SET-UP SHEET

X4'24 SET-UP SHEET VER.1 ©XRAY

XRAY X4'24

RACE	Tonisport Onroad Series - West
TRACK	AMCA Apeldoorn
NAME	Roel Jongenelis
DATE	May 21, 2024

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
	0	16.822 /sec	/	

TRACK

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

TRANSMISSION

FRONT			REAR	
GEAR DIFF OIL	Solid axle /cSt	FRONT SOLID AXLE	GEAR DIFF OIL	8,000 /cSt
PINION	46 /T	SPUR GEAR 92 /T	FINAL DRIVE RATIO	3.8

SHOCKS

FRONT		REAR
2.5-2.8C	XRAY SPRINGS	2.7C
350 cst	OIL /Cst	350 cst
0	REBOUND %	0
YES NO	FOAM INSERTS	YES NO

4 HOLES 1.1mm 1.2mm PSS — 4 HOLES 1.1mm 1.2mm PSS

SHOCK LENGTH 8.5 /mm — 8.5 /mm SHOCK LENGTH

ANTI-ROLL BAR

THICKNESS/mm		THICKNESS/mm
1.2		1.2

Matrix	TIRES	Matrix
MR33 V3	ADDITIVE	MR33 V3
20	ADDITIVE TIMING	20
0	WIPE OFF TIME	0
Timing: 20 Temp.: 65	TIRE WARMERS	Timing: 20 Temp.: 65

FRONT LEFT — FRONT RIGHT — TREATED AREA — REAR LEFT — REAR RIGHT

TOTAL WEIGHT	1332 /g	WEIGHT BALANCE	F/R: 49 / 51 %

MOTOR	ORCA	TIMING	Fixed
ESC	ORCA	BATTERIES	LRP
BODY	Wolfrine 0.5	WING	Twister 0.7

BODY POSITION

/mm Dimension from body post to window bottom line

WING SIDE PLATE YES NO

Dimension from body post to upper holder

Dimension from edge to surface /mm

1.6mm 2.0mm 1.6mm

X4'23 Deck: Front '23 with bridge, Rear '23

X4'22 2.0mm

Screws: 2, 3, 4

X4'22 NONE BEARING

TOP DECK CUTTING

Setup: Tonisport Onroad Series - West AMCA Apeldoorn
Open in So Dialed App

FRONT & REAR SUSPENSION

FRONT CASTER 5° 4° 3° — Adjust with eccentric bushings

BUMP STEER 1 /mm — HEIGHT 20 /mm — SHIM 6.5 /mm

REAR CASTER 0.5° 1.5° 2.5° 3.5° 4.5° 5.5° — Adjust with eccentric bushings

2.5 /mm FF — 5.0 /mm RIDE HEIGHT — FR 2.5 /mm — SERVO SAVER — SERVO HORN

TOE GAIN 1.5 /mm — 3 /mm RF — 5.2 /mm RIDE HEIGHT — RR 3 /mm

FRONT

-1.5 /degr. CAMBER Left=Right

BODY STOP YES NO 18 /mm

SHOCK HOLDERS SHIM 2 /mm

0.5 /mm SHIM 3 /mm

FRONT HUB MEDIUM HARD GRAPHITE ALU

SHIM 0.5 /mm

SUSPENSION FLEX YES NO YES NO

DRIVE SHAFT 58mm 59mm BEARING BLADE

#107702 Chassis Droop Gauge Blocks — #107712 Chassis Droop Gauge 5.0 /mm DOWNSTOP

REAR

-2.5 /degr. CAMBER Left=Right

BODY POST VERTICAL HORIZONT.

SHOCK HOLDERS FIXED ACTIVE SHIM 2 /mm

1 /mm SHIM 3 /mm

REAR HUB MEDIUM HARD GRAPHITE ALU

SHIM 1.5 /mm

SUSPENSION FLEX YES NO YES NO

DRIVE SHAFT 52mm 54mm BEARING BLADE

#107702 Chassis Droop Gauge Blocks — #107712 Chassis Droop Gauge 4.0 /mm DOWNSTOP

FRONT TOP VIEW REAR

1 TOE OUT Left=Right

ACKERMANN SHIM 0 /mm

SHORT LiPo BRASS WEIGHT YES NO YES NO

3 TOE IN Left=Right

40g BRASS WEIGHT FOR MOTOR MOUNT 40g

DIFF POSITION UP DOWN +1mm

DIFF POSITION UP DOWN +1mm

UPPER ARM SOFT MEDIUM

STEERING BRIDGE YES NO

STEERING SHIM/mm 25 deg ... SIZE — PLATE 8.0mm STD. 7.5mm

SHIM 3 /mm

UPPER ARM SOFT MEDIUM

HUB OFFSET STD. -0.5mm +0.5mm SHIM/mm 0

HUB OFFSET STD. -0.5mm +0.5mm SHIM/mm 0

FRONT BOTTOM VIEW REAR

reset all

STEER. LOCK /degr.

T-BRACE ALU BRASS

MOTOR MOUNT

FR RF SERVO HOLDER

CHASSIS T-BRACE

FRONT ARMS MEDIUM HARD

CHASSIS GRAPHITE ALU ALU 1.5mm

REAR ARMS MEDIUM HARD

reset all

More: sodialed.com/setups