Kyosho Lazer ZX7

Setup: Scotty Ernst UK Showdown 2023 · Javi Sautua · Dec 5, 2023

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EVENT	
Event	Scotty Ernst UK showdown 2023
Class	4wd mod

TRACK	
Track	RHR
Type	Outdoor astroturf
Grip / moisture	Medium / Dry
Surface / layout	Rutted / Open
Air temp	15°C (59°F)

RESULTS	
Race type	Main
Race number	C
Finish	1st

FRONT SUSPENSION

Anti-roll bar	1.8
Anti-roll bar end gap	2 mm
Arms	LAW73
Axle height: hub carrier spacers	Low (above hub carrier)
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Front
Inner stud spacers	0.5 mm
Inner studs	Short
Outer stud location	A - Inside
Outer stud spacers	2
Caster: hub carrier inserts	10 degrees - A0/B0 down
FF mount inserts	B out
FF mount spacers	0.5 mm
FR mount inserts	B out
FR mount spacers	0.5 mm
Hub carrier	Kit
Ride height	15 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle-in
Steering block	Kit
STEERING LINK	
Inner stud location	1 - Back
Inner stud spacers	LA246 mm
Outer stud spacers	1 mm
Toe	-1 degrees
Tower	LAW82
Track: wheel hexes	Kit
Upper bulkhead	Kit
Wheelbase: arm spacers	Medium

NOTES Sus bushing: narrow

ELECTRONICS

Battery brand	Intellect IP
Battery capacity	4400 mAh
Battery model	LCG
ESC brand	Maclan
ESC model	M32t pro
Motor brand	Maclan
Motor model	V3m
Motor timing	30 degrees
Motor wind	6.5
Radio EPA steering	100 %
Radio EPA throttle	100 %

REAR SUSPENSION

Anti-roll bar	1.7
Anti-roll bar end gap	2 mm
Arm length (arm inserts)	Wide
Arms	Kit
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Front
Inner stud spacers	1 mm
Inner studs	Medium
Outer stud location	B - Outside
Outer stud spacers	3 mm
Hubs	0 degree Type B
RF mount inserts	E out
RF mount spacers	3pip mm
Ride height	15 mm
RR mount inserts	C out
RR mount spacers	2pip mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle-in
Tower	LAW83
Track: wheel hexes	Kit
WHEELBASE	
Arm spacers	Long (arms back)
Hub spacers	Front 1mm / rear 3mm

BODY & CHASSIS

Body	Kit
Center bulkhead position	Forward
Chassis brace - front	Kit + Carbon
Chassis brace - rear	Kit + Carbon
Rear wing	Yokomo Gokuraku
Rear wing angle	4 degrees
Rear wing lip height	All cut mm
Rear wing mount height	Low
Screws & turnbuckles	Std
Weights	25g under battery

NOTES LAW80 (battery forward)

SHOCKS

	FRONT	REAR
Caps	Aluminum	Aluminum
Cup offset	Standard	Short
Eyelet length	Short	Medium
Limiters (external)	0 mm	0 mm
Limiters (internal)	0 mm	0 mm
Oil weight	45 wt	32.5 wt
Pistons	2 x 1.6mm	2 x 1.8mm
Springs	AE Orange V2	AE Blue V2
Stroke	22 mm	28 mm
Shock O-rings	O-ring	
Shock oil brand	Team Associated	

NOTES Long front shock shafts

DIFFERENTIALS

	FRONT	REAR
Diff fluid	10,000 cst	10,000 cst
Diff type	Gear	Gear
Center diff fluid	300,000 cst	
Diff fluid brand	Team Associated	

DRIVETRAIN

Drive ratio - internal	2.5
Drive type	Differential
Driveshafts - center front	LAW77
Driveshafts - center rear	LAW79
Driveshafts - front	74mm
Driveshafts - rear	62.5mm
Pinion	21 teeth
Spur	78 teeth

TIRES

	FRONT	REAR
Tire brand / type	Schumacher mezzo	Schumacher cactus
Tire compound	Yellow	Yellow
Tire insert	Open cell rear	Schumacher Cragg
Tire prep	3 outer rows and 3 inner rows cut	–
Wheel brand / type	Kyosho	Yokomo

NOTES Front tire sidewall glued