

# SET-UP SHEET




X1'24 SET-UP SHEET VER.1 ©XRAY

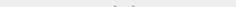

**XRAY X1'24**





RACE	BRCA National Round 6		
TRACK	Broxtowe		
NAME	@LukeLeeRC	DATE	24/09/23

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
1	1	19.39 /sec	16 / 318.51	







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

CENTER SHOCK ABSORBER		
<b>SPRING</b> <div>2.3</div>	<b>OIL /cst</b> <div>350</div>	<b>REBOUND /%</b> <div>0</div>
<b>PISTON</b> <div>  <input type="checkbox"/> 3 HOLES         </div> <div>  <input checked="" type="checkbox"/> 4 HOLES         </div> <div>  <input type="checkbox"/> PSS         </div>	<b>PISTON HOLES DIAMETER</b> <div> <input checked="" type="checkbox"/> ø1.1mm         </div> <div> <input type="checkbox"/> ø1.2mm         </div> <div> <input type="checkbox"/> ø1.3mm         </div>	<b>FOAM INSERT</b> <div>           YES <input type="checkbox"/> <input checked="" type="checkbox"/> NO         </div>

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	
BRCA Control			BRCA Control	
30mins			30mins	
0			0	
Timing: 30min	Temp.: 80		Timing: 30min	Temp.: 100
FRONT LEFT	FRONT RIGHT	ADDITIVE TREATED AREA	REAR LEFT	REAR RIGHT
				

**TRANSMISSION**

GEAR DIFF	SOLID AXLE	BALL DIFF
 <div style="border: 1px solid black; padding: 5px; display: inline-block;">           OIL <span style="color: red; font-weight: bold; font-size: 1.2em;">10k</span> /cSt         </div>		 <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">             LOOSE         </div> <div style="text-align: center;">             MEDIUM         </div> <div style="text-align: center;">             TIGHT         </div> </div>

GEARING		
$(\text{spur}) \div (\text{pinion}) = \text{FDR}$		
SPUR GEAR $\pi$	PINION $\pi$	FINAL DRIVE RATIO
80	39	2.05

ELECTRONICS	
MOTOR	Hobbywing G4
SPEEDO	Hobbywing XR10 Stock Spec
SERVO	AGFRC A62BHS
BATTERIES	Nosram 5900

BODY	
EvoRace ER21	

COMMENTS	

The diagram illustrates the rear suspension system with various adjustment points. Key components and labels include:

- WHEELBASE ADJUSTMENT:** A horizontal dimension line spanning the distance between the front and rear axles.
- STANDARD / SHORT:** A legend indicating that a red dot represents the standard setting and a black dot represents the short setting.
- SHIM Nut /mm UNDER SHOCK:** Two labels pointing to the adjustment points on the shock absorbers.
- FRONT RIDE HEIGHT:** A vertical dimension line from the ground to the front of the chassis, with a value of 4.2.
- MID RIDE HEIGHT:** A vertical dimension line from the ground to the middle of the chassis, with a value of 4.6.
- REAR RIDE HEIGHT:** A vertical dimension line from the ground to the rear of the chassis, with a value of 5.8.
- DROOP:** Two vertical dimension lines at the front and rear showing the suspension travel, both with a value of 1.0.

**SHIM**  
2.5 /mm

**SHIM**  
3 /mm

**SHIM**  
2 /mm

**LUBE OIL**  
20k /cSt

**SHIM**  
1 /mm

**SPRING**  
C= 2.0

**LOWER ARM**  
SHIM 0 /mm

**STEERING ARM**  
ACKERMANN POSITION  
5 4 3 2 1  
#372541-K

**SIDE SPRINGS**  
C= 0.9

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

**WING**  
SHIM 2 /mm

The diagram illustrates the chassis and suspension components of a vehicle, with various adjustment settings indicated by callouts and checkboxes.

- CAMBER:** The left callout shows a camber angle of  $1.5^\circ$ .
- ROLL CENTER:** The right callout shows a shim setting of 0 /mm.
- CASTER:** A vertical column of seven caster angle options is shown:  $3.0^\circ$ ,  $4.5^\circ$ ,  $6.0^\circ$ ,  $7.5^\circ$ ,  $9.0^\circ$ , and  $10.5^\circ$ . The  $4.5^\circ$  option is selected with a red dot.
- ARM MOUNT PLATE:** A checkbox labeled "STANDARD" is checked with a red 'X', and the "WIDE" option is unchecked.
- LOWER ARMS:** Two checkboxes are shown: "STANDARD" (checked with a red 'X') and "SOFT" (unchecked).
- FRONT TRACK-WIDTH:** A label at the bottom indicates the front track width, with callouts 1 and 2 pointing to the lower arm assembly.

**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 /deg.

**GRAPHITE BRACE**  
YES ☒ NO ☐

**SHIM USED**  
YES ☒ NO ☐

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

**STEERING ANGLE**  
25 °  
LEFT = RIGHT

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

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

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

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

**REAR WING POSITION**  
LEFT = RIGHT

**REAR AXLE**  
STEEL ☒  
GRAPHITE ☐

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