# AE RC10 B74.1D

Setup: Outdoor Dirt, Medium grip, Tall Rear Shocks · Josh Bommer (Team Associated & Reedy) · Oct 28, 2021

so dialed
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### TRACK

| | |
|---|---|
| Track | Hank Perry Raceway |
| Type | Outdoor hard-packed |
| Grip / moisture | Low/Medium / Dry/Wet |
| Surface / layout | Bumpy / Medium |
| Air temp | 55°F (13°C) |
| Track temp | 55°F (13°C) |

## FRONT SUSPENSION

| | |
|---|---|
| A mount inserts | 0 center |
| Anti-roll bar | None |
| Arms | Kit |
| Axle height | +1 mm |
| B mount inserts | 0 center |
| Camber | -1 degrees |
| **CAMBER LINK** | |
| Inner stud location | 2 - Outside middle |
| Outer stud spacers | 2.0 mm |
| Caster block | 9 degrees |
| Differential height | 0 (2 dots up) |
| Ride height | 20 mm |
| **SHOCKS** | |
| Arm mounting hole | B - Outside |
| Tower mounting hole | 2 - Middle |
| Steering block arms | Kit |
| Steering blocks | Kit |
| Steering link stud spacers - in/out | 4 / 0 mm |
| Steering link: inner stud location | 1 - Front |
| Toe | +2 degrees |
| Tower | Kit |
| Track: wheel hexes | 5mm |
| Wheelbase: arm spacers | Short (arm back) |

**NOTES** Steering block stop shaved flush with plate

## DRIVETRAIN

| | |
|---|---|
| Drive ratio - internal | 2.5 |
| Drive type | Differential |
| Driveshafts - front | 74mm CVA |
| Driveshafts - rear | 66m CVA |
| Pinion | 18 teeth |
| Spur | 78 teeth |

## REAR SUSPENSION

| | |
|---|---|
| Anti-roll bar | 1.3mm |
| Arms | Kit |
| Axle height (hub insert) | +0mm - 0 up / 3 down |
| C mount | LRC |
| C mount inserts | 0.5 in |
| Camber | -1 degrees |
| **CAMBER LINK** | |
| Inner stud location | 1 - Bottom |
| Outer stud mount spacers | 2 mm |
| Outer stud spacers | 2 mm |
| D mount | LRC |
| D mount inserts | 0 center |
| Differential height | 0 (2 dots up) |
| Hubs | Factory Team (#92270/1) |
| Ride height | 20 mm |
| **SHOCKS** | |
| Arm mounting hole | B - Middle |
| Tower mounting hole | 2 - Middle |
| Tower | Tall Tower |
| Track: wheel hexes | 5mm |
| **WHEELBASE** | |
| Arm spacers | Short (arm forward) |
| Hub spacers | Middle |

**NOTES** Front inner arm shaved 1mm

## BODY & CHASSIS

| | FRONT | REAR |
|---|---|---|
| Wing | AE front wing | JConcepts Aero |

| | |
|---|---|
| Battery position | 3 |
| Body | Lightweight |
| Chassis | v2 |
| Chassis brace - front | Plastic & fiberglass |
| Chassis brace - front screws | 3 front, 1 rear, center open |
| Chassis brace - rear | Plastic & fiberglass |
| Chassis brace - rear screws | 1 front, 1 middle, others open |
| Motor mount | Kit |
| Rear wing angle | 6 degrees |
| Top plate brace | None |
| Weight: total | 1768 g |

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Bodies | 12x24mm FOX Kashima coated | 12x31mm v2 FOX Kashima |
| Cup offset | 9 mm | 5 mm |
| Eyelet length | Short | Long |
| Limiters - int/ext | 0 / 1 mm | 0 / 0 mm |
| Oil weight | 400 cst | 250 cst |
| Pistons | 2 x 1.6mm FT v2 | 2 x 1.7 FT V2 2mm |
| Shafts | 3x24mm v2 Chrome | 3x27.5mm v2 Chrome |
| Springs | v2 Yellow | v2 White |
| Stroke | 24 mm | 28 mm |
| Shock oil brand | Ultimate Racing | |

**NOTES** Machined internals

## DIFFERENTIALS

| | FRONT | REAR |
|---|---|---|
| Diff fluid | 7,000 cst | 3,000 cst |
| Diff gears | Plastic | Plastic |
| Diff mass | 41 g | 41 g |

| | |
|---|---|
| Center diff fluid | 200,000 cst |
| Center diff gears | Plastic |
| Center diff mass | 38 g |
| Diff fluid brand | AE |

**NOTES** Weights with bearings on diff case

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | AKA Impacts | AKA Impact |
| Tire compound | Super Soft Longwear | Super Soft Longwear |
| Tire insert | Closed-cell | Closed-cell |
| Wheel brand / type | AKA HexLite | AKA HexLite |

## ELECTRONICS

| | |
|---|---|
| Battery brand | **Ultimate Racing** |
| Battery C rating | **120** |
| Battery capacity | **5800 mAh** |
| Battery model | **UR4442** |
| ESC brand | **Reedy** |
| ESC model | **510R** |
| Motor brand | **Reedy** |
| Motor model | **Sonic M4** |
| Motor timing | **20 degrees** |
| Motor wind | **5.5 turns** |
| Radio brand | **Futaba** |
| Radio model | **7PXR** |
| Servo brand | **Reedy** |
| Servo model | **RT1408** |
| Transponder ID | **8860996** |