Ignite Design T6.2 Nitro

Setup: Baseline Setup - Outdoor Low Grip · Wes Miravalle (Mugen Seiki) · Jun 18, 2022

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EVENT

Class	1/10 Gas Truck

TRACK

Track	St. Louis Dirtburners
Type	Outdoor loose/loamy
Grip / moisture	Low / Wet/Dusty
Surface / layout	Blown-out/Bumpy / Open
Air temp	75°F (24°C)
Track temp	85°F (29°C)

RESULTS

Race type	Practice
Finish	1st

FRONT SUSPENSION

ACKERMANN	
Inner steering stud spacers	1 mm
Steering block arm	+1mm
Anti-roll bar	None
Arms	Flat T6.1, Standard
Axle height	1 mm
Bulkhead	Aluminum Factory Team
Bumpsteer: outer steering stud spacers	0 mm
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	3 mm
Outer stud location	A - Inside
Caster	30 deg - Kick-up: 25 / Block insert: +5
Ride height	30 mm
SHOCKS	
Arm mounting hole	B - Middle
Tower mounting hole	2 - Middle
Steering stop spacers	0 mm
Toe	0 degrees
Tower	Flat T6.1
Track: wheel hexes	8.5 mm
Trail: steering blocks	4 mm
Wheelbase: hub spacers - F/R	0 / 1 mm

NOTES FT Aluminum Bellcranks (#91658)
Ride Height = Arms Flat, Body On, 1/2 Tank of Fuel
Lunsford Titanium 8.5mm Wheel Hex's
B6.3 Top Plate & Steering Link
JConcepts B6.2 Servo Brace

REAR SUSPENSION

Anti-roll bar	None
Arms	Flat T6.1, Standard
Axle height: hub inserts	0 (0/3 up)
C mount	Brass 23g
C mount inserts	1 up and in
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Middle
Inner stud spacers	1 mm
Outer stud mount spacers	2 mm
Outer stud spacers	2
D mount	Brass 12g
D mount inserts	1 down and out
Differential height	0 mm
Hubs	Aluminum FT
Ride height	28 mm
Shock location	Back of arm
SHOCKS	
Arm mounting hole	A - Inside
Tower mounting hole	1 - Inside
Tower	Flat T6.1
Track: wheel hexes	7mm
WHEELBASE	
Arm spacers - F/R	2 / 0 mm
Hub spacers - F/R	0 / 2 mm

NOTES FT +2mm Ball Stud Mount (#91889)
Ride Height = Bones Level, Body On, 1/2 Tank Fuel
Outer Ball Stud Hole = Position C
Total Inner Ball Stud Height = 3mm
Doubled Two T6.1 Shock Towers
Shorten Wheelbase 2mm if Very Low Grip

ENGINE

Engine brand	O.S. Engines
Engine model	12TG Ver.4
Fuel	TNR 30%
Glow plug	O.S. Speed P3 Gold
Pipe / header	Ignite Design ST-1202

SHOCKS

	FRONT	REAR
Cup offset	5 mm	5 mm
Eyelet length	Long	Long
Limiters - int/ext	0 / 0 mm	0 / 0 mm
Oil weight	AE 32.5wt (388cst)	AE 32.5wt (388cst)
Pistons	VRP Gamechanger 2x1.6mm	VRP Gamechanger 3x1.4mm
Springs	4.45lb Grey	2.40lb White
Stroke	27.5 mm	35 mm
Shock oil brand	Team Associated	

NOTES FT Kashima Shock Bodies (#91577/91579)
FT Chrome Shock Shafts (#91620/91624)
FT Machine Shock Spacers (#91494)
Use 425+cst if 85*+F

DRIVETRAIN

Brake bias - F/R	0 / 100
Clutch shoes & springs	2 aluminum shoes, 1.1mm springs
Differential type	Ball
Drive ratio - final	11.1
Drive ratio - internal	2.60
Driveshafts	91mm CVD
Pinion	15 teeth
Spur	64
Transmission gears	3
Transmission orientation	Layback

NOTES B6.3 HD Slipper Spring
Robinson Steel Idler Gear
Ignite Carbon Fiber Spur Gear Bushing
Slipper Setting = Nut Flush
Ball Diff Setting = 3/4 Rotation
J&T Endurance Bearings
Use 1.0mm Clutch Springs if Very Low Grip

BODY & CHASSIS

Body	**Proline Axis T**
FLEX	
Chassis	**Ignite Top Deck Drilled with Fuel Tubing Bushings**
Chassis side rails	**Standard**
Rear wing	**Proline Axis T**
Screws & turnbuckles	**Lunsford Titanium Top Screws Lunsford Titanium Super Duty Turnbuckles**
Weight: total	**2051 g**
Weights	**10 g**

NOTES MOD 10g Diff Height Inserts
Lunsford Titanium Ball Studs
Use Ignite 60g Rear Brass Weight if Very Low Grip
Total Weight = Dry (No Fuel)

TIRES

	FRONT	REAR
Tire brand / type	**Proline Hole Shot / JConcepts Carvers**	**Proline Hole Shot / JConcepts Goosebumps**
Tire compound	**M3 / Blue**	**M3 / Green**
Tire insert	**Proline Open Cell / JConcepts Open Cell**	**Proline Open Cell / JConcepts Open Cell**
Wheel brand / type	**JConcepts**	**JConcepts**

Tire prep	**2 Vent Holes per Tire**

NOTES Use Carvers/Goosebumps if Loamy

ELECTRONICS

Radio brand	**Futaba**
Radio EPA steering	**89 %**
Radio EPA throttle	**42 / 100 %**
Radio model	**7PXR**
Receiver battery	**Protek 2300mah 2S LiPo**
Receiver brand	**Futaba**
Receiver model	**334SBS**
Steering servo brand	**ProTek**
Steering servo model	**160TBL**
Throttle servo brand	**Send It RC**
Throttle servo model	**HV417**
Transponder ID	**9990005**

NOTES Reedy Electronic Switch
Protek 15.5mm Clamping Servo Horn
Steering Expo -15%
Throttle Expo -20%
Brake Expo -45%
Brake ATL 85%