RC8 B4.1

Driver: PvT Base setup after Day 4 **Event:** Team Test Day 4

Date: 03 February 2024 **Track:** Herts RC model Club

Qualify: **TQ:** ☐ **Main:** **Finish:** **Best Lap Time:** 46.5 seconds

RESET

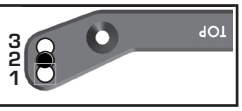
Front Suspension:

Ride Height: 23MM

Toe: 1 Degree **Hex:** KIT 0+ 81081

Anti-Roll Bar
Size: 2.2MM 81129
Gap: 2MM

Ackerman



Steering Arm Plate: +1 KIT 81640

Drive Shaft: CVAs: ☐ Universals: ■

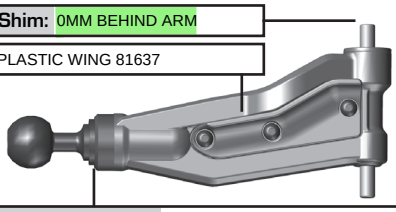
Upper Arm Material: SOFT 81637

Lower Arm Material: SOFT 81636

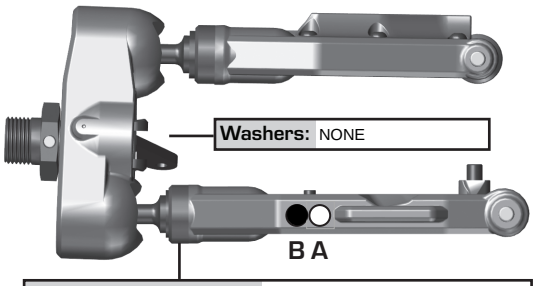
Notes: Have not played with Ackerman or +2 plates

Caster Shim: 0MM BEHIND ARM

Insert: PLASTIC WING 81637



Upper Ball Type & Shims: STEEL 1.4MM SHIMS

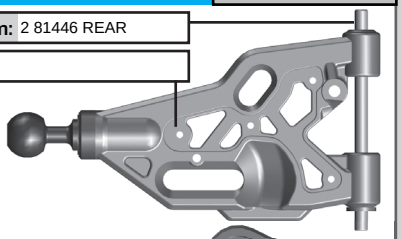


Washers: NONE

Lower Ball Type & Shims: STEEL 0.7MM SHIMS

Wheelbase Shim: 2 81446 REAR

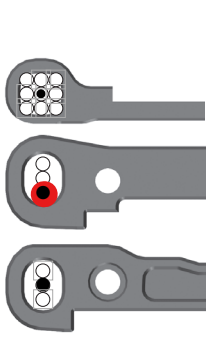
Insert: G10

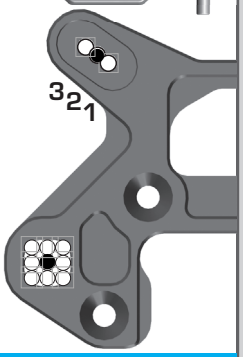


Upper Arm Mount:

Arm Mount A:

Arm Mount B:



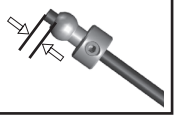


Rear Suspension:

