CK25 Calandra Racing Concepts SETUP SHEET

Driver: Jared Bardin
Date: December 28, 2019
Event: Skycraft Hobbies Grand Prix
Track: Outlaw RC Motorsports Welland, ON
Result: TQ + 1st Can-Am 1/12 Stock

Track Conditions

☑ CRC Black ☐ CRC Grey ☐ ETS
☐ Flexible hockey boards + clicktrack
☐ Low ☐ Medium ☑ High
☐ Small ☐ Medium ☑ Large
☐ Smooth ☑ Both ☐ Bumpy
Temp: 70 **Humidity:**

Shock

Oil: CRC 30wt (kit)
Spring: CRC Red
Length:
Preload: .150" (varies for ride height)

Damper Tube

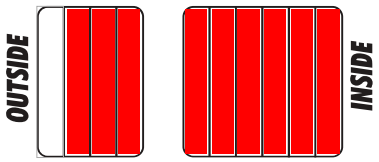
☐ 5k ☑ 10k ☐ 15k ☐ 20k
☐ 2 tubes; hi-pro ball studs on tweak plate

Front Tires

Compound: JFT Blue Stripe Handout
Diameter: 41mm, fully glued sidewall
Additive: SXT 3.0 out to blue stripe
Soak time: 10 min, wipe dry

Rear Tires

Compound: JFT Blue Stripe Handout
Diameter: 41mm
Additive: SXT 3.0
Soak time: 10 min, wipe dry



Electronics

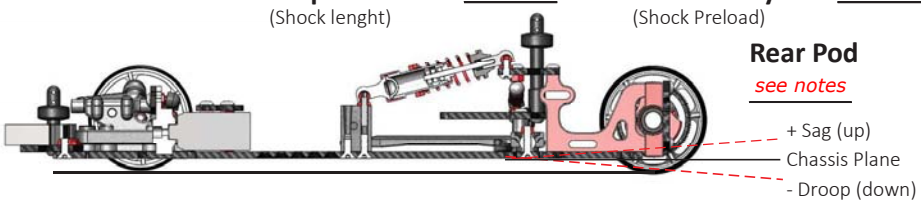
Motor: Can-Am Team Scream 17.5
Timing: Locked
Battery: CRC 6300mAh Rocket Fuel 1s
ESC: Hobbywing XR10 Stock Spec 1s
Ratio: 72/58 fixed

Aerodynamics

Body: Black Art Toyota (ultralight, back cut out)
Position: Standard

Car weight: 738g

Suspended Pod: see notes (Shock lenght)
Race Ready Pod: see notes (Shock Preload)
Rear Pod see notes

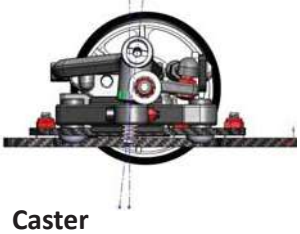


Ride Height - Front: 3.5mm **Middle:** 3.7mm **Rear:** 4.0mm

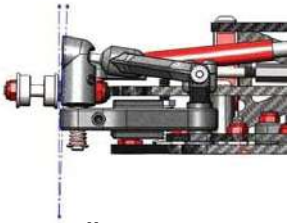


Kingpin Lube Losi Smartdiff Grease
Kingpin Length .400"

Dynamic Caster Block
☐ 0° ☑ 5° ☐ 10°



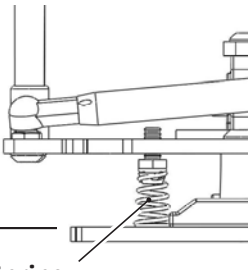
Camber: -1 deg



Front Spring
☐ 45 ☑ 50 ☐ 55 ☐ 60
☐

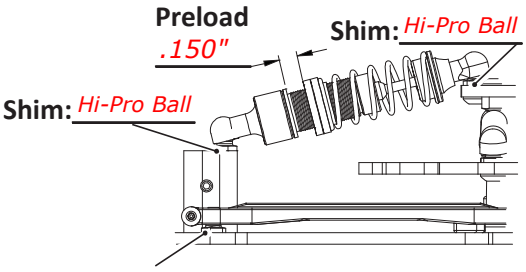
Caster
☐ 3 shims front
☑ 2 shims front
☐ 1 shim front
☐ All shims back

Roll Center Spacer
☑ 0mm
☐ 2mm
☐ 2.5mm



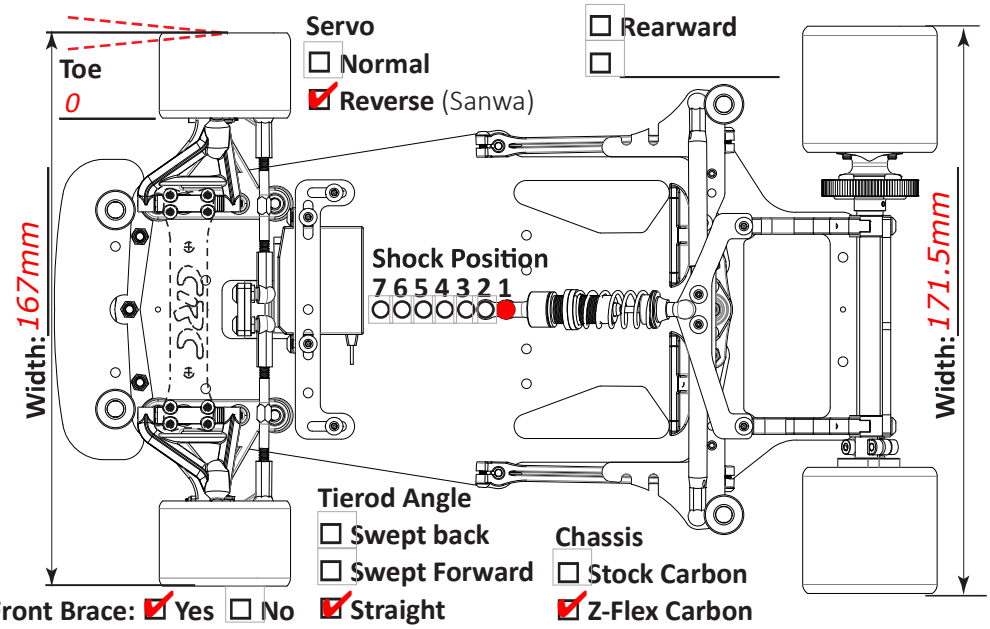
Side Spring Preload 1 turn

Side Spring
☑ 45 ☐ 50 ☐ 55 ☐ 60
☐ Mounted outboard



Rear Steer - Shim: none

Battery Position
☑ Forward
☐ Rearward
☐



Shock length/pod: Shock ball cup unscrewed 1.5 turns from tight. Uptravel measured at 1.6mm
Shock angle is stock, raised up using hi-pro ball studs for clearance
Car lifts inside rear wheel on both sides at start of race and finishes strong; consistent over a full run
For CON: will try stiffer center spring, ~1mm uptravel, .402" king pin if necessary

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