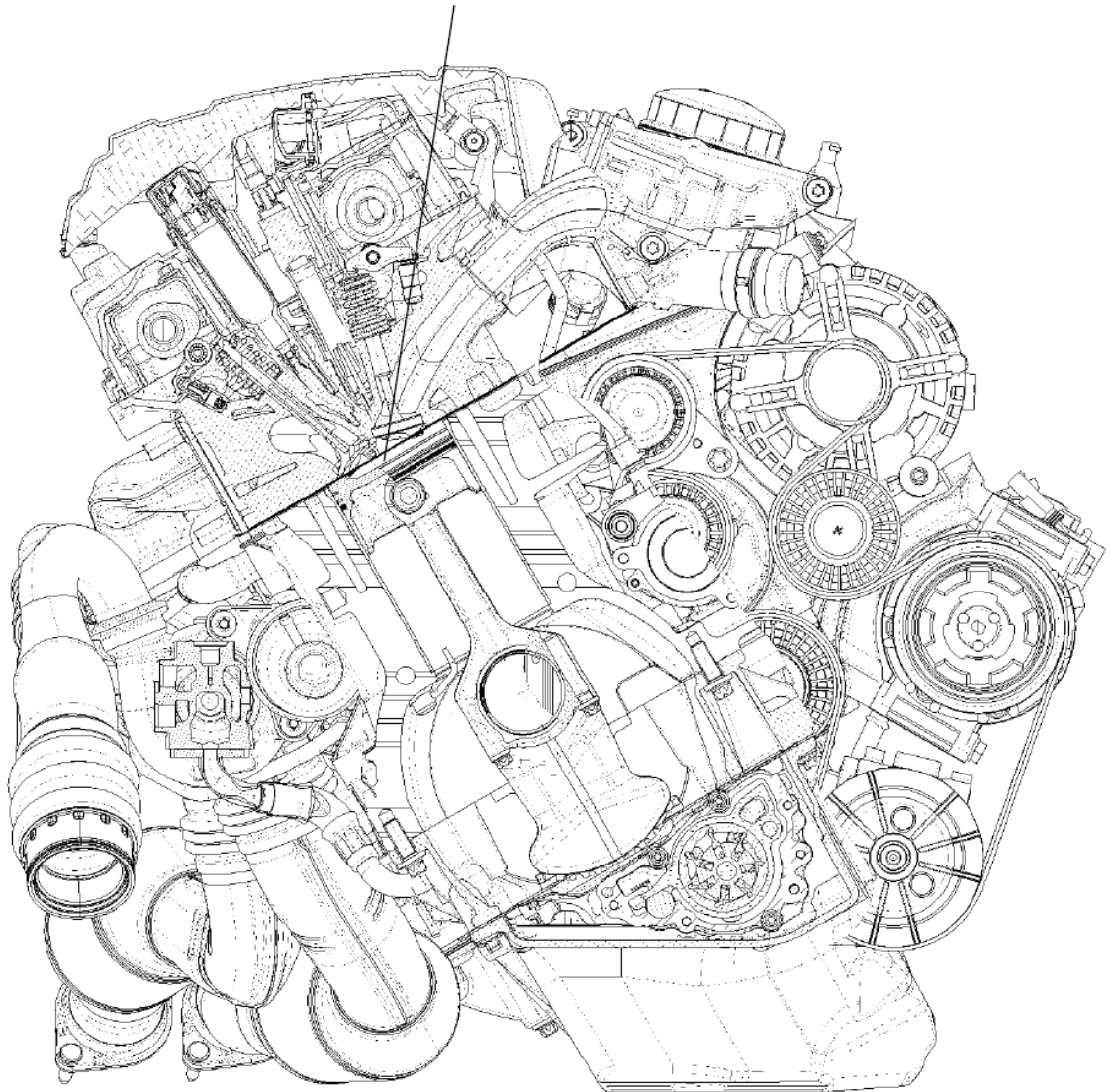




Anhang





Inhaltsverzeichnis

I Datalogvergleich – Ladedruckvergleich – Stage0-Stage1-Stage2	1
II Datalogvergleich – Ladedruck – WGDC-Stage0-Stage1-Stage2	2
III Datalogvergleich – TimingCyl1crk – Stage0-Stage1-Stage2.....	3
IV Datalogvergleich – HPFP – Stage0-Stage1-Stage2	4
V Datalogvergleich – LPFP – Stage0-Stage1-Stage2	5
VII Datalogvergleich – IAT – Stage0-Stage1-Stage2	6
VIII Excel-Tabellenprüfung Stage0.....	7
IX Excel-Tabellenprüfung Stage1	8
X Excel-Tabellenprüfung Stage2.....	9
XII Bilder Hockenheimring	10



