# WHAT'S IN YOUR BOX?"

# **HERE IS WHAT'S IN OURS**

## **Research and Development**

NAPA<sup>®</sup> Echlin<sup>®</sup> has 15 fully equipped design and development centers in North America and around the world. We remain committed to developing the best-performing Fuel Injection components available.

# **Precision Manufacturing**

NAPA® Echlin® Gas Fuel Injection components are 100% new and are meticulously designed, manufactured and tested at our IATF 16949-certified facility in Greenville, South Carolina, allowing us to ensure consistent reliability and performance.

# **Testing and Performance Analysis**

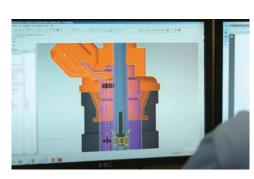
We perform initial life-cycle validation and 100% end-of-line testing. We also subject our Fuel Injectors to more than 35 different tests and inspections including spray pattern, fuel flow rate, endurance, thermal cycling, vibration and more.

# **On-Vehicle Validation**

In addition to a full regimen of testing and analysis, NAPA<sup>®</sup> Echlin<sup>®</sup> Fuel Injection components undergo on-vehicle validation to ensure they perform correctly on the vehicle in all conditions and across the entire RPM range.

# **Sales Support**

The industry's best and most recognized training programs, robust marketing, world-class category management, and a salesforce that's second to none, is why we're more than just a part in the box











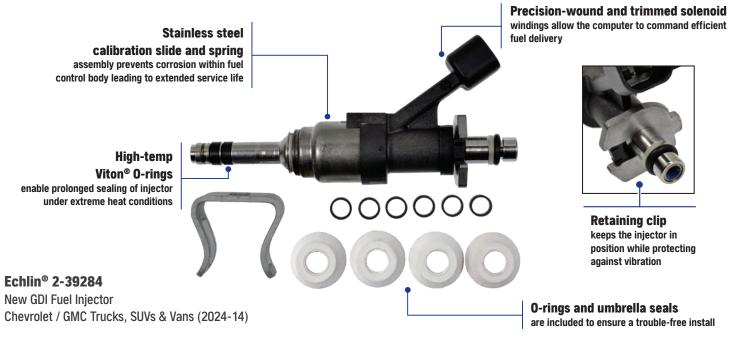
# **EVERYTHING NEEDED FOR A COMPLETE GDI REPAIR**

As the aftermarket's fuel system leader, Echlin<sup>®</sup> offers the most complete new, not reman, GDI program:

- GDI Fuel Injectors
- GDI High-Pressure Fuel Pumps
- GDI High-Pressure Fuel Pump Kits
- GDI Fuel Feed Lines
- GDI O-Rings
- Gaskets
- Seal Kits
- GDI Service Kits
- Camshaft Followers and more!

# **OPTIMAL PERFORMANCE BEGINS WITH 100% NEW, QUALITY COMPONENTS**

Precision engineering means a commitment to flow and spray pattern matching, and strict requirements for flow rates to deliver OE-matching fuel economy, performance, and emissions.











Retaining clip keeps the iniector in position while protecting against vibration

**O-rings and umbrella seals** are included to ensure a trouble-free install



ECHLIN® NAPA **GASOLINE FUEL INJECTION PROGRAM** 

# LOOKS RIGHT. FITS RIGHT. PERFORMS RIGHT.

NAPAEchlin.com

# **YOUR FUEL INJECTOR CHOICES**

## Low-Cost, Asian-Sourced Injector:

Limited quality control capabilities create inconsistent performance

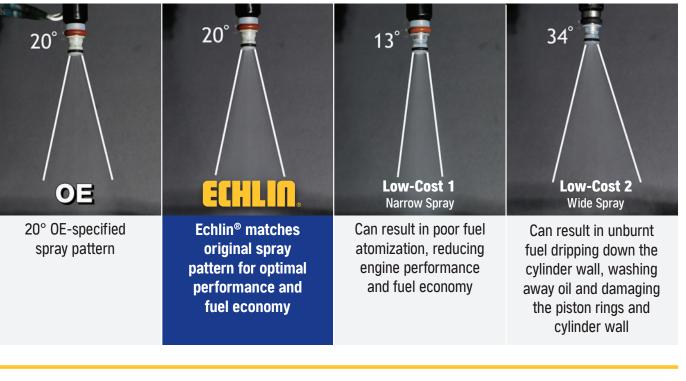
Wide spray patterns and under-fueling can damage internal engine components



# FUEL INJECTOR PERFORMANCE TESTING

The performance of each fuel injector is critical for fuel mileage, vehicle performance and even engine life.

# **Fuel Injector Spray Pattern Test**



## **Remanufactured Injector:**

Fuel injectors are permanently sealed components and cannot be disassembled nor remanufactured

Old mechanical and electronic components which can fail at any time



**Fuel Injector Cutaway** 

# New high-quality replacement from Echlin<sup>®</sup>:

Always 100% new, never remanufactured

Designed and tested to match OE fuel flow and spray pattern for optimum performance

Complete line of related parts and accessories to correctly perform a fuel injection service





tested and calibrated for consistency to optimize performance

# THE INDUSTRY'S MOST COMPLETE FUEL INJECTION PROGRAM

With more than 1,900 part numbers, NAPA<sup>®</sup> Echlin<sup>®</sup> offers the most complete, all-new program in the industry. New applications are added throughout the year, and we already offer coverage through 2025 for import and domestic vehicles. From Injectors to Fuel Pressure Sensors, and Regulators to complete GDI High-Pressure Fuel Pump Kits, we have the parts you need to get your customers back on the road.



Multi-Port Fuel Injectors (MFI) 740+ MFI Injectors



Gasoline Direct Injectors (GDI) 190+ GDI Injectors



Throttle Body Injectors (TBI) 35+ TBI Injectors



Service Kits 200+ O-Ring and Seal Kits for GDI and MFI systems



GDI Fuel Pumps & Kits 130+ SKUs available for import and domestic applications



**Fuel Injector Multi-Packs** 20+ Multi-Packs available for import and domestic vehicles



**Fuel Pressure Regulators** 500+ SKUs through 2024



to over-fueling which can cause unburnt fuel to be sent through the exhaust, damaging emissions components

lead to catastrophic engine damage



**Fuel Pressure Dampers** Import and domestic coverage through 2023



**Fuel Pressure Sensors** 125+ SKUs with coverage through 2024