

Posted at: 12:30

**DTM**

Doc No.: 33



# **BoP** (v2.0)

**Race 7, Red Bull Ring - Spielberg**  
**23. - 25. September 2022**

Anton Schweinzer

# DTM Race 7, Red Bull Ring General - Event and Track Information

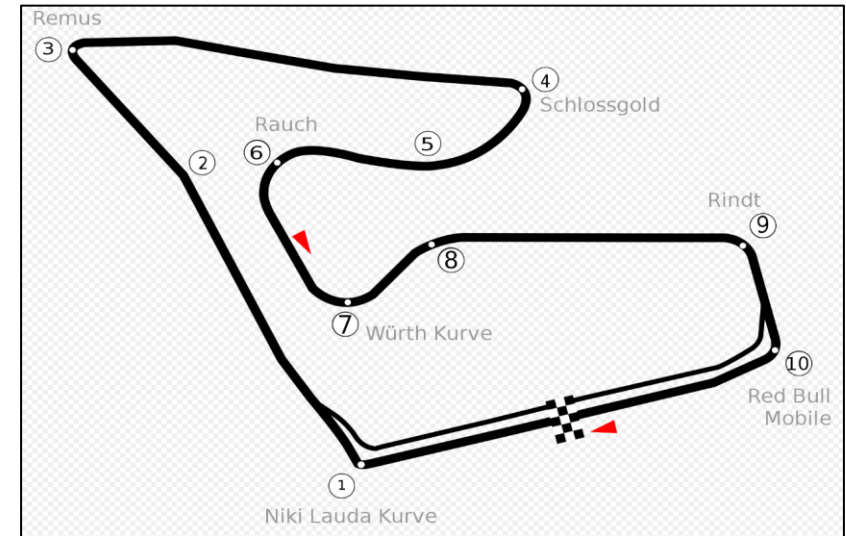
Event:	DTM Race 7
Date:	23. - 25. September 2022

Track: Red Bull Ring

Track Length: 4318m



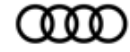





Race 1: 13:30, 24. September 2022

Race 2: 13:30, 25. September 2022



# DTM Race 7, Red Bull Ring BoP for Engine and Car weight







<b>DTM</b>		<b>Balance of Performance, V2.0</b>					
		<b>DTM Race 7, Red Bull Ring - Spielberg</b>					
23. - 25. September 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	1335	<u>1415</u>
	M4		2.680	1310	0	1310	<u>1390</u>
	488		1.590	1295	25	1320	<u>1400</u>
	911	2 x 48		1275	0	1275	<u>1355</u>
	Huracan	2 x 41		1295	40	1335	<u>1415</u>
	GT3	2 x 36		1325	10	1335	<u>1415</u>

**Note:**  
 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 7, Red Bull Ring BoP for P\_boost Ratio

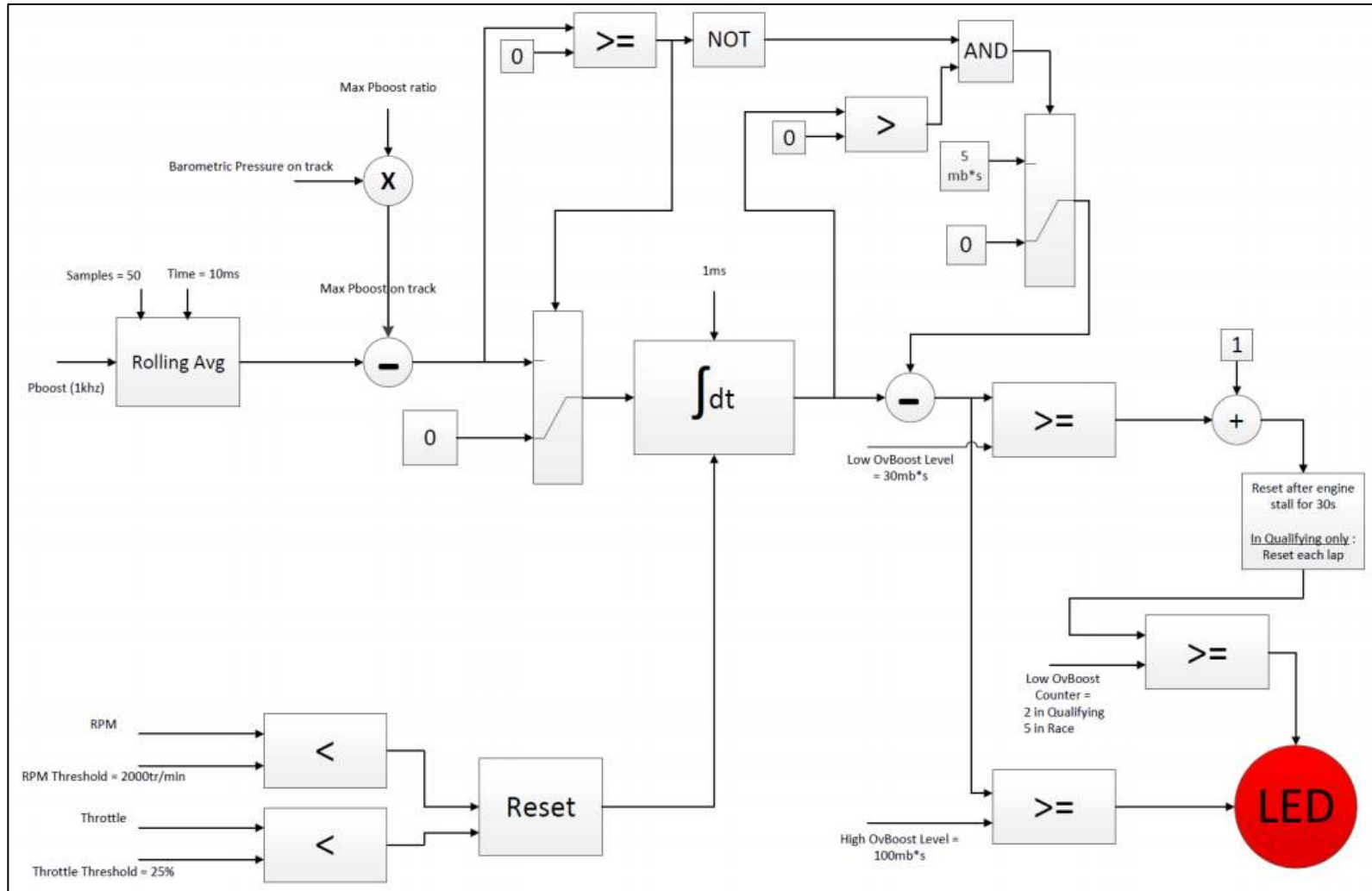
<b>DTM</b>		<b>Balance of Performance, V2.0</b>		
		<b>DTM Race 7, Red Bull Ring - Spielberg</b>		
23. - 25. September 2022				
P_Boost ratio for Turbo Engines				
				
n	P_boost ratio		P_boost ratio	
3000	1.486		x	
3500	1.537		2.357	
4000	1.606		2.409	
4500	1.673		2.493	
5000	1.727		2.583	
5250	x		2.621	
5500	1.751		2.655	
5750	x		2.679	
6000	1.733		2.683	
6250	x		2.680	
6500	1.662		2.607	
6750	x		2.488	
7000	1.590		2.353	
7500	1.539		x	

**Note:**

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

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# DTM Race 7, Red Bull Ring FIA Boost Control



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