

2023 LAS VEGAS GRAND PRIX

16 - 18 November 2023

From	The FIA Formula One Technical Delegate	Document	7
To	The Stewards	Date	16 November 2023
		Time	16:30

Title Technical Delegate's Report

Description PU elements used per driver up to now

Enclosed 22 LAV GP 23 TDR1.pdf

Jo Bauer

The FIA Formula One Technical Delegate

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The drivers entered in the 2023 Formula One Championship have used the below listed number of power unit elements during this season so far:

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
EX	Engine EXhaust system		

N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE	EX
01	RBR RBPT	Max Verstappen	4	4	4	4	2	2	6
11	RBR RBPT	Sergio Perez	5	5	5	5	3	4	6
16	Ferrari	Charles Leclerc	4	4	4	4	3	4	7
55	Ferrari	Carlos Sainz	4	4	4	4	2	2	7
63	Mercedes	George Russell	4	4	4	4	2	2	4
44	Mercedes	Lewis Hamilton	4	4	4	4	2	2	5
31	Alpine Renault	Esteban Ocon	4	4	4	4	2	2	7
10	Alpine Renault	Pierre Gasly	4	4	4	4	2	2	7
81	McLaren Mercedes	Oscar Piastri	4	4	4	4	2	2	5
04	McLaren Mercedes	Lando Norris	4	3	3	3	2	2	6
77	Alfa Romeo Ferrari	Valtteri Bottas	4	4	4	4	2	2	7
24	Alfa Romeo Ferrari	Zhou Guanyu	5	5	5	4	2	3	7
18	Aston Martin Mercedes	Lance Stroll	4	4	4	4	2	2	4
14	Aston Martin Mercedes	Fernando Alonso	4	4	4	4	2	2	4
20	Haas Ferrari	Kevin Magnussen	5	5	5	4	3	3	6
27	Haas Ferrari	Nico Hülkenberg	5	5	5	5	2	3	7
03	AlphaTauri RBPT	Daniel Ricciardo	4	4	4	4	3	3	6
22	AlphaTauri RBPT	Yuki Tsunoda	5	5	5	5	3	3	7
23	Williams Mercedes	Alexander Albon	4	4	4	4	2	2	5
02	Williams Mercedes	Logan Sargeant	4	4	4	4	2	2	4