

# 2022 AUSTRIAN GRAND PRIX

## 07 - 10 July 2022

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<b>From</b>	The FIA Formula One Technical Delegate	<b>Document</b>	59
<b>To</b>	The Stewards	<b>Date</b>	10 July 2022
		<b>Time</b>	12:55

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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 63:
- Complete gearbox assembly and associated hydraulic components
  - LHS and RHS rear outboard suspension assemblies
  - LHS and RHS rear inboard suspension assemblies
  - Rear wing assembly
  - Floor assembly
  - RHS front upper rearward leg
  - RHS front lower rearward leg
  - LHS rear floor stay
  - LHS and RHS front inner brake drum ducts
  - Steering wheel
  - Seat belts
  - Parameters associated with the change of components following Q3 crash
- Car 44:
- Survival cell assembly as detailed in SR Article 27.2
  - Complete gearbox assembly and associated hydraulic components
  - Associated electrical harnesses
  - LHS and RHS outboard suspension assemblies
  - LHS and RHS inboard suspension assemblies
  - Rear wing assembly
  - Mechanical power steering assembly
  - Steering column assembly
  - Steering wheel
  - RHS bodywork
  - Pedals and brake master cylinders
  - Front wing/nose assembly

Seat belts  
LHS front lower deflector  
LHS front brake caliper  
Marshalling system ECU and GPS antenna  
Parameters associated with the change of components following Q3 crash

### **Red Bull Racing RBPT:**

Car 01: ICE oil pipe and associated O-rings  
RHS engine floor beam  
Clutch hydraulic hard line

Car 11: ICE (previously used)  
TC (previously used)  
MGU-H (previously used)  
MGU-K (previously used)  
RHS ICE water cooler  
Central water cooler  
Coolant header tank  
Cooler pipes  
Clutch release bearing

### **Ferrari:**

Car 16: Clutch shim

Car 55: TAG ECU  
LHS roll hoop winglet

### **McLaren Mercedes:**

Car 03: Hydraulic B set manifold assembly  
Parameters associated with the change of hydraulic manifold

Car 04: BBW manifold  
O-rings and back-up rings for oil radiator to engine hose  
ERS roll hoop light  
Marelli HSC120 camera  
RHS floor wing, metallic teeth section  
Parameters associated with the change of BBW

### **Alpine Renault:**

- Car 14: ICE water pump assembly  
ICE (new)  
TC (new)  
MGU-H (new)  
MGU-K (new)  
ES (new)  
CE New)  
EX (new)  
Standard ECU  
Electronic switch box  
Fire extinguisher box  
Parameters associated with the change of PU elements
- Car 31: RHS fuel hatch and associated O-rings  
High-pressure fuel pump  
LHS wastegate actuator

### **AlphaTauri RBPT:**

- Car 10: RHS rear wing endplate light  
RHS rear wing lower endplate section  
Complete gearbox assembly and associate hydraulics  
LHS and RHS rear internal suspension assemblies  
LHS and RHS rear external suspension assemblies  
Front wing and nose assembly  
Floor assembly  
Parameters associated with the change of rear end
- Car 22: LHS rear wing endplate light  
LHS rear wing lower endplate section

### **Aston Martin Mercedes:**

- Car 18: LH front upper drum vane
- Car 05: Floor assembly  
LHS front brake duct deflector  
RHS front brake duct deflector  
LHS mirror lense  
Ride height laser window  
Forward floor chin panel

**Williams Mercedes:**

- Car 23: LHS and RHS rear outboard brake donut bonded assemblies  
RHS rear wheel speed sensor
- Car 06: RHS rear brake duct upper winglet

**Alfa Romeo Racing Ferrari:**

- Car 77: LHS rear HIU AV mount  
LHS rear rim lip seal  
LHS rear brake duct top fixation bracket  
ICE (previously used)  
TC (new)  
MGU-H (new)  
MGU-K (previously used)  
EX (previously used)  
Rear wing assembly (different specification)  
Parameters associated with the change of PU elements
- Car 24: Intercooler  
RHS front track rod

**Haas Ferrari:**

- Car 20: MGU-K (previously used)  
LHS rearward floor stay  
RHS rear antenna screening  
Front wing and nose assembly  
LHS rear double-donut assembly  
Parameters associated with the change of MGUK
- Car 47: RHS lateral floor edge section  
LHS rear BF1 antenna  
Seat belts

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 40.3 of the 2022 Formula One Sporting Regulations.

**Jo Bauer**

**The FIA Formula One Technical Delegate**