



## 2014 SPANISH GRAND PRIX

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	36
<b>To</b>	The FIA Stewards of the Meeting	<b>Date</b>	11 May 2014
		<b>Time</b>	12:45

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

### Red Bull Racing Renault:

Car 01:      Gearbox  
                 Gearbox oil cooler  
                 Gearbox oil pipes  
                 Gearbox oil filter  
                 Hydraulic system  
                 Torque sensor  
                 Input shaft  
                 Rear inboard suspension assembly  
                 Rear external suspension assembly  
                 Parameters associated with change of gearbox/BBW

### Mercedes:

Car 06:      ERS pack filter  
                 Brake friction material  
                 Parameters associated with change of brake friction material

### Ferrari:

Car 14:      Rear brake calipers  
                 Rear brake friction material  
                 RHS ignition coils  
                 Adjust model of MGU-K DC power (at FiA request)

Car 07:      RHS ignition coils  
                 Hydraulic QD's between MOOG block and radiator

### **Lotus Renault:**

- Car 08:      Seal assembly in LHS rear brake drum  
              Correct TPMS serial number
- Car 13:      Nose/front wing assembly  
              RHS front wishbones  
              RHS front track rod  
              RHS front push rod  
              Power steering rack  
              RHS front upright assembly  
              RHS front brake duct fence  
              RHS front drum wishbone gaiters  
              RHS front inboard wishbone gaiters  
              Front inboard suspension assembly  
              Lower chassis wing  
              Chassis keel leading edge  
              RHS front drum internal duct  
              Parameters associated with front RHS pushrod load sensor and steering angle sensor
- changes

### **McLaren Mercedes:**

- Car 22:      Spark plugs
- Car 20:      Fuel level sensor  
              Spark plugs  
              LHS ignition coils

### **Sauber Ferrari:**

- Car 99:      Fuse box  
              LHS front upper and lower brake duct scoop
- Car 21:      LHS rear Brake duct scoop inlet

### **Toro Rosso Renault:**

- Car 25:      Hydraulic powerpack  
              RHS floor stay fastener  
              LHS front wheel interlocker  
              Floor beam support brackets

Clutch actuator housing  
Clutch friction material  
RHS primary exhaust assembly  
Parameters associated with replacing clutch housing (clutch position sensor change)

Car 26: LHS front tyre temperature sensor  
Front wing

#### **Marussia Ferrari:**

Car 17: CU-HK  
Parameters associated with change of CU-HK

Car 04: ECU  
LHS front outer brake wear LVDT  
Fuel collector PRV manifold  
2<sup>nd</sup> gear ratio pair  
6<sup>th</sup> gear ratio pair and associated dog ring

#### **Caterham Renault:**

Car 10: RHS exhaust heatshielding lock-wire  
LHS front caketin inner shroud mounting bracket

Car 09: ECU  
QD's on hydraulic power pack

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 2014 Formula One Sporting Regulations.

**Jo Bauer**

**The FIA Formula One Technical Delegate**