

**XRAY X1'21**

RACE	BRCA National Round 1			
TRACK	Cotswolds Model Car Club			
NAME	Luke Lee	DATE	17/04/2022	

  

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
1	1	19.56 /sec	15 / 301.24	

  

**TRACK**

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

  

**CENTER SHOCK ABSORBER**

SPRING	OIL /cSt	REBOUND /%s
2.3	1000	0.0

  

PISTON <input type="checkbox"/> 3 HOLES <input checked="" type="checkbox"/> 4 HOLES <input type="checkbox"/> PSS	PISTON HOLES DIAMETER <input checked="" type="checkbox"/> ø1.1mm <input type="checkbox"/> ø1.2mm <input type="checkbox"/> ø1.3mm	FOAM INSERT YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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**ANTI-ROLL BAR**

THICKNESS/mm	0.0
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**DAMPING**

<input checked="" type="checkbox"/> SIDE TUBE 	OIL	30K /cSt
<input type="checkbox"/> SIDE SHOCK 	OIL	
<input checked="" type="checkbox"/> FRONT TUBE 	OIL	30K /cSt

  

<b>F</b> FRONT	<b>T</b> TIRES	<b>R</b> REAR
Sweep BRCA Spider Red Control 0	TIRES ADDITIVE ADDITIVE TIMING ADDITIVE TREATED AREA	Sweep BRCA Spider Red Control 20 mins
FRONT LEFT 		REAR LEFT 
FRONT RIGHT 		REAR RIGHT 

  

**TRANSMISSION**

BALL DIFF <input type="checkbox"/> <input type="checkbox"/> LOOSE <input type="checkbox"/> MEDIUM <input type="checkbox"/> TIGHT	SOLID AXLE <input type="checkbox"/>	GEAR DIFF <input checked="" type="checkbox"/> OIL 20K /cSt
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**GEARING**

PINION /1	SPUR GEAR /1	FINAL DRIVE RATIO
40	80	2.0

  

**ELECTRONICS**

MOTOR	Hobbywing G3R
SPEEDO	Hobbywing Prostock
SERVO	Highest
BATTERIES	Nosram 5900

  

**BODY**

EVO Race ER21
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COMMENTS  
 no additive on front tyres was better

**FRONT**

**WHEELBASE ADJUSTMENT**

LONG (+4mm) SHORT (-4mm)

STANDARD (0mm)

BUMP STEER SHIM 4 /mm

SERVO ARM SHIM nut/mm

SHOCK PYTE SHIM LONG nut/mm

DROOP 1 4.5 FRONT RIDE HEIGHT MID RIDE HEIGHT 4.8 DROOP 1 REAR RIDE HEIGHT 5.2

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**SHIM 4.5 /mm**

**SHIM 2.5 /mm**

**SHIM 0.5 /mm**

**LUBE 30K cSt**

**SHIM 0.5 /mm**

**SPRING 2.5**

**LOWER ARM SHIM 0.0 /mm**

**ALU MOUNT YES NO**

**UPPER ARM SHIM 0.0 /mm**

**SIDE SPRINGS 1.5**

**REAR RIDE HEIGHT ECCENTRIC BUSHINGS**

HIGHER	2.5	2.0	1.5	1.0	0.5	0	0.5	1.0	1.5	2.0	2.5	LOWER
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**WING SHIM 0.0 /mm**

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**ARM MOUNT PLATE**

STANDARD WIDE

**CASTER**

3° 6° 9° 12°

**LOWER ARMS**

STANDARD GRAPHITE SOFT GRAPHITE ARMS

**CAMBER**

1.0° 1.5° 2.0° 2.5°

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**CHASSIS**

GRAPHITE 2.5mm (KIT) HARD GRAPHITE OTHER:

**PIVOT MOUNTING POSITION**

FORWARD REARWARD

**PIVOT MOUNTING HEIGHT**

SHIM 0.0 /mm

**POD LINK Left-Right**

**REAR WING**

STANDARD narrow

**ADJUSTABLE**

WING POSITION

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**TOE OUT -1 /deg.**

**GRAPHITE BRACE YES NO**

**SHIM USED YES NO**

**ACKERMANN POSITION**

**SERVO LINKAGE**

**OUTER ACKERMANN**

**BACKSTOP**

**STEERING ANGLE 25 °**

**TOP DECK YES NO**

**TOP DECK FLEX SOFT MEDIUM STIFF**

**REAR AXLE STEEL GRAPHITE**

**BATTERY PLACEMENT 4 3 2 1**

**REAR WIDTH SHIM 3.5 /mm**

**REAR WING POSITION**

**FRONT SPOILER LOW DOWNFORCE HIGH DOWNFORCE**

**FRONT WIDTH SHIM 0 /mm**

Montech 3 flap