

Engine Calibration Engineer - Job ID - 11552

Allen Park, MI

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Roush supplies comprehensive, integrated development services and provides customers with support that fuses technology and engineering. From design through prototyping, testing and manufacturing, we take our customers' visions from the sketch pad to production. We're focused, efficient, and we deliver. With over 3000 employees in more than 40 facilities across the United States, and interests around the world, Roush solves customers' problems and provides significant support to the automotive, performance products, military, entertainment, alternative fuels and consumer products industries. We are focused on performance, driven by technology, and committed to our customers' success. If you're only happy when your customers are happy, we want you on our team.

Are you an engine calibration engineer looking for a dynamic company to join? Due to our steady growth, we have an immediate opening for an engine calibration engineer who will be responsible for delivering complete powertrain calibrations to support new and current products. The ideal candidate must show a capacity to assimilate and understand the implications of new developments, quickly responding appropriately to situations as they evolve. This position is located in Allen Park, MI facility. For a short video, please follow the link below.

<https://www.youtube.com/watch?v=WrpI7NSE1XM>

Responsibilities

- The engine calibration engineer will carry out dynamometer and vehicle-based calibration development
- Analyze results to calibrate the powertrain control system
- Support the validation and release of the calibrations into production
- Perform hot climate, cold climate and high altitude development testing to meet customer objectives
- Calibrate all aspects of powertrain function, including core engine control features, electronic throttle control and reliability monitor, OBDII, tailpipe and evaporative emissions and auxiliary subsystems
- Provide positive technical contributions in a project team environment
- Prepare and deliver technical reports and presentations to your customers

Qualifications

- Bachelor's degree in Engineering
- 1 to 4 years of hands-on engine calibration experience within an automotive specific organization
- Internal combustion engine calibration experience is a must
- An energetic and enthusiastic attitude toward vehicle testing and development
- Willing to travel up to 15% within the U.S. for development testing at temperature and altitude extremes
- Ability to perform effectively in a team environment
- Good interpersonal, verbal, and written communication skills

Preferred Skills

- Experience with ETAS INCA and/or ATI Vision calibration tools
- Matlab or C program documentation experience
- Formula or BAJA SAE team experience

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Our benefits include: medical, dental, vision, life insurance, LTD, 401K, tuition reimbursement, paid vacation, and paid holidays.

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