Ride Height: 28MM

Camber: 1.5 Degree **Hex:** 1+ 81079

Anti-Roll Bar
Size: 2.7MM
Gap: FLUSH



Drive Shaft: CVAs: ☐ Universals: ■

Chassis Brace
Pivot Type: INSERT 81525
Insert Type: PLAS 81525

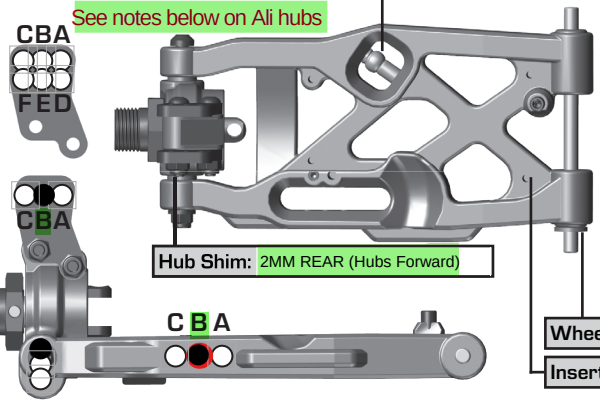
Arm Material: SOFT 81638

Notes: 44/13 GEARING 81468

Hub Tower: Std: ■ High / Low: ☐

Swaybar Ball Leverage: Wide: ■ Narrow: ☐

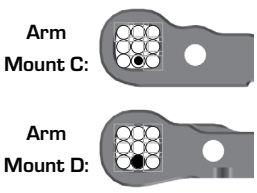
See notes below on Ali hubs



Hub Shim: 2MM REAR (Hubs Forward)

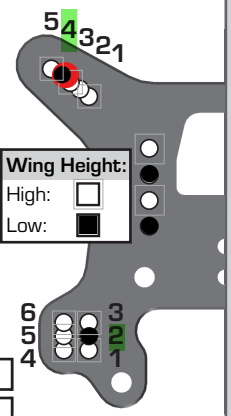
Arm Mount C:

Arm Mount D:



Wheelbase Shim: REAR OF ARM

Insert: NONE



Wing Height:
High: ☐
Low: ■

Electronics and Engine:

Radio: Sanwa M17 **Receiver:** RX493

Throttle Servo: Futaba CB701 Speed:

Steering Servo: Futaba CB701 Speed: -10%

EPA: Throttle: Brake: Steering:

EXPO: Throttle: Brake: Steering:

Brake Bias: 50/50 **D/R:**

Receiver Battery: LRP 2700

Engine: Reds SV Gen 3 **Temp:**

Pipe: 2143 M **Fuel:** Shoot (1% Castor)

Restrictor: 7mm **Glow Plug:** P4

Chassis Layout: FWB ☐ RWB ■

Notes:

Differential:

	Front	Center	Rear
Fluid:	15K	10K	10K
Gears:	LTC	HTC	LTC
Mass:			

Notes:

Clutch and Gearing:

Spur Gear: 47T **Bell:** 13T

Shoes: 2 ALI 81375 2 COMPOSITE 81402

Springs: 2 GOLD 1MM 81367 - 2 GREEN.95 81366

Notes: have not touched diffs, need to try HTC gears and play with oils

Shocks:

	Front	Rear
Piston:	6X1.3 Tapered 81207	6X1.4 Tapered 81207 9Drill)
Fluid:	45W 5430	45W 5430
Bladder:	Bladder 81182	Bladder 81182
Rebound:		
Spring:	WHITE V2 5.10LB 81223	BLUE 4.30LB 81231
Length:	100	125
Eyelet:	0	0

Notes: Tried 8 hole pistons 81210/81211 with 45wt oil, was also good but needs 47.5wt, Just a bit too much body roll and lack of stability BUT noticeably better in the bumpy stuff

Ali hubs - Set to match this sheet (STD) Ali have 4mm of extra FWD adjustment and 2 inbetween settings

Track Info:

Size: Large

Surface: Smooth

Traction: Medium - High

Moisture: 70% Humidity

Condition: Track not oiled but grip was ok Dusty off line, bar tyres good if in the groove

Temperature: 13 Dgrees

Notes:

Tires:

Front Tires: Cheste

Front Compound: Clay (Purple)

Front Insert: Procircuit

Rear Tires: Cheste

Rear Compound: Clay (Purple)

Rear Insert: Pro Circuit

Wheel (F/R): Pro Circuit

Notes:

Body, Weight:

Body: KIT 81568

Nose Cone:

Rear Wing: T-Works Lexan - High Downforce

Wing Angle: 0° ☐ 2° ■ 4° ☐

Wing Buttons: Flat ☐ Fin ☐

Vent Holes:

Total Weight:

Notes:

Radio Tray Flex Assembly:

Transponder Mount: ☐ **None:** ☐

Radio Tray Brace: ☐

Vehicle Comments:

Notes: Still need to test diffs, Front roll centres, Antisquat and rear camber. Front kickup was a massive change, much more steering and also reduced the front to back pitch, stayed flatter Rear got looser, made changes to compensate