

Revolutionary Engineering (RE) Engine Test Systems are built with a combination of engineering fundamentals, proven design concepts, and modern technology. Our systems are extremely versatile, which enables our customers to conduct a broad range of diesel or gas engine testing at their facilities. RE Engine Test Systems are designed for durability, maximum performance, and safety.

Tests

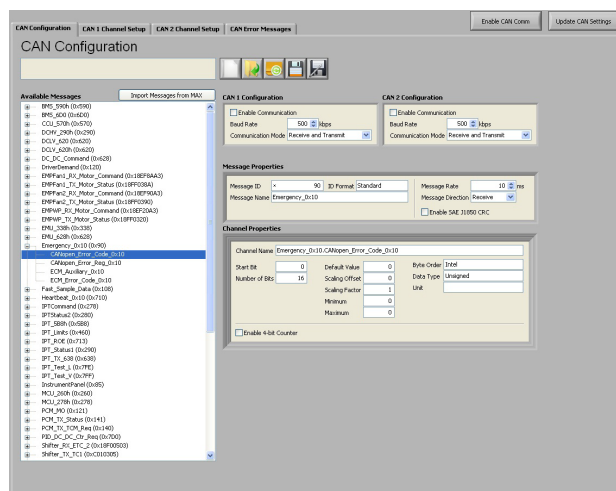
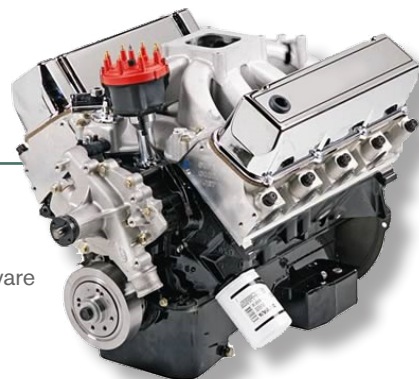
Customers use our engine test systems to perform steady-state, high torque and speed, and highly transient engine testing. Our engine test systems accomplish a multitude of other client testing needs as well, including:

- Emissions
- Federal Test Procedure (FTP) cycle
- Non-road transient cycle (NRTC)
- Engine mapping

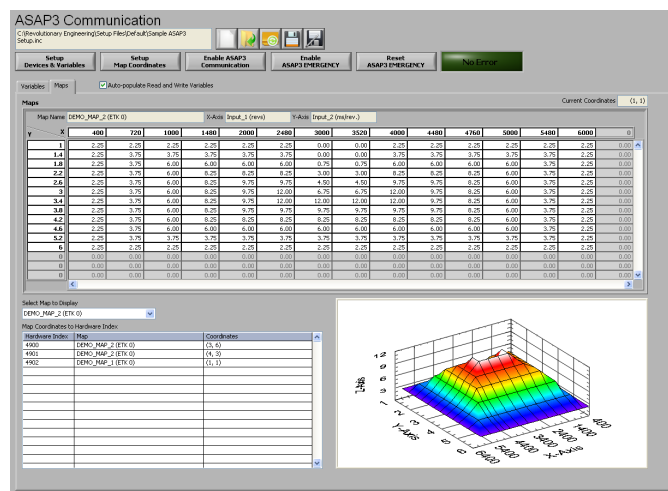
Revolutionary Engineering Pro System

Our engine test systems are combined with our powerful data acquisition and control software package, Revolutionary Engineering Pro System (REPS). The following REPS features can be applied during engine and engine component testing to produce outstanding results:

- Configurable control modes
- Automatic engine cranking
- Safe operation mode (engine idle)
- Automated parameter sweeps for optimizing calibration tables
- Bumpless control and feed-forward PID configuration
- CAN communication
- ASAP3 interface
 - Importing a2l files
 - Reading and writing to multiple ECUs
 - Map manipulation
- Drivers for third-party smoke meters and soot sensors
- Integrated system for collecting data from multiple devices and interfaces



CAN Configuration



ASAP3 Communication