

SET-UP VER.01 ©XRAY

**XRAY XB8E'24 PIVOT BALL**

RACE	NXC GP Warmup		
TRACK	Hilleroed RC Racing		
NAME	Hampus Berg	DATE	2024-05-03
TEMPERATURE AIR	15	TEMPERATURE TRACK	
LAPS	FINAL POSITION	BEST LAPTIME	RACE LENGTH
	2	/sec	/min
TRACKS			
SIZE	<input type="checkbox"/> OPEN	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> TIGHT
TRACTION	<input type="checkbox"/> LOW	<input type="checkbox"/> MEDIUM	<input checked="" type="checkbox"/> HIGH
SURFACE	<input type="checkbox"/> SMOOTH	<input type="checkbox"/> MEDIUM	<input checked="" type="checkbox"/> BUMPY
TYPE	<input checked="" type="checkbox"/> HARD PACKED	<input type="checkbox"/> SOFT DIRT	<input checked="" type="checkbox"/> CLAY
	<input type="checkbox"/> BLUE GROVE	<input type="checkbox"/> ASTRO TURF	<input type="checkbox"/> GRASS
CONDITION	<input checked="" type="checkbox"/> DRY	<input type="checkbox"/> DUSTY	<input type="checkbox"/> WET
			<input type="checkbox"/> MUD

DIFFERENTIAL					
FRONT		CENTER	REAR		
CASE MATERIAL	STD	STD	STD	CASE MATERIAL	
OIL	8	15	4	OIL	
CROWN GEAR	46/13		46/13		CROWN GEAR

GEARING			
MOTOR PINION	16 /T	46 /T	SPUR GEAR

FRONT	SHOCKS	REAR
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Emulsion</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">4 dot</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">O-ring</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">500</div> <div style="text-align: right; font-size: small;">/St</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">TYPE</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">SPRINGS</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">MEMBRANE</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">OIL</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">PISTONS</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">OTHER</div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Emulsion</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">3 dot</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">O-ring</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">450</div> <div style="text-align: right; font-size: small;">/St</div>
<div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <div style="margin-left: 10px;">6 HOLES</div> <input type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <div style="margin-left: 10px;">8 HOLES</div> <input checked="" type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <div style="margin-left: 10px;">10 HOLES</div> <input type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; width: 150px; height: 40px; flex-grow: 1;"></div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <div style="margin-left: 10px;">1.1 mm</div> <input type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <div style="margin-left: 10px;">1.2 mm</div> <input type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <div style="margin-left: 10px;">1.3 mm</div> <input checked="" type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <div style="margin-left: 10px;">1.4 mm</div> <input type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="border: 1px solid black; width: 150px; height: 40px; flex-grow: 1;"></div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <input type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <input type="checkbox"/> <input type="checkbox"/> </div>
<div style="border: 1px solid black; padding: 5px; display: inline-block;">VALVE PISTONS</div>		
<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">5 + 2 HOLES</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">6 + 2 HOLES</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">8 + 2 HOLES</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">1.5 mm</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">1.3 mm</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">1.4 mm</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">1.2 mm</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">1.3 mm</div> <div style="border: 1px solid black; width: 30px; height: 30px; flex-grow: 1;"></div> </div>	<div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">5 + 2 HOLES</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">6 + 2 HOLES</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="margin-right: 10px;">8 + 2 HOLES</div> </div>

FRONT	ANTI-ROLL BAR	REAR
2,2 /mm	 THICKNESS	2,5 /mm

FRONT		TIRES		REAR
Matrix	BRAND COMPOUND INSERTS WHEELS	Blackholes		
CS		CS		
Red		Red		

ELECTRONICS	
MOTOR	
SPEEDO	
BATTERY TYPE	

☐

STANDARD BATTERY

STANDARD BATTERY

✗

SHORT BATTERY

FRONT
REAR

SHORT BATTERY

□

BODY		OTHER	TOTAL WEIGHT
EAZY	EAZY LIGHT		
<input type="checkbox"/>	<input checked="" type="checkbox"/>		/g

**FRONT**

**STEERING BLOCK**

MEDIUM	<input type="checkbox"/>
HARD	<input type="checkbox"/>
GRAPHITE	<input checked="" type="checkbox"/>

**UPPER ARM SHIM /mm**

<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1	1.5	2	

**SHOCK TOWERS**

FRONT		REAR	
ALU	<input checked="" type="checkbox"/>	CARBON	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	ALU	<input type="checkbox"/>

**UPPER ARM WING**

NONE	<input checked="" type="checkbox"/>
LEXAN	<input type="checkbox"/>
CARBON	<input type="checkbox"/>

**PIVOT BALLS**

	UP	STEEL	<input checked="" type="checkbox"/>	ALU
	DOWN	STEEL	<input type="checkbox"/>	ALU