I Datalogvergleich – Ladedruckvergleich – Stage0-Stage1-Stage2

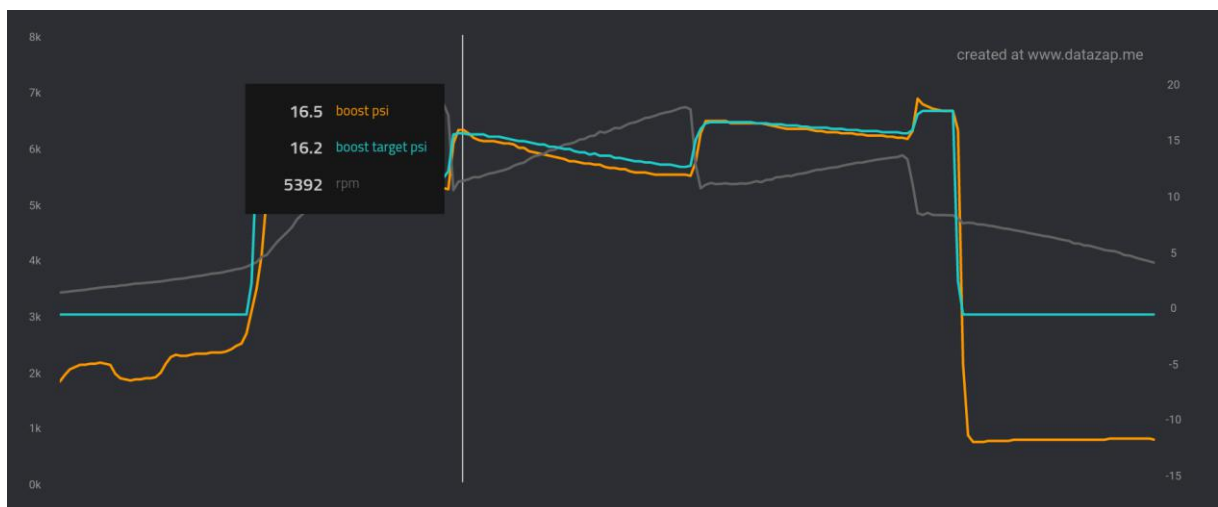
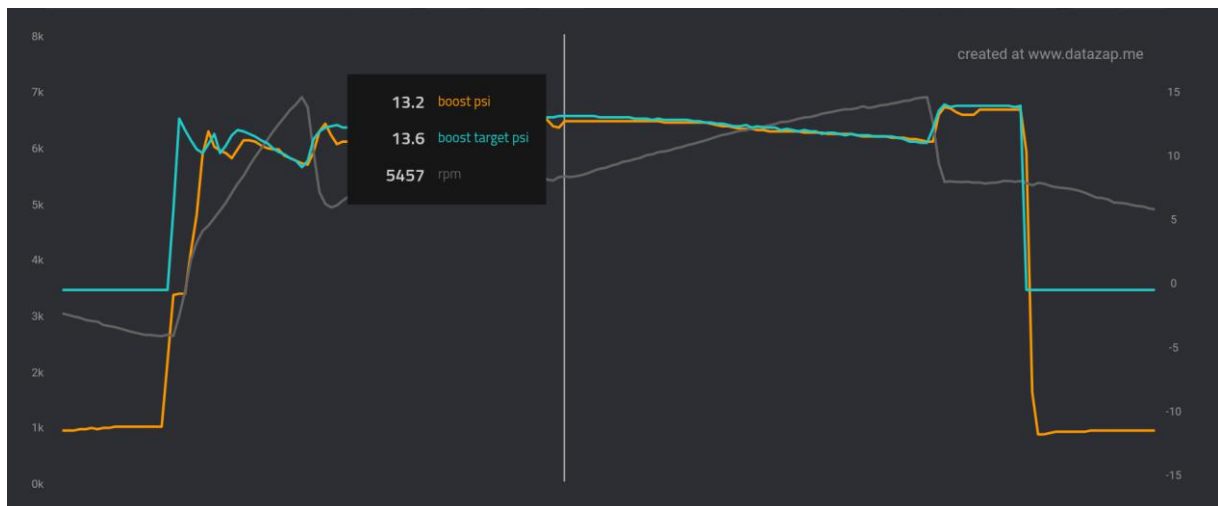
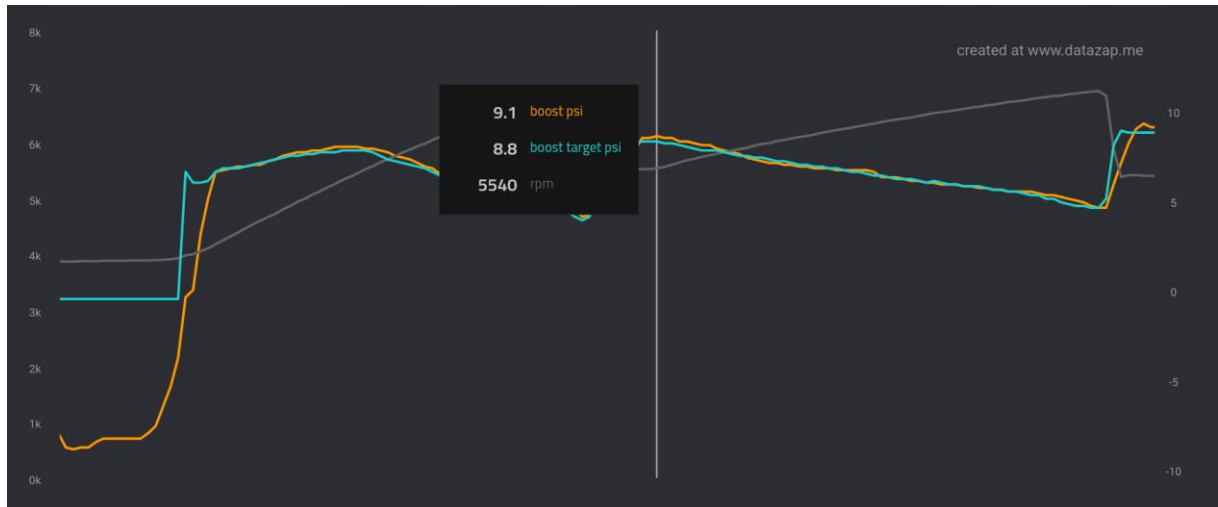


