SET-UP SHEET

XB2'24 SET-UP SHEET VER. 1 ©XRAY 2023

XRAY XB2'24

RACE	Nordic Championship		
TRACK	Hverven Raceway		
NAME	Martin Skar	DATE	2024-08-10

LAPS	13	BEST LAP TIME	22,5 sec
QUALIFYING POSITION		FINAL POSITION	

TRACK

SIZE	☐ OPEN	☐ MEDIUM	☒ TIGHT
TRACTION	☐ ☐ ☐ ☐ ☐ ☐ ☒ ☐ ☐	VERY-LOW	MEDIUM / VERY-HIGH
SURFACE	☐ SMOOTH	☐ MEDIUM	☒ BUMPY
TYPE	☐ CLAY	☐ CARPET	☒ ASTRO
CONDITION	☐ BLUE GROOVE	☐ HARD PACKED	☒ DRY
	☐ DUSTY	☐ LOAMY	☐ WET

TRANSMISSION

BALL DIFF ☐ GEAR DIFF ☒ ACTIVE DIFF ☐

DIFFERENTIAL — OIL 7K cSt — 60° 90° 120°

SATELITE GEARS — COMPOSITE ☐ ☒ STEEL — GEARS 2 ☐ ☒ 4

SLIPPER 0,1 mm NUT — 2-PAD SLIPPER CLUTCH PLATES

SOLID AXLE ☐ — KIT ☐ ☒ VENTILATED

GEARING

PINION	23 T	SPUR GEAR	78 T

GEAR BOX

TYPE — FRONT LCG ☒ ☐ REAR LCG — HARDNES — KIT ☒ ☐ GRAPHITE

SHOCKS

FRONT		REAR
3	SPRINGS	1
350 cSt	OIL	300 cSt
2 HOLES ☐	ø1.6mm ☐ ø1.8mm ☒	2 HOLES ☐
HOLES	ø mm ø mm	3 HOLES
Thickness 2.0mm ☐ 2.5mm Precision ☐ KIT ☐	KIT / ALU	Thickness 2.0mm ☒ 2.5mm KIT ☐ Precision ☒
DOWNSTOP SHIM INSERT UNDER PISTON		DOWNSTOP SHIM INSERT UNDER PISTON
LENGTH 22 mm		27 mm LENGTH
UPSTOP SHIM INSERT ABOVE COLLAR		UPSTOP SHIM INSERT ABOVE COLLAR
KIT ☒ ALU ☐ 0mm -2mm -4mm	COLLAR	0mm -2mm -4mm KIT ☒ ALU ☐
☐ +4mm ☐ +2mm ☒ KIT	BALL JOINT	☒ KIT ☐ +2mm ☐ +4mm

