COUGAR KF

Driver and Event

Name	Tom Cockerill
Date	August '14
Event	RHR National
Weather	Dry, Hot
Result	A3

Track Conditions

Surface	100% Astro
Grip Level	High
Track Condition	Bumpy, High Grip

Additional Settings

Car Weight	1764g
Washers Between CTR and Bellcranks	0 mm
Bump Steer Washers	1.0 mm
Wing Gurney Height	Med Line mm

NOTES

Front Wheel Cut Slim, Low Grip Chassis (U4586) w/Rearward Motor, Rear Mounted Rear Shocks (U4616), Alloy 5 Deg Front Yokes (U4228), Alloy Rear Block Conversion (U4160), MIP Puck Drive, 46 under Lipo, TrishBits Side & Nose Weights, SV2 Rear Arm (U4055), Alloy CTR (U4619)

Electrics and Gearing

E.S.C	Nosram Comet HD
Servo	KO RSx2 Response
Reciever	KO
Batteries	Nosram 4700 Shorty
Motor	Nosram Pure 2 8.5
Spur	71
Pinion	27
Side Gears	23T/33T Kit ☐ 21T/35T ☒ 25T/31T ☐

Wheels and Tyres

Rear Wheels	Schumacher Hex (U4366)
Rear Tyre	Sch Yellow MiniSpike (U6558)
Rear Insert	Schumacher Medium (U6734)
Front Wheels	Schumacher Hex (U4368)
Front Tyre	Sch Yellow Stagger (U6592)
Front Insert	None

