

2021 ITALIAN GRAND PRIX

9 - 12 September 2021

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

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 lens
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