Abb1. Datalogvergleich-Ist-Soll-Ladedruck-st0-st1-st2



II Datalogvergleich – Ladedruck – WGDC-Stage0-Stage1-Stage2

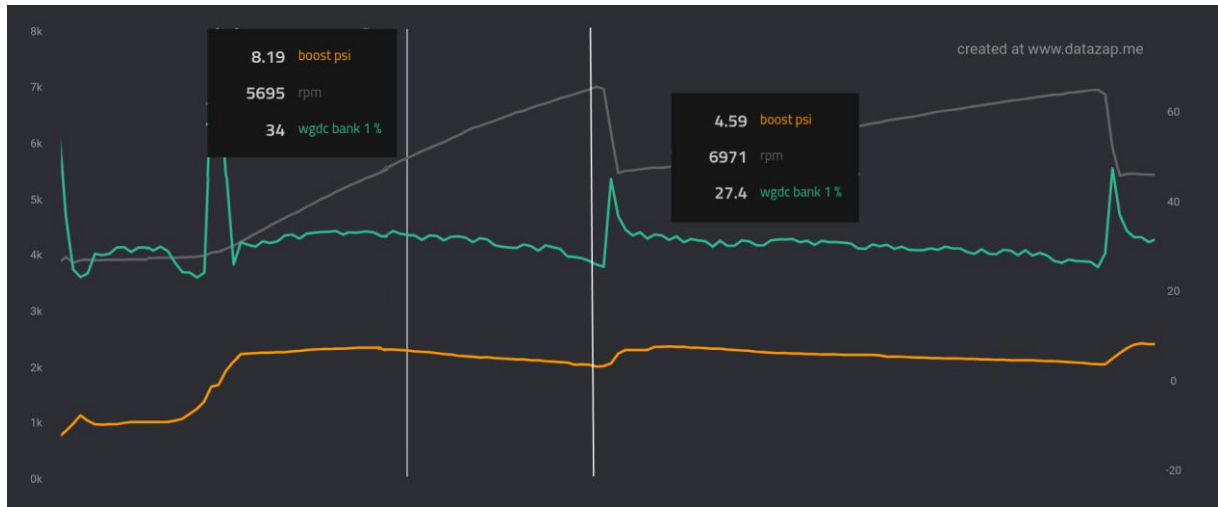


Abb2. Datalogvergleich-Ist-Ladedruck-WGDC-st0-st1-st2



III Datalogvergleich – TimingCyl1crk – Stage0-Stage1-Stage2

