



## **12 MONTH INTERNSHIP**

**SEPTEMBER 2014 – AUGUST 2015**

# **Chassis Engineering**

**Department:** Product Development, Chassis  
**Based:** Gaydon  
**Reporting to:** Manager – Chassis Dynamic Systems  
**Salary:** £14,400.00 per annum  
**Job Purpose:** To assist with the Design, Release, and document compilation for Wheels, Tyres, TPMS (Tyre Pressure Monitoring Systems), Wheel Fixings and Ornamentation.

### **Key Responsibilities and Tasks:**

- Work with the current Component Engineer and help facilitate the design, Release and sign off of Wheels, Tyres, Wheel/Tyre assemblies, TPMS, Wheel Fixings and Ornamentation. Other components may be added to this list if work load permits.
- Control the design activities for CAD Designers.
- Generate and update minutes for relevant PMST meetings.
- Conduct benchmarking studies to determine best practices/designs and future trends.
- Work with Suppliers to design and develop components & systems to meet all specified requirements such as weight, cost, durability, and performance targets.
- Help manage Suppliers to ensure parts are delivered on time to the required quality standard.
- Work closely with Manufacturing and Launch to enable swift and accurate fitment of components to vehicles.
- Work with Vehicle Dynamics to meet attribute targets and achieve freeze dates.
- Assist with the Design Verification and Sign Off reporting.
- Support vehicle tests with components where required.
- Participate in DFMEAs, Quality history reviews, Robustness studies etc.

### **Qualifications and Experience:**

- Engineering Degree in appropriate discipline.
- Good general knowledge of wheels and tyres.
- Competent in Microsoft Office/Project applications.
- Can work efficiently with minimum supervision.
- Prepared to travel abroad if required.
- Proven problem solving abilities.
- Proficient in Engineering Drawing Standards.
- Strong time management, accuracy, diligence, ability to balance and prioritise multiple tasks to meet customer needs.
- Interest in Chassis Dynamics.
- Some experience of NX CAD system would be useful but not essential.

### **To apply:**

Submit a CV and covering letter to [careers@astonmartin.com](mailto:careers@astonmartin.com)

### **Closing Date:**

1<sup>st</sup> June 2014