



## 2017 SPANISH GRAND PRIX

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	4
<b>To</b>	The FIA Stewards of the Meeting	<b>Date</b>	11 May 2017
		<b>Time</b>	11:05

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**Title** Technical delegate's report  
**Description** PU elements used per driver up to now  
**Enclosed** 05 Spanish GP 17 TDR1.pdf

**Jo Bauer**

**The FIA Formula One Technical Delegate**



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### Technical Delegate's Report

The drivers entered in the 2017 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

N°	Car	Driver	ICE	TC	MGU-H	MGU-K	ES	CE
44	Mercedes	Lewis Hamilton	1	1	1	1	1	1
77	Mercedes	Valtteri Bottas	1	1	1	1	1	2
03	RBR TAG Heuer	Daniel Ricciardo	2	2	2	1	1	2
33	RBR TAG Heuer	Max Verstappen	2	2	2	1	1	2
05	Ferrari	Sebastian Vettel	1	3	2	1	2	2
07	Ferrari	Kimi Räikkönen	2	3	2	1	2	2
11	Force India Mercedes	Sergio Perez	1	1	1	1	1	1
31	Force India Mercedes	Esteban Ocon	1	1	1	1	2	1
19	Williams Mercedes	Felipe Massa	1	1	1	1	2	1
18	Williams Mercedes	Lance Stroll	1	1	1	1	1	1
14	McLaren Honda	Fernando Alonso	2	3	3	2	1	1
02	McLaren Honda	Stoffel Vandoorne	2	5	5	2	3	3
26	Toro Rosso	Daniil Kvyat	2	2	2	1	1	1
55	Toro Rosso	Carlos Sainz	2	2	3	3	2	2
08	Haas Ferrari	Romain Grosjean	2	3	2	2	1	2
20	Haas Ferrari	Kevin Magnussen	2	2	2	2	2	2
27	Renault	Nico Hülkenberg	2	2	2	2	1	2
30	Renault	Jolyon Palmer	2	2	2	1	1	2
09	Sauber Ferrari	Marcus Ericsson	2	2	2	1	1	1
94	Sauber Ferrari	Pascal Wehrlein	2	2	2	1	1	2