

# SET-UP SHEET




X1'24 SET-UP SHEET VER.1 ©XRAY

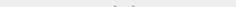

## **XRAY X1'24**

RACE	BRCA National Round 5		
TRACK	Aldershot		
NAME	@LukeLeeRC	DATE	3/9/2023

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
2	2	15:86 /sec	19 / 311.03	





TRACK			
TRACK SURFACE	<input type="checkbox"/> CARPET	<input checked="" type="checkbox"/> ASPHALT	
TRACK LAYOUT	<input type="checkbox"/> TECHNICAL	<input checked="" type="checkbox"/> MIXED	<input type="checkbox"/> FAST
TRACTION	<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> HIGH

CENTER SHOCK ABSORBER		
SPRING	OIL $\mu$ St	REBOUND %
2.5	1300	0
PISTON	PISTON HOLES DIAMETER	FOAM INSERT
 3 HOLES	<input checked="" type="checkbox"/> $\phi$ 1.1mm	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
 4 HOLES	<input type="checkbox"/> $\phi$ 1.2mm	
 PSS	<input type="checkbox"/> $\phi$ 1.3mm	

DAMPING			
<input checked="" type="checkbox"/>	SIDE TUBE		OIL <div><div>15k</div>/cSt</div>
<input type="checkbox"/>	SIDE SHOCK		OIL <div></div> /cSt

FRONT		TIRES	REAR	
HotRace		TIRES ADDITIVE ADDITIVE TIMING WIPE OFF TIME TIRES WARMER	HotRace	
Control			Control	
10			10	
2			2	
Timing: 40	Temp.: 80		Timing: 40	Temp.: 100

FRONT LEFT	FRONT RIGHT	ADDITIVE TREATED AREA	REAR LEFT	REAR RIGHT
				

TRANSMISSION		
<b>GEAR DIFF</b> <input checked="" type="checkbox"/>	<b>SOLID AXLE</b> <input type="checkbox"/>	<b>BALL DIFF</b> <input type="checkbox"/>
<div> <div>OIL</div> <div>20,000</div> <div>/cst</div> </div>		<div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> <div><input type="checkbox"/></div> </div> <div> <div>LOOSE</div> <div>MEDIUM</div> <div>TIGHT</div> </div>

GEARING		
SPUR GEAR $\pi$	PINION $\pi$	FINAL DRIVE RATIO
80	36	2.22

ELECTRONICS	
MOTOR	Hobbywing G4
SPEEDO	Hobbywing XR10 Prostock
SERVO	AGF A62BHS
BATTERIES	Nosram Stock Spec 5900 Graphine 4

BODY	
EvoRace ER21	

COMMENTS	

FRONT

REAR

WHEELBASE ADJUSTMENT

STANDARD ● ○ SHORT

SHIM  
Nut /mm  
UNDER SHOCK

SHIM  
Nut /mm  
UNDER SHOCK

DROOP 1 4.5 FRONT RIDE HEIGHT MID RIDE HEIGHT 4.8 DROOP 1 REAR RIDE HEIGHT 5

**SHIM**  
2.5 /mm

**SHIM**  
3.5 /mm

**SHIM**  
2 /mm

**LUBE OIL**  
20k /cSt

**SHIM**  
1 /mm

**SPRING**  
C = 3.0

**LOWER ARM**  
SHIM 0 /mm

**STEERING ARM**  
ACKERMANN POSITION  
#372541-K

**SIDE SPRINGS**  
C = 1.5

**MOTOR COOLING**  
☒ 30mm  
☐ 40mm  
☐ NO

**WING**  
SHIM 2 /mm

**HIGHER** **REAR RIDE HEIGHT ECCENTRIC BUSHINGS** **LOWER**

1.25 1.0 0.75 0.5 0.25 0 -0.25 -0.5 -0.75 -1.0 -1.25

The diagram illustrates the chassis and suspension components of a vehicle, highlighting various adjustable settings:

- CAMBER:** Indicated as 1.5°.
- ROLL CENTER SHIM:** Indicated as 2 /mm.
- CASTER:** A vertical scale shows options from 3.0° to 10.5°.
- ARM MOUNT PLATE:** Options for STANDARD (marked with a red X) and WIDE.
- LOWER ARMS:** Options for STANDARD (marked with a red X) and SOFT.
- FRONT TRACK-WIDTH:** Indicated by a dimension line across the front of the chassis.

**CHASSIS**  
 2.5mm KIT ☒ OTHER ☐

**PIVOT MOUNTING POSITION**  
 FORWARD ☐ REARWARD ☒

**PIVOT MOUNTING HEIGHT**  
 SHIM 0 /mm

**POD LINK**  
 LEFT = RIGHT

**REAR WING**  
 STANDARD ☒ OTHER ☐

**ADJUSTABLE**

**TOE**  
OUT **1.5** /deg.

**GRAPHITE BRACE**  
YES ☒ ☐ NO

**SHIM USED**  
YES ☒ ☐ NO

**ARM BRACE**  
YES ☒ ☐ NO  
LEFT = RIGHT

**SIDE BRACE**  
YES ☒ ☐ NO  
LEFT = RIGHT

**REAR AXLE**  
STEEL ☒  
GRAPHITE ☐

**WING POSITION**  
1  
2  
3

**BATTERY PLACEMENT**  
3 2  
3 2

**BACKSTOP**  
1 2  
3

**OUTER ACKERMANN**

**TOP DECK FLEX**  
☐ SOFT / Without top deck  
☐ MEDIUM / Long top deck  
☒ STIFF / Long + short top deck

**REAR WIDTH SHIM**  
/mm  
LEFT = RIGHT

**FRONT SPOILER**  
☐ LOW DOWNFORCE  
☒ HIGH DOWNFORCE  
☐ OTHER: \_\_\_\_\_

**STEERING ANGLE**  
**25** °  
LEFT = RIGHT

**FRONT WIDTH SHIM**  
**0** /mm  
LEFT = RIGHT

**REAR WING POSITION**  
LEFT = RIGHT  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10