# AE RC10 B7/D

Setup: My Base Setup · Ryan shook · May 17, 2024

so dialed
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### TRACK

| | |
|---|---|
| Track | Tacoma rc raceway |
| Type | Indoor clay |
| Grip / moisture | Medium/High / Dry |
| Surface / layout | Smooth/Medium / Tight/Medium |

### RESULTS

| | |
|---|---|
| Race type | Practice |
| Best lap | 17.222 s |

## FRONT SUSPENSION

| | |
|---|---|
| **ACKERMANN** | |
| Inner steering link shims | 1 mm |
| Steering plate | B6.3 FT Carbon HT +1 |
| Arms | Carbon |
| Axle height: steering block shims | +2 mm |
| Bellcrank link length | 1 mm |
| Bellcrank orientation | Up |
| Bulkhead | +/-2.5 deg aluminum |
| Bulkhead shims | 2 mm |
| Bump steer: outer steering link shims | 0 mm |
| Camber | -2 degrees |
| **CAMBER LINK** | |
| Inner location | 2 - Mid |
| Inner shims | 1 mm |
| Outer mount | -1 mm |
| Outer shims | 2.5 mm |
| Caster: caster block inserts | +5 degrees |
| Kick-up | +2.5 degrees |
| Ride height | 16 mm |
| Servo horn shims | 0 mm |
| **SHOCKS** | |
| Arm mounts | B - Mid |
| Tower mounts | 2 - Mid |
| Steering block KPI | 3 degrees |
| Steering blocks | Standard |
| Steering stop shims | 0 mm |
| Toe | 0 degrees |
| Tower | Standard |
| Track: wheel hexes | 5 mm |
| Wheelbase: caster block shims | Long |

**NOTES** R1 +2.5 bulkhead

## ESC SETTINGS

| | |
|---|---|
| Brake: Strength | 30 |
| Throttle: Frequency | 16k kHz |

## REAR SUSPENSION

| | |
|---|---|
| Arms | Standard |
| Axle height: hub inserts | +1 mm |
| C mount | R1 wide |
| C mount inserts | 1 down |
| Camber | -2 degrees |
| **CAMBER LINK** | |
| Inner location | 2 - Mid |
| Inner shims | 3 mm |
| Outer mount shims | 0 mm |
| Outer shims | 0 mm |
| D mount | R1 |
| D mount inserts | 1 down |
| Differential height | 1 mm |
| Hubs | Standard |
| Ride height | 17 mm |
| **SHOCKS** | |
| Arm mounts | B - Mid |
| Tower mounts | 2 - Mid-in |
| Tower | Standard |
| Track: wheel hexes | 5 mm |
| **WHEELBASE** | |
| Arm shims | Mid |
| Hub shims | Mid |

**NOTES** R1 +2mm rear link mount

## TIRES

| | FRONT | REAR |
|---|---|---|
| Tire brand / type | Jc smoothie 2 thick sidewall | Jc smoothie 2 |
| Tire compound | Silver | Silver |

## ELECTRONICS

| | |
|---|---|
| Battery brand | Reedy |
| Battery C rating | 130 C |
| Battery capacity | 4800 mAh |
| Battery model | Zapper |
| ESC brand | Hobbywing |
| ESC model | XR10 pro |
| Motor brand | Reedy |
| Motor model | Sp5 |
| Motor timing | 51 degrees |
| Motor wind | 21.5 turns |
| Servo brand | ProTek |
| Servo model | 160tbl |

## SHOCKS

| | FRONT | REAR |
|---|---|---|
| Cup offset | 5 mm | 0 mm |
| Eyelet length | +2 mm | +4 mm |
| Oil weight | 32.5 wt | 27.5 wt |
| Pistons | 2.5mm 2x1.8mm holes | 2.5mm 2x1.9mm holes |
| Springs | 3.6lb Blue | 2.0lb Gray |
| Stroke | 23 mm | 28 mm |

| | |
|---|---|
| Shock bodies | Standard |
| Shock oil brand | Team Associated |
| Shock shafts | Chrome |

## DRIVETRAIN

| | |
|---|---|
| Clutch pads | 2 x 19mm |
| Clutch type | Slipper |
| Differential fluid brand | Team Associated |
| Differential type | Ball |
| Drive ratio - final | 6.03 |
| Drive ratio - internal | 2.60 |
| Driveshafts | 69mm CVA |
| Pinion | 30 teeth |
| Spur | 72 teeth |

## BODY & CHASSIS

| | FRONT | REAR |
|---|---|---|
| Wing | B7 | B7 7" |

| | |
|---|---|
| Battery mount offset | Standard |
| Battery position | 2 |
| Body | B7 |
| Chassis | B7 +0mm |
| **FLEX** | |
| Gearbox | Standard |
| Side rails | Carbon |
| Top plate | Carbon |
| Rear wing angle | 6 degrees |
| Weights: electronics plate | 11g Aluminum |