

2018 BELGIAN GRAND PRIX

23 - 26 August 2018

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		Time	11:05

Title Technical Delegate's Report
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Enclosed 13 Belgian GP 18 TDR3.pdf

Jo Bauer

The FIA Formula One Technical Delegate

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From : The FIA Formula One Technical Delegate

To : The Stewards of the Meeting

Date : 24 August 2018

Time : 11:05

Technical Delegate's Report

The following drivers will start the thirteenth Event of the 2018 Formula One World Championship with a new internal combustion engine (ICE):

Number	Car	Driver	Previously used ICE
44	Mercedes	Lewis Hamilton	2
77	Mercedes	Valtteri Bottas	3
05	Ferrari	Sebastian Vettel	2
07	Ferrari	Kimi Räikkönen	2
11	Force India Mercedes	Sergio Perez	2
31	Force India Mercedes	Esteban Ocon	2
18	Williams Mercedes	Lance Stroll	2
35	Williams Mercedes	Sergey Sirotkin	2
27	Renault	Nico Hülkenberg	3
55	Renault	Carlos Sainz	2
02	McLaren Renault	Stoffel Vandoorne	2

The internal combustion engine used by Valtteri Bottas is the fourth new internal combustion engine for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Mercedes AMG Petronas Motorsport team informed the technical delegate about the internal combustion engine change on 20 August 2018, at 18:42 hours.

The internal combustion engine used by Nico Hülkenberg is the fourth new internal combustion engine for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Renault Sport Formula One Team informed the technical delegate about the internal combustion engine change on 21 August 2018, at 11:52 hours.

The internal combustion engine used by the other above drivers is one of the three new internal combustion engines allowed for the 2018 Championship season and this is in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The following drivers will start the thirteenth Event of the 2018 Formula One World Championship with a new turbocharger (TC):

Number	Car	Driver	Previously used TC
44	Mercedes	Lewis Hamilton	2
77	Mercedes	Valtteri Bottas	3
05	Ferrari	Sebastian Vettel	2
11	Force India Mercedes	Sergio Perez	2
31	Force India Mercedes	Esteban Ocon	2
18	Williams Mercedes	Lance Stroll	2
35	Williams Mercedes	Sergey Sirotkin	2
27	Renault	Nico Hülkenberg	3
02	McLaren Renault	Stoffel Vandoorne	2

The turbocharger used by Valtteri Bottas is the fourth new turbocharger for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Mercedes AMG Petronas Motorsport team informed the technical delegate about the turbocharger change on 20 August 2018, at 18:42 hours.

The turbocharger used by Nico Hülkenberg is the fourth new turbocharger for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Renault Sport Formula One Team informed the technical delegate about the turbocharger change on 21 August 2018, at 11:52 hours.

The turbocharger used by the other above drivers is one of the three new turbochargers allowed for the 2018 Championship season and this is in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The following drivers will start the thirteenth Event of the 2018 Formula One World Championship with a new motor generator unit-heat (MGU-H):

Number	Car	Driver	Previously used MGU-H
44	Mercedes	Lewis Hamilton	2
77	Mercedes	Valtteri Bottas	3
05	Ferrari	Sebastian Vettel	2
11	Force India Mercedes	Sergio Perez	2
31	Force India Mercedes	Esteban Ocon	2
18	Williams Mercedes	Lance Stroll	2
35	Williams Mercedes	Sergey Sirotkin	2
27	Renault	Nico Hülkenberg	3
02	McLaren Renault	Stoffel Vandoorne	2

The motor generator unit-heat used by Valtteri Bottas is the fourth new motor generator unit-heat for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Mercedes AMG Petronas Motorsport team informed the technical delegate about the motor generator unit-heat change on 20 August 2018, at 18:42 hours.

The motor generator unit-heat used by Nico Hülkenberg is the fourth new motor generator unit-heat for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Renault Sport Formula One Team informed the technical delegate about the motor generator unit-heat change on 21 August 2018, at 11:52 hours.

The motor generator unit-heat used by the other above drivers is one of the three new motor generator units-heat allowed for the 2018 Championship season and this is in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The following drivers will start the thirteenth Event of the 2018 Formula One World Championship with a new motor generator unit-kinetic (MGU-K):

Number	Car	Driver	Previously used MGU-K
44	Mercedes	Lewis Hamilton	1
77	Mercedes	Valtteri Bottas	2
11	Force India Mercedes	Sergio Perez	1
31	Force India Mercedes	Esteban Ocon	1
18	Williams Mercedes	Lance Stroll	1
35	Williams Mercedes	Sergey Sirotkin	1
27	Renault	Nico Hülkenberg	2

The motor generator unit-kinetic used by Valtteri Bottas is the third new motor generator unit-kinetic for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Mercedes AMG Petronas Motorsport team informed the technical delegate about the motor generator unit-kinetic change on 20 August 2018, at 18:42 hours.

The motor generator unit-kinetic used by Nico Hülkenberg is the third new motor generator unit-kinetic for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Renault Sport Formula One Team informed the technical delegate about the motor generator unit-kinetic change on 21 August 2018, at 11:52 hours.

The motor generator unit-kinetic used by the other above drivers is one of the two new motor generator units-kinetic allowed for the 2018 Championship season and this is in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The following drivers will start the thirteenth Event of the 2018 Formula One World Championship with a new energy store (ES):

Number	Car	Driver	Previously used ES
77	Mercedes	Valtteri Bottas	2
31	Force India Mercedes	Esteban Ocon	1
18	Williams Mercedes	Lance Stroll	1
35	Williams Mercedes	Sergey Sirotkin	1
27	Renault	Nico Hülkenberg	2

The energy store used by Valtteri Bottas is the third new energy store for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Mercedes AMG Petronas Motorsport team informed the technical delegate about the energy store change on 23 August 2018, at 15:49 hours.

The energy store used by Nico Hülkenberg is the third new energy store for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Renault Sport Formula One Team informed the technical delegate about the energy store change on 21 August 2018, at 11:52 hours.

The energy store used by the above drivers is one of the two new energy stores allowed for the 2018 Championship season and this is in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The following drivers will start the thirteenth Event of the 2018 Formula One World Championship with a new control electronics (CE):

Number	Car	Driver	Previously used CE
77	Mercedes	Valtteri Bottas	2
11	Force India Mercedes	Sergio Perez	1
31	Force India Mercedes	Esteban Ocon	1
18	Williams Mercedes	Lance Stroll	1
35	Williams Mercedes	Sergey Sirotkin	1
27	Renault	Nico Hülkenberg	2

The control electronics used by Valtteri Bottas is the third new control electronics for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Mercedes AMG Petronas Motorsport team informed the technical delegate about the control electronics change on 23 August 2018, at 15:49 hours.

The control electronics used by Nico Hülkenberg is the third new control electronics for the 2018 Championship season and this is not in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.

The Renault Sport Formula One Team informed the technical delegate about the control electronics change on 21 August 2018, at 11:52 hours.

The control electronics used by the above drivers is one of the two new control electronics allowed for the 2018 Championship season and this is in conformity with Article 23.3a of the 2018 Formula One Sporting Regulations.