

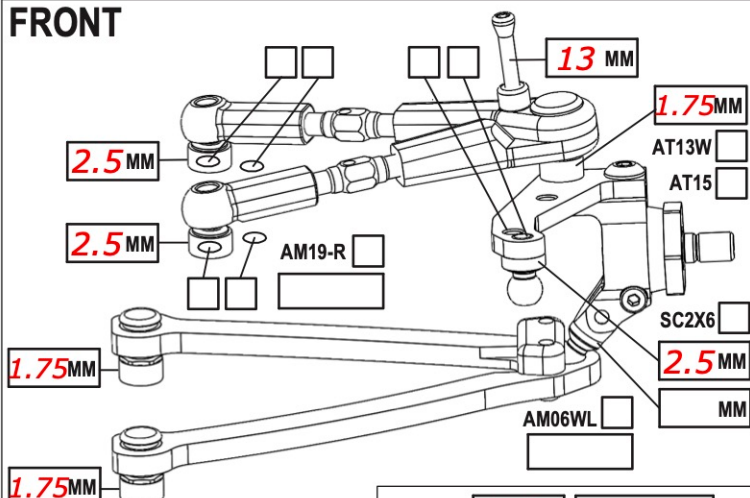
NAME	<i>Lukas Ellerbrock</i>
COUNTRY	<i>Germany</i>
RACE	<i>German Nationals</i>
TRACK	<i>EMC Marktoberdorf</i>

DATE **10.08.25**

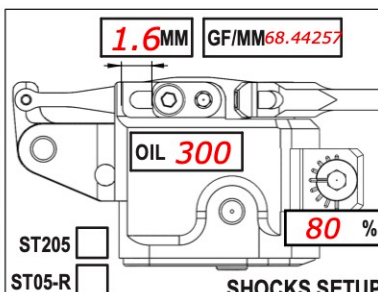
TEMP. °C AIR / TRACK 30 /

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

FRONT

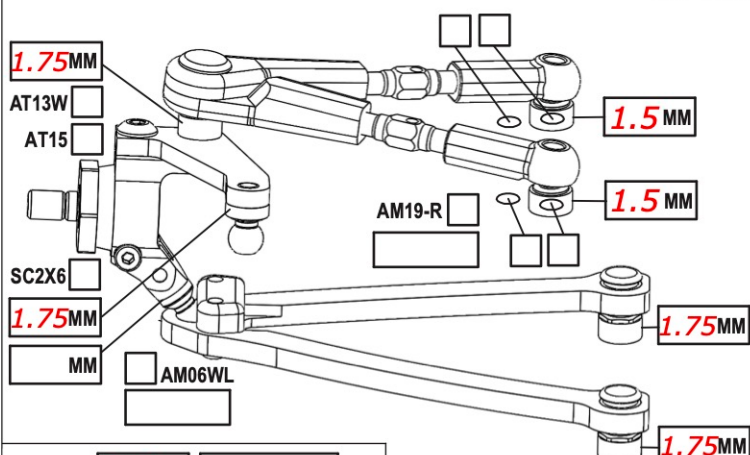


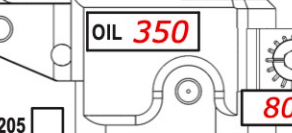
CAMBER ANGLE / °	2.0
CASTER ANGLE / °	3.5°
TOE ANGLE / °	1.0
RIDE HEIGHT / MM	4.6
DOWNSTOP / MM	5.6
ANTI-ROLL BAR Ø / MM	1.0
ARB STIFFENER 1/4 ☐ 1/2 ☐ 3/4 ☐ 1 ☐	
LOWER ARM EXTENSION / MM	0
STEER. ARM AM14LS ☐	
2ND SPRING SPR-P2 ☐ P1 ☐	
WHEEL SPACER / MM	
DRIVE SPOOL ☒	DIFF ☐
DRIVE POSITION DOWN ☒ UP ☐ +1 ☐	
DIFF OIL	DIFF SHIMS



DAMPER	D4	☒				
ROTOR	2 HOLES	☒				
SPRING	STD	☐		S	☒	
SRS/RHS ARR.	I	☒		II	☐	
PSS SETUP	30%	☐	25%	☐	15%	☐
DAMPING	LINEAR	☐	P1	☐	P2	☒
DAMPER SPACER / MM						
C45	YES	☐		NO	☒	

