



Pacbrake is looking for a [Product Development Engineer](#) to join our engineering team and help us develop new products for automotive applications. Current projects span from engine brakes (diesel engine valvetrain), camshafts, solenoids, and vehicle suspension to emergency shutoff valves, electrical controllers, and phone apps.

Pacbrake is a medium-sized, family-owned design and manufacturing company conveniently located in the Gloucester Industrial Park off the 264<sup>th</sup> exit in the township of Langley area, BC just blocks away from Highway 1.

### **WE ARE PROUD TO OFFER —**

- ▶ A tight-knit work environment
- ▶ A flat hierarchy where experience or title do not determine your worth
- ▶ Direct involvement with engineers and management
- ▶ The ability to take a project from A to Z
- ▶ Mentorship and learning opportunities

### **WE PROVIDE —**

- ▶ Competitive salaries
- ▶ Performance bonuses
- ▶ Overtime pay
- ▶ Extended health/dental benefits
- ▶ RRSP matching
- ▶ Tuition reimbursement
- ▶ Flexible schedules
- ▶ Ability to work from home
- ▶ EGBC fees reimbursement
- ▶ Regular company functions
- ▶ Onsite gym

### **WHO YOU ARE —**

#### **Skills/attributes you possess:**

- ▶ Experienced in designing process using Solid Works or similar parametric packages
- ▶ Capable to use advanced mathematics to solve/simulate engineering problems
- ▶ Familiar with thermodynamic calculations, including estimating engine work
- ▶ Able to conduct SolidWorks stress simulations (Von Mises) and Goodman fatigue analysis
- ▶ Familiar with producing dimensioning drawings (GD&T)
- ▶ Experienced with use of Design Failure Mode and Effects Analysis/managing project risks
- ▶ Organized – able to keep track of project deadlines, project statuses, costs, customer specification, as well as other project documentation



What would make you stand out from other candidates:

- ▶ Passion for all things automotive
- ▶ Wrench monkey
- ▶ Expert problem solvers
- ▶ Attention to detail
- ▶ Ability to follow instructions
- ▶ Great interpersonal skills
- ▶ Great communication skills
- ▶ Desire to prove yourself and grow

*\*\*While we are open to candidates with varying levels of experience – the ability to learn, independence/maturity, and a good cultural fit will have major bearing on candidate selection\*\**

If your credentials match the above requirements, and you have the dedication and experience to fill this role, we would love to hear from you!

Please submit your resume and cover letter via email to [hr@pacbrake.com](mailto:hr@pacbrake.com) (as a Word document or a PDF file). Please make sure to include the job title and website (i.e. Product Development Engineer – Pacbrake.com) in the subject line of your email, along with salary expectations.

We thank all applicants, however, only those candidates selected for interviews will be contacted.