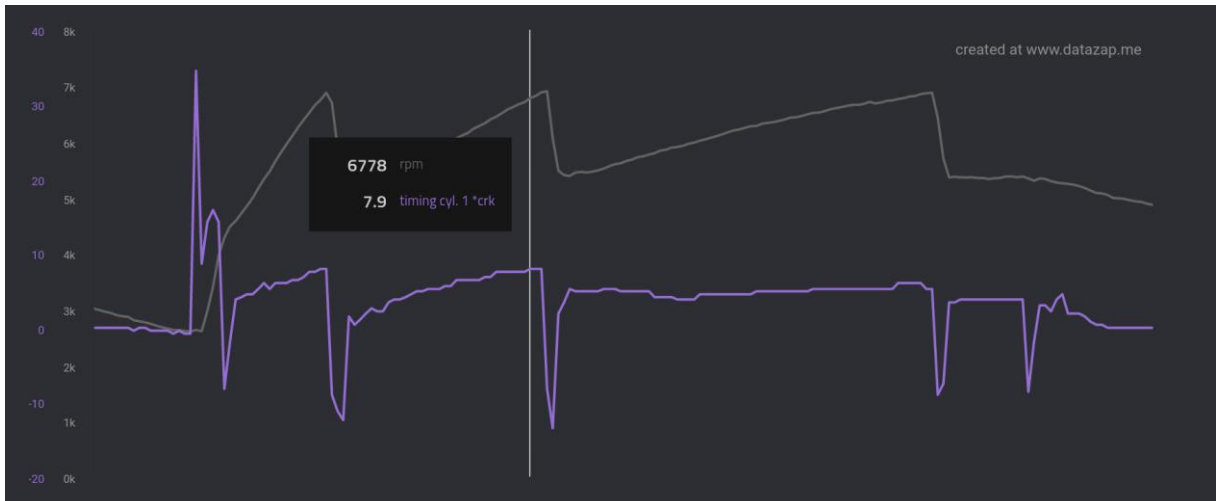


Abb.3 Datalogvergleich-TimingCyl1crk-st0-st1-st2



IV Datalogvergleich – HPFP – Stage0-Stage1-Stage2

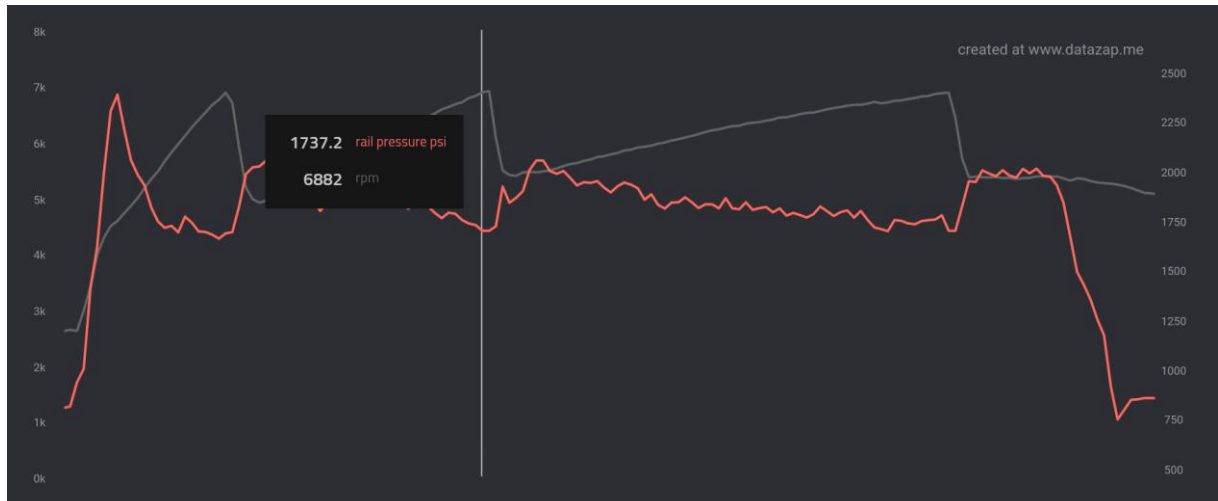
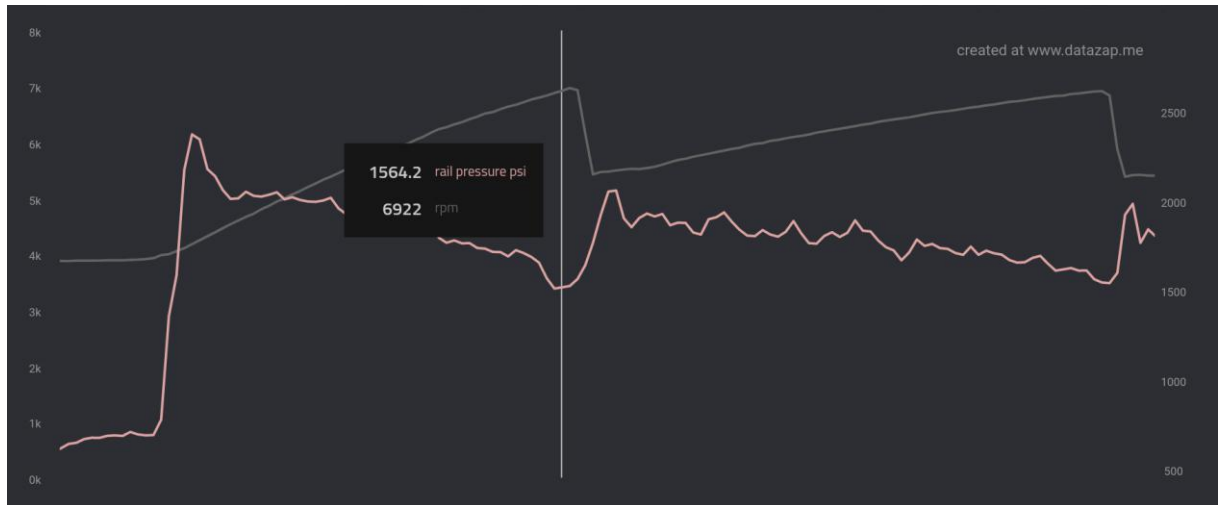


