



ASTON MARTIN

External Job Advert

## CAD Design Engineer- Interior Trim & NVH Components

CONTRACT POSITION

**Department:** Product Development, Body Engineering, Body Interiors

**Based:** Gaydon, Warwickshire

**Reporting to:** Principal Engineer, Interior Cabin

**Job Purpose:**

Realisation of body interior design & package of interior NVH components of future vehicle platforms in order to produce finished detailed CAD designs and drawings and release preparation.

### Key Responsibilities and Tasks:

- CAD design and modelling of all interior trim NVH components.
- Preparation of detailed drawings to AML drafting standards.
- Management of created CAD into Teamcenter ensuring all model attributes are completed.
- Preparation and responsibility of engineering release packs (Engineering Release Notes).
- Ensure release notes are planned and submitted to support business lead times for vehicle builds.
- Preparation and ownership of commodity timing plans for NVH components.
- Work under the direction of the Lead Project Engineer/PMST leader on a day to day basis.
- Take information from NVH Attribute team members to produce finished designs.
- Use Digibuck to review and present design concepts.
- Take CAD designs from concept to finished model and produce finished drawings for engineering release.
- Prepare suitable data for transmission to suppliers for quotation and tooling e.g. DXF files.
- Support and/or investigate resolution of build issues during pre-production builds and launch phase.
- Design components within NX format.
- Use Digibuck to review and present design concepts.
- Support NVH PAT team for design and release schedule.
- Design and release workload to operate to the relative programme/PMST requirements.
- Preparation of paperwork for engineering release is required.
- This role also requires some level of project engineering responsibility.

### Qualifications and Experience:

- Educated to degree level or equivalent within an engineering related discipline.
- Extensive CAD experience in NX with automotive experience in component design and packaging.
- A working knowledge of Teamcenter would be advantageous although training can be provided.
- Knowledge of NVH components and attributes. Experience of interior trim plastic injection moulding components, Vac formed parts, machined metal products and metal bracketry.
- Knowledge of leather trimming and mechanism systems would also be advantageous.
- Experience of automotive release processes and supplier involvement/communication. Training will be given for AML specific release system and process.
- Proficient in the use of Microsoft Outlook, Excel and PowerPoint.
- A working knowledge of component manufacturing, tooling requirements & lead times
- Knowledge of quality systems such as 8D and DFMEA would be an advantage as would flexibility and a willingness to take on challenges
- Ability to use Ideas CAD running on workstation equipment in the course of generating designs.

### To apply:

Applicants should submit a CV and covering letter to [careers@astonmartin.com](mailto:careers@astonmartin.com). Please state your hourly rate and/or salary expectations.

**Aston Martin makes appointments based on merit and supports equal opportunities. Please note that we do not sponsor visa applications. If you are successful in being offered a position with Aston Martin and have the right to work in the UK you will be responsible for maintaining your right to work in the UK during your employment.**