

# INTERESTING FACT ABOUT FORMULA 1

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## The **Helmet**



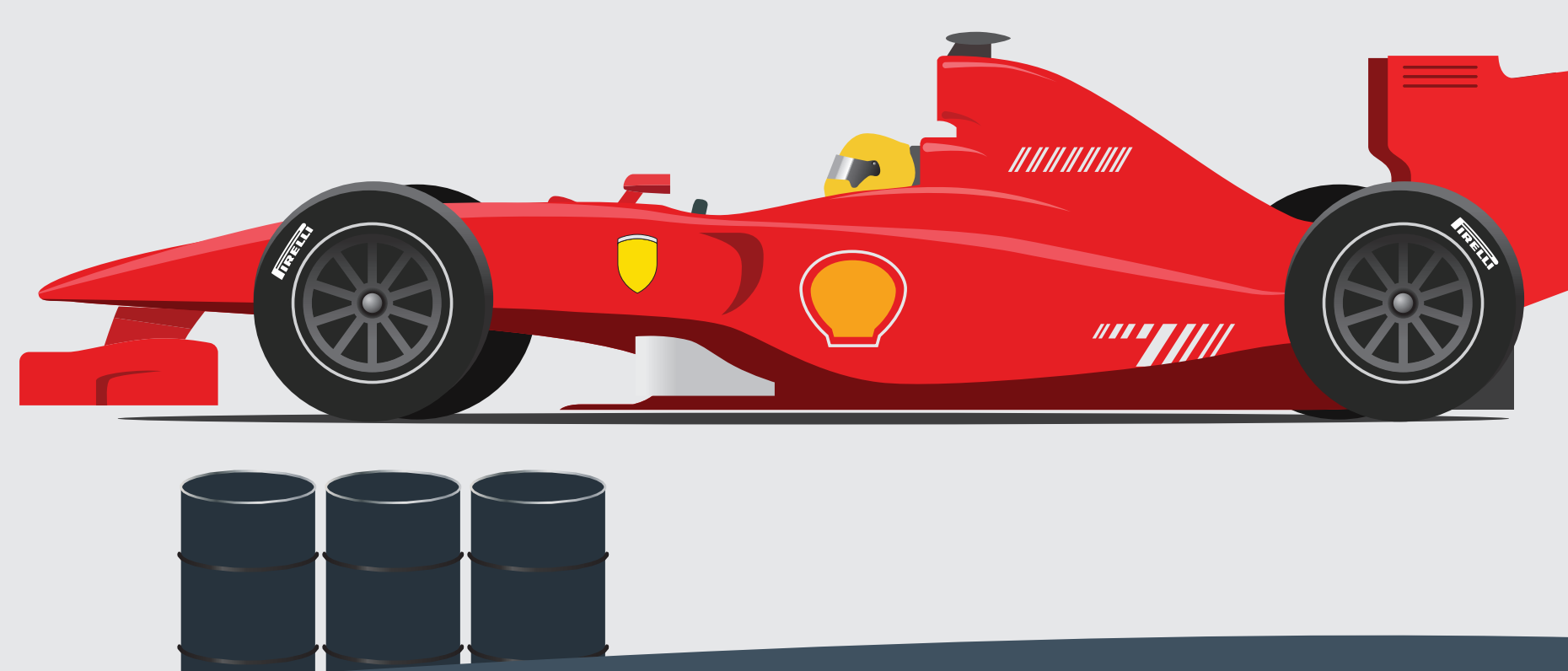
- » can cost from \$8,600.00 to \$35,000.00 CAD
- » is made of glass fiber, Kevlar and carbon.
- » Can resist temperatures of 800 C° outside and inside reaches 70 C°

Head strong, Hans seeberg, 2011  
15 cool facts about F1, Team Lotus, 2011

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## The **Car**

- » cost around \$12'000,000.00
- » fuel per year cost \$592,000.00
- » uses 200,000 liters per season



