RACE	MRC Longwy Rd. 3		
TRACK	Longwy		
NAME	Bart Wubben	DATE	17-12-2023

QUAL POSITION	FINAL POSITION	BEST LAPTIME	LAPS	TIME
5	4	12.9 /sec		/

TRACK

TRACK SURFACE	☒ CARPET	☐ ASPHALT
TRACK LAYOUT	☐ TECHNICAL ☒ MIXED	☐ FAST
TRACTION	☐ LOW ☒ MEDIUM	☐ HIGH

TRANSMISSION

FRONT		REAR
GEAR DIFF OIL /cSt	☒ FRONT SOLID AXLE	GEAR DIFF OIL 8K /cSt
PINION 41 /T	SPUR GEAR 100 /T	FINAL DRIVE RATIO 4.63

SHOCKS

FRONT	XRAY SPRINGS	REAR
C2.5-2.8		C2.6
450	OIL /Cst	450
0	REBOUND %	0
☐ YES ☐ NO	FOAM INSERTS	☐ YES ☐ NO
☐ ● 4 HOLES ☐ 1.1mm		1.1mm ☐ 4 HOLES ● ☐
☒ ▼ PSS ☐ 1.2mm		1.2mm ☒ ▼ PSS ☐
2x0.8		2x0.8
SHOCK LENGTH 8 /mm		8 /mm SHOCK LENGTH

ANTI-ROLL BAR

| 1,3 THICKNESS/mm | | THICKNESS/mm 12 |

Rush 28	TIRES	
Hudy RED	ADDITIVE	
7	ADDITIVE TIMING	15
	WIPE OFF TIME	
Timing:	Temp.:	TIRE WARMERS	Timing:	Temp.:

FRONT LEFT · FRONT RIGHT · TREATED AREA · REAR LEFT · REAR RIGHT

TOTAL WEIGHT	1305 /g	WEIGHT BALANCE	FRONT 49 %	REAR 51 %
MOTOR	HW 13.5 G4R	TIMING	50	
ESC	HW	BATTERIES	LRP 5100	
BODY	Wolverine	WING	twister	

BODY POSITION

Dimension from body post to window bottom line /mm

Dimension from body post to upper holder

WING SIDE PLATE ☐ YES ☐ NO

Dimension from edge to surface /mm

TOP DECK CUTTING

	1.6mm ☐ ☒ 2.0mm ☒ ☐ 1.6mm
X4'23	☐ ☒ ● ●
X4'22	☐ 2.0mm ○○ ○○
X4'22	☐ 2.0mm ☐ 1.6mm
	NONE ☐ ☐ BEARING

COMMENTS
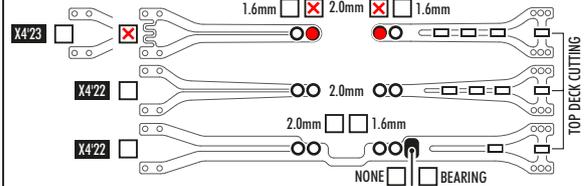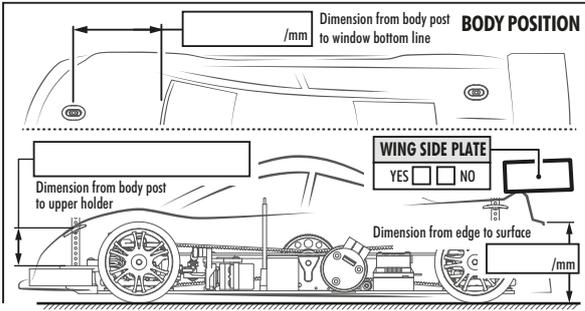
Good in Practice. With more grip car got difficult to drive. Car didn't have good steering into the corner but wanted to flip.. Maybe with lack of steering I was forcing the car the steer more and then it got loose. Will try higher front rollcenter next time or lower rear and maybe reduce toe-in.. Need to test more with active shocks. In practice this worked well.

