SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

XRAY X4'24

RACE	Munden training (matrix tires)
TRACK	Rcct munden
NAME	Delise Nicolas
DATE	12/11/23

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
		8.8 /sec	/	

TRACK

TRACK SURFACE		[X] CARPET	[ ] ASPHALT
TRACK LAYOUT	[X] TECHNICAL	[ ] MIXED	[ ] FAST
TRACTION	[ ] LOW	[X] MEDIUM	[ ] HIGH

TRANSMISSION

FRONT			REAR	
GEAR DIFF OIL	/cSt	[ ] FRONT SOLID AXLE	GEAR DIFF OIL	8k /cSt
PINION	38 /T	SPUR GEAR 90 /T	FINAL DRIVE RATIO	4.5

SHOCKS

FRONT		REAR
2.5-2.8	XRAY SPRINGS	2.6
450	OIL /Cst	450
	REBOUND %	
[ ] YES [ ] NO	FOAM INSERTS	[ ] YES [ ] NO
[ ] 4 HOLES [X] PSS	[ ] 1.1mm [ ] 1.2mm	[ ] 4 HOLES [X] PSS
0.8		0.8
SHOCK LENGTH 8 /mm		8 /mm SHOCK LENGTH

ANTI-ROLL BAR

1.3	THICKNESS/mm	1.2

Matrix 28 new ETS	TIRES		
	ADDITIVE		
	ADDITIVE TIMING		
	WIPE OFF TIME		
Timing:	Temp.:	TIRE WARMERS Timing:	Temp.:

FRONT LEFT [ ] FRONT RIGHT [ ] TREATED AREA REAR LEFT [ ] REAR RIGHT [ ]

TOTAL WEIGHT	/g	WEIGHT BALANCE	FRONT %	REAR %

MOTOR	Orca 17.5	TIMING	
ESC	Orca ETS	BATTERIES	
BODY	Wolverine	WING	

BODY POSITION

64 /mm Dimension from body post to window bottom line

Dimension from body post to upper holder

WING SIDE PLATE [ ] YES [ ] NO

Dimension from edge to surface /mm

TOP DECK CUTTING

X4'23	[ ] 1.6mm	[ ] 2.0mm	[ ] 1.6mm
X4'22		[ ] 2.0mm	
X4'22	[ ] 2.0mm		[ ] 1.6mm
	NONE [ ]		[ ] BEARING

COMMENTS

ETS Black Carpet

New batch of Matrix 28 tires.
Need 2 runs to make the tires work correctly.

On new tires, maybe use 3° rear toe in, to make car more predictable

FRONT & REAR SUSPENSION

FRONT CASTER [ ] 5° [X] 4° [ ] 3°
Adjust with eccentric bushings

BUMP STEER 2 /mm
HEIGHT /mm
SHIM /mm

REAR CASTER [ ] 0.5° [ ] 1.5° [X] 2.5° [ ] 3.5° [ ] 4.5° [ ] 5.5°
Adjust with eccentric bushings

2 /mm	FF	5 /mm	FR	2 /mm	[ ] SERVO SAVER [ ] SERVO HORN	TOE GAIN 1.5 /mm	2.5 /mm	RF	5.2 /mm	RR	2.5 /mm
		RIDE HEIGHT							RIDE HEIGHT		

FRONT

2 /degr. CAMBER Left=Right

BODY STOP YES [X] NO /mm

SHOCK HOLDERS SHIM 4 /mm

1.5 /mm SHIM 2 /mm

FRONT HUB [ ] MEDIUM [ ] HARD [ ] GRAPHITE [ ] ALU

SHIM /mm

SUSPENSION FLEX YES [X] NO YES [X] NO

DRIVE SHAFT [ ] 58mm [ ] 59mm [X] BEARING [ ] BLADE

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge 6.4 /mm DOWNSTOP

REAR

2 /degr. CAMBER Left=Right

BODY POST VERTICAL [ ] HORIZONT. [X]

SHOCK HOLDERS FIXED [ ] [ ] ACTIVE SHIM 4 /mm

1 /mm SHIM 2 /mm

REAR HUB [ ] MEDIUM [ ] HARD [ ] GRAPHITE [ ] ALU

SHIM /mm

SUSPENSION FLEX YES [X] NO YES [X] NO

DRIVE SHAFT [ ] 52mm [ ] 54mm [X] BEARING [ ] BLADE

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge 4 /mm DOWNSTOP

FRONT TOP VIEW REAR

1 TOE OUT Left=Right

ACKERMANN SHIM 0.5 /mm

SHORT LiPo BRASS WEIGHT YES [ ] NO YES [ ] NO

2.5 TOE IN Left=Right

DIFF POSITION [ ] UP [X] DOWN [ ] +1mm

BRASS WEIGHT FOR MOTOR MOUNT 40g 40g 10

DIFF POSITION [ ] UP [X] DOWN [X] +1mm

UPPER ARM [ ] SOFT [X] MEDIUM

STEERING BRIDGE YES [ ] NO [X]

STEERING SHIM /mm SIZE PLATE [ ] 8.0mm [ ] 7.5mm STD.

SHIM /mm

UPPER ARM [ ] SOFT [X] MEDIUM

HUB OFFSET STD. [ ] -0.5mm [ ] [X] +0.5mm SHIM/mm

HUB OFFSET STD. [ ] -0.5mm [ ] [X] +0.5mm SHIM/mm

FRONT BOTTOM VIEW REAR

STEER. LOCK 26 /degr.

T-BRACE [ ] ALU [ ] BRASS

MOTOR MOUNT

FR RE SERVO HOLDER

CHASSIS T-BRACE

FRONT ARMS [ ] MEDIUM [ ] HARD

CHASSIS [ ] GRAPHITE [X] ALU [ ] ALU 1.5mm

REAR ARMS [ ] MEDIUM [X] HARD