



## **Pre-Event Automobile Display – Qatar Grand Prix**

### **ORACLE RED BULL RACING**

**No updates submitted for this event.**



## Scuderia Ferrari

**No updates submitted for this event.**

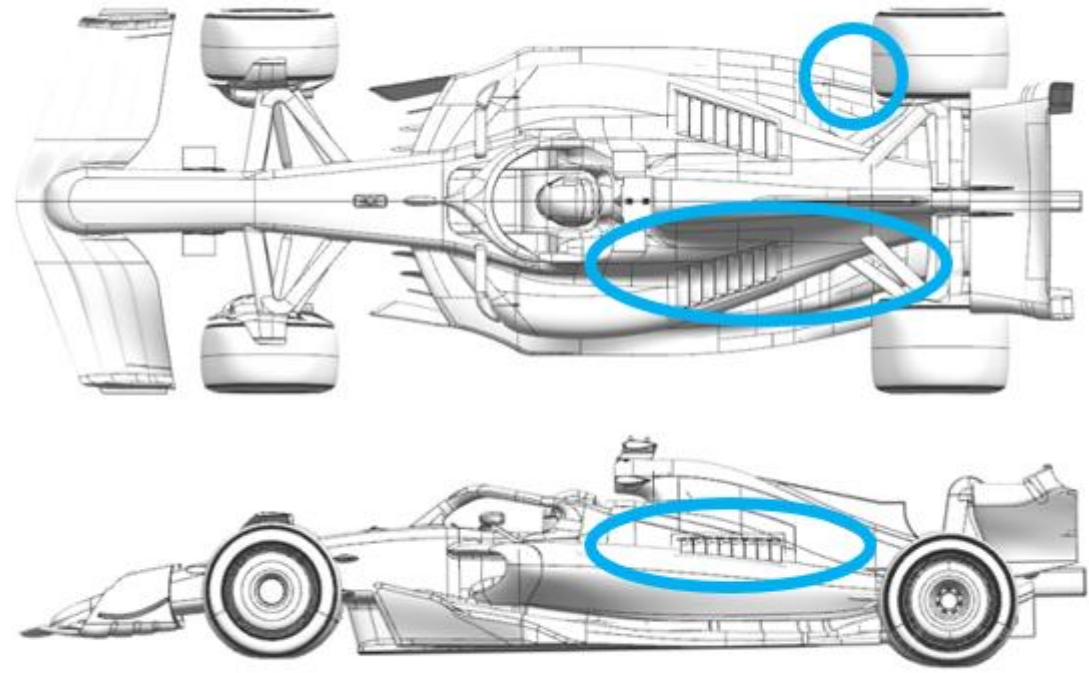
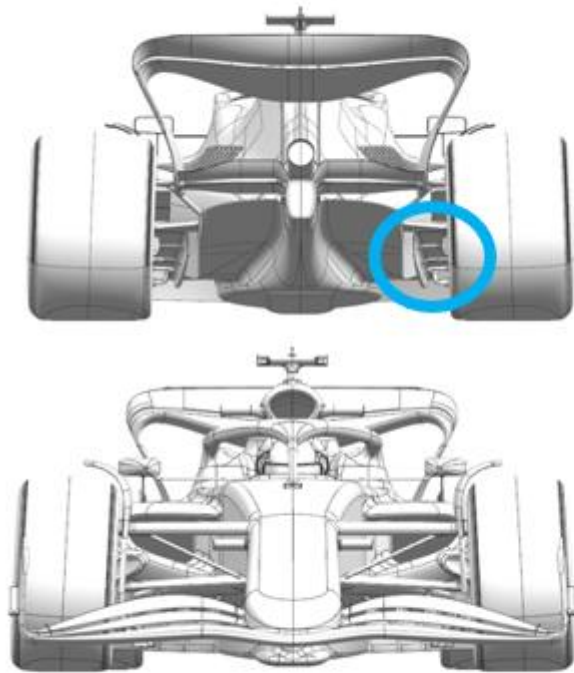


## **Mercedes-AMG Petronas F1 Team**

**No updates submitted for this event.**

## BWT Alpine F1 Team

	<b>Updated component</b>	<b>Primary reason for update</b>	<b>Geometric differences compared to previous version</b>	<b>Brief description on how the update works</b>
1	Floor Body	Performance - Local Load	Taller diffuser sidewall cut-out in the tyre flank area	The update brings a small gain in downforce particularly at low rear ride height settings. This will run on both cars.
2	Rear Corner	Performance - Drag reduction	Revised orientation of the rear drum lower flick geometry	Gives a drag reduction and some downforce increase at low rear ride height settings. This will be tested in FP1 on one car.
3	Cooling Louvres	Circuit specific - Cooling Range	Bigger bodywork exit and deeper mid louvres - geared towards bodywork testing for Mexico later in the season.	The update will be used in FP1 only to provide more cooling flow to manage PU temperatures. In addition this is a test for the Mexico bodywork cooling package.



