COUGAR LD3 — SET UP SHEET

Schumacher

PRO 1/10th 2WD Off-Road Buggy

Driver: Brady Kent **Date:** November 16, 2026 **Event/Track:** Club Race 11/17/26 FMRC Raceway

Qualify: **Final:** 1 **Best Lap:** 10.106 s

Setup: FMRC 2026/27 Open in So Dialed App

TRACK TYPE

Grip Level	High ● Medium ☐ Low ☐
Type	Tight ● Open ☐ Mixed ☐
Condition	Flat ● Bumpy ☐ Mixed ☐
Surface	Clay ☐ Long Astro ☐ Carpet ● Grass ☐ Short Astro ☐ Mixed ☐
Weather	21C/70F

TYRES

	FRONT	REAR
Tyres	JConcepts Pin Swag	JConcepts FuzzBite
Wheels	Schumacher	Schumacher
Inserts		JConcepts Gray

Notes:

Glue front sidewalls to bottom of outside tread blocks

Notes: More: sodialed.com/setups

P2 Qualifier P1 A-Main finish

R1 -3 Carbon Fiber

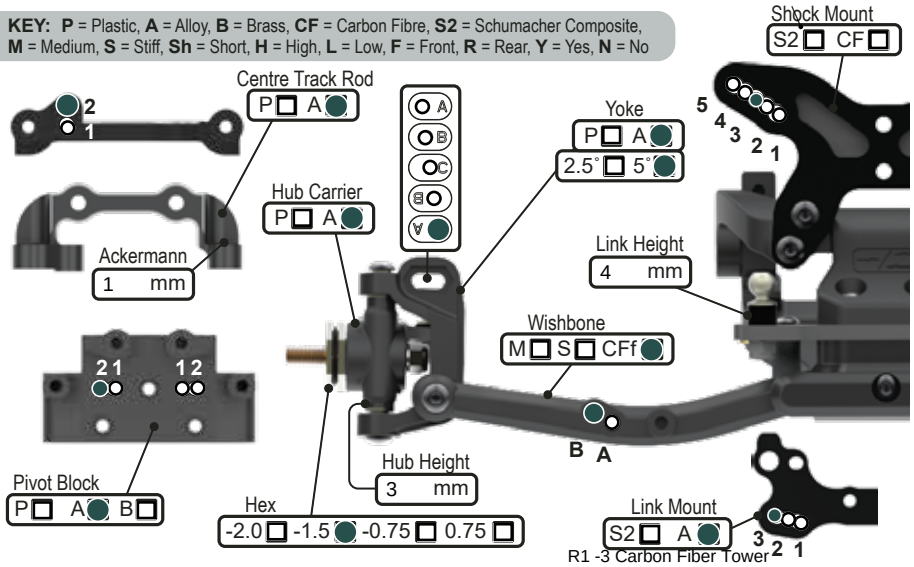
FRONT SUSPENSION

KEY: **P** = Plastic, **A** = Alloy, **B** = Brass, **CF** = Carbon Fibre, **S2** = Schumacher Composite, **M** = Medium, **S** = Stiff, **Sh** = Short, **H** = High, **L** = Low, **F** = Front, **R** = Rear, **Y** = Yes, **N** = No

Ride Height	14 mm
Wheelbase	0 ☐ +1.5 ☐ +3.0 ☐ +4.5 ☐
Toe	-0.5 deg
Camber at Ride Height	-2 deg
Anti Roll Bar	0.9 ● 1.0 ☐ 1.1 ☐ 1.2 ☐
Front Wing	Yes
Bump Steer Washers	1 mm
Pivot Block Height	H ● M ☐ L ☐
Steering Arm	Kit ● A ☐ B ☐ C ☐

Notes:

Shocks behind front tower R1 -3 Carbon fiber tower Worlds Flat Servo Mount Whitz Ceramic Bearings



