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		BEST LAP TIME	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 ____ 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
2	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) ____ mm		DOWNSTOP SHIM (INSERT UNDER PISTON) ____ mm
LENGTH 22 mm		27 mm LENGTH
UPSTOP SHIM (INSERT ABOVE COLLAR) ____ mm		UPSTOP SHIM (INSERT ABOVE COLLAR) ____ mm
KIT ☒ ALU ☐ — 0mm ☐ -2mm ☐ -4mm ☐	COLLAR	0mm ☐ -2mm ☐ -4mm ☐ — KIT ☒ ALU ☐
☐ +4mm ☐ +2mm ☒ KIT	BALL JOINT	☒ KIT ☐ +2mm ☐ +4mm

ANTI ROLL BAR

FRONT		REAR
____ mm	THICKNESS	____ mm

TIRES

FRONT		REAR
	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 1 /mm — CAMBER LINK LOCATION

SHIM 0 /mm — MEDIUM - KIT ☒ / HARD ☐ / GRAPHITE ☐ / ALU ☐

DRIVE SHAFT ☐ KIT /mm — SHIM 2 /mm

SHIM 0 /mm

REAR UPRIGHT — HIGH ☐ / LOW ☒

STANDARD ARM — DISENGAGED ARM

#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 ° — OUT

OFFSET: 1 /slots

WHEELBASE: 2 /mm

ROLL CENTER: KIT ☒ / ALU ☐

STEERING: PLATE ☐ KIT ☒ ALU — ARMS ☐ KIT ☒ ALU

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

SERVO POSITION

REAR TOE: 3 ° — IN

OFFSET: 3 /slots

WHEELBASE: 0 /mm

MOTOR PLATE: KIT ☒

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

BATTERY SIZE: STD. SHORT ☐ / LOW SHORT ☒

UPPER BRACE: YES ☒ ☐ NO

ROLL CENTER: KIT ☐ / GRAPHITE ☐ / ALU ☒

SERVO BRACE: YES ☐ ☒ NO

SIDE BRACES: KIT ☒ ☐ GRAPHITE

1 2 3 4 5 6 7 8

COOLING: FRONT ☐ ☐ REAR

REAR

REAR ROLL CENTER SUSPENSION HOLDERS

RF 0.5° ☐ ☐ 1° — 0mm ☐ ☐ 1mm

RR 0.5° ☐ ☐ 1° — XRAY 3° — 0mm ☐ ☐ 1mm

3° ☐ 1° KIT

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 ☐

DIFF HEIGHT: 2 /°

REAR CAMBER

CUTTING PINS: IN ☐ ☐ OUT — NO ☒ ☒ NO

REAR ARM: MEDIUM ☒ / HARD ☐ / GRAPHITE ☐

RIDE HEIGHT 17 /mm — RIDE HEIGHT GAUGE #107721 — 17 /mm RIDE HEIGHT

SERVO WEIGHT: STANDARD ☐ / LOW PROFILE ☒

LOWER ECCENTRIC SHOCK BALL — FRONT ☒ ☐ REAR — FRONT ☒ ☐ REAR

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

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 ◉