Schumacher Cougar LD3

Setup: Caldicot RC Racers Club EOS carpet · Craig Harris (Schumacher) · Nov 15, 2025

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Open/save in RC Setup App →

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EVENT

Event	Club
Class	2wd

TRACK

Track	Caldicot RC Racer
Type	Indoor carpet
Grip / moisture	Medium / Dry
Surface / layout	Smooth / Tight/Medium
Air temp	17.5°C (64°F)

FRONT SUSPENSION

ACKERMANN	
Inner steering link shims	1 mm
Steering arms	Kit
Anti-roll bar	0.9 mm
Arms	Carbon fiber
Axle height: hub shims	0 mm
Bump steer: outer steering link shims	1 mm
Camber	-1 degrees
CAMBER LINK	
Inner location	3 - Out
Inner mount	Alloy
Inner shims	4 mm
Outer location	A Out
Center track rod	Alloy
Center track rod stud location	2
Pivot block	Brass 30g
Pivot block height	+0 mm
Ride height	12 mm
Shock tower	S2
SHOCKS	
Arm mounts	B - Out
Tower mounts	3
Steering blocks	Standard
Steering crank mount location	2 - Out
Toe	-1 degrees
Track: wheel hexes	-2 mm
WHEELBASE	
Arm orientation	+0 mm
Chassis insert	+0 mm
Hub shims	+1.5 mm
Yokes	5 deg alloy

NOTES +4.5 WHEELBASE
Alloy C hub
Captive Ballstud on inner link

REAR SUSPENSION

Anti-roll bar	1.3 mm
Anti-squat: strap spacer	2 degrees
Arm length	2 - Long
Arms	Carbon fiber
Camber	-2 degrees
CAMBER LINK	
Inner location	2 - Outside
Inner shims	4 mm
Outer location	Inboard - back inside
Outer shims	2.5
Differential height	High mm
Hub height: insert orientation	High
Hub inserts	G
Hubs	Standard
Ride height	12 mm
Shock location	Front of arm
Shock tower	S2
SHOCKS	
Arm mounts	B - Mid
Tower mounts	2
Toe: arm mount inserts	1 degrees
Track: wheel hexes	0 mm
Wheelbase: hub shims	+4 mm

NOTES HIGH PIN
67mm (D) UJ Driveshafts
V2 alloy Camber Link

TIRES

	FRONT	REAR
Tire brand / type	Schumacher Splinter	Schumacher Azami
Tire inserts	Medium	Cragg Blue
Wheel brand / type	Schumacher	Schumacher

NOTES Thin line of glue on outside wall of front tire

SHOCKS

	FRONT	REAR
Bodies	Kashima	Kashima
Caps	Aeration	Aeration
Limiters - ext	2mm o ring mm	2mm o ring mm
Limiters - int	0 mm	0 mm
Oil weight	550 cst	425 cst
Pistons	3 x 1.5 a White (U???)	3 x 1.6 - Black (U???)
Springs	Agile 4.3lb Orange (AX110)	Agile 2.6lb Black (AX109)
Stroke	21.5 mm	28.3 mm
Shock oil brand	CORE	

DRIVETRAIN

Clutch pads	2
Differential fluid	15,000 cst
Differential fluid brand	Core RC
Differential type	2-gear
Drive ratio - internal	2.53
Drive type	Slipper
Driveshafts	Universal
Gearbox	Laydown
Pinion	22 teeth
Spur	76 teeth

NOTES HD Slipper Pads

BODY & CHASSIS

	FRONT	REAR
Wing	Aerox	Kit
Battery position	8	
Body	Kit	
FLEX		
Chassis	Alloy	
Cross brace	None	
Motor plate	Aluminum	
Radio tray position	3 - Front	
Rear wing gurney height	0 mm	
Screws & turnbuckles	T-Works Gold screws 3.5mm turnbuckles	
Weights: standard	Radio tray	

NOTES 67mm Universal Driveshafts

ELECTRONICS

Battery brand	**Intellect Pioneering**
Battery capacity	**4400 mAh**
ESC brand	**Hobbywing**
ESC model	**XR10 G2S**
Motor brand	**LRP**
Motor model	**X22**
Motor rotor diameter	**Stock mm**
Motor timing	**27 degrees**
Motor wind	**7.5 turns**
Radio brand	**Sanwa/Airtronics**
Radio EPA brake	**100 %**
Radio EPA throttle	**100 %**
Radio model	**Exzes Z3**
Receiver brand	**Sanwa/Airtronics**
Receiver model	**RX493**
Servo brand	**Agfrc**
Servo model	**A81BHPW**

ESC SETTINGS

BOOST

Ramp	**-**
RPM End	**29000 rpm**
RPM Start	**12500 rpm**
Timing	**0 degrees**

BRAKE

Curve	**Traditional**
Drag	**12 %**
Frequency	**1 kHz**
Strength	**70**

THROTTLE

Curve	**0**
Frequency	**12 kHz**
Initial strength	**3 %**
Strength	**•**

TURBO

Activation method	**Delay**
Delay	**.15 seconds**
Ramp	**2**
Timing	**7 degrees**

NOTES Drag Brake Rate=15
Brake Rate= 15
Throttle Rate= 7
Softening Value= 25
Softening range= 75