA ETS limiter	BATTERIES	Team Zombie 8200/Nosram 9400
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BODY Protoform P63	WING	std mid
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62 /mm	Dimension from body post to window bottom line	BODY POSITION
/	Dimension from body post to upper holder	WING SIDE PLATE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
44 /mm	Dimension from edge to surface	

**COMMENTS**

- sauced tires 20 min before the run, without heating
- heated 10 min before the run
- Body very flat in front and quite high in rear. Body posts on highest position in rear and body holes measured from top on 44mm
- Car was very fast on used tires

FRONT & REAR SUSPENSION	
<b>FRONT CASTER</b> <input checked="" type="checkbox"/> 5° <input type="checkbox"/> 4° <input type="checkbox"/> 3° Adjust with eccentric bushings	<b>REAR CASTER</b> <input type="checkbox"/> 0.5° <input type="checkbox"/> 1.5° <input checked="" type="checkbox"/> 2.5° <input type="checkbox"/> 3.5° <input type="checkbox"/> 4.5° <input type="checkbox"/> 5.5° Adjust with eccentric bushings
<b>BUMP STEER</b> 2 /mm <b>HEIGHT</b> 19 /mm <b>SHIM</b> 4 /mm	<b>TOE GAIN</b> 5 /mm <b>RIDE HEIGHT</b> 3.5 /mm RF 5.2 /mm RR 3.5 /mm
<b>RIDE HEIGHT</b> 2.5 /mm FF 5.0 /mm FR 3.0 /mm <input checked="" type="checkbox"/> SERVO SAVER <input checked="" type="checkbox"/> SERVO HORN	

FRONT SUSPENSION	FRONT HUB
<b>2.25 /deg. CAMBER</b> Left=Right <b>BODY STOP</b> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <b>FRONT BRACE</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>BULKHEAD SHIMS</b> YES <input checked="" type="checkbox"/> 3mm <input type="checkbox"/> NO <b>DRIVE SHAFT</b> 58mm <input checked="" type="checkbox"/> 59mm <input type="checkbox"/> STD. BEARING <input checked="" type="checkbox"/>	<b>SHIM</b> 1 /mm SHIM 3 /mm <b>FRONT SHOCK POSITION</b> 1 2 3 4 <b>SHIM</b> 0.5 /mm <b>DOWNSTOP</b> 5.0 /mm

REAR SUSPENSION	REAR HUB
<b>2.25 /deg. CAMBER</b> Left=Right <b>BODY POST</b> VERTICAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/> <b>REAR SHOCK POSITION</b> 1 2 3 4 <b>SHIM</b> 2.5 /mm SHIM 3.0 /mm <b>SHIM</b> 0.5 /mm <b>DOWNSTOP</b> 4.0 /mm	

FRONT TOP VIEW	REAR TOP VIEW
<b>0.5 TOE OUT</b> Left=Right <b>ACKERMANN</b> SHIM 1 /mm <b>DIFF POSITION</b> UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> <b>UPPER ARM</b> STANDARD <input checked="" type="checkbox"/> <b>OFFSET</b> STANDARD <input type="checkbox"/> -0.5mm <input checked="" type="checkbox"/> SHIM/mm <b>STEERING BRIDGE</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>TOP DECK</b> STANDARD <input type="checkbox"/> SPLITTED <input checked="" type="checkbox"/> <b>TOP DECK FLEX</b> NONE <input checked="" type="checkbox"/> BEARING <input type="checkbox"/> <b>TOP DECK CUTTING</b>	<b>2.75 TOE IN</b> Left=Right <b>SHIM</b> 2 /mm <b>DIFF POSITION</b> UP <input checked="" type="checkbox"/> DOWN <input type="checkbox"/> <b>UPPER ARM</b> STANDARD <input checked="" type="checkbox"/> <b>OFFSET</b> STANDARD <input type="checkbox"/> -0.5mm <input checked="" type="checkbox"/> SHIM/mm <b>STEERING BRIDGE</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>TOP DECK</b> 1.6mm <input type="checkbox"/> 2.0mm <input checked="" type="checkbox"/> <b>TOP DECK FLEX</b>

FRONT BOTTOM VIEW	REAR BOTTOM VIEW
<b>STEER. LOCK</b> 25 /deg. <b>STEER. SHIM</b> SIZE /mm <b>FRONT BRACE</b> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <b>SERVO HOLDER</b> FR RE <b>FRONT ARMS</b> MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/> <b>STEER. PLATE</b> STANDARD <input checked="" type="checkbox"/> +1mm <input type="checkbox"/>	<b>T-BRACE</b> ALU <input checked="" type="checkbox"/> BRASS <input type="checkbox"/> <b>MOTOR MOUNT</b> <b>CHASSIS</b> GRAPHITE <input checked="" type="checkbox"/> ALU <input type="checkbox"/> ALU FLEX <input type="checkbox"/> <b>REAR ARMS</b> MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/>