

2019 BELGIAN GRAND PRIX

29 August - 1 September 2019

From	The FIA Formula One Technical Delegate	Document	39
To	The Stewards	Date	01 September 2019
		Time	14:05

Technical Delegate's Report

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

Mercedes:

Car 44: RHS upright deflector quarter panel
 LHS and RHS front calliper cross over ducts
 RHS front upright cross over duct

Red Bull Racing Honda:

Car 33: RHS front brake IR sensor

Renault:

Car 03: Dry break hydraulic pump connector
 Wastegate cooling convoluted hose

Haas Ferrari:

Car 20: ICE coolant water header tank

McLaren Renault:

Car 55: RHS front brake duct disc deflector
 MGU-K (new, same spec)

ES (new, same spec)

Parameter changes associated with the replacement of the MGU-K and ES

Car 04: RHS rear brake duct wing cascade

Racing Point Mercedes:

Car 11: Steering rack

Parameter changes associated with the replacement of the steering rack

Alfa Romeo Racing Ferrari:

Car 07: Heel rest

Car 99: ICE (new, same spec)
 TC (new, same spec)
 MGU-H (new, same spec)
 CE PB (new, same spec)
 LHS water cooler
 RHS water cooler
 Oil cooler
 ES oil cooler
 ES water cooler
 Gearbox oil cooler
 Hydraulic oil cooler
 Hydraulic MOOG block
 Gearbox loom
 Centre cooler air duct
 RHS sidepod
 RHS upper suspension panel
 RHS lower suspension panel
 RHS rear wing endplate
 RHS rear upright assembly
 RHS rear lower wishbone
 RHS rear upper wishbone
 RHS rear track rod
 RHS rear pullrod
 Gearbox
 Fuse box
 Engine coolant water bottle

Parameter changes associated with the replacement of the PU elements, gearbox and coolers

Williams Mercedes:

Car 63: Front wing fence

Car 88: ICE (previously used, different spec)
TC (previously used, different spec)
MGU-H (previously used, different spec)

Gearbox

Rear suspension assembly

Gearbox hydraulics

Rear wing assembly (different spec)

Engine cover

RHS water/oil cooler and associated pipes

Charge air cooler and boost pipes

Centre line water/gearbox oil cooler

Exhaust pipe

Wastegate pipes

Parameter changes associated with the replacement of the PU elements, rear-end assembly and coolers

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 34.2 of the 2019 Formula One Sporting Regulations.

Jo Bauer

The FIA Formula One Technical Delegate