



2013 BRAZILIAN GRAND PRIX

From	The FIA Formula 1 Technical Delegate	Document	45
To	All Teams, All Officials	Date	24 November 2013
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Technical Report

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

Red Bull Racing Renault:

Car 01: Yaw probe assembly
 Yaw probe calibration parameters
 Shift actuator MOOG bias

Car 02: RHS rear brake calliper retaining nuts
 Front brake friction material

Ferrari:

Car 03: LHS nose dummy camera
 Pitot sensor hose

Car 04: Power box unit
 Fuel rail
 Parameters associated with change of fuel rail
 RHS rear floor pressure sensor

McLaren Mercedes:

Car 05: Steering wheel

Car 06: RHS front top wishbone
 RHS front lower wishbone
 RHS front pull rod

RHS front trackrod
RHS front upright assembly
RHS front brake duct
Nose box
Front wing main plane assembly
RHS front wing end plate
Steering rack
Steering column
Steering wheel
Rear wing assembly
Gearbox
Rear impact structure shroud
Floor
Headrest
Fire extinguisher switch assembly
RHS rear top wishbone
RHS rear lower wishbone
RHS rear pull rod
RHS rear toelink
RHS rear upright assembly
RHS rear brake duct assembly
Rear bell cranks
Rear anti roll bar
Rear side dampers
RHS rear upper and lower choke panel
RHS rear exhaust exit louvre
Front and rear brake friction material
Seat belts
Seat belt mountings
RHS rear lower wishbone forward leg heatshield
Parameters associated with steering, gearbox and brakes

Mercedes:

Car 09: RHS Coanda channel

Car 10: RHS front brake disc temperature IR sensor
 RHS Coanda channel

Force India Mercedes:

Car 14: LHS rear brake friction material

Caterham Renault:

Car 20: LHS and RHS rear brake duct drum

Marussia Cosworth:

Car 22: LHS rear hub accelerometer

Car 23: LHS front hub accelerometer
LHS front outer brake calliper cover
Radio antenna

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 2013 Formula One Sporting Regulations.

Jo Bauer

The FIA Formula 1 Technical Delegate