RC8 B4.1

Driver: Ken Grace | **Event:** Mugen Challenge
Date: August 30, 2026 | **Track:** LCRC Raceway
Qualify: | **TQ:** ☐ | **Main:** | **Finish:** | **Best Lap Time:**

Front Suspension:

Setup: 8/23/26 Mugen Challenge

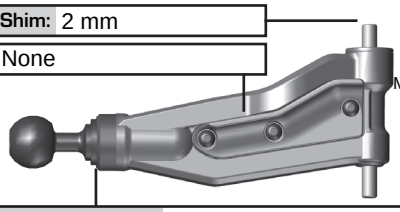
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RESET

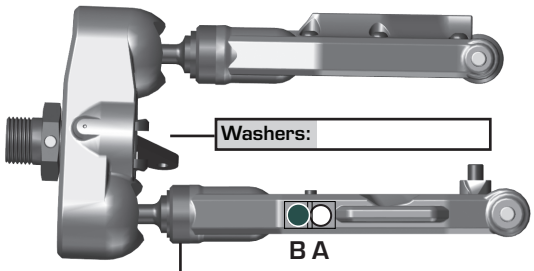
- **Ride Height:** 24 mm
- **Toe:** -1 deg | **Hex:** +1mm
- **Anti-Roll Bar**
  - **Size:** 2.1 mm
  - **Gap:** 2.0 mm
- **Ackerman** (3 2 1 — TOP)
- **Steering Arm Plate:** +1 degree
- **Drive Shaft:** CVAs: ☐ Universals: ◉
- **Upper Arm Material:** Medium
- **Lower Arm Material:** Medium
- Notes: Alu Upper Pillow Ball

- **Caster Shim:** 2 mm
- **Insert:** None

More: sodialed.com/setups

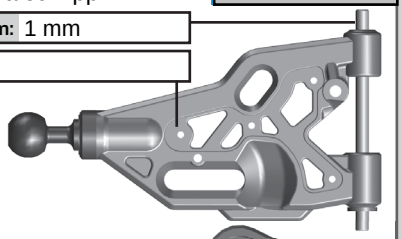


- **Upper Ball Type & Shims:** 0.7



- **Washers:**
- **Lower Ball Type & Shims:** 1.4

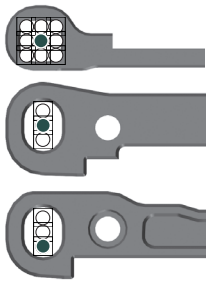
- **Wheelbase Shim:** 1 mm
- **Insert:** None

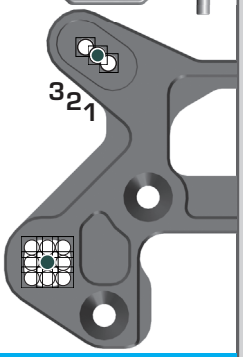


Upper Arm Mount:

Arm Mount A:

Arm Mount B:

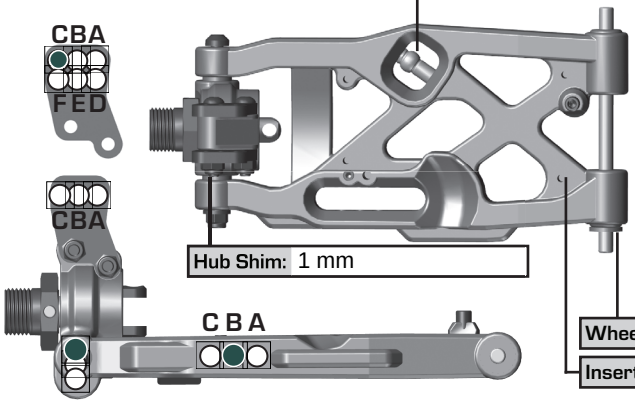




Rear Suspension:

- **Ride Height:** 25 mm
- **Camber:** -2 deg | **Hex:** +1mm
- **Anti-Roll Bar**
  - **Size:** 2.5 mm
  - **Gap:** 0 mm
- **Drive Shaft:** CVAs: ☐ Universals: ◉
- **Chassis Brace**
  - **Pivot Type:** Kit
  - **Insert Type:** No
- **Arm Material:** Medium 4.2
- **Notes:** 124mm droop

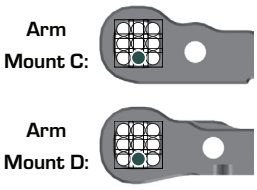
- **Hub Tower:** Std: ☐ High / Low: ◉
- **Swaybar Ball Leverage:** Wide: ◉ Narrow: ☐



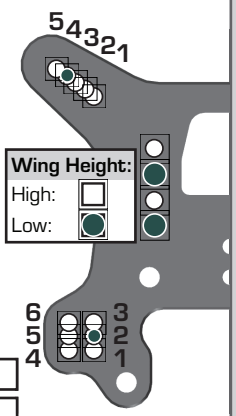
- **Hub Shim:** 1 mm

Arm Mount C:

Arm Mount D:



- **Wheelbase Shim:** 1 mm
- **Insert:** None



Electronics and Engine:

- **Radio:** Sanwa/Airtronics | **Receiver:** Sanwa/Airtronics
- **Throttle Servo:** ProTek | Speed:
- **Steering Servo:** ProTek | Speed:
- **EPA:** Throttle: | Brake: | Steering:
- **EXPO:** Throttle: | Brake: | Steering:
- **Brake Bias:** 60/40 | **D/R:**
- **Receiver Battery:** Reedy 2400
- **Engine:** Protek | **Temp:**
- **Pipe:** 75/2090 | **Fuel:** VP Lutz
- **Restrictor:** 6 | **Glow Plug:** Protek P3 Gold
- **Chassis Layout:** FWB ◉ RWB ☐
- **Notes:**

Differential:

	Front	Center	Rear
Fluid:	10,000	10,000	5,000
Gears:	High traction	19mm	High traction
Mass:			

- **Notes:** High Volume Center Diff

Clutch and Gearing:

- **Spur Gear:** 47 | **Bell:** 13
- **Shoes:** 2 composite, 2 aluminum
- **Springs:** 4 Green
- **Notes:** Adjustable FT clutch

Shocks:

	Front	Rear
Piston:	XTR 2.5 5-hole	XTR 2.5 5-hole
Fluid:	600 cst	550 cst
Bladder:	Kit	Kit
Rebound:	0 %	0 %
Spring:	5.05lb White	3.75lb White
Length:	101 mm	124 mm
Eyelet:	0 mm	+2 mm

Delrin spacers, X-Rings



Track Info:

- **Size:** Open
- **Surface:** Outdoor hard-packed
- **Traction:** Medium/Low
- **Moisture:** Dusty/Dry
- **Condition:** Medium
- **Temperature:**
- **Notes:**

Tires:

- **Front Tires:** Jconcepts Reflex
- **Front Compound:** A2
- **Front Insert:**
- **Rear Tires:** Jconcepts Reflex
- **Rear Compound:** A2
- **Rear Insert:**
- **Wheel (F/R):**
- **Notes:**

Body, Weight:

- **Body:** P2
- **Nose Cone:** 3D TPU
- **Rear Wing:** Jconcepts Razor
- **Wing Angle:** 0° ☐ 2° ◉ 4° ☐
- **Wing Buttons:** Flat ◉ Fin ☐
- **Vent Holes:**
- **Total Weight:**
- **Notes:** FT Engine Mount, 8mm holes in wing

Radio Tray Flex Assembly:

- **Transponder Mount:** ◉ **None:** ☐
- **Radio Tray Brace:** ◉

Vehicle Comments: