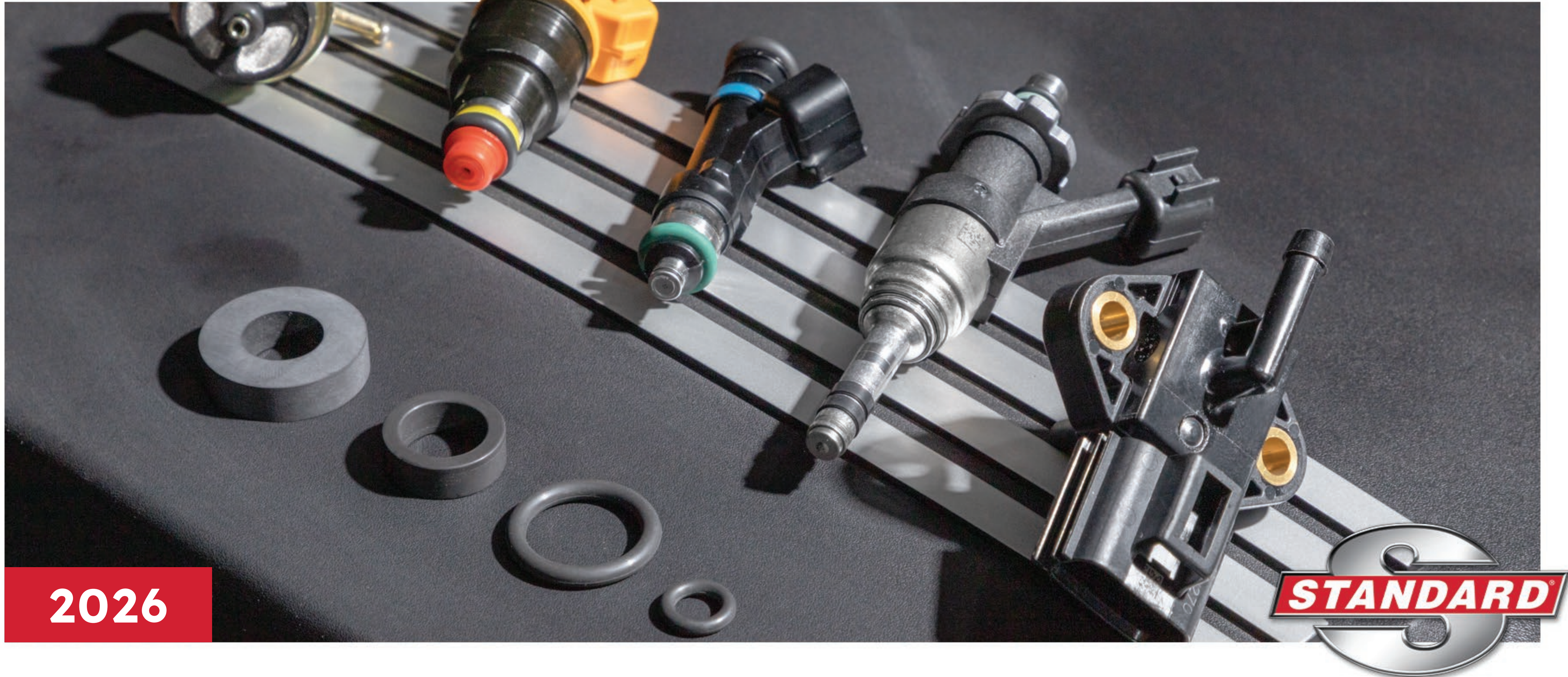


GAS FUEL INJECTION PROGRAM



2026



WHAT'S IN YOUR BOX?™

HERE'S WHAT'S IN OURS.

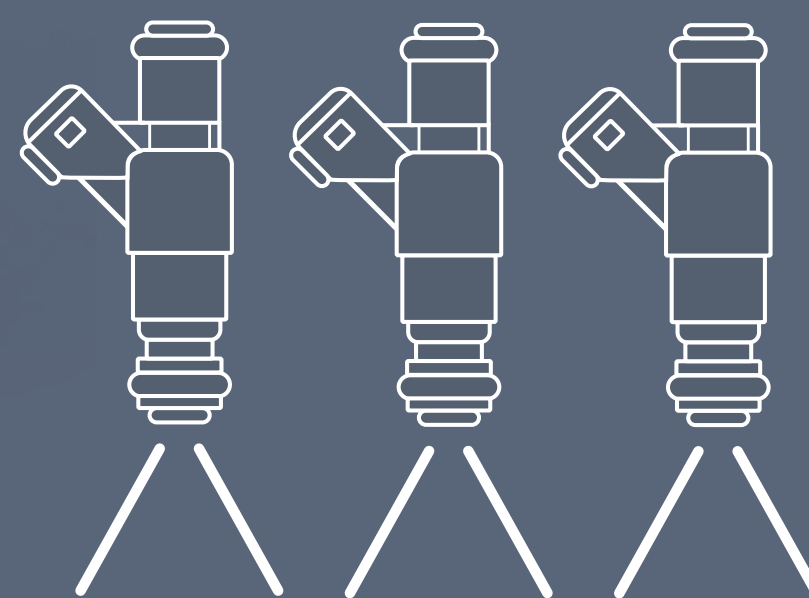


**100%
NEW**

Standard® Gas Fuel Injectors are always new, with no remanufactured components for a longer service life

**1,900+
COMPONENTS**

The Standard® Gasoline Fuel Injection Program features over 1,900 components



Standard® Fuel Injectors are precision-engineered and extensively tested to optimize engine performance

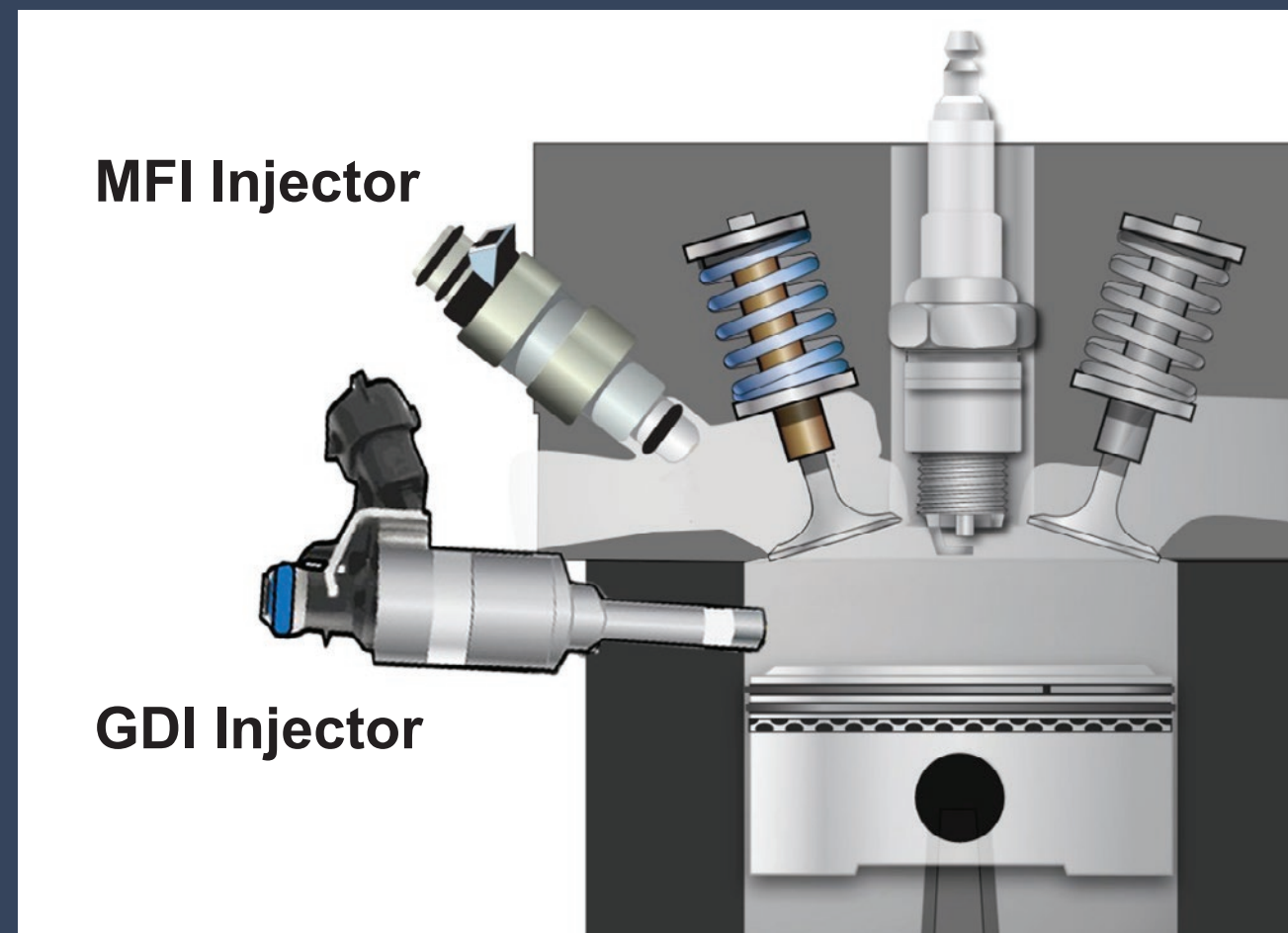


Gas Fuel Injection Program

StandardBrand.com

Growing Market

To improve fuel economy and performance, many newer vehicles utilize both multi-port and direct injection systems. This helps to optimize engine performance in all driving conditions. The MFI injectors also help to keep the intake valves clean and free from carbon build-up.



Engines with Both GDI and MFI Systems



Ford 5.0L
(2023-18)



MFI
FJ1514



GDI
FJ1394



Audi 3.0L
(2019-16)



MFI
FJ1604



GDI
FJ1393



Hyundai / Genesis 2.5L
(2023-20)



MFI
FJ1608



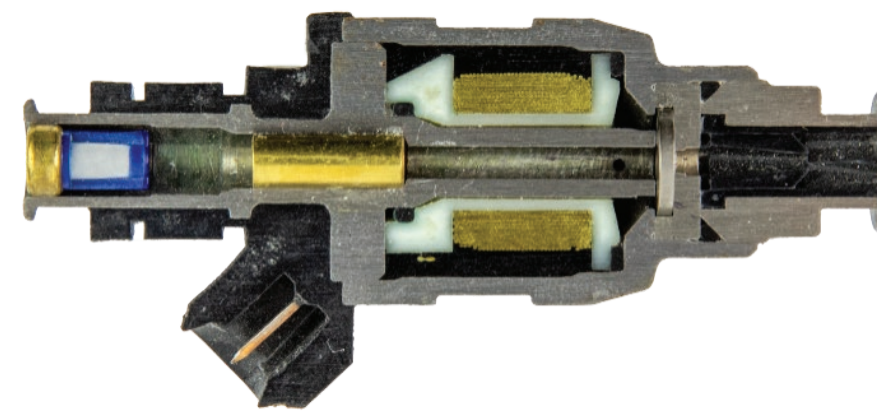
GDI
FJ1517

Why Fuel Injectors Fail

Fuel injectors utilize an electric pulse to move an actuator which opens a small valve at the end of the injector. Opening at precisely the right moment, the injector sprays a specific amount of fuel in a specified pattern to optimize combustion.

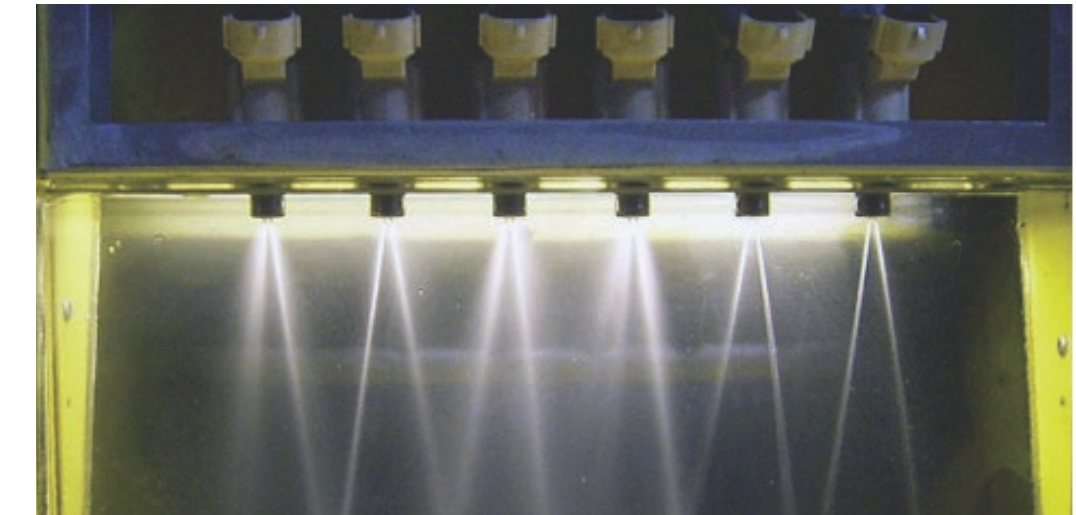
Fuel injectors operate in a harsh environment and are subjected to heat and vibration, which can cause them to fail prematurely.

4 Common Reasons Fuel Injectors Fail



Electrical Problems

Repeated heat cycles and vibration cause the internal electrical components to fail



Contaminated Fuel

Dirt, debris or low-quality fuel can clog or partially clog the injector, affecting performance



Leaking Injectors

Failed seals can cause too much fuel to enter the cylinder, damaging engine and emission components



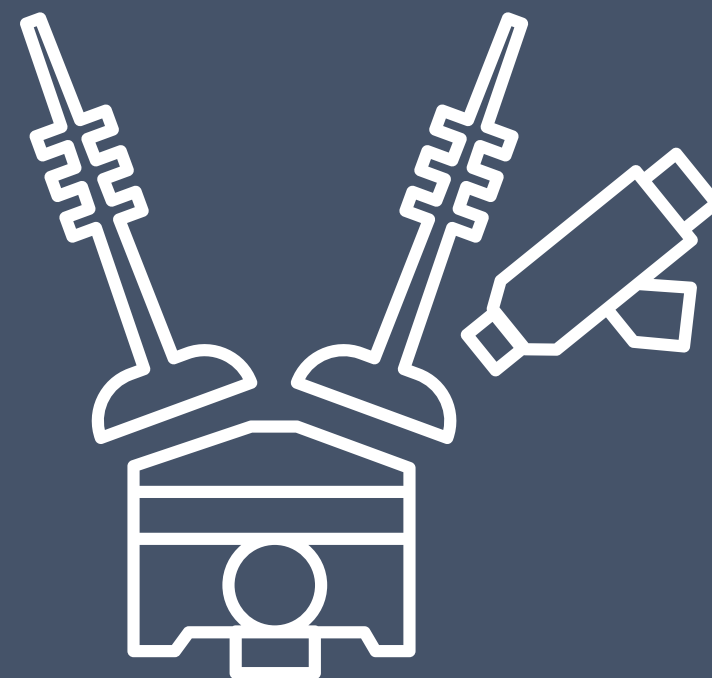
Carbon Build-Up

Carbon deposits form on the injector tip affecting injector performance and atomization (most common in GDI engines)

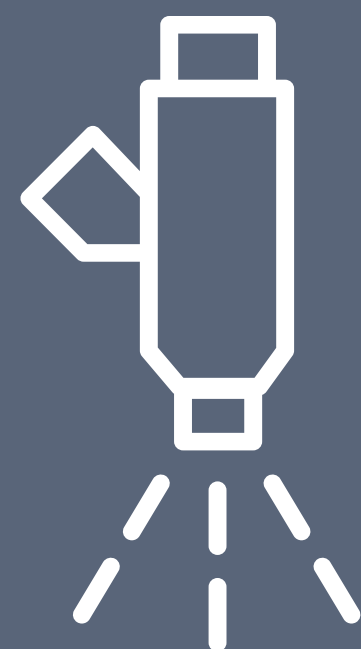
Impact on Engine Systems



If one injector is delivering an incorrect amount of fuel, it will affect the fuel trim for the entire bank. This can cause multiple cylinders to receive too much fuel, resulting in increased fuel consumption and damage to the catalytic converter



Multi-port style injectors spray fuel over the valves, cleaning them as fuel enters the cylinder. GDI injectors deliver fuel directly into the cylinder, which allows carbon deposits to build up on the valve, disrupting airflow and eventually reducing overall engine efficiency



Balanced fuel delivery is crucial to proper engine operations and clean tailpipe emissions. If one injector is being replaced on a higher mileage engine, consider replacing the entire set for optimal performance