Abb.4 Datalogvergleich HPFP-st0-st1-st2



V Datalogvergleich – LPFP – Stage0-Stage1-Stage2

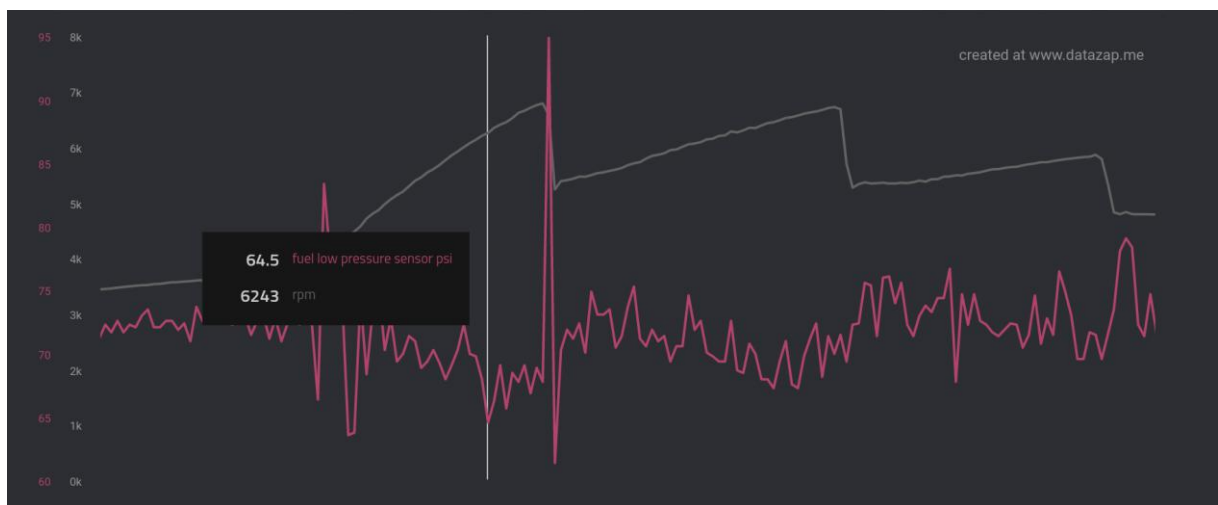
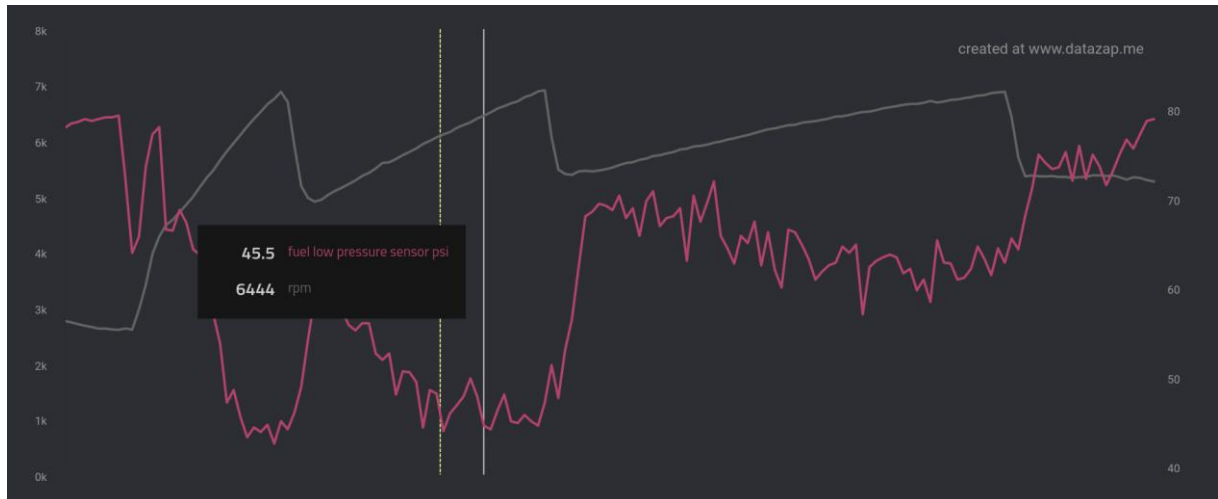
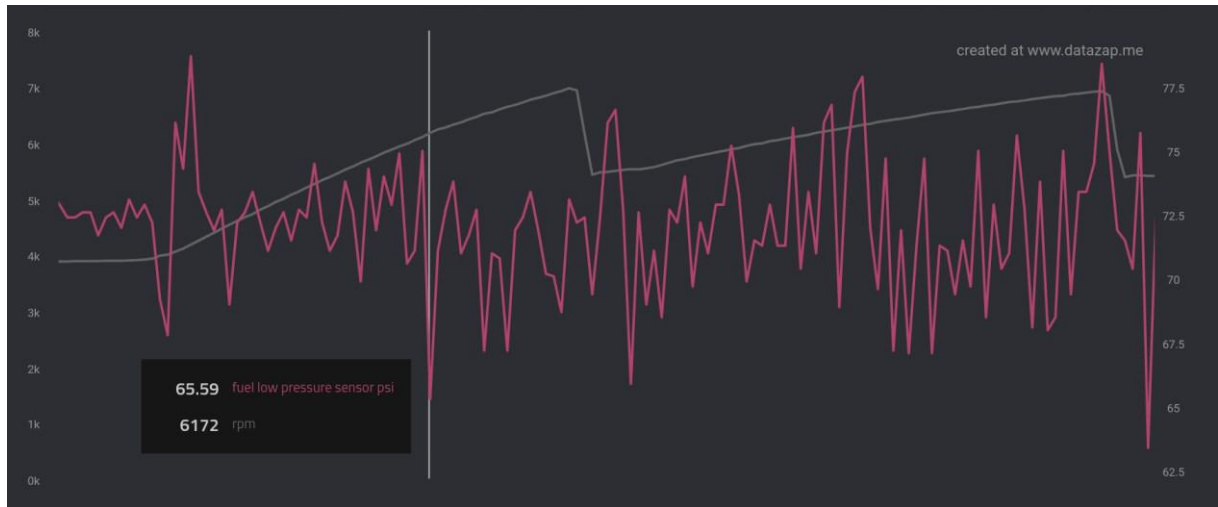


