SET-UP SHEET

SET-UP VER.01 ©XRAY

XRAY XB8E'25 PIVOT BALL

RACE	Base setup		
TRACK	Adobe mountain RC speedway		
NAME	Chris Friedenreich	DATE	2/23/26

TEMPERATURE AIR	TEMPERATURE TRACK
65-80	65-80

LAPS	FINAL POSITION	BEST LAPTIME	RACE LENGTH
		/sec	/min

TRACKS

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

DIFFERENTIAL

	FRONT	CENTER	REAR	
CASE MATERIAL	Kit	Kit	Kit	CASE MATERIAL
OIL	10k	7k	3K	OIL
CROWN GEAR	Kit		Kit	CROWN GEAR
PINION	13 [X] [ ] 14		13 [X] [ ] 14	PINION

GEARING

MOTOR PINION	SPUR GEAR			
16 /T	Kit /T	[X] COMP.	[ ] GRAPHITE	[ ] STEEL

SHOCKS

FRONT		REAR
Sota	TYPE	Sota
Kit	SPRINGS	Kit
Emulsion	MEMBRANE	Emulsion
550 /cSt	OIL	450 /cSt
[ ] 6 HOLES	1.1 mm	[ ] 6 HOLES
[ ] 8 HOLES	1.2 mm	[ ] 8 HOLES
[ ] 10 HOLES	1.3 mm	[ ] 10 HOLES
1 grub screw	1.4 mm	1 grub screw
	OTHER	
	VALVE	
5+2 HOLES	1.5 mm	5+2 HOLES
6+2 HOLES	1.3 mm	6+2 HOLES
8+2 HOLES	1.4 mm	8+2 HOLES
	1.2 mm	
	1.3 mm	

ANTI-ROLL BAR

FRONT	THICKNESS	REAR
2.0 /mm		2.2 /mm

TIRES

FRONT		REAR
TZO	BRAND	TZO
	COMPOUND	
SSLW-S	INSERTS	SSLW-S
TZO	WHEELS	TZO

ELECTRONICS

MOTOR	HW 2200kv
SPEEDO	HW XR8 Pro
BATTERY TYPE	Gens Ace 7000 mid size

[X] MID-SIZE BATTERY
FRONT [ ] SHORT BATTERY
[X] MID-SIZE BATTERY
[ ] SHORT BATTERY REAR

BODY	OTHER	TOTAL WEIGHT
[X] EAZY [ ] EAZY LIGHT		/g

1

FRONT

STEERING BLOCK: [ ] MEDIUM [ ] HARD [X] GRAPHITE

UPPER ARM SHIM /mm: 0 [X] 1 1.5 2

UPPER ARM WING: [ ] NONE [ ] LEXAN [X] CARBON

PIVOT BALLS: UP STEEL [ ] [X] ALU; DOWN STEEL [X] [ ] ALU

FRONT [X] OFFSET: [X] 0 [ ] +1 [ ] +2 [ ] +3 [ ] +4

PIVOT NUT: [ ] ALU [X] BRASS

LOWER ARM SHIM /mm: [X] 0 [ ] 1 [ ] 2

FRONT DROOP

MEASURE UNDER WHEEL AXLE — #107717 GAUGE

UPPER SHOCK POSITION

FRONT LOWER SHOCK POSITION

HUDY #107703 SUPPORT BLOCKS

REAR

ANTI-ROLL BAR

UPRIGHT: [ ] MEDIUM [X] HARD [ ] GRAPHITE

ALU #350908

STD. / 2 DOTS

ALU #350912

STD. / 2 DOTS

[ ] M [X] H [ ] XH [ ] G

[X] FLAT [ ] LSM

BALL-JOINTS: [ ] GRAPHITE [ ] KIT

REAR [X] OFFSET: [X] 0 [ ] +1 [ ] +2 [ ] +3 [ ] +4

#107717 GAUGE

REAR DROOP

MEASURE UNDER WHEEL AXLE

FRONT

FRONT: [X] 1° [ ] 0.5°

UPPER ROLL CENTER: [X] 1° [ ] 0.5°

INCREASE DONFORCE: YES [ ] WICKERBILL PLATE [ ] NO

CASTER SHIM: [X] 0 [X] 1.0 [X] 1.0 [X] 2.0

UPPER ARM POSITION

STEERING BLOCK

CENTER

TRAILING

FF

FR

BUMP STEER SHIM

STER. PLATE /mm

STER. BLOCK /mm

SHIMS PLACE ALWAYS UNDER

WHEELBASE SHIM POSITION: 0mm [X] 2mm 4mm

SHIMS BEHIND FRONT ARM

FF: [X] 1° [ ] 0.5°

FR: [X] 1° [ ] 0.5°

REAR

REAR WING: [ ] COMPOSITE [ ] LEXAN OTHER

FRONT MIDDLE REAR

Ø 6 CUT OUT HOLES — REDUCE DONFORCE

CARBON BRACE: [X] WITHOUT [ ] 1-PIECE [ ] 2-PIECES

WHEELBASE SHIM POSITION: 0mm [X] 2mm 4mm

SHIMS IN FRONT OF REAR ARM

RF: 1° [ ] [X] 0.5°

RR: 1° [X] [ ] 0.5°

FRONT LOWER ROLL CENTER REAR

ECCENTRIC BUSHINGS

FRONT

-4 FRONT TOE OUT

STEERING PLATE: [X] CARBON [ ] ALU

1 DOT [ ] 2 DOTS [ ] 3 DOTS [X]

CHASSIS: [X] KIT [ ] LONG +4mm

WHEELBASE: 0mm [X] 1mm 2mm 3mm 4mm

SHIMS IN FRONT OF UPRIGHT

3.5 REAR TOE IN

FRONT DRIVE SHAFT: CVD [X] UNIVERSAL [ ] LENGTH /mm

ACKERMANN POSITION 4 3 2 1

SERVO SAVER: [X] TIGHT [ ] MEDIUM [ ] SOFT

SIDE GUARD: [X] SOFT [ ] MEDIUM [ ] CARBON

REAR DRIVE SHAFT: CVD [X] UNIVERSAL [ ] LENGTH

TOP DECK: [X] COMPOSITE [ ] CARBON

15g

DRIVE SHAFT: CVD [X] DOGBONE [ ]

DRIVE SHAFT: CVD [X] DOGBONE [ ]

FRONT

Kit FRONT CAMBER

LENGTH mm

105 /mm FULL TRAVEL SHOCKS LENGTH 125 /mm

REAR CAMBER -2

LENGTH /mm

UPPER ARM: [ ] SOFT [X] MEDIUM [ ] GRAPHITE

LOWER ARM: [ ] SOFT [X] MEDIUM [ ] GRAPHITE

FRONT DIFF HEIGHT

REAR DIFF HEIGHT

RIDE HEIGHT 25 /mm

#107717 RIDE HEIGHT GAUGE

27 /mm RIDE HEIGHT