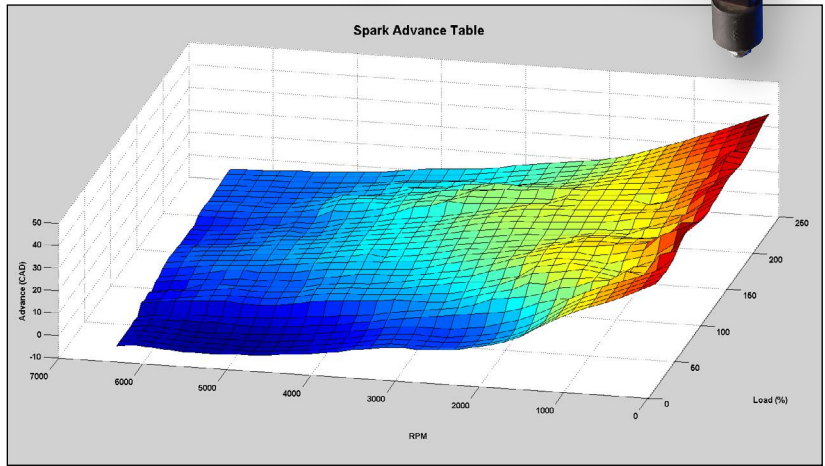


# Benchmarking Engine Calibrations

If you need to know what's going on in an engine control unit, Southwest Research Institute's (SwRI®) Ann Arbor Technical Center offers significant experience benchmarking steady-state and transient engine controller operations. Using SwRI's unique RPECS® tool, we provide high-density, reliable, cost-effective data to quickly turnaround calibration activities.



RPECS not only captures every sensor and every actuator on every cycle, but also monitors on board diagnostic (OBD) tools and scans CAN traffic, collecting tremendous amounts of data in a single file. Our process acquires the benchmark data sets, and can map them to relevant calibration tables.



RPECS, as a crank-angle benchmarking tool, produces steady state control maps and captures transient response.

Our benchmarking capabilities also cover thermodynamic engine development, engine mapping, OBD calibration, and exhaust aftertreatment specification and emissions calibration.

SwRI provides these services locally in SE Michigan, in our test cells or yours.

This local support and proficiency in benchmarking engine calibrations allows us to go beyond quantifying the data. We provide the expertise to help you interpret your results.