What's New

GDI and MFI Injectors

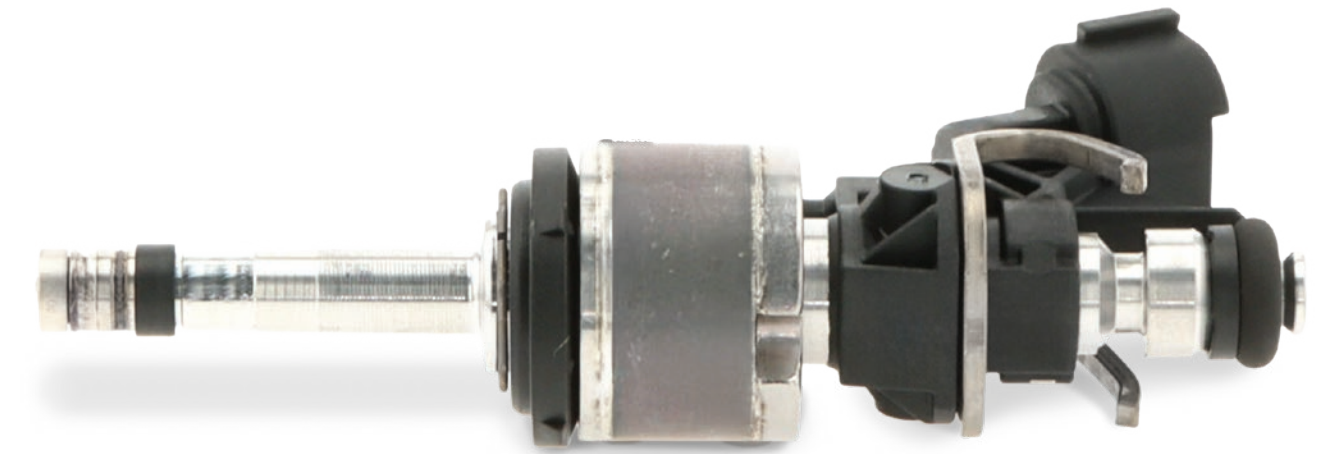
Standard® is at the leading edge of introducing both GDI and MFI Injectors for late-model vehicles. New applications are introduced at the front end of the demand curve, giving technicians precision-engineered alternatives to OE service parts.

For the most recent applications, check the catalog at StandardBrand.com.



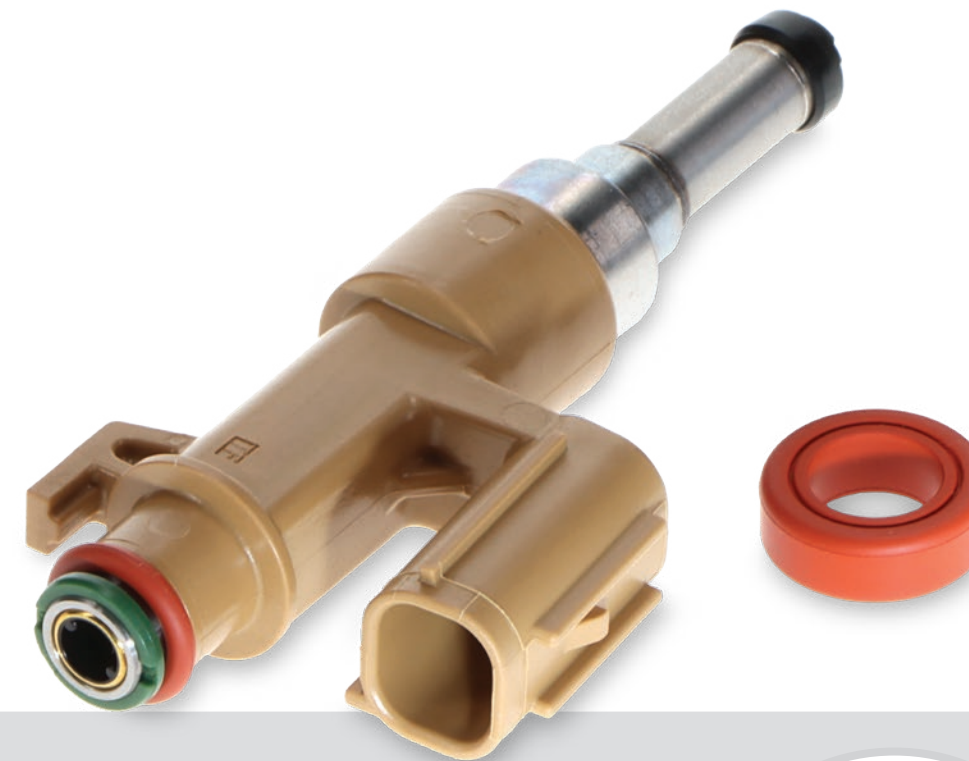
FJ1608 (MFI)

