XRAY T4 '21

Setup: Swedish Nationals, Aug 8, '21 - Wet · Alexander Hagberg (XRAY) · Nov 4, 2022

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EVENT	
Event	Swedish Nationals
Class	Modified Touring

TRACK	
Track	MHF Skarpnack
Type	Outdoor asphalt
Grip / moisture	Low / Wet
Surface / layout	Smooth / Medium

RESULTS	
Race type	Main
Race number	A

FRONT SUSPENSION

Anti-roll bar	None
Arms	Graphite (#302173-G / 4-G)
C-hubs (caster)	4 deg Medium (#302363 / 4)
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Front
Inner stud spacers	0.5 mm
Outer stud spacers	2.0 mm
Differential height	High
Downstop	4.8 mm
FF mount inserts	0.5 out
FR mount inserts	0 center
Ride height	5.6 mm
Servo saver arms	Composite
SHOCKS	
Arm mount spacers	1.5 mm
Arm mounting hole	A - Top
Tower mount spacers	4.0 mm
Tower mounting hole	2 - Middle
Steering blocks	Hard
STEERING LINK	
Inner stud spacers	0.5 mm
Outer stud location	2 - Back
Outer stud spacers	1.0 mm
Steering lock	26 degrees
Steering plate	8.0mm
Steering plate spacers	6 mm
Toe	-1 degrees
Tower	SLP Graphite
Track: wheel hexes	-0.75mm
Wheelbase: arm spacers	1.0 mm

REAR SUSPENSION

Anti-roll bar	None
Anti-roll bar stud location	B - Outside
Arms	Graphite (#303173-G / 4-G)
ARS link position	N/A
Camber	-1 degrees
CAMBER LINK	
Inner stud location	2 - Rear
Inner stud spacers	0.5 mm
Outer stud location	A - Inside
Outer stud spacers	4.0 mm
Differential height	High
Downstop	3.8 mm
RF mount inserts	0.5 out
RF mounts	Kit
Ride height	5.8 mm
RR mount inserts	1 out
SHOCKS	
Arm mount spacers	0 mm
Arm mounting hole	A - Top
Tower mount spacers	3.0 mm
Tower mounting hole	2 - Middle
Toe - final	+3.5 degrees
Tower	SLP Graphite
Track: wheel hexes	-0.75mm
Uprights / C-hubs	0 deg Hard
Wheelbase: arm spacers	1.0 mm

SHOCKS

	FRONT	REAR
Oil weight	350 cst	350 cst
Pistons	4 x 1.1mm	4 x 1.1mm
Rebound	0	0
Shock type	Super low-profile	Super low-profile
Springs	3.0	3.0
Stroke	9.5 mm	9.5 mm

Shock oil brand: XRAY

DIFFERENTIALS

	FRONT	REAR
Diff fluid	–	1,000 cst

Diff fluid brand	XRAY
Front diff type	Solid axle
Rear diff gears	Kit

DRIVETRAIN

Belt - front	Standard
Belt - rear	Standard
Drive ratio - final	7.20
Drive ratio - internal	1.9
Driveshafts - front	52mm blade
Driveshafts - rear	CVD blade
Gear pitch	64
Pinion	29 teeth
Spur	110 teeth

BODY & CHASSIS

Battery holder	Composite
Body	Twister 0.7
Body mounts - front	+1mm
Body mounts - rear	+1mm
Body position	Middle
Bumper	Light and strong
Flex - chassis	Graphite 2.2mm
Flex - chassis brace screws	Bottom front, Bottom mid-front, Bottom center
Flex - motor mount screws	Rear 3 - most flex
Flex - top deck	2mm Graphite
Flex - top deck flex	Bearing - medium
Flex - top deck spacers	0 mm
Flex: steering brace	No
Rear wing	Twister 0.7
Weight balance (F/R)	51 / 49
Weight: total	1355 g
Weights	Bumper: none Behind front arms: 10g both sides Battery plate: 35g Opposite motor: 12g Front of rear arms: 15g on right

TIRES

	FRONT	REAR
Tire brand / type	Schumacher XG-WE	Schumacher XG-WE

ELECTRONICS

Battery brand	Sunpadow
Battery capacity	5300 mAh
ESC brand	Hobbywing
ESC model	XR10 PRO W
Motor brand	Hobbywing
Motor model	G3
Motor timing	32.5 degrees
Motor wind	5 turns