

Cost & Manufacturing FSF 2024

Real case



Real Case

Your business development department has successfully secured an agreement with a new customer who has placed an order that requires a 25% decrease in manufacturing times in order to be fulfilled.

We request you to prepare an overview of the impact this will have on the manufacturing process of your car's Engine & Drivetrain System.

Specifically, compare the as-is situation with the to-be status for at least the following areas using CBOM figures:

- Production (process, planning, cycle time)
- Quality
- Project Timing
- Costs (Investment and/or price per part impact)
- Car Performance

Please prepare a 10-minute presentation in any format you prefer, digital or analog. Your presentation should demonstrate both your thought process (including trade-offs, sacrifices, challenges, etc.) and the final results.