

Z1 Engine Calibration Engineer

The Engine Calibration Engineer position is vital to the continued success and growth of Z1. This position is responsible for developing engine calibrations intended to be distributed to customers across the globe. Success in this position will be the ability to efficiently create OE like calibrations, capable of adapting to a wide range of atmospheric conditions, that deliver the most horsepower and torque physical limits and determined safety factors will allow. Use of third party and in-house calibration tools, diagnostic tools, data acquisition, and multiple in-house chassis dynamometers, will be regular. Automotive enthusiasm is a must and this position is expected to constantly set the bar for quality product.

A large degree of creativity and personal motivation is expected. This position requires exercising independent judgment to perform the responsibilities described herein. This job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required by the employee.

Responsibilities:

- Work with existing calibration team to establish an engine calibration portfolio for select Nissan and Infiniti applications
- Implement standards for revision control, file management, documentation, and technical support
- Use in-house dynamometers and multiple in-house and third-party calibration tools to calibrate select engines and transmissions
- Work with existing calibration team to develop a scalable model for custom tuning, both in-house and remote.

Required Qualifications:

- Passion for automotive tuning and performance
- 5+ years' experience with engine calibration in an aftermarket environment
- Experience with OE engine control units
- Experience with chassis dynamometers
- Experience in fast paced production environments
- Experience with engine instrumentation and data acquisition
- Understanding of OBD-II diagnostics
- Basic knowledge of engine wiring, ECU architecture, and CAN communication
- Ability to appropriately respond to questions from various levels within the organization
- Self-starter, motivated, team focused, and results driven
- Strong time management skills
- Proficient in the use of MS Office



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- Ability to travel Globally (less than 5% of role)

Preferred Qualifications:

- Bachelor's degree in related field of study
- Software code writing experience
- Transmission calibration experience