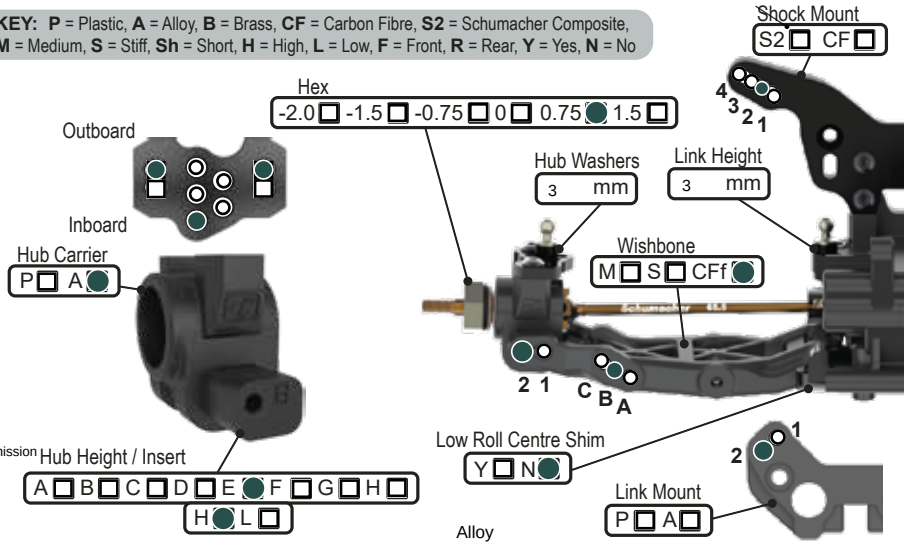
REAR SUSPENSION

KEY: **P** = Plastic, **A** = Alloy, **B** = Brass, **CF** = Carbon Fibre, **S2** = Schumacher Composite, **M** = Medium, **S** = Stiff, **Sh** = Short, **H** = High, **L** = Low, **F** = Front, **R** = Rear, **Y** = Yes, **N** = No

Ride Height	14 mm
Wheelbase	0 ☐ +2 ☐ +4 ☐ +6 ●
Anti-Squat	1° ☐ 2° ● 3° ☐ 4° ☐
Toe	4° ☐ 3.5° ☐ 3° ☐ 2.5° ☐ 2° ☐ 1.5° ☐ 1.0° ● 0.5° ☐
Camber at Ride Height	-2 deg
Anti Roll Bar	1.0 ☐ 1.1 ☐ 1.2 ☐ 1.3 ● 1.4 ☐
Wing Gurney Height	mm
Rearward Shock Position	Y ☐ N ●
Driveshaft Type	CVD ☐ U/J ●
Gearbox Type	Laydown ☐ Layback ☐ Schumacher Spider Transmission

Notes:

Worlds Rear Pill System R1 -3 Rear Shock Tower Alloy rear link mount 67.3 mm U-Joints Whitz Ceramic Bearings



TRANSMISSION

B = Ball, **2g** = 2 Gear, **4g** = 4 Gear

Diff Height	H ● M ☐ L ☐
Diff Oil	60,000 cSt
Diff Type	B ☐ 2g ● 4g ☐
Motor	R1 Wurks
Rotor Dia.	17.5 mm
Timing	42 deg
Pinion	31 t
Spur	71 t
Motor Plate	A ☐ CF ●
Lock Out	Y ● N ☐
Slipper Plates	2 ☐ 3 ☐

CHASSIS

Chassis	A ● C/F ☐
Chassis Insert	0mm ● +5mm ☐
LiPo Position	1 2 3 4 5 6 7 8 ☐ ☐ ☐ ☐ ☐ ☐ ☐ ●
X Brace	Y ☐ N ●
Running Weight	1450 g
Radio Tray	1 ☐ 2 ● 3 ☐

Notes:

EQUIPMENT

E.S.C.	Hobbywing
Servo	ProTek
RX	Sanwa/Airtronics
LiPo	Cayote
Bodyshell	JConcepts S2

WEIGHTS

Chassis	F ☐ R ☐
Rear Strap	F ☐ R ☐
Radio Tray	Y ● N ☐
Under LiPo	Y ☐ N ☐

SHOCKS

KEY: **i** = Internal, **e** = External, **V** = Vented, **S** = Sealed, **A** = Aeration

	FRONT	REAR
Cap	V ☐ S ☐ A ☐	V ☐ S ☐ A ☐
Body	Kashima	Kashima
Oil	500 cst	450 cst
Piston	VRP 2 x 1.7 - Black valve	VRP 2 x 1.9 - Black valve
Spring	HR 4.0 Black	HR 2.6 Black
Limiters (i)	0 mm	0 mm
Stroke	23 mm	27.5 mm
Limiters (e)	2 mm	O-Ring mm

Alloy



Notes:

Front shocks behind the shock tower. Aluminum shock caps.