

Gordon Murray CBE



-Abhishek Raut

Early Life and Career:

- Born in 1946 in Durban, South Africa.
- His father was a mechanic at Peugeot, built racecars part-time
- While still young, on Weekends, both used to go watch the races of the cars he built for people.
- His passion led him to study mechanical engineering at Natal Technical College in Durban.
 - Where in his freshman year, he sketched a three passenger rear engine race car, built it in his room and family's garden.
 - He raced using the car he built and won the same races



The IGM Ford Special (T1)
- Gordon Murrays first car

Early Life and Career:

- Moved to England in the 80s to follow his passion and joined the Brabham Formula 1 team where he designed cars that won 22GPs and one of them was the **BT46B** aka. “**the fan car**”.
- Moved to McLaren in 1987 where he designed the McLaren **MP4/4** that won 15 out of 16 races in the 1988 Formula One season and helped **Ayrton Senna** win his first World Championship.
- Designed the **Light Car Company Rocket**.
 - At launch, **fastest accelerating road car in the world**.



Ayrton senna in the MP4/4



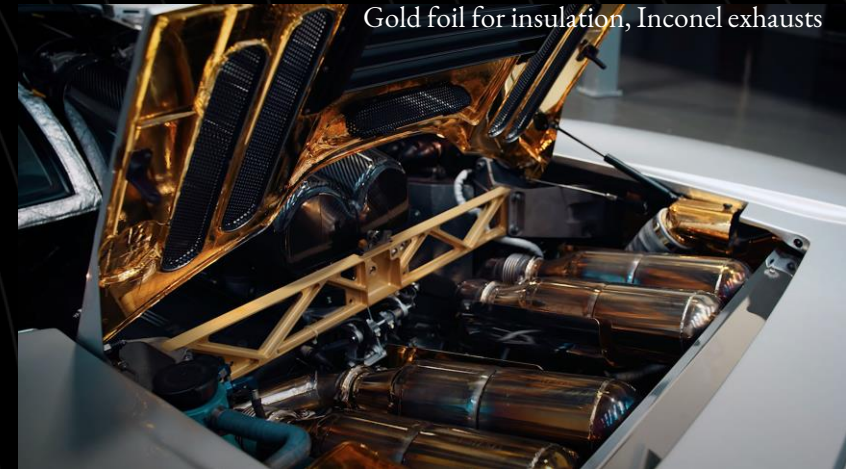
BT46B “Fan Car”



Light Car Company Rocket

The Years at McLaren Automotive

- By 1991, TAG McLaren was incorporated
 - Gordon Murray appointed lead designer for first ever McLaren Production road car.
- Design Philosophy:
 - Lightweight, high-performance, efficient and comfortable
- “Build the greatest road car ever”
- Known to utilize innovative new technologies, and high performance materials
 - Carbon fiber, titanium, gold, Inconel, 0.32cd, ground-effect, engine as a stressed member – all industry firsts
- No assists whatsoever
 - No ABS, Traction Control, Power steering, etc
- No target for top speed or acceleration



The McLaren F1

- Launched in 1992
 - BMW 6.1L V12, 618HP, Naturally aspirated!
 - Car weighing under 2509lbs
- Competitors like Bugatti EB110, Lamborghini Diablo, Porsche 959, Ferrari F40, Honda NSX, and others
- Top speed – 210mph, 243mph
- Held record of fastest production car in the world for 11years.
- Still the fastest naturally aspirated production car in the world.
- Won the LeMans championship in 1995
 - 4 out of the top 5 were all McLaren F1's



Recent years

- Founded Gordon Murray Designs in 2007
- Focused on providing sustainable transportation solutions in the form of:
 - T25 and T27 sustainable, city electric cars
- Flat-pack truck for Global Vehicle Trust, a British Charity
 - Low-cost goods transport in Africa.
 - 40ft container can hold 2 normal trucks or 6 flatpack trucks
- Supercars T33, T50, T50s Nikki Lauda
- Awarded CBE (Commander of the British Army) in 2019 for “Services to Motoring”



T50s Nikki Lauda



Thank You