

# 2021 ITALIAN GRAND PRIX

## 9 - 12 September 2021

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	51
<b>To</b>	The Stewards	<b>Date</b>	12 September 2021
		<b>Time</b>	13:55

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### Technical Delegate's Report

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

#### Mercedes:

Car 44:      LHS rear pull rod  
                 Parameter changes associated with LHS rear pull rod replacement  
                 RHS plenum chamber  
                 Parameter changes associated with plenum chamber replacement  
                 ERS duct gauze  
                 Front wing/nose assembly  
                 Brake master cylinder  
                 Parameter changes associated with brake master cylinder replacement

Car 77:      ES (previously used)  
                 CE (new)  
                 Parameter changes associated with PU elements replacement

#### Red Bull Racing Honda:

Car 33:      RIS panel fairing  
                 LHS rear brake duct drum

Car 11:      RHS fwd floor claws  
                 Front roll damper  
                 Floor to chassis barrel nut and bolt

### **McLaren Mercedes:**

- Car 03:        Strain gauge axle transmitter batteries  
                 LHS and RHS front brake duct drums  
                 LHS deflector finger  
                 LHS shoulder louvre  
                 PXL damper
- Car 04:        Strain gauge axle transmitter batteries  
                 RHS rear view mirror lense  
                 Water header tank hose  
                 Engine pneumatic system QD  
                 LHS and RHS twin finger elements on bargeboard

### **Aston Martin Mercedes:**

- Car 18:        Clutch assembly  
                 Parameter changes associated with clutch replacement  
                 LHS mirror assembly  
                 Headrest assembly
- Car 05:        Clutch assembly  
                 Parameter changes associated with clutch replacement

### **Alpine Renault:**

- Car 14:        Layshaft speed sensor  
                 Parameter changes associated with TPMS sensor  
                 Front wing/nose assembly  
                 LHS ERS cooler assembly  
                 Exhaust tailpipe  
                 LHS rear drum lower flick  
                 LHS rear drum blanking ring
- Car 31:        Parameter changes associated with TPMS sensor  
                 LHS and RHS front drum shrouds  
                 ERS feed dry break coupling

### **Ferrari:**

- Car 16:        LHS and RHS front upright assembly  
                 RHS ignition coils

ICE (previously used)  
TC (previously used)  
MGU-H (previously used)  
MGU-K (previously used)  
EX (previously used)  
Oil level sensor  
Front transponder extension loom  
Front turning vane  
ICE (previously used)  
TC (previously used)  
MGU-H (previously used)  
MGU-K (previously used)  
EX (previously used)  
Parameter changes associated with PU elements replacement

Car 55: LHS and RHS front upright assembly  
LHS and RHS front corner assemblies  
Front wing/nose assembly  
PAS  
Steering column  
Pedal box  
Brake master cylinders  
BBW  
Floor  
Front mono damper  
LHS turning vane  
Front turning vane  
Front chassis loom  
Parameter changes associated with BBW replacement  
Parameter changes associated with brake master cylinders replacement  
Parameter changes associated with PAS replacement  
Parameter changes associated with pedal box replacement

### **AlphaTauri Honda:**

Car 22: Plastic snubber on DRS activation arm  
RHS front brake heat shield  
RHS rear infrared brake temperature sensor and associated loom  
RHS rear HIU

Car 10: Plastic snubber on DRS activation arm  
PAS  
LHS and RHS track rods

Steering column  
Steering wheel  
Brake master cylinder  
LHS and RHS front and rear brake calipers  
Front and rear brake friction material  
Floor  
Barge board assembly  
LHS sidepod entry  
LHS sidepod entry side winglets  
LHS front corner assembly  
LHS front rocker assembly  
Driver seat  
T-tray assembly  
Floor  
Plank assembly  
Front wing/nose assembly  
Headrest  
Seat belts  
Brake PMC assembly  
Gearbox assembly  
ICE (new)  
TC (new)  
MGU-H (new)  
MGU-K (new)  
ES (new, different specification)  
CE (new)  
EX (new)  
ERS header tank

### **Alfa Romeo Racing Ferrari:**

Car 88:      LHS rear brake duct scoop  
                Floor  
                Rear wing mainplane  
                LHS front brake duct drum  
                RHS rear brake caliper temperature sensor  
                CMI loom  
                Popoff position actuator and related sensor  
                Parameter changes associated with popoff position actuator replacement

Car 99:      Gearbox oil pressure sensor  
                Parameter changes associated with gearbox oil pressure sensor replacement

## **Haas Ferrari:**

Car 09:       Rear suspension hydraulic unit  
                  LHS and RHS rear lateral suspension actuators  
                  Parameter changes associated with rear suspension component replacement

Car 47:       Sidepod inlet duct mesh  
                  Headrest  
                  Front tyre seal winglet  
                  Windscreen

## **Williams Mercedes:**

Car 63:       Front brake calipers  
                  Parameter changes associated with front brake calipers replacement  
                  Gearbox oil filter  
                  Front wing flap and hangers

Car 06:       Gearbox oil filter  
                  RHS front pushrod  
                  Parameter changes associated with RHS front pushrod replacement  
                  RHS rear brake duct donut  
                  Chassis pitot tube  
                  ERS centreline cooler  
                  Centreline cooling duct

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 2021 Formula One Sporting Regulations.

**Jo Bauer**

**The FIA Formula One Technical Delegate**