Average Cost of Formula 1 Car, Sameer Arshad, 2014

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## The **Gear box**



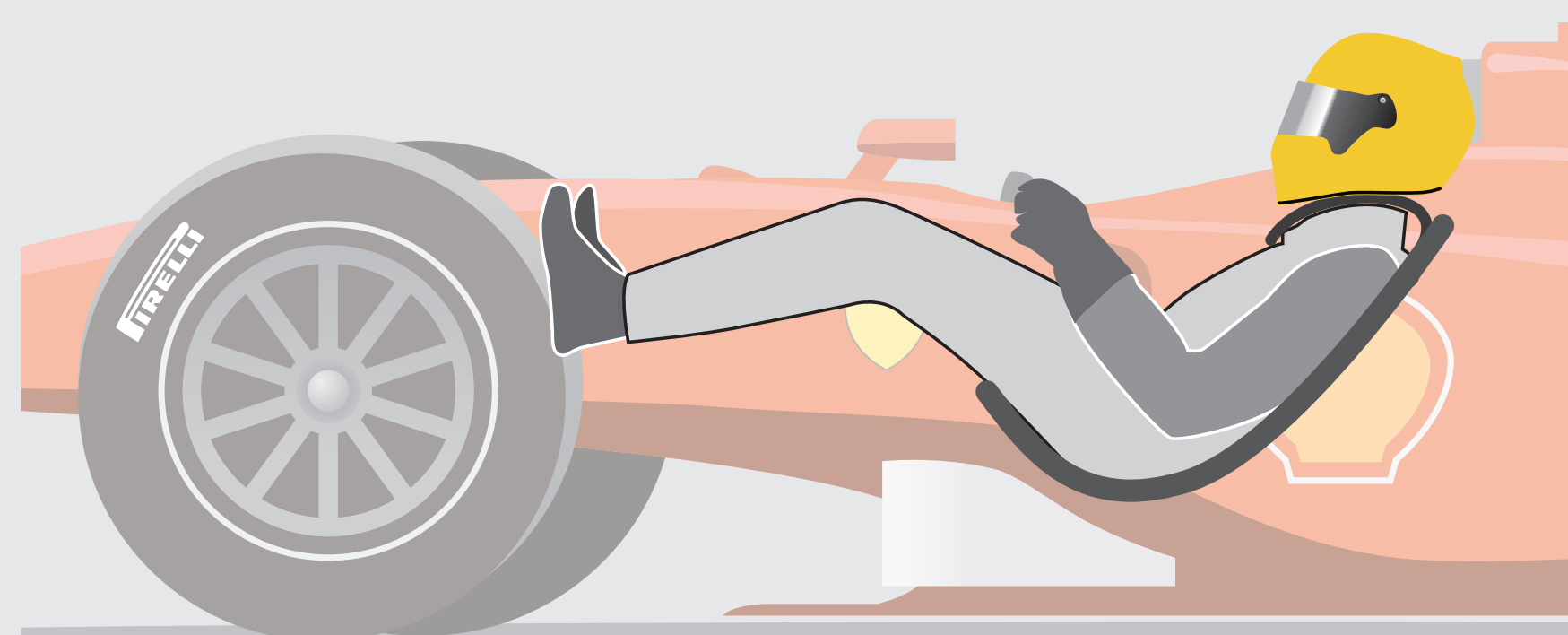
- » uses 1,500 different components
- » can change gear 50 times faster than you can blink
- » and the driver will shift ratios between 2,800 and 4,000 times per race

8 Incredible F1 Facts That Will Make Your Head Spin, Carlton Boyce, 2013

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## The **Pilot**

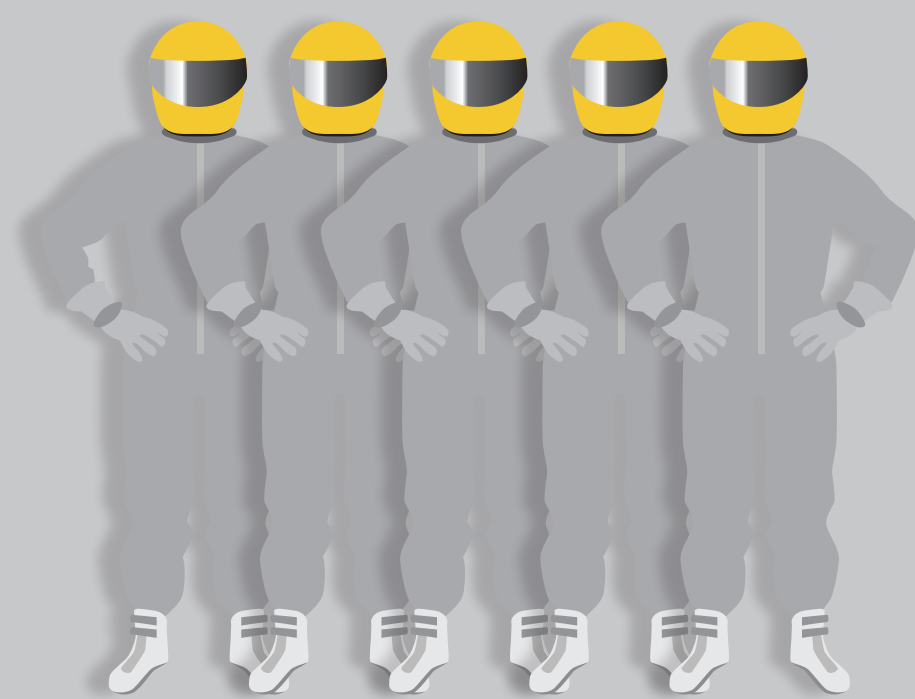
- » position is Almost lying down
- » cockpit is just 10 mm from the actual racetrack
- » can lose between 3 to 8 kg in a single race



15 cool facts about F1, Team Lotus, 2011  
Cutaway F1 Race Car, Sauber F1 Team, 2013

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## The **G Forces**



- » can reach up to 5 Gs in braking and turns
- » each are equal to your body weight
- » on a Space Shuttle, reach a maximum of 3 gs

15 cool facts about F1, Team Lotus, 2011.  
When Formula one drivers break, they are subjected to incredible forces: up to six times their weight, Brembo, 2016.

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## The **Steering Wheel**

- » is not an actual round wheel
- » cost around \$86,000 CAD
- » controls the gearbox, clutch, and as many as 200 other functions



The Mind-Blowing Complexity of F1 Steering Wheels, Red Bull Content Pool, 2016.