



## [ Raising the Bar for Quality ]

NAPA® Echlin® designs and manufactures engine management products with only one goal in mind: make parts equal to or better than the failed OE component that is being replaced. With NAPA® Echlin® you'll find parts for a wide array of applications including,

- Import and domestic cars and light & medium duty trucks
- Industrial and agricultural applications
- Marine and power equipment engines

When it comes to engine management, no one provides you with more.

## [ Manufacturing Capabilities ]

NAPA® Echlin® has over 90 years of experience manufacturing parts for the original equipment and aftermarket channels. We have manufacturing & distribution locations in North America, Europe, and Asia. At NAPA® Echlin®, we understand that you expect and demand quality when it comes to the parts you sell. Our plants are TS16949 and ISO9001 certified which assures you that every part is manufactured with the stringent quality standards required to be a top-tier OE parts supplier. Additionally, several of our facilities have received the Environmental Management System ISO14001:2004 certification for green manufacturing.

At NAPA® Echlin®, using advanced engineering, stringent production testing, and continuous quality improvement, we manufacture engine management products with a quality that is second-to-none in the industry.

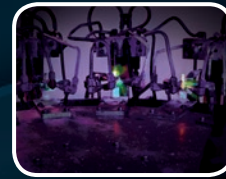
## Key Engine Management Manufacturing Facilities



Independence, KS



Reynosa, Mexico - Wire



Orlando, FL



Greenville, SC



Reynosa, Mexico - Engine Management



Bialystok, Poland



Mishawaka, IN



NAPA® Echlin® Global Manufacturing

## Our Commitment to Being the Best

NAPA® Echlin® has a large, dedicated engineering team utilizing the following processes and methodology.

- 3D design modeling of product componentry, tooling, and complete manufacturing process
- CAD Electronic Circuit design
- Stress analysis modeling
- Magnetic FEA modeling
- Finite elemental analysis
- Fast Prototyping – SLA Stereolithography Analysis
- Digital Performance analysis
- Prototyping and extensive testing
- Custom circuit development
- 100% validation process
- 100% consistent product

## Technical Capabilities At the Plants

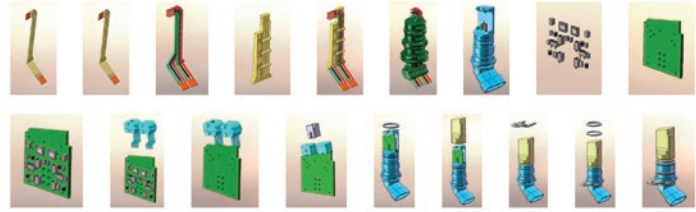
We have an extensive testing regimen and product validation that all of our products go through including:

- Vehicle Dynamometer
- Engine Dynamometer
- 5 Gas Analysis
- Vehicle Cold Chamber
- Vehicle Test Fleet
- Thermal Cycling
- Digital Output Analysis
- Durability
- Vibration
- Salt Spray / Humidity
- Spray Pattern Analysis
- Air / Fluid Leakage
- Flow Test Stands (Multiple Fuels)
- Hot Injector Flow

## [ Engineering and Technical Capabilities ]

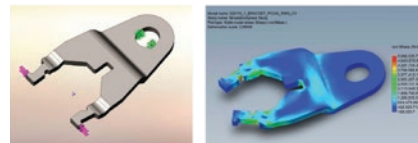
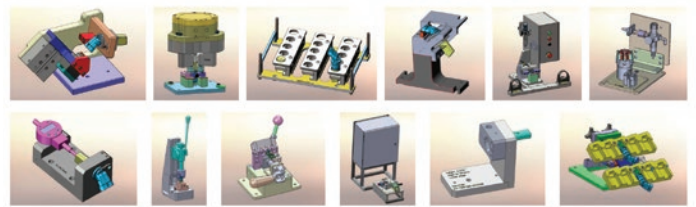
### Engineering Modeling

We design and build components from the ground up.



### Componentry

Every component is scrutinized – no matter how small.



### Tool Design

We design and engineer manufacturing tooling.

## [ When We Don't Make It ]

Being a full-line supplier with close to 40,000 parts in the line, we can't make everything. However, we have the resources and experience to effectively source product. Through our global sourcing, engineering collaboration, and quality control resources, we ensure that low-cost still means high-quality. Our Asian sourcing office includes teams in Hong Kong and Taiwan with sourcing and engineering expertise. The NAPA® Echlin® Asian sourcing headquarters is a 21,000 square foot facility that contains a procurement office along with an engineering laboratory which is staffed with a team of engineers and technicians to ensure superior quality control. Therefore, NAPA® Echlin® is able to provide products of the highest quality even when we are not able to manufacture them.

