



2008 HUNGARIAN GRAND PRIX

From :	The FIA Formula One Technical Delegate	Document :	3
To :	The Stewards of the Meeting	Date :	31 July 2008
		Time :	15:15

TECHNICAL DELEGATE'S REPORT

Between 10.00 and 14.50 today the following cars underwent preliminary scrutineering:

Car numbers		Team
1, 2	:	Scuderia Ferrari Marlboro
3, 4	:	BMW Sauber F1 Team
5, 6	:	ING Renault F1 Team
7, 8	:	AT & T Williams
9, 10	:	Red Bull Racing
11, 12	:	Panasonic Toyota Racing
14, 15	:	Scuderia Toro Rosso
16, 17	:	Honda Racing F1 Team
20, 21	:	Force India F1 Team
22, 23	:	Vodafone McLaren Mercedes

All the above cars were found to be in conformity with the safety requirements of the 2008 FIA Formula One Technical Regulations.

Jo Bauer
FIA Formula One Technical Delegate



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To :	The Stewards of the Meeting	Date :	31 July 2008
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TECHNICAL DELEGATE'S REPORT

A seal was broken on the gearbox of car number 09, driver David Coulthard, in order to change the layshaft lip seal.

This was done in accordance with Article 9.5.2 of the 2008 FIA Formula One Technical Regulations.

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To :	The Stewards of the Meeting	Date :	01 August 2008
		Time :	16:30

TECHNICAL DELEGATE'S REPORT

After the first free practice session:

It was checked that all cars did not exceed 19000 rpm during the first free practice session.

The fuel pressure of car numbers 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 14, 15, 16, 17, 21, 22 and 23 during the first free practice session was checked.

A fuel sample was taken from car number 12.

After the second free practice session:

The following cars were weighed:

<i>Number</i>	<i>Car</i>	<i>Driver</i>
04	BMW Sauber	Robert Kubica
12	Toyota	Timo Glock

Car numbers 04 and 12 were checked for the following:

- 1) Bodywork around the front wheels
- 2) Front wing height and overhang
- 3) Rear wing height and overhang
- 4) Front and rear wing width
- 5) Rear wing configuration
- 6) Rear bodywork area
- 7) Rear winglet height
- 8) Stepped bottom
- 9) Overall height
- 10) Overall width

The tyres used by all drivers during the sessions today have been checked.

A fuel sample was taken from car number 16.

The results of fuel analyses show that the fuels were the same as ones, which had been approved for use by the relevant competitors prior to the Event.

All the above items were found to be in conformity with 2008 FIA Formula One Technical Regulations.

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10	Red Bull Renault	Mark Webber
11	Toyota	Jarno Trulli
12	Toyota	Timo Glock
22	McLaren Mercedes	Lewis Hamilton
23	McLaren Mercedes	Heikki Kovalainen

Car numbers 01, 02, 04, 05, 06, 10, 11, 12, 22 and 23 were checked for the following:

- 1) Bodywork around the front wheels
- 2) Front wing height and overhang
- 3) Rear wing height and overhang
- 4) Front and rear wing width
- 5) Rear wing configuration
- 6) Rear bodywork area
- 7) Rear winglet height
- 8) Stepped bottom
- 9) Diffuser height
- 10) Diffuser width
- 11) Overall height
- 12) Overall width

The chassis identification transponders have been confirmed for car numbers 01, 02, 04, 05, 06, 10, 11, 12, 22 and 23.

The maximum distance between the adjacent rear wing sections at any longitudinal plane was checked on car numbers 01, 02, 04, 05, 09, 10, 11, 15, 22 and 23.

Hardware identification checks have been carried out on car number 02.

Software version checks have been carried out on car numbers 02, 04, 10, 12 and 22.

The units locking status was checked on car numbers 02, 04, 10, 12 and 22.

Engine protections were checked on car numbers 02, 04, 10, 12 and 22.

Gear shift data checks have been carried out on car numbers 01, 02, 04, 05, 12 and 22.

The gear shift configuration of car numbers 02, 04, 10, 12 and 22 was checked.

The throttle mapping was checked on car numbers 02, 04, 10, 12 and 22.

It was checked that all cars did not exceed 19000 rpm during the qualifying sessions.

The fuel pressure of all cars during the qualifying sessions was checked.

It was confirmed for all drivers taking part in the qualifying session that they have used their sealed engine.

The tyres used by all drivers during the sessions today have been checked.

Fuel samples were taken from car numbers 02, 04 and 22.

