

2023 QATAR GRAND PRIX

06 - 08 October 2023

From	The FIA Formula One Technical Delegate	Document	64
To	The Stewards	Date	08 October 2023
		Time	17:55

Technical Delegate's Report

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

Red Bull Racing RBPT:

- Car 01:
- LHS and RHS rear brake duct brackets
 - LHS rear brake drum inner shroud
 - LHS rear inner brake drum jacket
- Car 11:
- LHS and RHS rear brake drum brackets
 - Survival cell to include components listed in SR Article 27.2
 - Chassis harness
 - Oil radiators and associated pipework
 - Water radiators and associated pipework
 - Front inboard suspension assemblies
 - Front outboard suspension assemblies
 - PAS assembly
 - Gearbox RNC (previously used)
 - Gearbox control hydraulics
 - Rear inboard suspension assemblies
 - Rear outboard suspension assemblies
 - ICE (new)
 - EX set (new)
 - Floor assembly
 - Front wing and nosebox assembly
 - Rear beam wing assembly
 - RHS front brake temperature IR sensor
 - Parameter changes associated with the listed components replacement

Ferrari:

- Car 16: Exhaust lambda probes
Parameter changes associated with the lambda probes replacement
ES (previously used)
Parameter changes associated with the ES replacement
- Car 55: Exhaust lambda probes
Parameter changes associated with the lambda probes replacement
ES (previously used)
Parameter changes associated with the ES replacement

Mercedes:

- Car 63: RHS rear inner brake drum duct
Gearbox barrel pot
- Car 44: LHS and RHS front brake calipers
LHS and RHS front inner brake duct bulkheads
RHS front outer brake duct shroud
ICE sump protection bumper

Alpine Renault:

- Car 31: LHS and RHS rear brake drum lower flicks
Gearbox RNC (previously used)
Rear inboard suspension assemblies
Rear outboard suspension assemblies
Wastegate assemblies
Floor assembly
Rear wing assembly
LHS and RHS sidepods
Engine cover
- Car 10: F1MS antenna

McLaren Mercedes:

- Car 81: ICE sump protection bumper
RHS front brake duct outboard deflector
LHS front brake duct scoop assembly

Car 04: RHS rear brake drum
 LHS front brake duct inboard and outboard deflectors
 LHS front brake caliper
 LHS front brake caliper internal shroud
 LHS front brake duct HIU bracket
 RHS rear brake duct cascade mount

Alfa Romeo Racing Ferrari:

Car 77: Exhaust lambda probes
 Parameter changes associated with the lambda probes replacement

Car 24: RHS rear brake duct base plate
 LHS front brake duct assembly
 Exhaust lambda probes
 Parameter changes associated with the lambda probes replacement

Aston Martin Mercedes:

Car 18: Driver s steering wheel
 LHS rear brake duct internal bracket
 LHS rear brake duct section

Car 14: LHS front brake duct vane assembly

Haas Ferrari:

Car 20: Forward floor bracket
 LHS front brake caliper cooling duct
 Exhaust lambda probes
 Parameter changes associated with the lambda probes replacement

Car 27: LHS front brake duct separator bracket
 RHS front HIU assembly
 RHS front CTA
 Front wing and nosebox assembly
 LHS front trackrod
 Exhaust lambda probes
 Parameter changes associated with the lambda probes replacement

AlphaTauri RBPT:

Car 40: Gearbox oil filter
LHS rear HIU assembly
LHS rear tyre shield assembly
LHS rear intake duct assembly
RHS water radiator
LHS rear brake duct brackets
LHS and RHS front drum deflectors
LHS and RHS rear drum deflectors
Floor assembly

Car 22: Gearbox oil filter
RHS front brake deflector assembly
LHS and RHS rear HIU assemblies
High pressure hydraulic QD fitting
LHS and RHS rear HIU assemblies
RHS front tyre shield assembly

Williams Mercedes:

Car 23: RHS rear brake duct corner wiring assembly
Forward floor beam structure
LHS front corner wiring assembly
LHS rear corner wiring assembly
RHS rear inboard brake disc shield
LHS rear brake duct scoop
LHS rear brake duct winglet array
RHS rear caliper tomb cover
RHS rear HIU assembly
LHS front brake caliper tomb cover
LHS rear inboard donut
LHS rear caliper tomb cover
RHS rear inboard donut shield

Car 02: LHS rear brake caliper tomb inlet
Plank support bracket
LHS and RHS rear brake duct nozzle
RHS front rim duct
RHS rear brake duct nozzle
RHS front datum frame
RHS rear brake duct scoop
RHS rear brake caliper inlet duct
RHS rear inboard donut scoop
Front wing and nose assembly

PU water fill QF fitting

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 2023 Formula One Sporting Regulations.

Jo Bauer

The FIA Formula One Technical Delegate