SET-UP SHEET

XB2'24 SET-UP SHEET VER. 1 ©XRAY 2023

XRAY XB2'24

RACE	Formula Finals		
TRACK	Telford		
NAME	Ryan Clarke	DATE	2024-09-10

LAPS		BEST LAP TIME	22.90 sec
QUALIFYING POSITION	A2	FINAL POSITION	A2

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 20k 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

TYPE	GEAR BOX	HARDNES
FRONT LCG ☒ ☐ REAR LCG		KIT ☒ ☐ GRAPHITE

FRONT	SHOCKS	REAR
4 Dot	SPRINGS	3 Dot
550 cSt	OIL	500 cSt
2 HOLES ☒	☐ ø1.6mm ☐ ☒ ø1.8mm	2 HOLES ☒
HOLES	ø ____ mm ø 2.0 mm	HOLES
Thickness 2.0mm ☐ ☒ 2.5mm Precision ☐ ☒ KIT	KIT ☒ ALU ☐	Thickness 2.0mm ☐ ☒ 2.5mm KIT ☒ ☐ Precision
DOWNSTOP SHIM INSERT UNDER PISTON	____ mm ____ mm	DOWNSTOP SHIM INSERT UNDER PISTON
LENGTH 22 mm	mm 27	LENGTH
UPSTOP SHIM INSERT ABOVE COLLAR 1 mm	mm 2	UPSTOP SHIM INSERT ABOVE COLLAR
KIT ☒ ALU ☐ 0mm ☐ -2mm ☐ -4mm	COLLAR	0mm ☐ -2mm ☒ -4mm ☐ KIT ☒ ALU ☐
☐ +4mm ☐ +2mm ☒ KIT	BALL JOINT	☐ KIT ☒ +2mm ☐ +4mm

FRONT	ANTI ROLL BAR	REAR
1.2 mm	THICKNESS	1.4 mm

FRONT	TIRES	REAR
Stagger	BRAND	Mezzo
Yellow	COMPOUND	Yellow
N/A	INSERTS	Tubby
Xray Hard	WHEELS	Xray Hard

ELECTRONICS

MOTOR	LRP 6.5t	LRP Flow X	SPEEDO
MOTOR TIMING	0 Insert	LRP 4200	BATTERY

BODY	TOTAL WEIGHT
Carpet ☐ LIGHT	/g

COMMENT

FRONT

APPLIED ◉ ☒ APPLIED — REAR

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

LONGER BUSHINGS: UP ☐ DOWN ☒

SHOCK TOWER: KIT ☒ ☐ 4.0mm 3.5mm

ALU C-HUB: UP /mm DOWN /mm

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

CAMBER LINK LOCATION

SHIM 2 /mm

SHIM 2 /mm — MEDIUM - KIT ☐ HARD ☒ GRAPHITE ☐ ALU ☐

DRIVE SHAFT: KIT ☐ /mm — SHIM 2 /mm

SHIM 2 /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 27 KICK-UP°

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

STEERING BUMP STEER — SHIM 2 /mm

ACKERMANN SHIM 1 /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: LUSH

CENTER FIN: YES ☐ ☒ NO

WING POSITION: UP ☐ MIDDLE ☒ DOWN ☐

FRONT TOE 1 ° — OUT

OFFSET 2 /slots

WHEELBASE 0 /mm

ROLL CENTER: KIT ☒ ALU ☐

EXTENSION: 1 DOT ☐ 2 DOTS ☒ 3 DOTS ☐

REAR TOE 2 ° — IN

OFFSET 3 /slots

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

WHEELBASE 2 /mm

MOTOR PLATE: KIT ☒

SERVO POSITION

BATTERY SIZE: ☐ STD. SHORT ☐ LOW SHORT

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

UPPER BRACE: YES ☒ ☐ NO

ROLL CENTER: KIT ☐ GRAPHITE ☐ ALU ☒

SERVO BRACE: YES ☒ ☐ NO

SIDE BRACES: KIT ☒ ☐ GRAPHITE

COOLING: FRONT ☐ ☐ REAR

REAR

REAR ROLL CENTER SUSPENSION HOLDERS

RF 0.5° ☒ ☐ 1° — 0mm ☒ ☐ 1mm

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

Rasing the suspension holders with shims.

3° ☐ 1° KIT

#323326 ALU REAR LOWER SUSPENSION HOLDER 1° - REAR

XRAY 1° — 0mm ☐ ☐ 1mm

Rasing the suspension holders with shims.

FRONT CAMBER 1 /°

GLUING SIDEWALL: YES ☒ ☐ NO

FRONT ARM: MEDIUM ☐ HARD ☒ GRAPHITE ☐

DIFF HEIGHT

RIDE HEIGHT 15 /mm — RIDE HEIGHT #107721 GAUGE — 16 /mm RIDE HEIGHT

1 /° REAR CAMBER

CUTTING PINS: IN ☐ ☐ OUT NO ☐ ☐ NO

REAR ARM: MEDIUM ☐ HARD ☒ GRAPHITE ☐

SERVO WEIGHT: STANDARD ☐ LOW PROFILE ☒

LOWER ECCENTRIC SHOCK BALL — FRONT ☐ ☐ REAR

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

BALANCE 13 /g — BALANCE 30 /g — BALANCE 60 /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 ◉