Schumacher Cougar LD3

Setup: COBRA 10/11/24 · Liam Toole · Nov 15, 2024

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Open/save in RC Setup App →

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EVENT

Event	Club day

TRACK

Track	COBRA
Type	Indoor carpet
Grip / moisture	High/Medium / Dry
Surface / layout	Smooth / Tight/Medium
Air temp	17.5°C (64°F)
Track temp	25°C (77°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering arms	C
Anti-roll bar	0 mm
Arms	Stiff
Axle height: hub shims	1 mm
Bump steer: outer steering link shims	1 mm
Camber	-2 degrees
CAMBER LINK	
Inner location	3 - Out
Inner mount	Alloy
Inner shims	2 mm
Outer location	C
Center track rod	Alloy
Center track rod stud location	1
Pivot block	Brass
Pivot block height	+0 mm
Ride height	13 mm
Shock tower	S2
SHOCKS	
Arm mounts	B - Out
Tower mounts	2
Steering blocks	Standard
Steering crank mount location	2 - Out
Toe	0 degrees
Track: wheel hexes	-0.75 mm
WHEELBASE	
Arm orientation	+0 mm
Chassis insert	+5 mm
Hub shims	+1.5 mm
Yokes	5 deg alloy

REAR SUSPENSION

Anti-roll bar	1.3 mm
Anti-squat: strap spacer	1 degrees
Arm length	2 - Long
Arms	Stiff
Camber	-1 degrees
CAMBER LINK	
Inner location	Carbon
Inner shims	3 mm
Outer location	Inboard - back outside
Outer shims	3
Differential height	High mm
Hub height: insert orientation	High
Hub inserts	Wide C
Hubs	Standard
Low roll center shim	No
Ride height	13 mm
Shock location	Front of arm
Shock tower	S2
SHOCKS	
Arm mounts	B - Mid
Tower mounts	3
Toe: arm mount inserts	1.5 degrees
Track: wheel hexes	+0.75 mm
Wheelbase: hub shims	+2 mm

TIRES

	FRONT	REAR
Tire brand / type	Splinter	Cactus
Tire inserts	Half black slim	Medium
Wheel brand / type	Schumacher	Schumacher

NOTES Glue up to web

SHOCKS

	FRONT	REAR
Bodies	Kit	Kit
Caps	Aeration	Aeration
Limiters - ext	0 mm	0 mm
Limiters - int	2 mm	0 mm
Oil weight	600 cst	400 cst
Pistons	2 x 1.7mm - Red	2 x 1.8mm - White
Springs	4.3lb Orange	Hi-response 2.6lb Black
Stroke	20.5 mm	27.8 mm
Shock oil brand	CORE	

NOTES VRP PISTONS

DRIVETRAIN

Clutch pads	3
Differential fluid	100,000 cst
Differential fluid brand	Core
Differential type	4-gear
Drive ratio - internal	2.53
Drive type	Slipper
Driveshafts	Universal
Gearbox	Laydown
Pinion	21 teeth
Spur	80 teeth

BODY & CHASSIS

	FRONT	REAR
Wing	–	Kit
Battery position	6	
Body	Kit	
FLEX		
Chassis	Alloy	
Cross brace	None	
Motor plate	Aluminum	
Radio tray position	3 - Front	
Rear wing gurney height	0 mm	