

Posted at: 10:00

**DTM**

Doc No.: 3



# **BOP (v1.0)**

## **Race 8, Hockenheim**

### **7. - 9. October 2022**

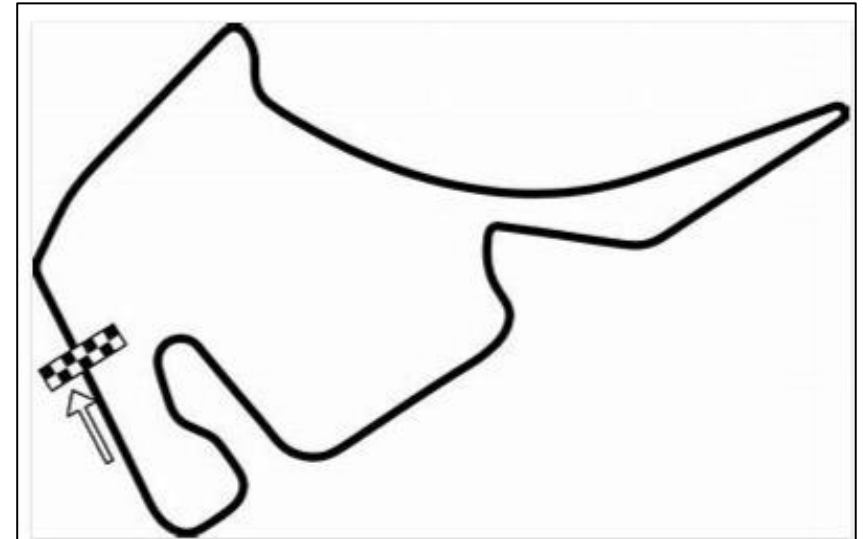
Anton Schweinzer

# DTM Race 8, Hockenheim

## General - Event and Track Information

Event:	DTM Race 8
Date:	7. - 9. October 2022



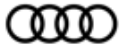





Track:	Hockenheim
Track Length:	4574m
Race 1:	13:30, 8. October 2022
Race 2:	13:30, 9. October 2022



# DTM Race 8, Hockenheim

## BoP for Engine and Car weight







<b>DTM</b>		<b>Balance of Performance, V1.0</b>					
		<b>DTM Race 8, Hockenheim</b>					
7. - 9. October 2022							
Brand	Typ	Restrictor [mm]	Boost ratio @ max Power [-]	DTM Car Weight [kg]	BoP Ballast [kg]	Total Car Weight [kg]	Total with Driver [kg]
	R8	2 x 37		1310	25	<b>1335</b>	<b><u>1415</u></b>
	M4		2.721	1310	0	<b>1310</b>	<b><u>1390</u></b>
	488		1.590	1295	35	<b>1330</b>	<b><u>1410</u></b>
	911	2 x 48		1275	5	<b>1280</b>	<b><u>1360</u></b>
	Huracan	2 x 41		1295	40	<b>1335</b>	<b><u>1415</u></b>
	GT3	2 x 36		1325	10	<b>1335</b>	<b><u>1415</u></b>
<b>Note:</b> 1. The DTM Car Weight includes the empty ballast box and the onboard camera. 2. The Total Car Weight includes the BoP Ballast.							