Abb.5 Datalogvergleich LPFP-st0-st1-st2



VII Datalogvergleich – IAT – Stage0-Stage1-Stage2

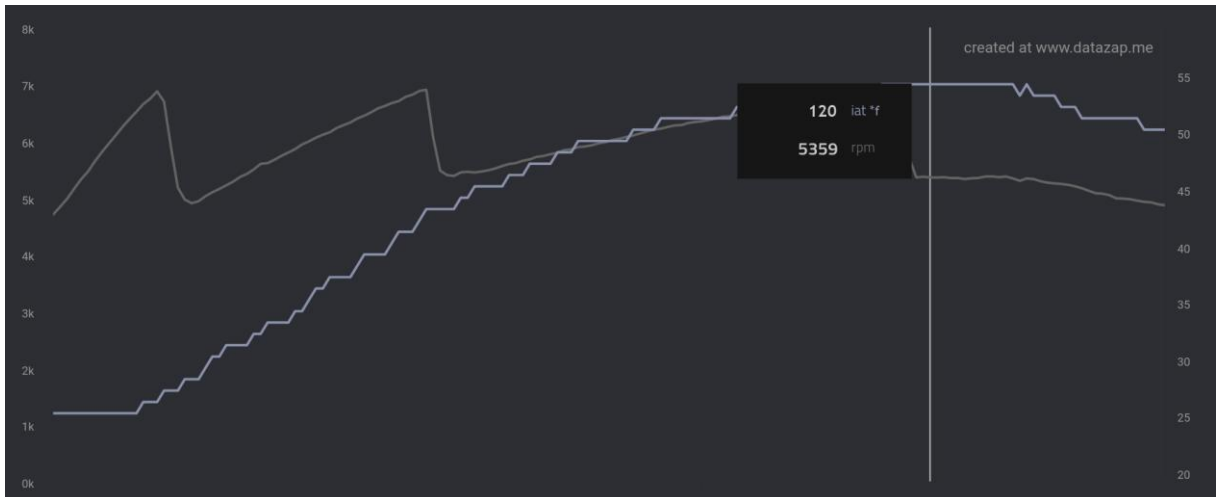
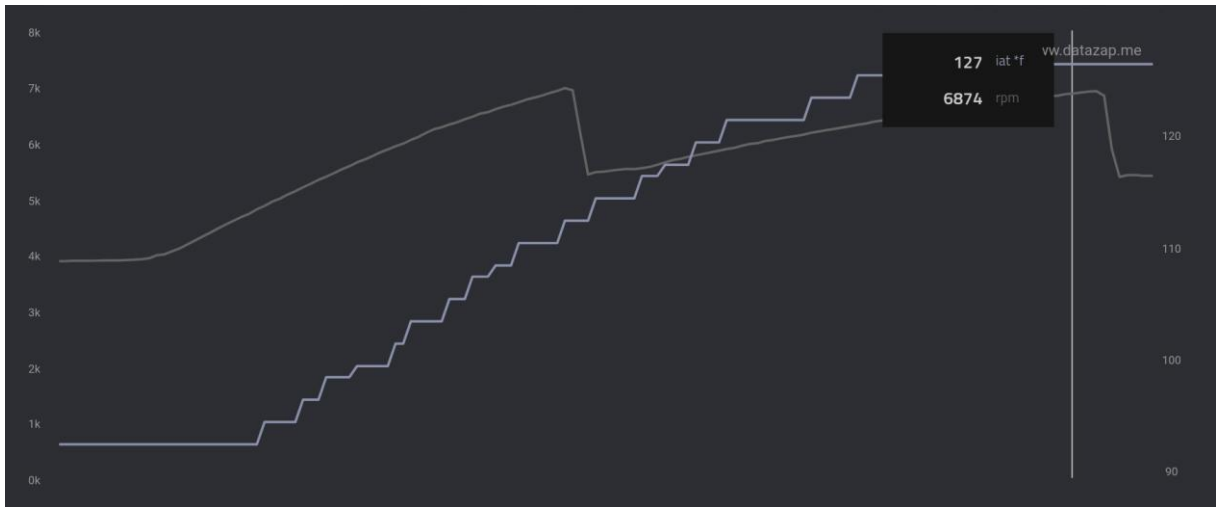


Abb.6 Datalogvergleich-iat-st0-st1-st2



VIII Excel-Tabellenprüfung Stage0

Tab. 1 – Stage0 Logwerte

Value	Min	Max	current min	current max	current mid	result
time	1	...	74			
amb pressure psi	0,13	14,7	14,4	14,4	14,4	correct!
accel ped. pos. %	0%	99,6%	0%	99,60%	50%	correct!
boost psi	0,4	13,4	4,6	9,8	7,2	correct!
boost mean psi	2,4	11,4	8	8,95	8,475	correct!
boost target psi	4,4	9,4	4,4	9,4	6,9	correct!
cyl1 timing cor*	0	3	0	0	0	correct!
cyl2 timing cor*	0	3	0	3,3	1,65	!correct!
cyl3 timing cor*	0	3	0	0	0	correct!
cyl4 timing cor*	0	3	0	0	0	correct!
cyl5 timing cor*	0	3	0	0	0	correct!
cyl6 timing cor*	0	3	0	0	0	correct!
fuel low pressure Sensor psi	60	80	66,2	79	72,6	correct!
gear-	1	7	3-5			
iat *f	32	150	93	127	110	correct!
Lambda bank 1 afr	11	14	11,6	14	12,8	correct!
Lambda Bank 2 afr	11	14	11,59	13,8	12,695	correct!
load actual	0	170	101,7	128,8	115,25	correct!
load req.	0	164	102,5	128	115,25	correct!
maf req wgdc g/s	15	400	163	238,65	200,825	correct!
rail pressure psi LL	600	800	620	652	636	correct!
rail pressure psi	1300	2700	1557,4	2419	1988,2	correct!
rpm	0	7000	0	6971	3485,5	correct!
stft 1%	-16	16	-16	15,6	-0,2	correct!
stft 2%	-16	16	-10,6	13,4	1,4	correct!
throttle position	3%	82%	23%	81,10%	52%	correct!
timing cyl. 1 *crk	0	15	9,8	14,2	12	correct!
torque actual value nm	300	600	304,5	401,6	353,05	correct!
torque lim. active	0	4	0	0	0	correct!
wgdc Bank 1%	25%	100%	27%	34,60%	31%	correct!
STATUS						!correct!



