

Electrical Module Packaging

Passenger CAR: Global OEM

BACKGROUND AND CHALLENGE

Electrical and electronic components in the modern car continue to become more complex with the integration of new technologies. Many of the modules are engineered during the vehicle development which complicates the Electrical packaging

SCOPE OF WORK

Electrical packaging of all electrical aggregates such as sensors, modules, ECU's, Speakers, Displays, etc from the start of the project till final production.

SOLUTION

- Packaging of Electrical Modules
- Cross-Car line and individual package solutions
- Project Management
- Bracket and Support Design
- DFA/DFM/DFS
- Fastening solutions
- Static and Dynamic Analysis
- Structural CAE Analysis.
- Detailed Engineering drawing

IMPACT

- Complete harness project was handled by Tata Elxsi and project was completed within the timeline set by the customer.
- Electrical packaging was done as per the project milestone requirement.