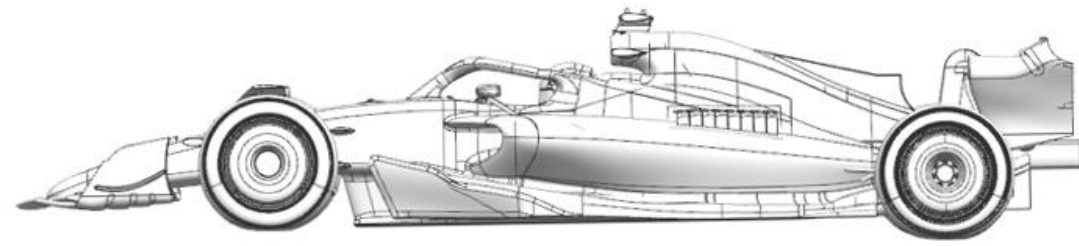
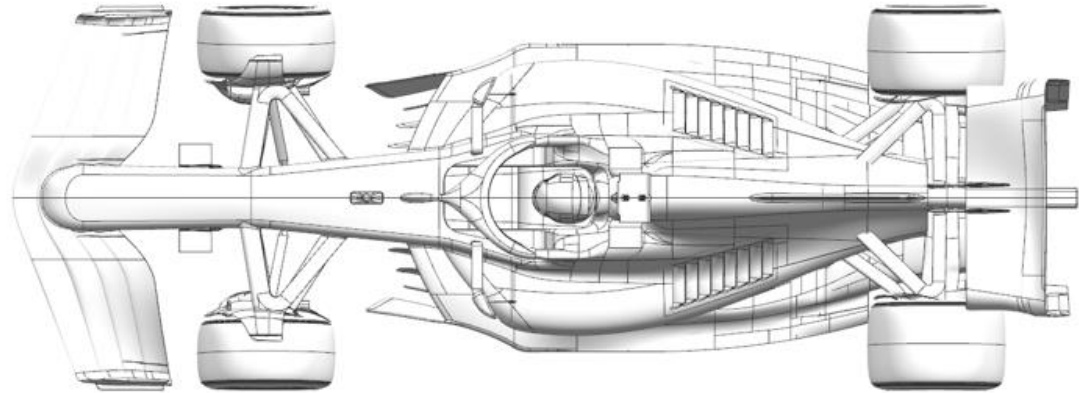
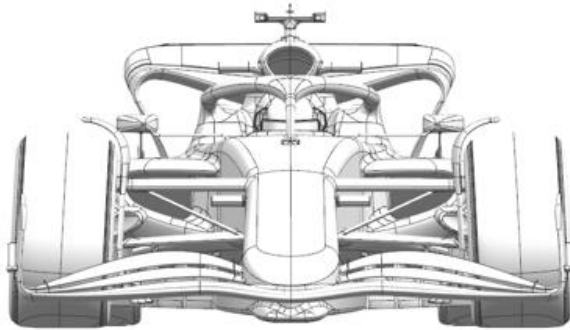
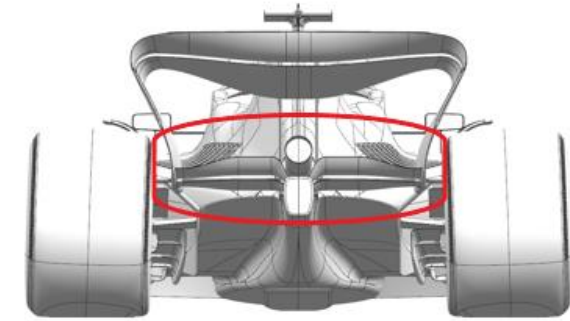


## McLaren F1 Team

No updates submitted for this event.

## Alfa Romeo F1 Team Kick

	<b>Updated component</b>	<b>Primary reason for update</b>	<b>Geometric differences compared to previous version</b>	<b>Brief description on how the update works</b>
1	Beam Wing	Performance - Flow Conditioning	Redesigned planes of the beam wing and changed shape of lower part of the rear wing endplate.	The upgrade to the beam wing and end plates is part of the upgrade package introduced over the last couple of events and is designed to work in conjunction with it, enhancing the aero flow throughout the bodywork of the car.







