2WD Dirt Oval (L/R Separate)

Setup: Five Seven Designs gf6 Dirt baseline setup · John Dannenberger · Nov 29, 2022

so dialed
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EVENT

Event	Club Race
Class	Open 2wd modified

TRACK

Track	Desert Hawks RC Club Havasu RC Raceway Dirt Oval
Type	Outdoor loose/loamy
Grip / moisture	Medium / Wet
Surface / layout	Medium/Bumpy / Medium
Air temp	95°F (35°C)
Track temp	95°F (35°C)

RESULTS

Race type	Main
Finish	1st

FRONT SUSPENSION

Camber - L	+2 degrees
Camber - R	-2 degrees
CAMBER LINK	
Inner stud location - L	Inner
Inner stud location - R	Inner
Inner stud spacers - L	1 mm
Inner stud spacers - R	2 mm
Outer stud location - L	Middle top
Outer stud location - R	Middle bottom mm
Caster - L	20 degrees
Caster - R	22.5 degrees
Kick-up	25 degrees
SHOCKS	
Arm mounting hole - L	Middle
Arm mounting hole - R	Middle
Tower mounting hole - L	Outside bottom
Tower mounting hole - R	Outside bottom
Toe	+0.5 degrees
Tower	Custom 3d printed 5mm thick tower

NOTES Custom 3d printed patent pending caster blocks

brass left front steering block from Reilley Motorsports

DRIVETRAIN

Clutch type	Slipper
Differential fluid	N/A cst
Differential type	Ball
Drive ratio - internal	2.6
Pinion	21 teeth
Spur	81 teeth

NOTES Matt Olson Designs lightweight ball diff kit
Layback transmission
Avid Slipper

REAR SUSPENSION

Anti-squat - L	3 degrees
Anti-squat - R	1 degrees
Camber - L	+2 degrees
Camber - R	-2 mm
CAMBER LINK	
Inner stud location - L	Inside
Inner stud location - R	Inside
Inner stud spacers - L	1 mm
Inner stud spacers - R	2 mm
Outer stud location - L	Outside top custom mounts
Outer stud location - R	Outside bottom custom mounts mm
SHOCKS	
Arm mounting hole - L	Outside
Arm mounting hole - R	Outside
Tower mounting hole - L	One in from outside on 57 Designs gf6 tower
Tower mounting hole - R	One in from outside on 57 Designs gf6 tower
Toe - L	3 degrees
Toe - R	0 degrees
WHEELBASE	
Arm spacers - Left - F/R	2 mm
Arm spacers - Right - F/R	2 mm
Hub spacers - Left - F/R	01 / 0 mm
Hub spacers - Right - F/R	01 / 0 mm

NOTES Plan B Racing adjustable rear arms
57 Designs Prodigy hubs and axles
Brass left rear hub
Brass left rear outer arm
Custom 3d printed camber link mounts on top of hubs
Hubs one hole up from the bottom hole

SHOCKS

	FRONT	REAR
Bodies - L	Stock sc6.1	Stock sc 6.1
Bodies - R	Stock sc6.1	Stock sc6.1
Cups - L	5mm	5mm
Cups - R	0mm	5mm
Oil weight - L	800 cst	800 cst
Oil weight - R	800 cst	800 cst
Pistons - L	VRP 1.6 2 stage piston	VRP 1.7 2 stage piston
Pistons - R	VRP 1.7 2 stage piston	VRP 1.8 2 stage piston
Shaft length - L	stock Sc 6.1 mm	Stock sc6.1 mm
Shaft length - R	Stock sc6.1 mm	Stock sc6.1 mm
Shock length - L	82mm eye to eye mm	91mm eye to eye mm
Shock length - R	76mm eye to eye mm	93mm eye to eye mm
Springs - L	5 pound Custom Works	Stock 2.2 pound Associated truck spring
Springs - R	6 pound Custom Works	3 pound Custom Works

Shock oil brand	Ultimate

NOTES RacinDots Racer Spacer internal shock spacers
Left front 1 red spacer
Right front 1 red, 1 yellow and 1 white spacer
Rear 1 green both shocks
Long shock eye left front and right rear
Short shock eye right front and left rear

BODY & CHASSIS

Battery position	Rear
Body	MR/Kustoms ViKtory sc modified
Chassis	Five Seven Designs gf6
Rear wing	1.5”
Screws & turnbuckles	Full top and bottom titanium screws JF Bearings ceramic bearings 80mm rear camberlinks
WEIGHT	
Cross	56 %
Left	54 %
Rear	61 %
Total	2823g

TIRES

	FRONT	REAR
Tire brand / type - L	**De Racing g6t grooved**	**De Racing g6t grooved**
Tire brand / type - R	**De Racing g6t grooved**	**De Racing g6t grooved**
Tire compound - L	**Super soft**	**Super soft**
Tire compound - R	**Super Soft**	**Super Soft**
Tire prep - L	**Sticky Icky Tire Preps Cherry Bomb**	**Sticky Icky Tire Preps Cherry Bomb**
Tire prep - R	**Sticky Icky Tire Preps Cherry Bomb**	**Sticky Icky Tire Preps Cherry Bomb**
Wheel brand / type	**JConcepts Hazard**	**JConcepts Hazard**

NOTES Slash rear offset wheels on the right
Losi offset wheels on the left

ELECTRONICS

Battery brand	**Fantom**
Battery capacity	**8500 mAh**
Battery model	**8500**
ESC brand	**Pro Performance RC**
ESC model	**XSC150P**
Motor brand	**Ruddog**
Motor Kv constant	**4800 Kv**
Motor model	**RP540**
Motor timing	**29 degrees**
Motor wind	**7.5 turns**
Radio brand	**Futaba**
Radio model	**7PXR**
Receiver brand	**Futaba**
Servo brand	**Pro Performance**