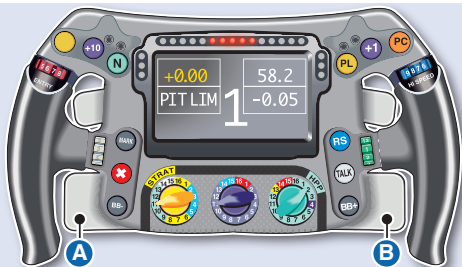


# F1 rule changes for 2020

■ **Clutch control:** Changes put emphasis on driver's skill rather than software assistance. Driver now controls 90% of engine's torque – using clutch paddle, or paddles (*A* and *B*) – at start line

■ **Shark fins are back:** Marketing-led rule change to show drivers' race numbers



■ **Energy recovery:** Drivers can now use three **Motor Generator Unit – Kinetic** (MGU-K) over course of season rather than two. Nine drivers received penalties for exceeding their MGU-K limit in 2019

■ **Rear-view mirrors:** Size and position limited. Loopholes gave slight aerodynamic advantage

■ **Brake air ducts:** Used to cool brakes. Must be designed by teams, not bought in

■ **Fuel system:** Amount of fuel allowed outside **fuel survival cell** limited to just 250ml – down from two litres – to prevent teams from attempting to illegally boost performance



■ **Curfew:** Time mechanics are forbidden from working on cars extended from eight hours to nine on practice and qualifying days



■ **Chequered flag:** Return to using traditional chequered flag to end race

■ **Front wing:** First 50mm of endplate to be made purely of carbon fibre. Metal elements must be 30mm back from leading edge of endplate to limit risk of causing puncture