## **Aston Martin Aramco Cognizant Formula One Team**

**No updates submitted for this event.**

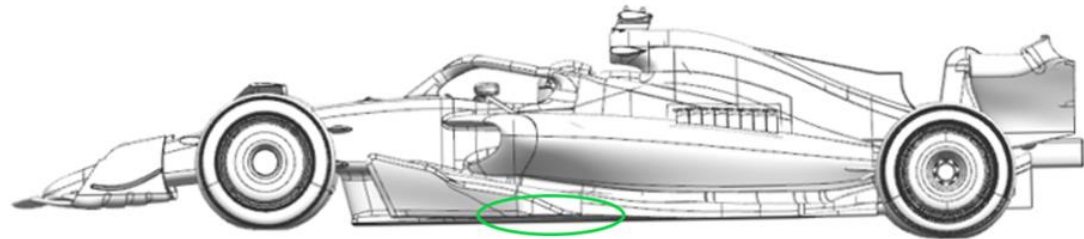
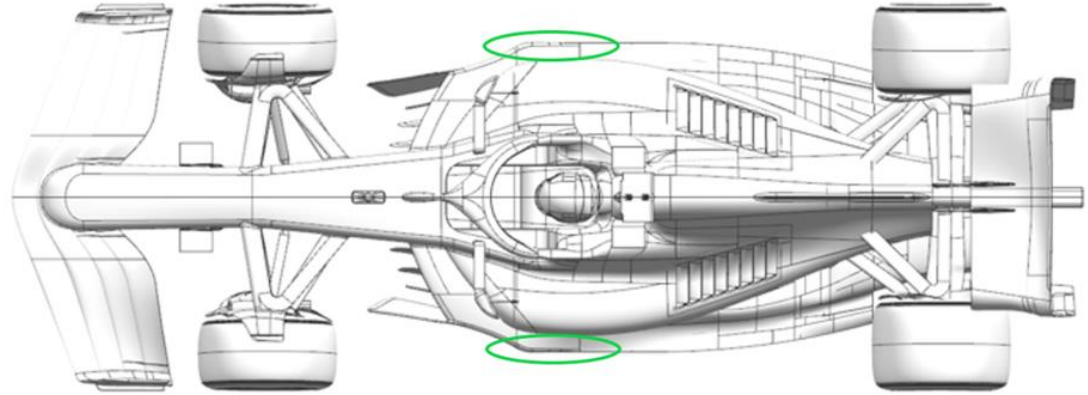
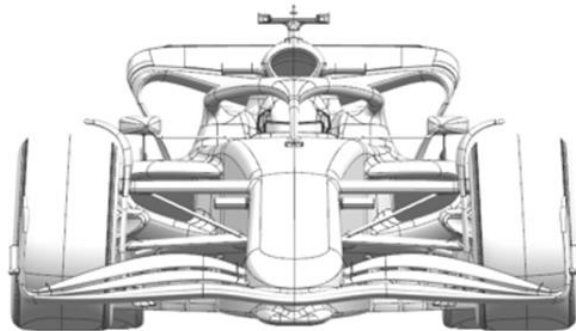
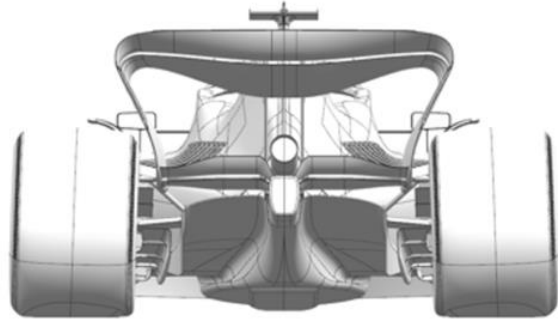


## **MoneyGram Haas F1 Team**

**No updates submitted for this event.**

## SCUDERIA ALPHATAURI

	Updated component	Primary reason for update	Geometric differences compared to previous version	Brief description on how the update works
1	Floor Edge	Performance - Local Load	Compared to the baseline geometry, the forward part of the floor edge has been modified.	The modifications reduce the pressure at the edge of the floor and draws more mass flow between the floor fences, thereby increasing local load on that part of the floor.



## Williams

No updates submitted for this event.