



Driver: _____ Event: _____
 Date: _____ Track: _____
 Qualify: _____ TC: ☐ Main: _____ Finish: _____ Best Lap Time: _____

Front Suspension:

Setup: BRCA Nationals 2025 R1 Herts

Open in So Dialed App

Ride Height:	
Toe:	Hex:
Anti-Roll Bar	
Size:	
Gap:	
Ackerman	
	
Steering Arm Plate:	
Drive Shaft:	CVAs: <input type="checkbox"/> Universals: <input type="checkbox"/>
Upper Arm Material:	
Lower Arm Material:	



This diagram illustrates the 'Lower Ball Type & Shims' assembly. It shows a side view of a control arm with a ball joint at the front and a shims assembly at the rear. The shims assembly consists of a main body with two circular shims and a central slot. A label 'Washers:' points to the shims. A label 'B A' is positioned below the shims assembly. A label 'Lower Ball Type & Shims:' is at the bottom. A label 'Caster Shim:' points to the top of the control arm. A label 'Insert:' points to the shims assembly.

The diagram illustrates the 321 robot chassis, which is a triangular frame. At the top, a **Wheelbase Shim** and an **Insert** are shown as components that fit into the top of the chassis. Below the chassis, three different **Arm Mount** options are displayed:

- Upper Arm Mount:** A rectangular plate with a 4x4 grid of 16 circular holes.
- Middle Arm Mount:** A rectangular plate with a 2x2 grid of 4 circular holes.
- Lower Arm Mount:** A rectangular plate with a 2x2 grid of 4 circular holes.

The chassis itself has a large circular hole in the center and a smaller circular hole near the bottom vertex. The number **321** is printed on the right side of the chassis.

Rear Suspension:

Ride Height:	
Camber:	Hex:
Anti-Roll Bar	
Size:	
Gap:	
Drive Shaft:	CVAs: <input type="checkbox"/> Universals: <input type="checkbox"/>
Chassis Brace	
Pivot Type:	
Insert Type:	
Arm Material:	
Notes:	

The diagram illustrates the chassis components and their adjustment options:

- Hub Tower:** Std: ☐ High / Low: ☐
- Swaybar Ball Leverage:** Wide: ☐ Narrow: ☐
- Hub Shim:**
- Wheelbase Shim:**
- Insert:**
- Arm Mount C:**
- Arm Mount D:**
- Wing Height:** High: ☐ Low: ☐
- Wing Height Markings:** 54321 (top), 654 (left), 321 (right)

Electronics and Engine:

Radio:		Receiver:	
Throttle Servo:		Speed:	
Steering Servo:		Speed:	
EPA: Throttle:	Brake:	Steering:	
EXPO: Throttle:	Brake:	Steering:	
Brake Bias:	D/R:		
Receiver Battery:			
Engine:		Temp:	
Pipe:		Fuel:	
Restrictor:		Glow Plug:	
Chassis Layout: FWB <input type="checkbox"/> RWB <input type="checkbox"/>			
Notes:			

Differential:


	Front	Center	Rear
Fluid:			
Gears:			
Mass:			
Notes:			

Clutch and Gearing:

Spur Gear:	Bell:
Shoes:	
Springs:	
Notes:	

Shocks:

	Front	Rear
Piston:		
Fluid:		
Bladder:		
Rebound:		
Spring:		
Length:		
Eyelet:		



The diagram shows a shock absorber assembly. A vertical double-headed arrow on the left side of the shock absorber is labeled "Length". Another vertical double-headed arrow on the right side, pointing to the lower portion of the shock absorber, is labeled "Rebound".

Track Info:

Size:	
Surface:	
Traction:	
Moisture:	
Condition:	
Temperature:	
Notes:	

Tires:

Front Tires:	
Front Compound:	
Front Insert:	
Rear Tires:	
Rear Compound:	
Rear Insert:	
Wheel (F/R):	
Notes:	

Body, Weight:

Body:	
Nose Cone:	
Rear Wing:	
Wing Angle:	0° <input type="checkbox"/> 2° <input type="checkbox"/> 4° <input type="checkbox"/>
Wing Buttons:	Flat <input type="checkbox"/> Fin <input type="checkbox"/>
Vent Holes:	
Total Weight:	
Notes:	

Radio Tray Flex Assembly:

Transponder Mount: ☐ None: ☐

Radio Tray Brace: ☐

Vehicle Comments:

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