Hyundai / Genesis
Cars & SUVs
(2023-20) VIO: 895K



FJ1595 (GDI)

Nissan
Rogue
(2023-22) VIO: 442K



FJ1607 (MFI)

Toyota
Trucks & SUVs
(2018-11) VIO: 333K



FJ1590 (MFI)

Mitsubishi
SUVs
(2021-14) VIO: 412K

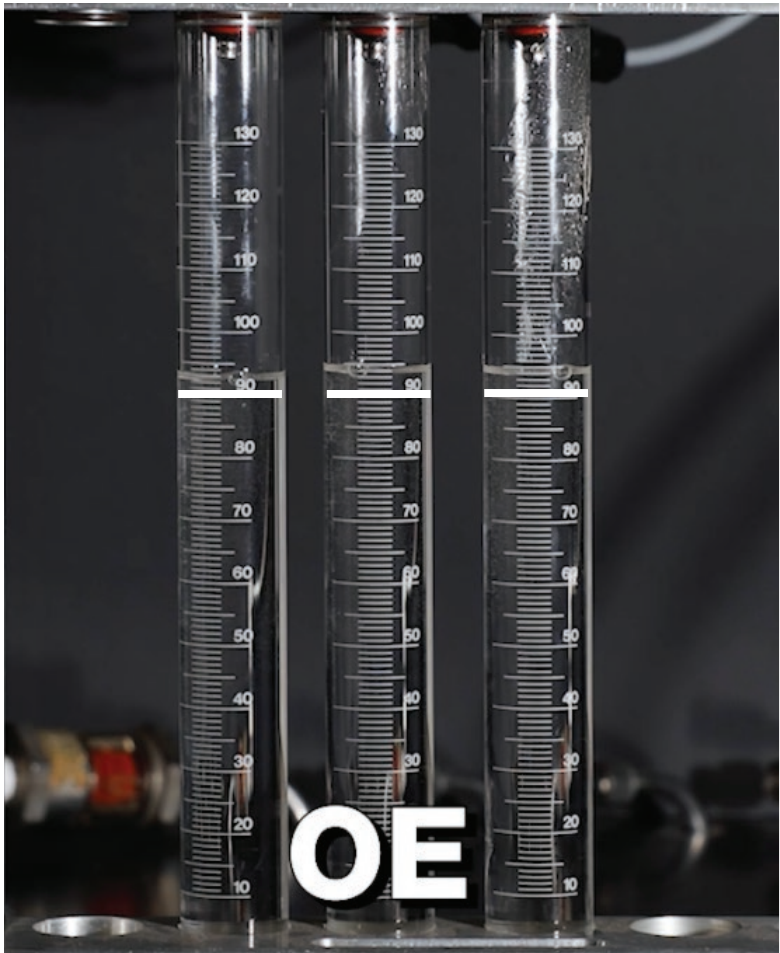
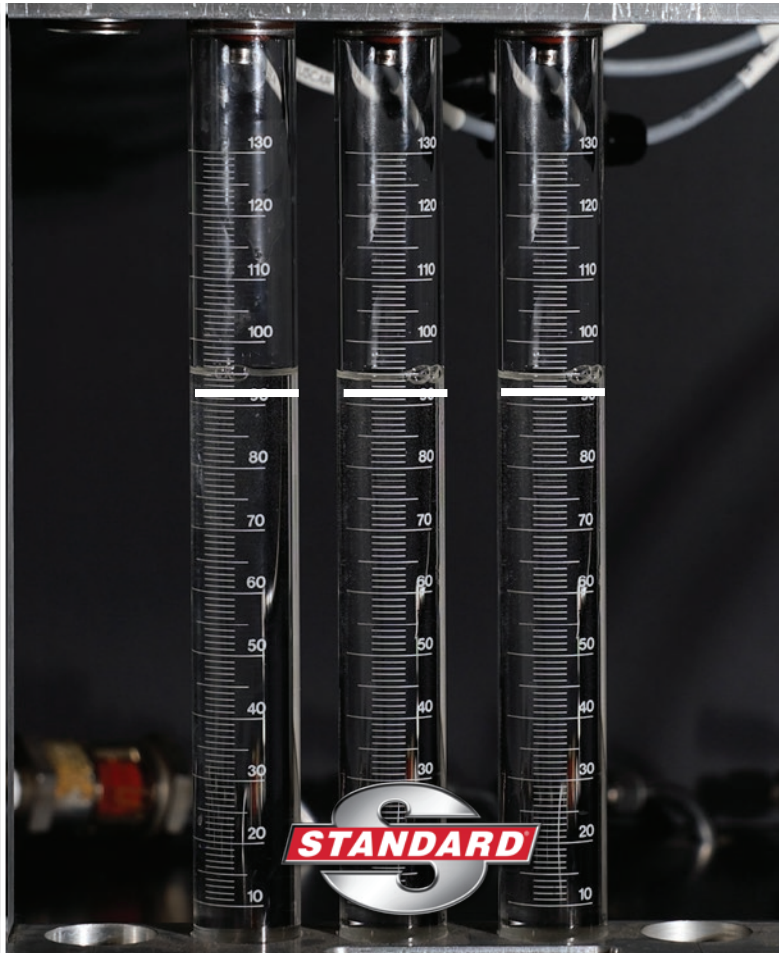




