RC8 B4.1e

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

Front Suspension:

Setup: Mugen Challenge 8/23/26

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- **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:** +0 degree
- **Drive Shaft:** CVAs: ☐ Universals: ●
- **Upper Arm Material:** Medium
- **Lower Arm Material:** Medium
- Notes: Alu pillow ball top arm Note Ackerman settings

- **Caster Shim:** 1 mm
- **Insert:** None
- **Upper Ball Type & Shims:** 1.4
- **Washers:**
- **Lower Ball Type & Shims:** 0.7

B A

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

Upper Arm Mount: | Arm Mount A: | Arm Mount B:

3 2 1

Rear Suspension:

- **Ride Height:** 25 mm
- **Camber:** -2 deg | **Hex:** +2mm
- **Anti-Roll Bar**
  - **Size:** 2.5 mm
  - **Gap:** 0 mm
- **Drive Shaft:** CVAs: ☐ Universals: ●
- **Chassis Brace**
  - **Pivot Type:** Kit
  - **Insert Type:** Kit
- **Arm Material:** Medium 4.2
- **Notes:** 124 droop, 4.2 rear hubs

Hub Tower: Std: ☐ High / Low: ●

Swaybar Ball Leverage: Wide: ● Narrow: ☐

C B A
F E D

C B A

C B A

Hub Shim: 1 mm

Arm Mount C:

Arm Mount D:

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

5 4 3 2 1

Wing Height:
High: ●
Low: ☐

6 5 4 3 2 1

Electronics:

- **Radio:** Sanwa/Airtronics | **Receiver:** Sanwa/Airtronics
- **Steering Servo:** Sanwa/Airtronics Speed:
- **EPA:** Throttle: Brake: Steering:
- **EXPO:** Throttle: Brake: Steering:
- **Coast:** | **D/R:**
- **ESC:** Reedy BEC:
- **Motor:** Reedy
- **Battery:** Reedy Brick ☐ Saddle ●
- **Battery Position:** Rear ☐ Center ☐ Forward ●
- **Chassis Layout:** FWB ● RWB ☐

Differential:

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

Gearing:

- **Spur Gear:** 46 | **Pinion:**
- **Notes:** Metal Spur

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

Length | Rebound

Chrome Shafts, FT X-Rings

Track Info:

- **Size:** Medium/Open
- **Surface:** Outdoor hard-packed
- **Traction:** Medium/Low
- **Moisture:** Dusty
- **Condition:** Medium
- **Temperature:** 43C/110F
- **Notes:**

Tires:

- **Front Tires:** Jconcepts Reflex
- **Front Compound:** A3
- **Front Insert:** Closed Cell
- **Rear Tires:** Jconcepts Reflex
- **Rear Compound:** A3
- **Rear Insert:** Closed Cell
- **Wheel (F/R):** Jconcepts Mono
- **Notes:**

Body, Weight:

- **Body:** P2
- **Nose Cone:** 3D Printed Wing
- **Rear Wing:** Jconcepts Razor
- **Wing Angle:** 0° ☐ 2° ● 4° ☐
- **Wing Buttons:** Flat ☐ Fin ●
- **Vent Holes:**
- **Total Weight:**
- **Notes:** RC8B3.2 side guards, 10mm holes in…

Vehicle Comments: