



Job Title	Co-op Senior Mechanical Designer
Reporting to	Team Lead, Mechanical Engineering
Position Summary	<ul style="list-style-type: none"> • An Mechanical Designer responsible for component and assembly design in vehicle engineering product development. • SolidWorks CAD system user. • Proactive, enthusiastic personality that must take full ownership of delivery to requirements and all issues related to that delivery.
Essential Duties and Responsibilities	<ul style="list-style-type: none"> • CAD design responsibility to include the following: <ul style="list-style-type: none"> ○ Model mounting brackets for auxiliary systems and cable/hose routing ○ Presentation of designs at cross-functional design reviews or engineering meetings ○ Assembly design to meet component, vehicle, manufacturing and service requirements ○ Hose and cable routing design assistance ○ Component and assembly drawing responsibility to AZD best practices and standards ○ Manage CAD data through DBWorks PDM system ○ Adhere to AZD engineering change order process • Hands on approach required to support other engineers' key tasks in times of peak workload.
Education, Specialized Training and Experience Required	<p>Senior year candidate for Mechanical Engineering degree. The candidate should be able to demonstrate the following experience.</p> <p><u>Essential</u></p> <ul style="list-style-type: none"> • Candidate must be fluent and experienced in SolidWorks 2008 with preference for experience in the routing module. • Proven history of design delivery based on past projects • Knowledge of and experience in the derivation and application of GD&T, significant and critical characteristics to component drawings. • Must be a self starter that can work independently.