**OFFSET**

0	+1	+2
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**PIVOT NUT**

ALU	<input checked="" type="checkbox"/>
BRASS	<input type="checkbox"/>

**FRONT DROP**

+1
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**FRONT LOWER SHOCK POSITION**

2	1
<input checked="" type="checkbox"/>	<input type="checkbox"/>

**LOWER ARM SHIM**

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0	1mm	2mm

**REAR DROP**

-5
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**UPRIGHT**

MEDIUM	<input type="checkbox"/>
HARD	<input checked="" type="checkbox"/>
GRAPHITE	<input type="checkbox"/>
ALU	<input type="checkbox"/>

**ANTI-ROLL BAR**

1	2
<input checked="" type="checkbox"/>	<input type="checkbox"/>

**FLAT**

<input checked="" type="checkbox"/>
-------------------------------------

**LSM**

<input type="checkbox"/>
--------------------------

**STD.**

<input type="checkbox"/>
--------------------------

**2 DOTS**

<input type="checkbox"/>
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**REAR ROLL CENTER**

1	2	3
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**UPRIGHT ROLL CENTER**

1	2	3
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**UPRIGHT LOWER ROLL CENTER**

1	2	3
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**MEASURE UNDER WHEEL AXLE**

**#107717 GAUGE**

**#107703 SUPPORT BLOCKS**

**#107717 GAUGE**

**MEASURE UNDER WHEEL AXLE**

**FRONT**

FRONT  
1° ☒ 0.5°

UPPER ROLL CENTER  
1° ☒ 0.5°

STEERING BLOCK

CENTER

TRAILING

FF  
1° ☒ 0.5°

FR  
1° ☒ 0.5°

**LOWER ROLL CENTER**

FRONT **LOWER ROLL CENTER** REAR  
ECCENTRIC BUSHINGS

REAR

WING HOLDER  
FRONT ☒  
REAR ☐

WING  
COMPOSITE ☐  
LEXAN ☒ OTHER  
std lip height ☒  
FRONT ☒ MIDDLE ☐ REAR ☐

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

BUMP STEER SHIM  
STEERING PLATE 0 /mm  
STEERING BLOCK 2 /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

CUT OUT HOLES  
REDUCE DOWNFORCE

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

RF  
1° ☒ 0.5°

RR  
1° ☒ 0.5°

**FRONT**

**FRONT TOE OUT**

+1 ☒

**STEERING PLATE**

1 DOT ☐ 2 DOTS ☒

**CHASSIS**

KIT ☒ LONG +4mm ☐

**WHEELBASE**

0mm ☐ 1mm ☐ 2mm ☐ 3mm ☐ 4mm ☒

SHIMS IN FRONT OF UPRIGHT ☒

**REAR TOE IN**

☒

**FRONT DRIVE SHAFT**

CVD ☒ UNIVERSAL ☐ LENGTH 94 /mm

**ACKERMANN POSITION**

4 ☐ 3 ☒ 2 ☐ 1 ☐

**SERVO SAVER**

TIGHT ☒ MEDIUM ☐ SOFT ☐

**SIDE GUARD**

SOFT ☐ MEDIUM ☒ CARBON ☐

**GRAPHITE BRACE**

YES ☒ NO ☐

**REAR DRIVE SHAFT**

CVD ☒ UNIVERSAL ☐ LENGTH 93 /mm

**TOP DECK**

COMPOSITE ☒ CARBON ☐

**DRIVE SHAFT**

CVD ☒ DOGBONE ☐

**FRONT**

**REAR**

The diagram illustrates the front and rear suspension systems of a vehicle. Key components and adjustment points are labeled:

- FRONT SECTION:**
  - FRONT CAMBER:** Indicated by a box labeled "2".
  - LENGTH:** A dimension line for the front suspension arm.
  - UPPER ARM:** Includes checkboxes for SOFT, MEDIUM, and GRAPHITE (checked).
  - LOWER ARM:** Includes checkboxes for SOFT, MEDIUM, and GRAPHITE (checked).
  - FRONT DIFF HEIGHT:** A box with three circles and a checked "X" in the first position.
  - RIDE HEIGHT:** A box labeled "21" with a dimension line.
- REAR SECTION:**
  - REAR CAMBER:** Indicated by a box labeled "2".
  - LENGTH:** A dimension line for the rear suspension arm.
  - REAR DIFF HEIGHT:** A box with three circles and a checked "X" in the first position.
  - RIDE HEIGHT:** A box labeled "27" with a dimension line.
- COMMON COMPONENTS:**
  - FULL TRAVEL SHOCKS LENGTH:** A dimension line for the shock absorbers.
  - #107717 RIDE HEIGHT GAUGE:** A tool used for measuring ride height.