

The Team Behind the Grid



Regulations

- Who are the Federation International De L'Automobile (FIA)
- Technical Working Group (TWG)
- How the Regulations are Compiled
- The Grey Areas
- Risk “v” Potential Advantages from the Grey Areas

Why Regulations are Necessary



Specification

- Visualising the Finished Project
- Implanting the Vision on the Engineering Team
- Defining the Specification and its Goals
- Updating the Specification and Goals
- If done correctly there will be no surprises at the end of the project

The Specification / Vision





Team Structure

- Mechanical Design Team
- Research & Development Group
- Aerodynamic Design Team
- Aerodynamic Research Group
- Electronics Group
- Production Department
- Satisfying Group and Individual Ego's.

The Importance of a Team Structure

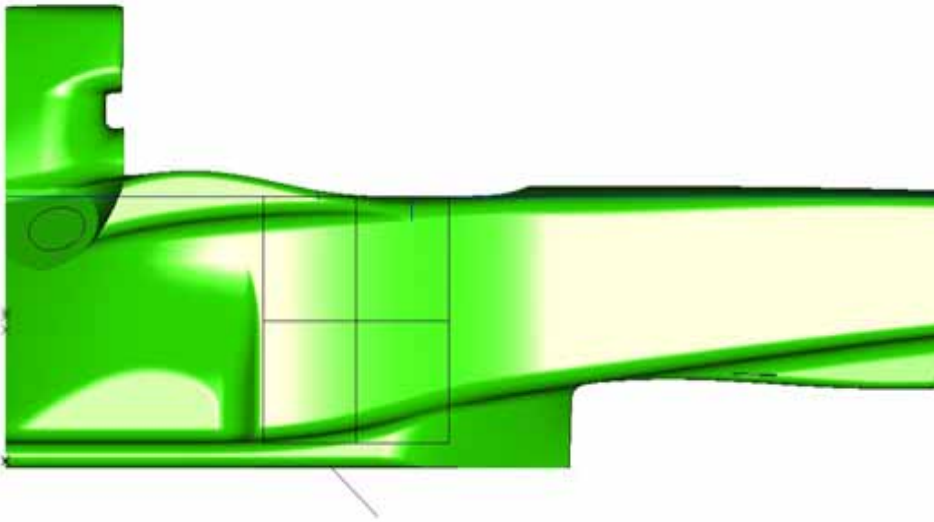




Project Milestones

- Critical Stages of Project from Specification Definition
- Critical Stages of Project from Manufacturing Requirements
- Critical Stages of Project from Manufacturing Time Constraints
- Critical Stages of Project from Budget

Project Stages



Closed Loop Design

- Open Forum Design and Research Groups
- Design re-iteration until Specification is Achieved
- Aerodynamic re-iteration until Specification is Achieved
- Circuit simulation until Specification is Achieved
- Component Testing until Specification is Achieved

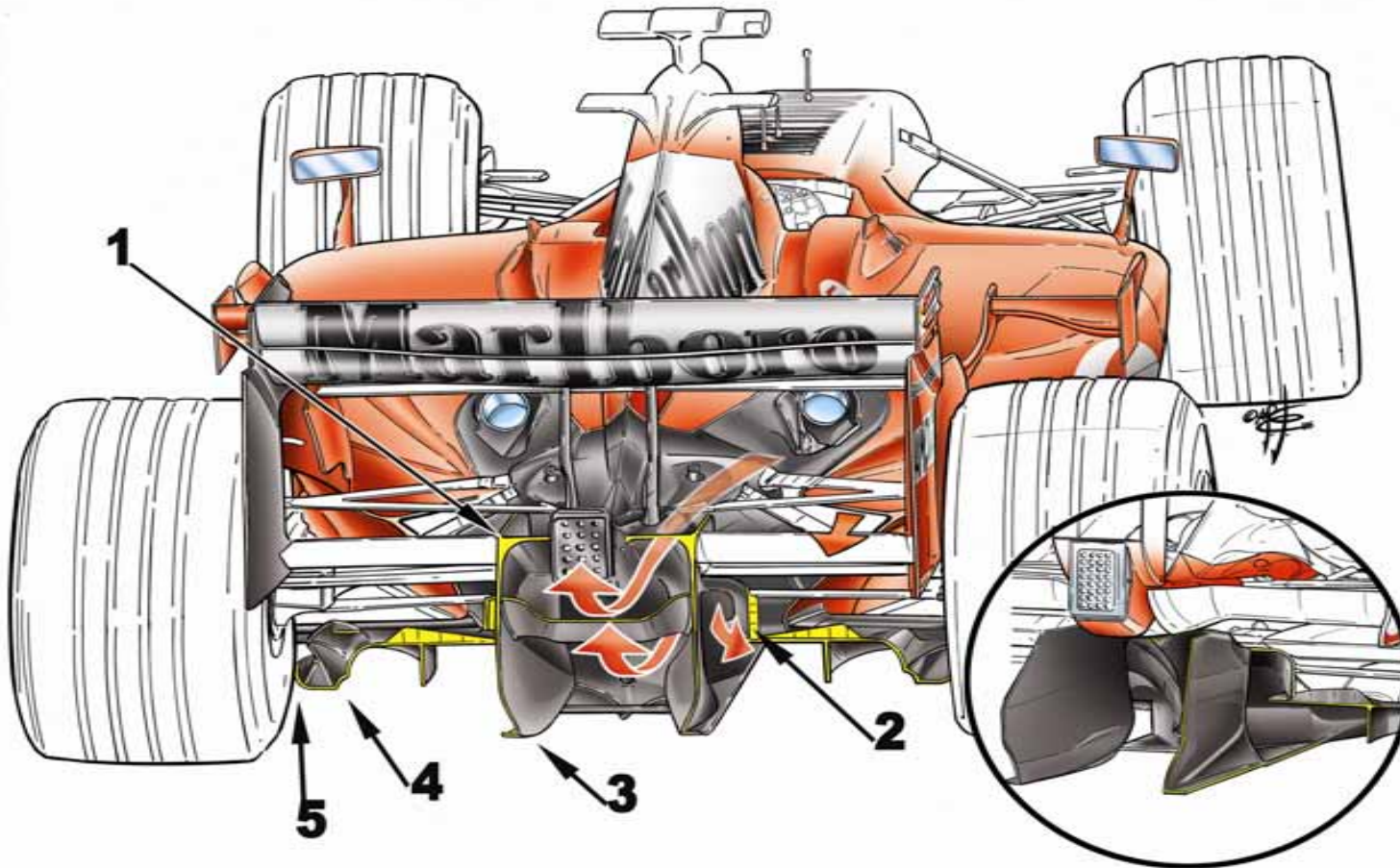
As Time Moves On



Design Specification



Aerodynamic Specification





Success Measurement

- Stopwatch
- Employee Satisfaction
- Company Financial Success

If Successful the Front is Possible