All the fuel samples have been checked for density and analysed by gas chromatography.

The results of fuel analyses show that the fuels were the same as ones, which had been approved for use by the relevant competitors prior to the Event.

The following software versions have been used by the teams during the qualifying sessions:

Car numbers	Team	Version
1, 2	: Scuderia Ferrari Marlboro	V1.00.0035
3, 4	: BMW Sauber F1 Team	V1.00.0035
5, 6	: ING Renault F1 Team	V1.00.0035
7, 8	: AT & T Williams	V1.00.0035
9, 10	: Red Bull Racing	V1.00.0035
11, 12	: Panasonic Toyota Racing	V1.00.0035
14, 15	: Scuderia Toro Rosso	V1.00.0035
16, 17	: Honda Racing F1 Team	V1.00.0035
20, 21	: Force India F1 Team	V1.00.0035
22, 23	: Vodafone McLaren Mercedes	V1.00.0035

All the above items were found to be in conformity with 2008 FIA Formula One Technical Regulations.

Jo Bauer
FIA Formula One Technical Delegate



2008 HUNGARIAN GRAND PRIX

From :	The FIA Formula One Technical Delegate	Document :	36
To :	The Stewards of the Meeting	Date :	03 August 2008
		Time :	12:30

TECHNICAL DELEGATE'S REPORT

The following parts have been replaced during the Parc Fermé yesterday and today:

Ferrari:

Car 01: All brake discs and pads

Car 02: Turning vane bolt
Boot for floor pressure sensor
LHS and RHS rear brake duct do-nuts backing plates
Battery AV mount

BMW Sauber:

Car 03: SECU

Car 04: Radio box

Renault:

Car 05: LHS rear tyre temperature sensor
LHS and RHS inner front drums

Car 06: LHS and RHS inner front drums
LHS rear drum seal
LHS barge board shadow plate

Williams Toyota:

Car 07: Hydraulic power pack assembly
LHS rear view mirror moulding
LHS front wheel nut retainer mechanism

Car 08: Hydraulic power pack assembly
LHS rear brake duct vane

Toyota:

Car 11: Rear wing flap

STR Ferrari:

Car 15: RHS front wheel cover assembly
Gearbox oil wiggins O-ring
Air bottle

Honda:

Car 16: RHS rear wheel speed sensor

Force India Ferrari:

Car 20: Rear track rod shroud fixings

McLaren Mercedes:

Car 23: LHS rear load cell

All above parts have been replaced with the approval of the FIA technical delegate following a written request from the team concerned, this being in accordance with Article 34.1 of the 2008 Formula One Sporting Regulations.

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FIA Formula One Technical Delegate

Car numbers 01, 04, 05, 06, 11, 12, 22 and 23 were checked for the following:

- 1) Bodywork around the front wheels
- 2) Front wing height and overhang
- 3) Rear wing height and overhang
- 4) Front and rear wing width
- 5) Rear wing configuration
- 6) Rear bodywork area
- 7) Rear winglet height
- 8) Skidblock thickness
- 9) Stepped bottom
- 10) Diffuser height
- 11) Diffuser area
- 12) Overall height
- 13) Overall width

The start data of car numbers 01, 05, 12 and 23 have been checked.

Gear shift data checks have been carried out for car numbers 01, 05, 12 and 23.

The gear shift configuration of car numbers 01, 05, 12 and 23 was checked.

Software version checks have been carried out on car numbers 01, 05, 12 and 23.

The units locking status was checked on car numbers 01, 05, 12 and 23.

The logger usage was checked on car numbers 01, 05, 12 and 23.

Engine protections were checked on car numbers 01, 05, 12 and 23.

The throttle mapping was checked on car numbers 01, 05, 12 and 23.

It was checked that car numbers 01, 05, 12 and 23 did not exceed 19000 rpm during the race.

The fuel pressure of car numbers 01, 05, 12 and 23 during the race was checked.

The tyres used by all drivers during the sessions today have been checked.

The data logger of the refuelling rig of car numbers 08, 10, 12, 14 and 15 has been checked.

A fuel sample was taken from car numbers 01, 05 and 12.

The fuel samples have been checked for density and analysed by gas chromatography.

The results of all the fuel analyses show that the fuels were the same as ones, which had been approved for use by the relevant competitors prior to the Event.

All car weights and the items checked were found to be in conformity with the 2008 FIA Formula One Technical Regulations.

Jo Bauer
FIA Formula One Technical Delegate