

RACE	BRCA National Rd4		
TRACK	Bedworth		
NAME	Ben	DATE	30/07/2023

TRACK TEMP.	QUAL POS.	FINAL POS.	BEST LAPTIME	LAPS	TIME
20	2	2	14.12 /sec	21 /	300.54

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 type="checkbox"/> MEDIUM	<input checked="" type="checkbox"/> HIGH

FRONT TRANSMISSION REAR

GEAR DIFFERENTIAL - OIL	500K /cSt
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PINION / T	SPUR GEAR / T	FINAL DRIVE RATIO
54	80	2.8

FRONT		SHOCKS	REAR	
2.6		XRAY SPRINGS	2.7	
350		OIL /Cst	350	
100		REBOUND %	100	
<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	FOAM INSERTS	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

Technical drawing of a shock absorber assembly. The drawing shows a central shock absorber unit with a piston rod and a mounting bracket. Dimensions are indicated with arrows and text:

- Top Dimensions:**
 - Left side: 4 HOLES (indicated by a red 'X' in a square and a black circle with four dots), 1.1mm, 1.2mm.
 - Right side: 1.1mm, 1.2mm, 4 HOLES (indicated by a red 'X' in a square and a black circle with four dots), PSS (indicated by a red 'X' in a square and a black circle with four dots).
- Bottom Dimensions:**
 - Left side: SHOCK LENGTH, 9 /mm.
 - Right side: SHOCK LENGTH, 9 /mm.

1.3	THICKNESS/mm		THICKNESS/mm	1.4
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BRCA Ride	TIRES	BRCA Ride
Spider Red (control)	ADDITIVE	Spider Red (control)
20 mins	ADDITIVE TIMING	20 mins

FRONT LEFT FRONT RIGHT TREATED AREA REAR LEFT REAR RIGHT

TOTAL WEIGHT	1297 /g	WEIGHT BALANCE	FRONT	%	REAR	%
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MOTOR	HW Control 17.5	TIMING	
ESC	HW G3 Control	BATTERIES	Opti 6000
BODY	YRS	WING	std

BODY POSITION

Dimension from body post to window bottom line

/mm

WING SIDE PLATE YES ☐ NO ☐

Dimension from body post to upper holder

Dimension from edge to surface

/mm

Same setup in wet and dry, very good feeling! especially in the wet!!!!

FRONT & REAR SUSPENSION

FRONT CASTER
5° 4° 3°
Adjust with eccentric bushings

BUMP STEER 3 /mm
HEIGHT 19 /mm
SHIM 3 /mm

REAR CASTER
0.5° 1.5° 2.5° 3.5° 4.5° 5.5°
Adjust with eccentric bushings

TOE GAIN 5 /mm

FRONT CASTER 2 /mm FF 5.1 /mm FR 2 /mm
RIDE HEIGHT
☐ SERVO SAVER
☐ SERVO HORN

REAR CASTER 2 /mm RF 5.4 /mm RR 2 /mm
RIDE HEIGHT
☐ SERVO SAVER
☐ SERVO HORN

The diagram shows a top-down view of a car chassis with various adjustment points and gauges. The components are labeled as follows:

- Left = Right**: Indicated by a double-headed arrow pointing left and right.
- 2 /deg. CAMBER**: A gauge for measuring camber, with a red '2' and a degree symbol.
- 1.5 /mm SHIM 2 /mm**: A gauge for measuring shim, with a red '1.5' and a millimeter symbol, and a '2' and a millimeter symbol.
- FRONT HUB**: A gauge for measuring front hub, with a red 'X' and a millimeter symbol.
- SHIM 0.5 /mm**: A gauge for measuring shim, with a red '0.5' and a millimeter symbol.
- DOWNSTOP 5.3 /mm**: A gauge for measuring downstop, with a red '5.3' and a millimeter symbol.
- FRONT SUSPENSION**: A label for the front suspension area.
- FRONT BRACE**: A label for the front brace area.
- BULKHEAD SHIMS**: A label for the bulkhead shims area.
- DRIVE SHAFT**: A label for the drive shaft area.
- FRONT SHOCK POSITION**: A label for the front shock position area.
- HUDY**: A label for the HUDY gauge, with a red '0' and a millimeter symbol.
- HUDY**: A label for the HUDY gauge, with a red '0' and a millimeter symbol.

The diagram also includes various adjustment points and gauges, such as the **107702 Chassis Droop Gauge Blocks** and the **107712 Chassis Droop Gauge**.

REAR SUSPENSION

REAR HUB

- HARD ☒
- GRAPHITE ☐
- ALU ☐

SHIM

1 /mm

0.5 /mm **SHIM** **2** /mm

REAR SHOCK POSITION
1 2

CAMBER

2 /degr.

Left = Right

HUDY

HUDY

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge

4.1 /mm **DOWNSTOP**

FRONT TOP VIEW

1
TOE OUT
Left = Right

DIFF POSITION
UP ☐
DOWN ☐

UPPER ARM
SOFT ☒
MEDIUM ☐

HUB OFFSET
STD. ☐ -0.5mm ☒ +0.5mm SHIM/mm

STEERING ARM & BRIDGE
☒ DUAL STD. ☐ BRIDGE
☐ SINGLE

SHIMS
0 /mm

ACKERMANN
SHIM 0 /mm

STEERING PLATE
8.0mm ☒ STD.
7.5mm ☐

FRONT

REAR

1
TOE IN
Left = Right

UPPER ARM
SOFT ☒
MEDIUM ☐

HUB OFFSET
STD. ☐ -0.5mm ☒ +0.5mm SHIM/mm

Battery weight plate.

WEIGHT LEFT & RIGHT
#309825
YES ☒ NO ☐

STEER. LOCK
full /degr.
STEER. SHIM
SIZE 8 /mm

T-BRACE
ALU ☐
BRASS ☐

FRONT BRACE
YES ☐
NO ☒

CHASSIS T-BRACE

FRONT ARMS
MEDIUM ☒
HARD ☐

CHASSIS
GRAPHITE ☒

REAR ARMS
MEDIUM ☒
HARD ☐

BUMPER WEIGHT
#309824
YES ☐
NO ☒

MOTOR MOUNT

FRONT BOTTOM VIEW