

# SET-UP SHEET

SET-UP VER.01 ©XRAY

# XRAY XB8E'24 PIVOT BALL

RACE	'24 ROAR Electric Off-Road National Ch		
TRACK	G's RC Raceway (Shippensburg, Pa)		
NAME	Shaun Duffy	DATE	09/01/24
TEMPERATURE AIR	80	TEMPERATURE TRACK	80
LAPS	FINAL POSITION	BEST LAPTIME	RACE LENGTH
		/sec	/min
<b>TRACKS</b>			
SIZE	<input type="checkbox"/> OPEN	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> TIGHT
TRACTION	<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> HIGH
SURFACE	<input type="checkbox"/> SMOOTH	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> BUMPY
TYPE	<input checked="" type="checkbox"/> HARD PACKED	<input type="checkbox"/> SOFT DIRT	<input type="checkbox"/> CLAY
	<input checked="" type="checkbox"/> BLUE GROVE	<input type="checkbox"/> ASTRO TURF	<input type="checkbox"/> GRASS
CONDITION	<input type="checkbox"/> DRY	<input type="checkbox"/> DUSTY	<input checked="" type="checkbox"/> WET
			<input type="checkbox"/> MUD
<b>DIFFERENTIAL</b>			
CASE MATERIAL	FRONT kit	CENTER kit	REAR kit
OIL	10	20	7
CROWN GEAR	kit		kit
<b>GEARING</b>			
MOTOR PINION	16	/T	46
			SPUR GEAR
<b>SHOCKS</b>			
FRONT Emulsion	TYPE	REAR Emulsion	
4 dot	SPRINGS	HB Blue	
none	MEMBRANE	none	
600 /cSt	OIL	450 /cSt	
<input type="checkbox"/> 6 HOLES	PISTONS	<input type="checkbox"/> 6 HOLES	
<input checked="" type="checkbox"/> 8 HOLES	1.1 mm	<input type="checkbox"/> 8 HOLES	
<input type="checkbox"/> 10 HOLES	1.2 mm	<input type="checkbox"/> 10 HOLES	
<input type="checkbox"/> 5 x 1.2 + 1.3	1.3 mm	<input type="checkbox"/> 10 HOLES	
	1.4 mm		
	OTHER	1.35	
<b>VALVE PISTONS</b>			
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		
<b>ANTI-ROLL BAR</b>			
FRONT 2.0 /mm	THICKNESS	REAR 2.2 /mm	
<b>TIRES</b>			
FRONT Proline Slidelock	BRAND	REAR Proline Slidelock	
S4	COMPOUND	S4	
	INSERTS		
	WHEELS		
<b>ELECTRONICS</b>			
MOTOR	Team Exalt 2050kv		
SPEEDO			
BATTERY TYPE			
<input type="checkbox"/> STANDARD BATTERY <input checked="" type="checkbox"/> SHORT BATTERY			
<input type="checkbox"/> STANDARD BATTERY <input type="checkbox"/> SHORT BATTERY			
<b>BODY</b>			
EASY	EASY LIGHT	OTHER	TOTAL WEIGHT
<input type="checkbox"/>	<input checked="" type="checkbox"/>		/g

STEERING BLOCK

MEDIUM ☐

HARD ☐

GRAPHITE ☒

UPPER ARM SHIM/mm

0 ☒ 1 ☐ 1.5 ☐ 2 ☐

UPPER ARM WING

NONE ☐

LEXAN ☐

CARBON ☒

PIVOT BALLS

UP STEEL ☐ ALU ☒

DOWN STEEL ☐ ALU ☒

OFFSET

0 ☐ +1 ☒ +2 ☐

PIVOT NUT

ALU ☒

BRASS ☐

FRONT DROOP

MEASURE UNDER WHEEL AXLE #107717 GAUGE

LOWER ARM SHIM

0 ☒ 1mm ☐ 2mm ☐

SHOCK TOWERS

FRONT ALU ☐ CARBON ☐

REAR ALU ☐

UPPER SHOCK POSITION

FRONT LOWER SHOCK POSITION

FRONT LOWER SHOCK POSITION

2 1

UPRIGHT ROLL CENTER

1 2 3

UPRIGHT LOWER ROLL CENTER

3 0 2 1

REAR DROOP

MEASURE UNDER WHEEL AXLE #107717 GAUGE

ANTI-ROLL BAR

1 2

UPRIGHT

MEDIUM ☐

HARD ☐

GRAPHITE ☐

ALU ☒

FLAT ☒

LSM ☐

STD. ☒

2 DOTS ☐

OFFSET

0 ☐ +1 ☐ +2 ☒

FRONT

UPPER ROLL CENTER

1° ☒ 0.5° ☐

CASTER SHIM

0 1.0 1.0 2.0

UPPER ARM POSITION

BUMP STEER SHIM

STEERING PLATE 0 /mm

STEERING BLOCK 0 /mm

SHIMS PLACE ALWAYS UNDER

WHEELBASE SHIM POSITION

0mm 2mm 4mm

SHIMS BEHIND FRONT ARM

FRONT LOWER ROLL CENTER

1° ☒ 0.5° ☐

REAR

REAR WING

COMPOSITE ☐

LEXAN ☒

OTHER ☐

CUT OUT HOLES

WITHOUT ☒

1-PIECE ☐

2-PIECES ☐

GRAPHITE BRACE

FRONT ☒

MIDDLE ☐

REAR ☐

WING HOLDER

FRONT ☒

REAR ☐

WHEELBASE SHIM POSITION

0mm 2mm 4mm

SHIMS IN FRONT OF REAR ARM

REAR LOWER ROLL CENTER

1° ☒ 0.5° ☐

FRONT TOE OUT

4 3 2 1

STEERING PLATE

1 DOTS ☐ 2 DOTS ☒

CHASSIS

KIT ☒

LONG +4mm ☐

WHEELBASE

0mm 1mm 2mm 3mm 4mm

SHIMS IN FRONT OF UPRIGHT

REAR TOE IN

4 3 2 1

SERVO SAVER

TIGHT ☒

MEDIUM ☐

SOFT ☐

SIDE GUARD

SOFT ☐

MEDIUM ☐

CARBON ☒

GRAPHITE BRACE

YES ☐

NO ☒

FRONT DRIVE SHAFT

CVD ☐

UNIVERSAL ☒

LENGTH /mm

ACKERMANN POSITION

4 3 2 1

FRONT BULKHEADS

FRONT ☐

REAR ☐

TOP DECK

COMPOSITE ☒

CARBON ☐

DRIVE SHAFT

CVD ☒

DOGBONE ☐

REAR DRIVE SHAFT

CVD ☐

UNIVERSAL ☒

LENGTH /mm

FRONT CAMBER

108 /mm

FULL TRAVEL SHOCKS LENGTH

127 /mm

REAR CAMBER

2

UPPER ARM

SOFT ☐

MEDIUM ☐

GRAPHITE ☒

LOWER ARM

SOFT ☐

MEDIUM ☐

GRAPHITE ☒

FRONT DIFF HEIGHT

0 ☒ 1 ☐ 2 ☐

REAR DIFF HEIGHT

0 ☒ 1 ☐ 2 ☐

RIDE HEIGHT

24 /mm

RIDE HEIGHT

27 /mm

Shorty mounts in middle of tray.