



2013 GERMAN GRAND PRIX

From	The FIA Formula 1 Technical Delegate	Document	34
To	All Teams, All Officials	Date	07 July 2013
		Time	12:55

Technical Report

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

Red Bull Racing Renault:

Car 01: RHS front wheelspeed sensor
 LHS and RHS rear brake drum seals

Car 02: LHS and RHS rear brake drum seals

McLaren Mercedes:

Car 05: L band antenna
 Coax cable between antenna and chassis
 LHS front brake disc deflector
 LHS front brake duct donut
 RHS front brake disc deflector
 RHS rear lower wishbone forward leg thermocouple
 Resampling of throttle pedal signal

Car 06: Umbilical cover tridar receptacle
 LHS rear lower wishbone forward leg thermocouple

Lotus Renault:

Car 07: RHS floor loom
 Radio and coax cable
 Alternator
 Engine oil filter

RHS front outboard trackrod joint
Front bulkhead cover mounting
RHS heatshield
Rear brake friction material
Rear brake wear sensors zeroing due to brake friction material change
Rear heave link fastener anti rotation cap
RHS rear brake wear sensor
Parameters associated with change of RHS rear brake wear sensor
Brake fluid reservoir protective shroud
Pitot/voice antennae assembly

Car 08: KERS battery pack
Parameters associated with replacement of KERS battery pack
Starter hole sealing flap
Nose/front wing assembly

Mercedes:

Car 09: LHS rear upright break out box

Car 10: LHS front upright
LHS front lower wishbone
LHS front top wishbone
LHS front track rod
LHS front inner calliper cooling duct
Headrest
Lower fuel hatch
Fuel filter
Mechanical fuel pump

Sauber Ferrari:

Car 11: Seals on gas bottle of rear suspension heave spring system

Car 12: Front and rear brake master cylinder
Brake master cylinder sensors zeroing due to replacement of master cylinders

Force India Mercedes:

Car 14: Oil tank AV mounts
LHS and RHS airbox fixings
TPMS antenna

Car 15: DRS QD assembly
Air pump assembly
Disabled faulty KERS temperature sensor

Williams Renault:

Car 16: KERS water pump
KERS water cooler
KERS water lines
KERS MGU
KERS battery

Car 17: Chassis pitot
Parameters associated with pitot sensor change

Toro Rosso Ferrari:

Car 19: Engine oil pipe O-rings
RHS mid T-tray bracket

Caterham Renault:

Car 20: Tywrap that secures the MGU to KCU KERS water coolant pipe
Foam pad on hydraulic off-car rig QD
Alternator
Engine oil filter
Gearbox layshaft

Car 21: Foam pad on hydraulic off-car rig QD

Marussia Cosworth:

Car 22: Sidepod tridair

Car 23: RHS front outer brake caliper cover
 LHS exhaust thermocouple
 LHS front brake disc temperature sensor

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