

# ULTIMA RB7 SET UP SHEET



Name Kohta Akimoto Date 20/1/27 Truck / City YATABE ARENA Event Carpet STD set up

## Front Suspension

**Upper Spacer:** 2 mm

**Shock Stay:**  
 Std.  
 UMW739 2mm Low Down type Carbon t=4.0

**Toe:**  In  Out 1 °

**Sway Bar:**  None  UMW746 1.1 mm

**Front Bulkhead Weight Placement:**  
 None  
 Bulkhead Inside 5 g  
 On the skid plate 10 g

**4.8mm Ball Stud:**  
 UM128(Std.)  
 UMW508 (+2mm High Mount)  
 97050M

**Camber:** 2.5 °

**AL. Steering Support:**  
 None  
 UMW724

**4.8mm Ball Stud:**  
 LA246 (-1mm Low Mount)  
 97050M (Std)

**Ackerman Steer Spacer:** 0 mm

**AL. Steering Support:**  
 UMW701 Aluminum ST Plate  
 UMW752 AL Crank Arm 2L NEW!!

**Axle Spacer:**  
 Out      mm  
 In 3.0 mm

**Wheel Hub:**  
 UM569 / Std  
 UM506  
 UM768/Alu

**Bump Steer Spacer:** 0 mm

**Axle Height Spacer:**  
 1.5 mm  
 0 mm

**Caster:**  
 25°  
 30°

**Caster Block:**  
 A (UM502)  
 B (UM721/Std)  
 C (UM567)  
 B(UMW722/Brass)  
 B(UMW723/Alu)

**Caster Block Spacer:**  0.5  0°  
 1.0  2°  
 None  4°

**Caster Block Position:**  
 IN (wide/Std)  
 OUT (Narrow)

**Wheelbase:** F: 0 mm R: 1 mm

## Rear Suspension

**Shock Stay:**  
 Std  
 UMW740 (Carbon t=4.0)

**Wing Stay Position:**  
 Mid:

**4.8mm Ball Stud:**  
 UM129  
 UMW508 (+2mm High Mount)  
 97050M  
 UM128(Std.)

**Upper Spacer:** 0 mm

**Sus Holder Spacer:**  
 F  0.5  1.0  None  
 R  0.5  1.0  None

**Anti-Squat:** 0.7 °

**Universal Swing Shaft:** 65.5mm 3 line

**Camber:** 2.5 °

**Shaved**

**Sus Bush:**  
 In  Out (Std)

**Drive Hub:**  
 4mm (TFW113)  
 4.5mm (LAW30GM/Std.)  
 5.2mm (UMW523)  
 6.2mm (UM773)

**Wheel Spacer:**  1mm (TFW004)

**Axle Spacer:**  
 Out 2 mm  
 In 0.3 mm

**Sway Bar:**  
 None  
 1.3 mm UMW708

**Wheelbase:**  
 F: 3 mm  
 R: 1 mm

**Wheelbase:**  
 F: 2 mm  
 R: 0 mm

**Rear Hub Carrier:**  
 0° Type-B (UM519)  
 0° Type-B2 (UM519-2)  
 0° Alu (UMW704-0)  
 0.5° Alu (UMW704-05)  
 1° Alu (UMW704-1)

## Shock

	Front	Rear
Shock Piston:	<u>2x1.6</u>	<u>2x1.7</u>
Shock Oil:	# <u>350</u>	# <u>300</u>
Shock Spring:	<u>Gold</u>	<u>Gold</u>
Limiters:	in <u>0</u> mm out <u>    </u> mm	in <u>0</u> mm out <u>    </u> mm
Shock Length(A):	<u>21.0</u> mm	<u>28.5</u> mm
O-ring:	<u>ORG03X(Clear)</u>	<u>ORG03X(Clear)</u>
Shock Top type:	<input type="checkbox"/> Alu UM719	<input checked="" type="checkbox"/> UM753-1B(Std)
Ball End type: Front:	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> L	Front: <input type="checkbox"/> Std <input checked="" type="checkbox"/> Low
Rear:	<input type="checkbox"/> S <input type="checkbox"/> M <input checked="" type="checkbox"/> L	Rear: <input type="checkbox"/> Std <input checked="" type="checkbox"/> Low

## Chassis

F 16.5 mm Ride Height: R 16.5 mm

## Transmission

- Rear Motor
- Mid-Ship 3 Gear
- Mid-Ship 4 Gear
- Mid-Ship Laydown

## Battery Type

- Short LCG ORION 4000
- Short STD

## Other

ESC: ORION HMX 10 Radio: Futaba T7PXR  
ORION ULTIMATE Pinion/Spur: 21/76  
 Motor: 5.5T CC Front Upper Plate  
 Servo: Futaba GT700 2nd gear ratio: 2.60  
76 ÷ 21 × 2.6 = 9.40

## Tire

	Front	Rear	comment:
Tire:	<u>Cut Stagger LP Yellow</u>	<u>Cactus 2.2 Yellow</u>	
Inserts:	<u>None</u>	<u>Schmacher U6734</u>	
Wheel:	<u>5mmx2hole</u>	<u>5mmx2hole</u>	

## Truck Condition

- Smooth
- Bumpy
- Low Truction
- Med. Truction
- Higt Truction
- Wet
- Dry
- Sandy
- Soft Dirt
- Grass
- Blue Groore
- Clay
- Dusty
- Carpet
- Other

## Wing

UM767/Std.  
 Step 3.0 - Straight  
 Step 3.0 - Round  
 Other     

Cut 5mm off the cut line      mm

Lip: 10mm CUT 15mm

CC=Carbon Composite

- UMW713 CC Front Hub Carrier
- UMW737B CC Front Bulk Head
- UMW739 CC Front Upper Plate
- UMW741 CC Front Sus. Arm
- UMW742 CC Rear Sus. Arm
- UMW743 CC Front Knuckle

- UMB06LW Body (ULTIMA RB7/0.6t)
- UMW744 Front Wing (RB7) (double-sided tape on a bonnet)
- UMW745 Ti screw set
- UMW750 LDWweight 28g
- UMW751 Battery weight 32g

Coming soon AL Rear Bulkhead ! (Feb)  
 Coming soon Oring type battery post set ! (Feb)