

RACE	MRC Longwy Winterseries Rd. 3		
TRACK	MRC Longwy		
NAME	Jacques Libar	DATE	15/12/24

TRACK TEMP.	QUAL POS.	FINAL POS.	BEST LAPTIME	LAPS	TIME
	1	1	14.4 /sec	21	/5:XX:XX

TRACK			
TRACK SURFACE	<input checked="" type="checkbox"/>	CARPET	<input type="checkbox"/> ASPHALT
TRACK LAYOUT	<input type="checkbox"/> TECHNICAL	<input checked="" type="checkbox"/> MIXED	<input type="checkbox"/> FAST
TRACTION	<input type="checkbox"/> LOW	<input checked="" type="checkbox"/> MEDIUM	<input type="checkbox"/> HIGH

FRONT TRANSMISSION REAR

GEAR DIFFERENTIAL - OIL	150K /cSt
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PINION / T	SPUR GEAR / T	FINAL DRIVE RATIO
38	100	5.0

FRONT	SHOCKS	REAR
2.5-2.8	XRAY SPRINGS	2.6
350	OIL /Cst	350
/	REBOUND %	/

Diagram illustrating the correct and incorrect installation of the shock absorber. The left side shows the correct installation with a shock length of 8.5 mm. The right side shows the incorrect installation with a shock length of 8.5 mm, but with the PSS (Positive Shock Stop) not engaged, which is marked as incorrect with a red X.

1.4	THICKNESS/mm		THICKNESS/mm	1.8
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Ride ETS		TIRES ADDITIVE ADDITIVE TIMING WIPE OFF TIME TIRE WARMERS		
MR33 V4				
15 min				
/				
Timing:	Temp.:		Timing:	Temp.:

FRONT LEFT FRONT RIGHT TREATED AREA REAR LEFT REAR RIGHT

TOTAL WEIGHT	1251 <small>lb</small>	WEIGHT BALANCE	FRONT 64 <small>%</small>	REAR 36 <small>%</small>
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MOTOR	HW 17.5 ETS	TIMING		RPM LIMIT	17.5K
ESC	HW limiter	BATTERIES	Nosram 4200		
BODY	YRS	WING	std.		

55 /mm

Dimension from body post to window bottom line

BODY POSITION

low /mm

Dimension from body post to upper holder

WING SIDE PLATE YES ☐ NO ☒

Dimension from edge to surface

low /mm

cuted 301552
used links style upper arms (302670)

FRONT & REAR SUSPENSION

FRONT CASTER
 5° 4° 3°
 Adjust with eccentric bushings

BUMP STEER
 1.5 /mm

HEIGHT
 19 /mm

SHIM
 2 /mm

REAR CASTER
 0.5° 1.5° 2.5° 3.5° 4.5° 5.5°
 Adjust with eccentric bushings

TOE GAIN
 6 /mm

FF
 2.0 /mm

RIDE HEIGHT
 5.0 /mm

FR
 2.0 /mm

SERVO SAVER
☐

SERVO HORN
☒

RF
 2 /mm

RIDE HEIGHT
 5.2 /mm

RR
 2 /mm

RIDE HEIGHT
 2 /mm

The diagram shows a side view of a chassis with various adjustment points and gauges. The following table summarizes the components and their settings:

Component	Setting
2	/deg.
CAMBER	Left = Right
BODY STOP	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SHOCK HOLDERS	SHIM 4 /mm
SUSPENSION FLEX	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
FF/mm	2
FR/mm	2
SHIMS	3 /mm
FRONT HUB	MEDIUM <input type="checkbox"/> HARD <input checked="" type="checkbox"/> GRAPHITE <input type="checkbox"/> ALU <input type="checkbox"/>
SHIM	0.5 /mm
DRIVE SHAFT	58mm <input type="checkbox"/> 59mm <input checked="" type="checkbox"/> BEARING <input type="checkbox"/> BLADE <input type="checkbox"/>
HUBBY	-3 -2 -1 0 1 2 3 4 5 6 7 8 9 10
DOWNSTOP	5.6 /mm

2 /deg. **CAMBER**

Left = Right

REAR SUSPENSION

SHOCK HOLDERS

FIXED ☒ ACTIVE ☐

SHIM **4** /mm

SHOCK FLEX

YES ☒ NO ☐

YES ☒ NO ☐

SHIMS

RF/mm **3**

RR/mm **3**

REAR HUB

MEDIUM ☐

HARD ☐

GRAPHITE ☐

ALU ☒

SHIM

1.0 /mm

HUDY

4.4 /mm

DOWNSTOP

#107702 Chassis Droop Gauge Blocks #107712 Chassis Droop Gauge

FRONT TOP VIEW REAR

0.5 TOE OUT
Left = Right

DIFF POSITION
UP ☒ +1mm
DOWN ☐ STD.

SHIMS
0 /mm

Battery weight plate.

20

fan

2.0 TOE IN
Left = Right

ARS LINKS
SHIMS **std** /mm

UPPER ARM
COMPOSITE ☐
EXTRA SOFT ☐
SOFT ☒
MEDIUM ☐

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

10

10

UPPER ARM
COMPOSITE ☐
EXTRA SOFT ☐
SOFT ☒
MEDIUM ☐

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

FRONT BOTTOM VIEW REAR

WEIGHT LEFT & RIGHT
#309826
YES ☐ ☒ NO

BUMPER WEIGHT
YES ☒ ☐ NO

FRONT ARMS
MEDIUM ☒
HARD ☐

CHASSIS
GRAPHITE ☐
ALU ☐

REAR ARMS
MEDIUM ☒
HARD ☐

STEER. LOCK
26 /degr.

MOTOR MOUNT

T-BRACE
ALU ☐
BRASS ☐

CHASSIS T-BRACE

50g + 50g

100g