SET-UP SHEET

SET-UP VER.01 ©XRAY

XRAY XB8E'23 PIVOT BALL

RACE	Visions 2023		
TRACK			
NAME	Ethan Mackanick	DATE	

TEMPERATURE AIR	88F	TEMPERATURE TRACK	

LAPS	FINAL POSITION	BEST LAPTIME /sec	RACE LENGTH /min

TRACKS

SIZE	☐ OPEN	☒ MEDIUM	☐ TIGHT
TRACTION	☐ LOW	☒ MEDIUM	☐ HIGH
SURFACE	☒ SMOOTH	☐ MEDIUM	☐ BUMPY
TYPE	☒ HARD PACKED	☐ SOFT DIRT	☐ CLAY
	☐ BLUE GROVE	☐ ASTRO TURF	☐ GRASS
CONDITION	☒ DRY	☐ DUSTY	☐ WET ☐ MUD

DIFFERENTIAL

	FRONT	CENTER	REAR	
CASE MATERIAL				CASE MATERIAL
OIL	10	12	5	OIL
CROWN GEAR	46/14		46/14	CROWN GEAR

GEARING

MOTOR PINION	18 /T	46 /T	SPUR GEAR

SHOCKS

FRONT		REAR
zero	TYPE	rebound
4	SPRINGS	3
soft	MEMBRANE	soft
650 /cSt	OIL	500 /cSt

PISTONS

FRONT		REAR
☐ 6 HOLES	1.1 mm ☐	☐ 6 HOLES
☒ 8 HOLES	1.2 mm ☐	☐ 8 HOLES
☐ 10 HOLES	1.3 mm ☐	☐ 10 HOLES
5x1.2 3x1.3	1.4 mm ☐ OTHER	1.35

VALVE PISTONS

FRONT		REAR
5+2 HOLES	1.5 mm	5+2 HOLES
6+2 HOLES	1.3 mm	6+2 HOLES
	1.4 mm	
8+2 HOLES	1.2 mm	8+2 HOLES
	1.3 mm	

ANTI-ROLL BAR

FRONT	THICKNESS	REAR
1.8 /mm		2.0 /mm

TIRES

FRONT		REAR
JC	BRAND	
JC	COMPOUND	
JC	INSERTS	
JC	WHEELS	

ELECTRONICS

MOTOR	Tekin 1900
SPEEDO	Hobbywing xr8 pro
BATTERY TYPE	Factory Xtreme batteries middle shorty

☐ STANDARD BATTERY ☐ SHORT BATTERY — FRONT

☐ STANDARD BATTERY ☐ SHORT BATTERY — REAR

BODY	OTHER	TOTAL WEIGHT
☐ EAZY ☒ EAZY LIGHT		/g

FRONT / REAR

STEERING BLOCK: ☐ MEDIUM ☒ HARD ☐ GRAPHITE

UPPER ARM SHIM /mm: 0 / 1 / 1.5 / 2 / .5

UPPER ARM WING: ☒ NONE ☐ LEXAN ☐ CARBON

FRONT SHOCK TOWERS: ☒ ALU ☐ GRAPHITE — REAR: ☐ GRAPHITE ☒ ALU

UPPER SHOCK POSITION

ANTI-ROLL BAR: ☐ M ☐ H ☐ XH ☐ G — ☐ FLAT ☒ LSM

PIVOT BALLS: UP ☐ STEEL ☒ ALU; DOWN ☐ STEEL ☒ ALU

OFFSET: ☒ 0 ☐ +1 ☐ +2

PIVOT NUT: ☒ ALU ☐ BRASS

FRONT LOWER SHOCK POSITION

REAR ROLL CENTER

UPRIGHT ROLL CENTER

LOWER ROLL CENTER

UPRIGHT: ☐ MEDIUM ☒ HARD ☐ GRAPHITE ☐ ALU

OFFSET: ☐ 0 ☐ +1 ☒ +2

FRONT DROOP — MEASURE UNDER WHEEL AXLE — #107717 GAUGE

LOWER ARM SHIM: ☐ 0 ☒ 1mm ☐ 2mm

#107703 SUPPORT BLOCKS

#107717 GAUGE — REAR DROOP — MEASURE UNDER WHEEL AXLE

FRONT / REAR

FRONT: 1° ☒ ☐ 0.5°

UPPER ROLL CENTER: 1° ☒ ☐ 0.5°

INCREASE DONFORCE: YES ☐ WICKERBILL PLATE ☒ NO

REAR WING: ☐ COMPOSITE ☒ LEXAN OTHER — ☐ FRONT ☐ MIDDLE ☐ REAR

Ø CUT OUT HOLES — REDUCE DONFORCE

CASTER SHIM: ☐ 0 ☒ 1.0 ☐ 1.0 ☐ 2.0 — UPPER ARM POSITION

GRAPHITE BRACE: ☒ WITHOUT ☐ 1-PIECE ☐ 2-PIECES

WING HOLDER: ☒ FRONT ☐ REAR

STEERING BLOCK — CENTER — TRAILING — FF — FR

BUMP STEER SHIM: STEERING PLATE /mm; STEERING BLOCK /mm — SHIMS PLACE ALWAYS UNDER

WHEELBASE SHIM POSITION: ☐ 0mm ☒ 2mm ☐ 4mm — SHIMS BEHIND FRONT ARM

WHEELBASE SHIM POSITION: ☐ 0mm ☒ 2mm ☐ 4mm — SHIMS IN FRONT OF REAR ARM

RF — 1° ☒ ☐ 0.5°

FF — 1° ☒ ☐ 0.5°

FR — 1° ☒ ☐ 0.5°

RR — 1° ☒ ☐ 0.5°

FRONT LOWER ROLL CENTER REAR

ECCENTRIC BUSHINGS

FRONT / REAR

FRONT TOE OUT

STEERING PLATE: 1 DOTS ☐ ☒ 2 DOTS

SIDE GUARD: ☒ SOFT ☐ MEDIUM ☐ GRAPHITE

WHEELBASE: ☐ 0mm ☐ 1mm ☒ 2mm ☐ 3mm ☐ 4mm — SHIMS IN FRONT OF UPRIGHT

REAR TOE IN

#355215 ADJ. DRIVE AXLE

SERVO SAVER: ☒ TIGHT ☐ MEDIUM ☐ SOFT

GRAPHITE BRACE: YES ☐ ☒ NO

FRONT DRIVE SHAFT: ☒ CVD ☐ UNIVERSAL — LENGTH /mm

ACKERMANN POSITION 4 3 2 1

REAR DRIVE SHAFT: ☒ CVD ☐ UNIVERSAL — LENGTH /mm

FRONT ☒ BULKHEADS ☐ REAR

TOP DECK: ☒ COMPOSITE ☐ GRAPHITE

DRIVE SHAFT: ☒ CVD ☐ DOGBONE

DRIVE SHAFT: ☒ CVD ☐ DOGBONE

FRONT / REAR

FRONT CAMBER — LENGTH mm

108 /mm — FULL TRAVEL SHOCKS LENGTH — 127 /mm

REAR CAMBER — LENGTH /mm

UPPER ARM: ☐ SOFT ☐ MEDIUM ☒ GRAPHITE

LOWER ARM: ☐ SOFT ☐ MEDIUM ☒ GRAPHITE

FRONT DIFF HEIGHT

REAR DIFF HEIGHT

RIDE HEIGHT 23 /mm

#107717 RIDE HEIGHT GAUGE

28 /mm RIDE HEIGHT