FENIX RACING G12 1/12 Pan Car

Setup Sheet v1.0

Front Suspension

Springs ❑ progressive ❑ linear ❑ bi-rate ❑ _____ **Rate / Color** _____

Make ❑ Fenix ❑ Asso ❑ CRC ❑ Xray ❑ _____ **Droop / Preload** _____ mm

Camber L+/- ° R+/- °

Toe in/out -/+ °

Brace ❑ fixed ❑ adjustable:

Brace spacer _____

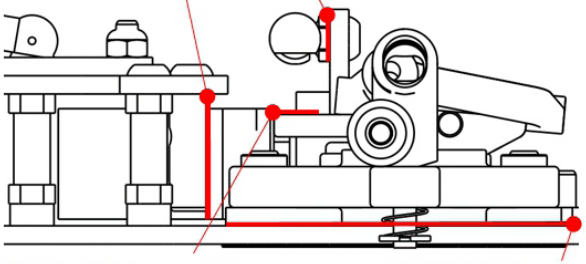
Steering **Servo Saver** ❑ large ❑ mid ❑ small

Servo Position ❑ left ❑ right

Inner steering link mounting holes

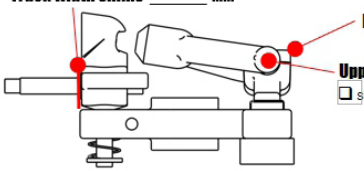
Ackermann Shims **Servo Saver** _____ mm

Servo mount _____ mm



Bumpsteer Shims _____ mm **Ride height Spacer** _____ mm

Track width shims _____ mm



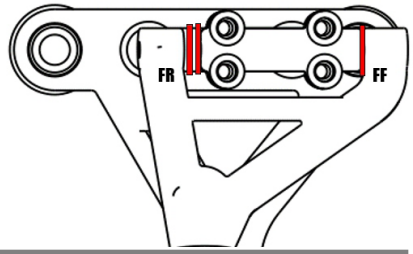
Pro strut roll center kit ❑ yes ❑ no

Upper arm

❑ standard ❑ long (dual arm)

Caster

Caster	Position	Shim placement FR	Shim placement FF
max	❑	3	-
med +	❑	2	1
med -	❑	1	2
min	❑	-	3



Reactive Caster Block

❑ 0° ❑ 5° ❑ 10°

Body

Make _____ **Weight** ❑ regular ❑ lightweight ❑ _____

Mounting Position ❑ regular ❑ forward ❑ backward **+ / -** _____ mm

Notes

Tx

St Expo + / - ____ % **St Travel (Dual Rate)** _____ % **Brake** _____ %

Th Expo + / - ____ %

Notes

Track & Event Information

Driver _____ **Date** _____

Event _____ **Weather** ❑ sunny ❑ cloudy ❑ windy ❑ raining

Track _____

Type ❑ asphalt ❑ carpet **Surface** ❑ bumpy ❑ smooth **Track condition** ❑ dry ❑ humid ❑ wet

Layout ❑ tight / technical ❑ fast / flowing ❑ _____

Grip level ❑ very high ❑ high ❑ medium ❑ low ❑ very low ❑ clean ❑ dusty ❑ treated

Times	Best Run	Best Lap	Air Temp	Track Temp
Practice	____ Laps in ____ Min ____ Sec	____ Sec	____ °C / F	____ °C / F
Qualifying	____ Laps in ____ Min ____ Sec	____ Sec	____ °C / F	____ °C / F
Finals	____ Laps in ____ Min ____ Sec	____ Sec	____ °C / F	____ °C / F

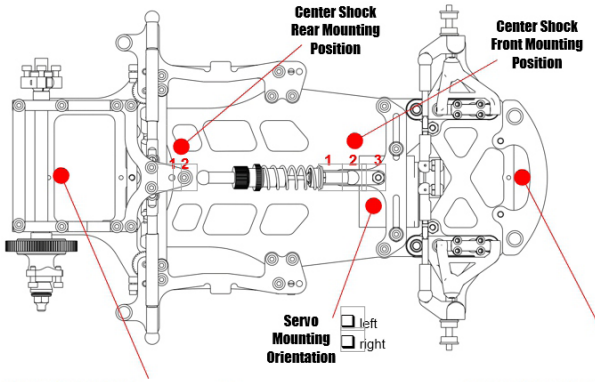
Chassis Configuration

Main Chassis ❑ aluminium ❑ carbon **Motor Pod** ❑ aluminium ❑ carbon

Motor Pod ❑ aluminium ❑ carbon

Battery ❑ shorty 1s ❑ shorty 2s **Battery Orientation** ❑ connectors left ❑ connectors right

