SWORKz S35-4 EVO

Setup: Ryan petitt · Ryan petitt · Mar 17, 2024

so dialed
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EVENT	
Event	Buggyland 2.0

TRACK	
Track	555 triple nickle
Type	Outdoor hard-packed
Grip / moisture	High / Dry/Dusty
Surface / layout	Medium/Smooth / Medium
Air temp	80°F (27°C)
Track temp	90°F (32°C)

FRONT SUSPENSION

Ackermann: inner steering link location	2 - Mid-back
Anti-roll bar	2.3 mm
Anti-roll bar end gap	1mm
Camber	-2 degrees
Camber: upper pivot ball shims	0 mm
Caster: upper arm shims - F/R	4mm front mm
Droop	104 mm
FF mount inserts	Center
FR mount inserts	Center
Lower arms	Hard
Lower arms: stiffener	0 mm
Ride height	25 mm
SHOCKS	
Arm mounts	2 - Out
Tower mounts	2 - Mid-in
Toe	-2 degrees
Tower	Kit
TRACK	
Lower pivot ball shims	2 mm
Wheel hexes	5.5 mm
UPPER ARM	
Mount inserts - F	Center
Mount inserts - R	Center
Upper arms	Soft
Upper arms: stiffener	1 mm

NOTES 104mm front droop

REAR SUSPENSION

Anti-roll bar	2.6 mm
Anti-roll bar end gap	1 mm
Arms	Hard
ARMS	
Bridges	Yes
Stiffener	0 mm
Camber	-1.5 degrees
CAMBER LINK	
Inner location	5 - Outside down
Outer location	4 - Top out
Droop	122 mm
Hub inserts	Down and out
Hubs	Kit
RF mount inserts	Center
Ride height	27 mm
RR mount inserts	Down
SHOCKS	
Arm mounts	2 - Out
Tower mounts	3 - Mid-out
Track: wheel hexes	5.5 mm
Wheelbase: hub shims - F/R	0/4 mm

NOTES 122mm rear droop

BODY & CHASSIS

Body	35-4 EVO
Front wings	None
Rear wing	Formula Race 2.0
Rear wing angle	0 degrees
Rear wing height shims	0 mm
Rear wing mount height	4

SHOCKS

	FRONT	REAR
Oil weight	600 cst	550 cst
Pistons	8 x 1.2mm (#228016-1.2-8)	8 x 1.3mm (#228016-1.3-8)
Shock type	Bladder - Soft	Bladder - Soft
Springs	Mugen 9.25	Mugen 10.50
Stroke	34 mm	45 mm

Shock oil brand: SWORKz

DRIVETRAIN

DIFFS	
Center fluid	7,000 cst
Front fluid	12,000 cst
Rear fluid	7,000 cst
Drive ratio - internal	3.308
Driveshafts - front	Universal
Driveshafts - rear	Universal
Pinion	13 teeth
Spur	47 teeth

ENGINE

Engine model	Flashpoint
Fuel	Sidewinder