ANTI ROLL BAR

FRONT mm — THICKNESS — REAR mm

TIRES

FRONT		REAR
Cut stagger	BRAND	Mezzo
	COMPOUND	
	INSERTS	
	WHEELS	

ELECTRONICS

MOTOR	HW 6,5T	HW XR10 Pro	SPEEDO
MOTOR TIMING	35	LRP4200	BATTERY

BODY

☒ LIGHT

TOTAL WEIGHT

/g

COMMENT

FRONT

APPLIED ◉ ☒ APPLIED — REAR

CASTER BLOCK: MEDIUM - KIT ☒, HARD ☐, GRAPHITE ☐, ALU ☐

ALU C-HUB: UP /mm, DOWN /mm

STEERING BLOCK: MEDIUM - KIT ☒, HARD ☐, GRPHITE ☐, ALU ☐

LONGER BUSHINGS: UP ☒, DOWN ☐

SHOCK TOWER: KIT ☒ ☐, 4.0mm 3.5mm

SHIM 2 /mm

CAMBER LINK LOCATION 2 1

SHIM 2 /mm

DRIVE SHAFT ☐ KIT /mm

SHIM 2 /mm

SHIM 0 /mm

STANDARD ARM

DISENGAGED ARM

SHIM 2 /mm

☒ MEDIUM - KIT, ☐ HARD, ☐ GRAPHITE, ☐ ALU

REAR UPRIGHT: ☐ HIGH ☒ LOW

#325341 ADJ. DRIVE AXLE

ARM MOUNT: 0° ☐ KIT, 0° ☒ ALU, -3° ☐ ALU, +3° ☐ ALU, 0° ☐ BRASS, TOTAL KICK-UP°

FRONT WING: YES ☐ ☒ NO — KIT ☐ ☐ OTHER

STEERING BUMP STEER SHIM 2 /mm

ACKERMANN SHIM 2 /mm

CASTER BUSHINGS: 0° ☐ 2.5° ☒ 5° ☐

KICK-UP°

ARM MOUNT 0° + CASTER BUSHING 0° = TOTAL 22° KICK-UP

Cutting line +/- from the base line.

+/- mm, Wing length /mm, SHOCK TOWER /mm

Offset wing mounting behind the rear shock tower.

WING TYPE: luch

CENTER FIN: YES ☐ ☒ NO

WING POSITION: UP ☒, MIDDLE ☐, DOWN ☐

FRONT

FRONT TOE: 1 °

OFFSET: 1 /slots

WHEELBASE: 0 /mm

ROLL CENTER: KIT ☒, ALU ☐

STEERING: PLATE KIT ☐, ALU ☒; ARMS KIT ☐, ALU ☒

OUT

EXTENSION: 1 DOT ☐, 2 DOTS ☒, 3 DOTS ☐

REAR TOE: 3 ° IN

BATTERY PLACEMENT: LONG SIDE FRONT ☐, LONG SIDE REAR ☒

SERVO POSITION 1 2

BATTERY SIZE: ☐ STD. SHORT, ☒ LOW SHORT

MOTOR PLATE: KIT ☒

OFFSET: 3 /slots

WHEELBASE: 2 /mm

UPPER BRACE: YES ☒ ☐ NO

ROLL CENTER: KIT ☐, GRAPHITE ☐, ALU ☒

SERVO BRACE: YES ☐ ☒ NO

SIDE BRACES: KIT ☒ ☐ GRAPHITE

COOLING: FRONT ☐ ☐ REAR

1 2 3 4 5 6 7 8

REAR

REAR ROLL CENTER SUSPENSION HOLDERS

RF 0.5° ☐ ☒ 1°

RR 0.5° ☐ ☒ 1°

XRAY 3°

0mm ☐ ☐ 1mm

3° ☒ KIT 1° ☐

Rasing the suspension holders with shims.

#323326 ALU REAR LOWER SUSPENSION HOLDER 1° - REAR

XRAY 1°

0mm ☐ ☐ 1mm

Rasing the suspension holders with shims.

FRONT CAMBER: 1,5 /°

GLUING SIDEWALL: YES ☐ ☐ NO

FRONT ARM: MEDIUM ☒, HARD ☐, GRAPHITE ☐

RIDE HEIGHT 17 /mm

RIDE HEIGHT #107721 GAUGE

DIFF HEIGHT: 2 /°

17 /mm RIDE HEIGHT

REAR CAMBER

CUTTING PINS: IN ☐ ☐ OUT, NO ☒ ☒ NO

REAR ARM: MEDIUM ☒, HARD ☐, GRAPHITE ☐

SERVO WEIGHT: STANDARD ☐, LOW PROFILE ☒

ARM MOUNT BALANCE #293085 HUDY Pure Tungsten Weight - 10g.

10 /g

LOWER ECCENTRIC SHOCK BALL

FRONT ☒ ☐ REAR — FRONT ☒ ☐ REAR

BALANCE 13 /g

BALANCE 30 /g

BALANCE 35 /g

BALANCE /g

BALANCE /g

ARM SHIM 0 /mm

CHASSIS SIZE: ☐ SHORT, ☒ MID-SIZE, ☐ LONG

THICKNESS: ☒ 2.5mm KIT, ☐ 2.0mm

ELECTRONICS PLATE: NO ☐ GRAPHITE ☐ WEIGHT ◉