# DTM Race 8, Hockenheim

## BoP for P\_boost Ratio

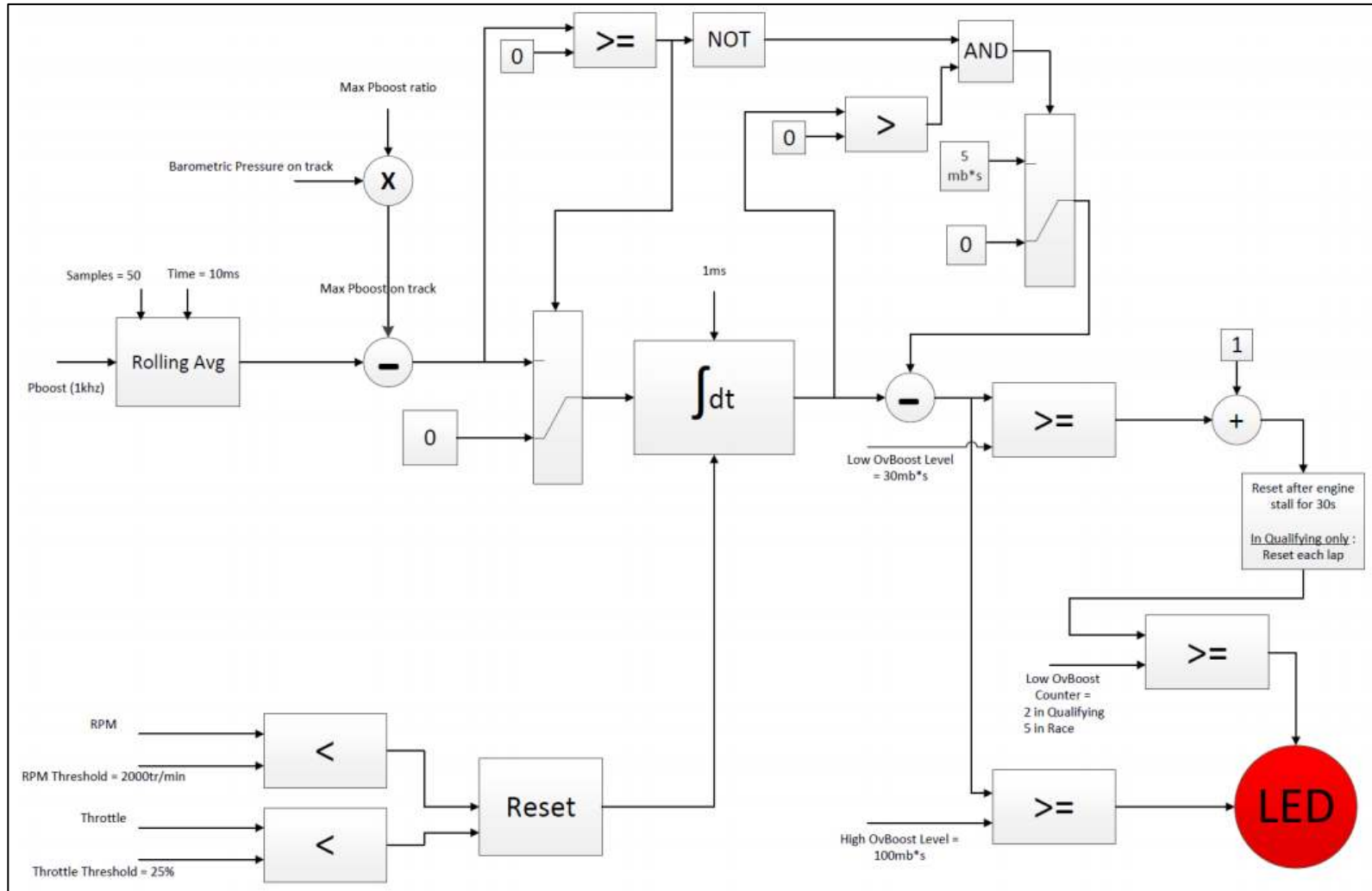
<b>DTM</b>		<b>Balance of Performance, V1.0</b>		
		<b>DTM Race 8, Hockenheim</b>		
7. - 9. October 2022				
P_Boost ratio for Turbo Engines				
				
n	P_boost ratio		P_boost ratio	
3000	1.486		x	
3500	1.537		2.357	
4000	1.606		2.409	
4500	1.673		2.493	
5000	1.727		2.591	
5250	x		2.637	
5500	1.751		2.683	
5750	x		2.720	
6000	1.733		2.724	
6250	x		2.721	
6500	1.662		2.648	
6750	x		2.528	
7000	1.590		2.394	
7500	1.539		x	

**Note:**

- The P\_boost ratio in the table has to be multiplied with the P\_Ambient pressure to get the P\_boost limits.
- P\_Ambient will be communicated by the Organisation.
- Boost pressure control like FIA strategy, see next figure.
- The interpolation between the breakpoints is linear.

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# DTM Race 8, Hockenheim FIA Boost Control



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