FRONT & REAR SUSPENSION

FRONT CASTER — Adjust with eccentric bushings — 5° 4° 3° (☒ 4°)

BUMP STEER 2 /mm

HEIGHT /mm · SHIM /mm

REAR CASTER — 0.5° 1.5° 2.5° 3.5° 4.5° 5.5° (☒ 1.5°) — Adjust with eccentric bushings

| 2 /mm FF | 5,2 /mm | FR 2 /mm | ☐ SERVO SAVER | TOE GAIN 3 /mm RF | 5,4 /mm | RR 3 /mm |
| RIDE HEIGHT ☒ | | ☒ | ☐ SERVO HORN | 2 /mm ☒ | RIDE HEIGHT | ☒ |

FRONT

CAMBER 2 /degr. Left = Right

BODY STOP ☐ YES ☒ NO /mm

SHOCK HOLDERS SHIM 2 /mm

1,5 /mm SHIM 2 /mm

FRONT HUB: MEDIUM ☐ · HARD ☐ · GRAPHITE ☒ · ALU ☐

SHIM 0,5 /mm

SUSPENSION FLEX: ☐ YES ☒ NO — ☒ YES ☐ NO

DRIVE SHAFT: ☒ 58mm ☐ 59mm · ☒ BEARING ☐ BLADE

#107702 Chassis Droop Gauge Blocks · #107712 Chassis Droop Gauge · 6,2 /mm DOWNSTOP

REAR

CAMBER 2 /degr. Left = Right

BODY POST: VERTICAL ☐ · HORIZONT. ☒

SHOCK HOLDERS: FIXED ☐ ACTIVE ☒ · SHIM 2 /mm

0,5 /mm SHIM 2 /mm

REAR HUB: MEDIUM ☐ · HARD ☐ · GRAPHITE ☒ · ALU ☐

SHIM 1 /mm

SUSPENSION FLEX: ☐ YES ☒ NO — ☒ YES ☐ NO

DRIVE SHAFT: ☐ 52mm ☒ 54mm · ☒ BEARING ☐ BLADE

#107702 Chassis Droop Gauge Blocks · #107712 Chassis Droop Gauge · 4,2 /mm DOWNSTOP

TOP VIEW — FRONT / REAR

TOE OUT 1 Left = Right

ACKERMANN SHIM 0,5 /mm

SHORT LiPo BRASS WEIGHT: ☐ YES ☐ NO — ☐ YES ☐ NO · 40g · BRASS WEIGHT FOR MOTOR MOUNT · 40g

TOE IN 2,5 Left = Right

DIFF POSITION: ☐ UP ☒ DOWN ☐ +1mm

20

SHIM /mm

DIFF POSITION: ☐ UP ☒ DOWN ☐ +1mm

UPPER ARM: SOFT ☐ · MEDIUM ☒

STEERING BRIDGE ☐ YES ☐ NO

STEERING: SHIM /mm 7,5 · PLATE ☒ · SIZE 8.0mm ☐ STD. 7.5mm

SHIM /mm

UPPER ARM: SOFT ☐ · MEDIUM ☒

HUB OFFSET: STD. ☒ · -0.5mm ☐ · +0.5mm ☐ · SHIM /mm

HUB OFFSET: STD. ☒ · -0.5mm ☐ · +0.5mm ☐ · SHIM /mm

BOTTOM VIEW — FRONT / REAR

STEER. LOCK 25 /degr.

T-BRACE: ALU ☐ · BRASS ☐

FR RE · SERVO HOLDER

MOTOR MOUNT

CHASSIS T-BRACE

FRONT ARMS: MEDIUM ☐ · HARD ☒

CHASSIS: GRAPHITE ☐ · ALU ☐ · ALU 1.5mm ☐

REAR ARMS: MEDIUM ☐ · HARD ☒