REAR





OIL 350

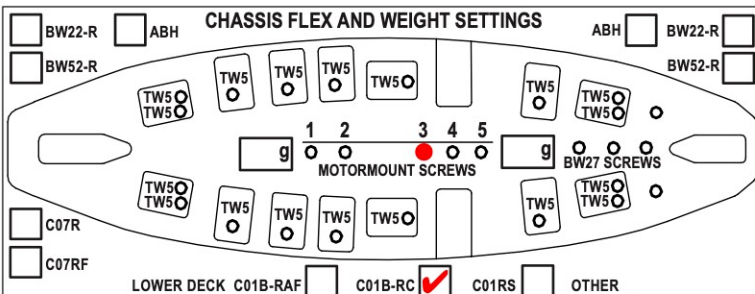
80 %

SHOCKS SETUP

ST205	☐	
ST05-R	☐	
DAMPER	D4	☒
ROTOR	2 HOLES	☒
SPRING	STD	☒ S ☐
SRS/RHS ARR.	I	☒ II ☐
PSS SETUP	30% ☐ 25% ☐ 15% ☐	
DAMPING	LINEAR ☐ P1 ☒ P2 ☐	
DAMPER SPACER / MM		
C45	YES ☒ NO ☐	

CAMBER ANGLE / °	1.5
CASTER ANGLE / °	-2.5°
TOE ANGLE / °	4.0
RIDE HEIGHT / MM	4.8
DOWNSTOP / MM	4.4
ANTI-ROLL BAR Ø / MM	1.0
ARB STIFFENER 1/4 ☐ 1/2 ☐ 3/4 ☐ 1 ☐	
LOWER ARM EXTENSION / MM	0
STEER. ARM AM23-1 ☐	
2ND SPRING SPR-P2 ☐ P1 ☐	
WHEEL SPACER / MM	0
DRIVE DIFF ☒	8k
DRIVE POSITION DOWN ☒ UP ☐ +1 ☐	
DIFF OIL	DIFF SHIMS small

CHASSIS FLEX AND WEIGHT SETTINGS

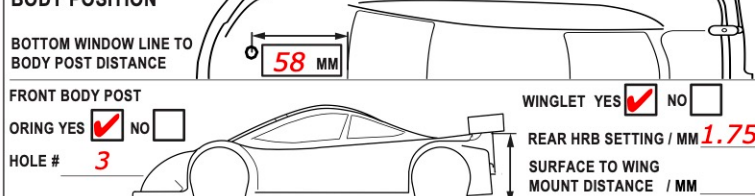


The diagram illustrates the ST019 chassis from both front and rear perspectives. Key components are labeled with letters A through F and numbers 1 through 10, corresponding to the identification table below.

Identification Table:

Component	Front View	Rear View
BUMPER TOP PLATE CUT	☐	☐
FRONT BUMPER P15L	☐	☐
OTHER	☐	☐
C26	☐	☐
FRONT TOP DECK	☐	☐
C127	☐	☐
C127S	☐	☐
OTHER	☐	☐
REAR TOP DECK	☐	☐
C127	☐	☐
C127S	☐	☐
OTHER	☐	☐
SINGLE TOP DECK C27MMX	☒	☒
OTHER	☐	☐
BELT TENSIONER AM279	☒	☒
OTHER	☐	☐

BODY POSITION



TIRES *Ruddog*

INSERTS

SIDE WALLS GLUE Ø / MM		F	R
1	10		
2	10		
3	10		
4	10		
5	10		
6	10		
7	10		
8	10		
9	10		
10	10		
11	10		
12	10		
13	10		
14	10		
15	10		
16	10		
17	10		
18	10		
19	10		
20	10		
21	10		
22	10		
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87	10		
88	10		
89	10		
90	10		
91	10		
92	10		
93	10		
94	10		
95	10		
96	10		
97	10		
98	10		
99	10		
100	10		

ADDITIVE	CS High Asphalt
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TOTAL WEIGHT	1320	WEIGHT DISTRIBUTION % F	49.5	R	50.5
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NOTES:

40 min additive

MOTOR LATERAL SHIFT / MM 1SERVO **MKS HBL575SL**

MOTOR *Hobbywing G4R 13,5T*

SERVOHORN / HEIGHT

CRUD **100** UNION **45** RATIO **0**

ACKERMANN POSITION [Back](#)

SPUR FINION RATIO
303M *Wolverine*

25

BODY **Wolverine**
Speciale

STEER TRAVEL IN 25 OUT

WING *Speciale*

BATTERY *NO STRAIN 6100*

ESC *Hobbywing XR10 Pro G3X*

RECEIVED **Sanwa RX492**

ESC SETTING

RADIO *Sanwa M17*

BEST LAPTIME		QUALIFYING	
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E./FINAL POSITION 2 / 2

COMMENTS:

*On used tires: 0,5° less toe-in
Options Parts: A800-C07R, OR14V, MXLR Flex
Bumper, MXLR Front Body Support*