ARRMA Typhon TLR-Tuned

Setup: TLR Typhon Aggressive Track Setup · Alex M · Dec 7, 2025

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TRACK

Track	Dirt Burners
Type	Outdoor loose/loamy
Grip / moisture	Medium / Dry
Surface / layout	Rutted/Bumpy / Medium
Air temp	90°F (32°C)
Track temp	100°F (38°C)

FRONT SUSPENSION

Ackermann: inner steering link location	2 - Mid-front
Anti-roll bar	2.4mm
Anti-roll bar end gap	0.5 mm
Bumpsteer: outer steering link ball	Downward
Camber	-2 degrees
Camber: upper arm pillow ball shims	1.5
Caster, active: upper arm front mounts	+0.75 deg - no dots
Caster: upper arm shims - F/R	2 / 2 mm
Droop	55 mm
FF mount inserts	0 center
FR mount inserts	0 center
Ride height	28 mm
Roll center: upper arm mounts	Outside center
Shocks: tower mounting hole	4 - Mid-out
Toe	-1.5 degrees
TRACK	
Lower arm pillow ball shims	2 mm
Wheel hexes	+0 mm

NOTES Mugen MBX8R Front end, using factory typhon A arms.

ELECTRONICS

Battery brand	Gens Ace
Battery C rating	130
Battery capacity (mAh)	6500
Battery model	Redline
ESC brand	Hobbywing
ESC model	XR8 Pro G3
ESC settings	Depends on track conditions
Motor brand	Hobbywing
Motor Kv constant	2200 Kv
Motor model	4268
Motor timing	38 degrees
Motor wind	0 turns
Receiver brand	Spektrum
Steering servo brand	Send-it RC
Steering servo model	626

NOTES Bullet battery connectors

REAR SUSPENSION

Anti-roll bar	2.7mm
Anti-roll bar end gap	0.5 mm
Camber	-2 degrees
CAMBER LINK	
Inner stud location	2 - Inside mid-top
Outer stud location	1 - Inside top
Droop	47 mm
RF mount inserts	0 center
Ride height	26 mm
RR mount inserts	0 center
Shocks: tower mounting hole	3 - Middle
Track: wheel hexes	+0 mm
Wheelbase: hub spacers - F/R	2 / 2 mm

DRIVETRAIN

Drive ratio - internal	3.3
Pinion	17
Spur	50 teeth

NOTES Mugen CVD front and rear axles

TIRES

	FRONT	REAR
Tire brand / type	Proline	Proline
Tire compound	Medium long wear	Medium long wear
Tire insert	Blue foam medium	Blue medium
Wheel brand / type	Aka	Aka

SHOCKS

	FRONT	REAR
Oil weight	55 wt	35 wt
Pistons	6x 1.4x3 1.6x3	8x1.2mm tapered
Shock type	Emulsion	Emulsion
Springs	70mm Med-Hard	84mm Med
Shock oil brand	Kyosho	

NOTES Drilled 3 holes larger in the front pistons. Used EXB emulsions shock caps.

DIFFERENTIALS

	FRONT	REAR
Diff fluid	7,500 cst	4,000 cst
Diff fluid mass	2.0 g	2.0 g
Center diff fluid	7,500 cst	
Center diff fluid mass	2.0 g	

NOTES Ram Jam Racing diff cups

BODY & CHASSIS

Body	Proline Axis
Chassis brace - front	HD
Chassis brace - rear	HD
Rear wing	JC Concepts Razor wing. Holes drilled depending on track
Rear wing gurney	None
Rear wing position	Forward / Low
Screws & turnbuckles	Titanium turnbuckles
Weight balance (F/R)	48 / 52
Weight: total	3660g Ready to Race w/ transponder g

NOTES Extreme weight reduction. Shaved side guards, center diff cap. 3D printed battery tray and reciever/transponder holder.