IX Excel-Tabellenprüfung Stage1

Tab. 2 – Stage1 Logwerte

Value	Min	Max	current min	current max	current mid	result
time	1	...	74			
amb pressure psi	0,13	14,7	14,4	14,4	14,4	correct!
accel ped. pos. %	0%	99,6%	0%	99,60%	50%	correct!
boost psi	3,7	18	11	13,3	12,15	correct!
boost mean psi	6,15	16	10,75	13,4	12,075	correct!
boost target psi	8,7	14	10,5	13,5	12	correct!
cyl1 timing cor*	0	3	0	3	1,5	correct!
cyl2 timing cor*	0	3	0	0	0	correct!
cyl3 timing cor*	0	3	0	0	0	correct!
cyl4 timing cor*	0	3	0	5,3	2,65	!correct!
cyl5 timing cor*	0	3	0	5	2,5	!correct!
cyl6 timing cor*	0	3	0	3	1,5	correct!
fuel low pressure Sensor psi	60	80	45,5	70,4	57,95	ATTENTION!
gear-	1	7	3-4			
iat *f	0	150	27	55	41	correct!
Lambda bank 1 afr	11	12,5	11,7	12,8	12,25	!correct!
Lambda Bank 2 afr	11	12,5	11,67	12,7	12,185	!correct!
load actual	0	170	142,6	153,8	148,2	correct!
load req.	0	170	141,1	156	148,55	correct!
maf req wgdc g/s	15	400	307	359,8	333,4	correct!
rail pressure psi LL	600	800	620	652	636	correct!
rail pressure psi	1300	2700	1737,1	2119,2	1928,15	correct!
rpm	0	7000	0	6768	3384	correct!
stft 1%	-15	15	-4,1	9,6	2,75	correct!
stft 2%	-15	15	-6,2	7,7	0,75	correct!
throttle position	3%	82%	23%	81,10%	52%	correct!
timing cyl. 1 *crk	0	11,2	0,4	7,9	4,15	correct!
torque actual value nm	300	600	380	556,4	468,2	correct!
torque lim. active	0	4	0	4	2	correct!
wgdc Bank 1%	25%	58%	42%	51,80%	47%	correct!
STATUS						!correct!



X Excel-Tabellenprüfung Stage2

Tab. 3 – Stage2 Logwerte

<u>Value</u>	<u>Min</u>	<u>Max</u>	<u>current min</u>	<u>current max</u>	<u>current mid</u>	<u>result</u>
time	1	...	74			
amb pressure psi	0,13	14,7	14,4	14,4	14,4	correct!
accel ped. pos. %	0%	99,6%	0%	99,60%	50%	correct!
boost psi	9,3	20,2	12,4	16,5	14,45	correct!
boost mean psi	11,3	18,2	12,85	16,3	14,575	correct!
boost target psi	13,3	16,2	13,3	16,2	14,75	correct!
cyl1 timing cor*	0	3	0	0	0	correct!
cyl2 timing cor*	0	3	0	0	0	correct!
cyl3 timing cor*	0	3	0	-3	-1,5	correct!
cyl4 timing cor*	0	3	0	0	0	correct!
cyl5 timing cor*	0	3	0	-3	-1,5	correct!
cyl6 timing cor*	0	3	0	0	0	correct!
fuel low pressure Sensor psi	60	80	61,3	75,24	68,27	correct!
gear-	1	7	3-4			
iat *f	32	150	61	90	75,5	correct!
Lambda bank 1 afr	11	12,5	11,96	12,5	12,23	correct!
Lambda Bank 2 afr	11	12,5	11,96	12,45	12,205	correct!
load actual	0	200	158,6	185	171,8	correct!
load req.	0	200	166	184,4	175,2	correct!
maf req wgdc g/s	15	400	359	397	378	correct!
rail pressure psi LL	600	800	620	652	636	correct!
rail pressure psi	1300	2700	1761,9	2178,9	1970,4	correct!
rpm	0	7000	0	6768	3384	correct!
stft 1%	-15	15	0	3,8	1,9	correct!
stft 2%	-15	15	3	6,1	4,55	correct!
throttle position	3%	82%	23%	81,10%	52%	correct!
timing cyl. 1 *crk	0	11,2	5,2	7,9	6,55	correct!
torque actual value nm	300	650	400	614	507	correct!
torque lim. active	0	4	0	0	0	correct!
wgdc Bank 1%	25%	60%	49%	59,10%	54%	correct!
STATUS						correct!



XII Bilder Hockenheimring



Abb.7 Hockenheimring-1



Abb.8 Hockenheimring-2



Abb.9 Hockenheimring-3