Diff Type

Ball ☒ Gear ☐

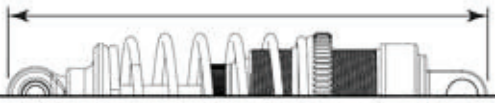
Diff Oil: N/A

Front Shocks

Oil	Spring	Shock Cap
Core RC 550	Schumacher 4.5	Sealed ☐ Vented ☐ Emulsion ☒

Piston: 3 Hole

Drilled ☐ Hole Size Std mm



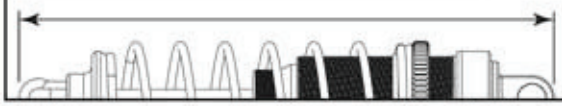
Shock Length 22.70 mm

Rear Shocks

Oil	Spring	Shock Cap
Core RC 400	Core RC Blue	Sealed ☐ Vented ☐ Emulsion ☒

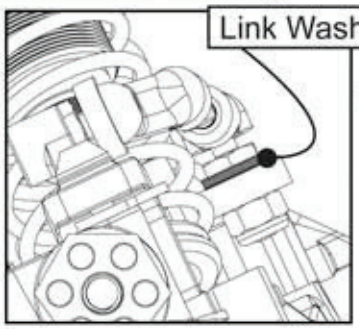
Piston: 3 Hole

Drilled ☒ Hole Size 1.60 mm

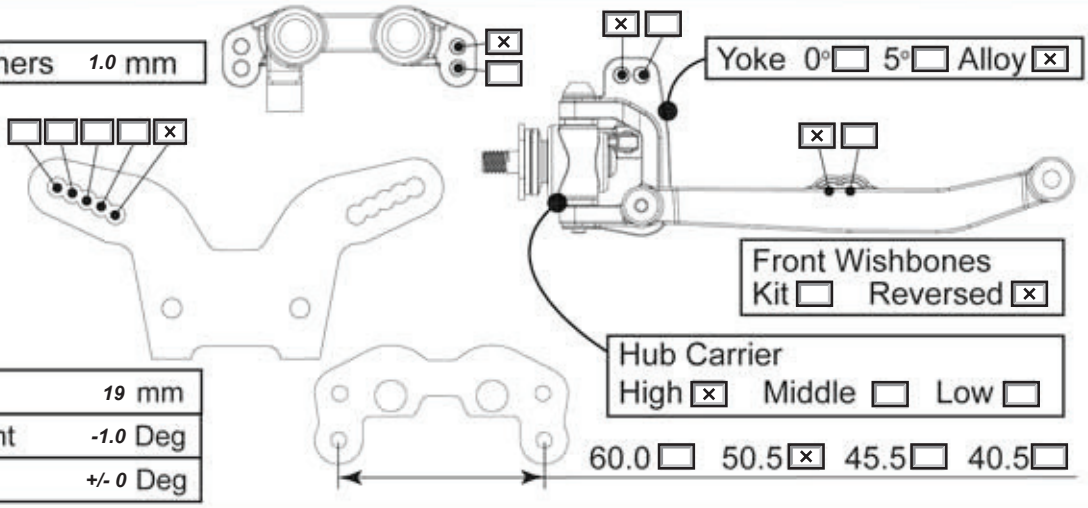


Shock Length 27.70 mm

Front Suspension



Link Washers 1.0 mm



Yoke 0° ☐ 5° ☐ Alloy ☒

Front Wishbones Kit ☐ Reversed ☒

Hub Carrier High ☒ Middle ☐ Low ☐

60.0 ☐ 50.5 ☒ 45.5 ☐ 40.5 ☐

Front Ride Height	19 mm
Front Camber at Ride Height	-1.0 Deg
Front Toe In	+/- 0 Deg

Rear Suspension

Anti roll bar: No ☒ 1.00 ☐ 1.20 ☐ 1.40 ☐ 1.60 ☐

Wheelbase: Short ☐ Med ☐ Long ☒

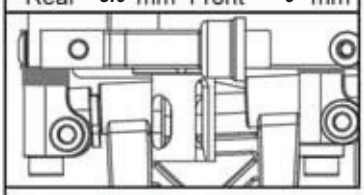
Camber at Ride Height -2.0 Deg

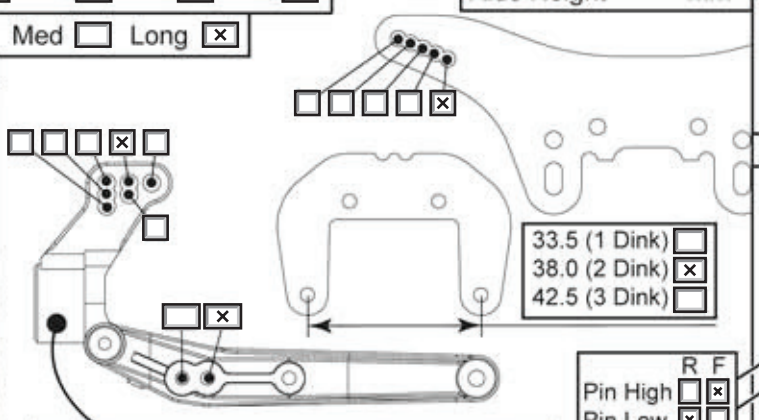
Ride Height 20 mm

Rear Toe-in & Track Washers

- 0.00 Difference = 0.00° Toe-in ☐
- 0.50 Difference = 0.60° Toe-in ☐
- 1.00 Difference = 1.30° Toe-in ☐
- 1.50 Difference = 1.95° Toe-in ☐
- 2.00 Difference = 2.60° Toe-in ☐
- 2.50 Difference = 3.25° Toe-in ☐
- 3.00 Difference = 3.90° Toe-in ☒

Rear 3.0 mm Front 0 mm





33.5 (1 Dink) ☐
38.0 (2 Dink) ☒
42.5 (3 Dink) ☐

	R	F
Pin High	☐	☒
Pin Low	☒	☐

Rear Hub Carrier Alloy ☐ Std ☒

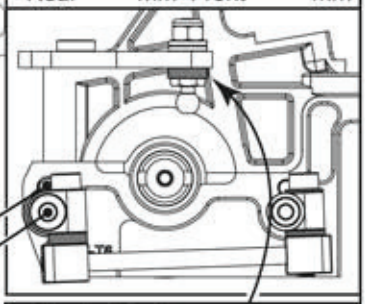
Alloy Hub Carrier +1° ☐ -1° ☐

Blocks Moulded ☐ Alloy ☒

Anti-squat Washers

- 0.00 Difference = 0.00° Anti-squat ☐
- 0.50 Difference = 0.60° Anti-squat ☐
- 1.00 Difference = 1.30° Anti-squat ☐
- 1.50 Difference = 1.95° Anti-squat ☒
- 2.00 Difference = 2.60° Anti-squat ☐
- 2.50 Difference = 3.25° Anti-squat ☐
- 3.00 Difference = 3.90° Anti-squat ☐

Rear 0 mm Front 3.50 mm



Link Washers 2.0 mm