

2019 AUSTRIAN GRAND PRIX

27 - 30 June 2019

From	The FIA Formula One Technical Delegate	Document	3
To	The Stewards	Date	27 June 2019
		Time	12:00

Title Technical Delegate's Report

Description PU elements used per driver up to now

Enclosed 09 Austrian GP 19 TDR1.pdf

Jo Bauer

The FIA Formula One Technical Delegate

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Technical Delegate's Report

The drivers entered in the 2019 Formula One Championship have used the below listed number of power unit elements during this season so far:

			ICE	TC				
			MGU-H	MGU-K				
			ES	CE				
ICE	Internal Combustion Engine		TC	Turbo Charger				
MGU-H	Motor Generator Unit – Heat		MGU-K	Motor Generator Unit – Kinetic				
ES	Energy Store		CE	Control Electronics				
N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE
44	Mercedes	Lewis Hamilton	2	2	2	1	1	1
77	Mercedes	Valtteri Bottas	2	2	2	1	1	1
05	Ferrari	Sebastian Vettel	2	2	2	1	1	2
16	Ferrari	Charles Leclerc	2	2	2	1	1	2
33	RBR Honda	Max Verstappen	3	3	3	2	2	2
10	RBR Honda	Pierre Gasly	3	3	3	2	2	2
03	Renault	Daniel Ricciardo	3	3	3	2	2	2
27	Renault	Nico Hülkenberg	4	4	4	3	2	3
08	Haas Ferrari	Romain Grosjean	2	2	2	1	2	2
20	Haas Ferrari	Kevin Magnussen	2	2	2	1	2	3
55	McLaren Renault	Carlos Sainz	3	3	3	2	2	2
04	McLaren Renault	Lando Norris	2	2	2	2	2	2
11	Racing Point Mercedes	Sergio Perez	2	2	2	1	1	1
18	Racing Point Mercedes	Lance Stroll	3	3	3	2	1	1
07	Alfa Romeo Ferrari	Kimi Räikkönen	2	2	2	1	2	2
99	Alfa Romeo Ferrari	Antonio Giovinazzi	2	2	2	1	2	3
26	Toro Rosso Honda	Daniil Kvyat	4	4	4	3	3	3
23	Toro Rosso Honda	Alexander Albon	3	2	2	2	2	2
63	Williams Mercedes	George Russell	2	2	2	1	3	3
88	Williams Mercedes	Robert Kubica	2	2	2	1	1	1