ESC, Rx, Battery and Transponder Placement:



Rear Ride Height _____ mm **Front Ride Height** _____ mm

Rear Overall Track Width _____ mm **Front Overall Track Width** _____ mm

Front Tyres

Make _____ **Shore** _____ °

Diameter _____ mm

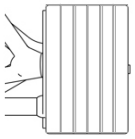
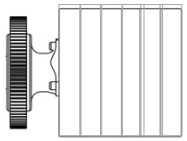
Rear Tyres

Make _____ **Shore** _____ °

Diameter _____ mm

Additive

Make _____

Application	Front	Rear
Treatment duration	_____ min	_____ min
Treatment area		

Motor

Make _____ **Turns** _____ T **Timing** _____ °

Notes

Rear Suspension

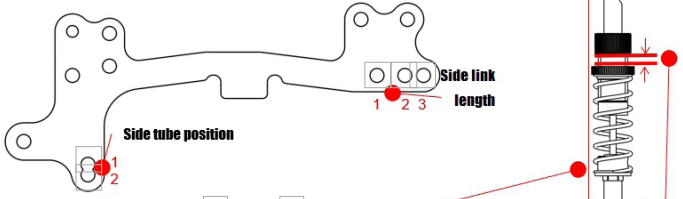
Side Springs **Brand** ❑ CRC ❑ AE ❑ Corally ❑ Xray ❑ _____ **Preload** _____ mm

Rate / Color _____

Spring Type ❑ linear ❑ progressive ❑ _____

Side Tubes **Lube Weight** _____ wt / cst

Lube Brand _____



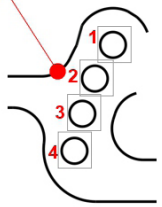
Center Shock **Length** ❑ standard ❑ _____ mm

Spring Brand ❑ Fenix ❑ Tamiya ❑ Corally ❑ Serpent ❑ _____

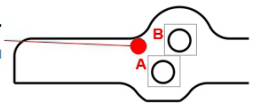
Rate / Color _____ **Preload** _____ mm

V-Link Setup

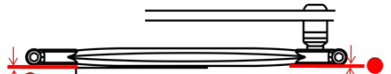
Upper V-Link Position



Lower V-Link Position



Side link inclination (rear axle bumpsteer)



Rear _____ mm Inclination (△ Front ./. Rear) _____ mm Front _____ mm

Positive Inclination (front higher)

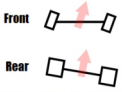
negative bumpsteer: the outer wheel goes into a toe-out position, hence generating more steering (a tighter turning radius)

+ increase corner speed under high grip conditions
+ increase mid-corner steering

- loose rear end at corner entry under low grip conditions
- reduced traction at corner exit

Negative Inclination (rear higher)

positive bumpsteer: the outer wheel goes into a toe-in position and stabilizes the rear end



+ increase traction under low- or medium grip conditions
+ avoid snap-oversteer

- car tends to push at corner entry
- reduced on-power steering

Rear Axle

Axle **Make** ❑ titanium ❑ graphite

Differential ❑ sphere ❑ gear ❑ spool **Gear Diff Oil** _____ wt / cst

Diff balls ❑ ceramic ❑ carbide ❑ steel

Track Width Spacer **left** _____ mm **right** _____ mm

Ride height spacer _____ mm

Spur **Pitch** ❑ 64dp ❑ 48dp **Rollout** **Pinion** _____ T

Size _____ T **Gear Ratio** ____ : ____

Final Rollout _____ mm

ESC

Make _____ **Mode** ❑ blinky ❑ open ❑ _____

Brake **Strength** _____ % **Brake Frequency** _____ kHz

Auto / Drag Brake _____ % **Initial Brake** ❑ 0% ❑ =DragBrake ❑ _____ %

Brake Curve ❑ linear ❑ _____

Throttle **Punch** _____ **Drive Frequency** _____ kHz

Throttle Curve ❑ linear ❑ _____ ❑ Boost _____ ° ❑ Turbo _____ °

Notes

FENIX RACING 2021

Arno