Fuel Injectors: Tested

Modern engines depend on consistent fuel delivery across all cylinders for performance and reliability. This is why each Standard® Injector is individually calibrated and end-of-line tested to match OE. Low-cost injectors can vary in quality and on-vehicle performance, and can even damage internal engine and emissions components.

Fuel Flow Rate Test

Measures the amount of fuel that an individual injector flows over a specific period of time

			
BENCHMARK	PASS	FAIL	FAIL
OE-specified fuel flow rate	Standard® Injectors are tested and calibrated for consistency to optimize performance	Inconsistent and over-fueling which can cause unburnt fuel to be sent through the exhaust, damaging emissions components	Under-fueling leads to a lean condition which can result in catastrophic engine damage

Source: SMP Testing Lab, 2025



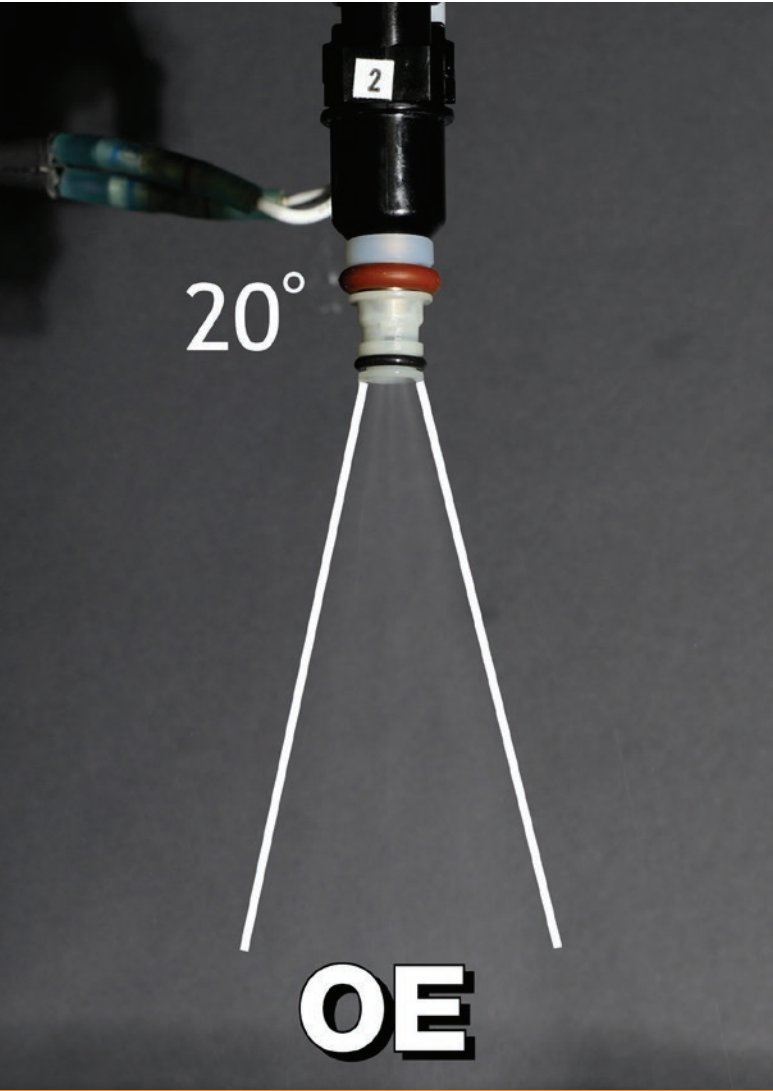
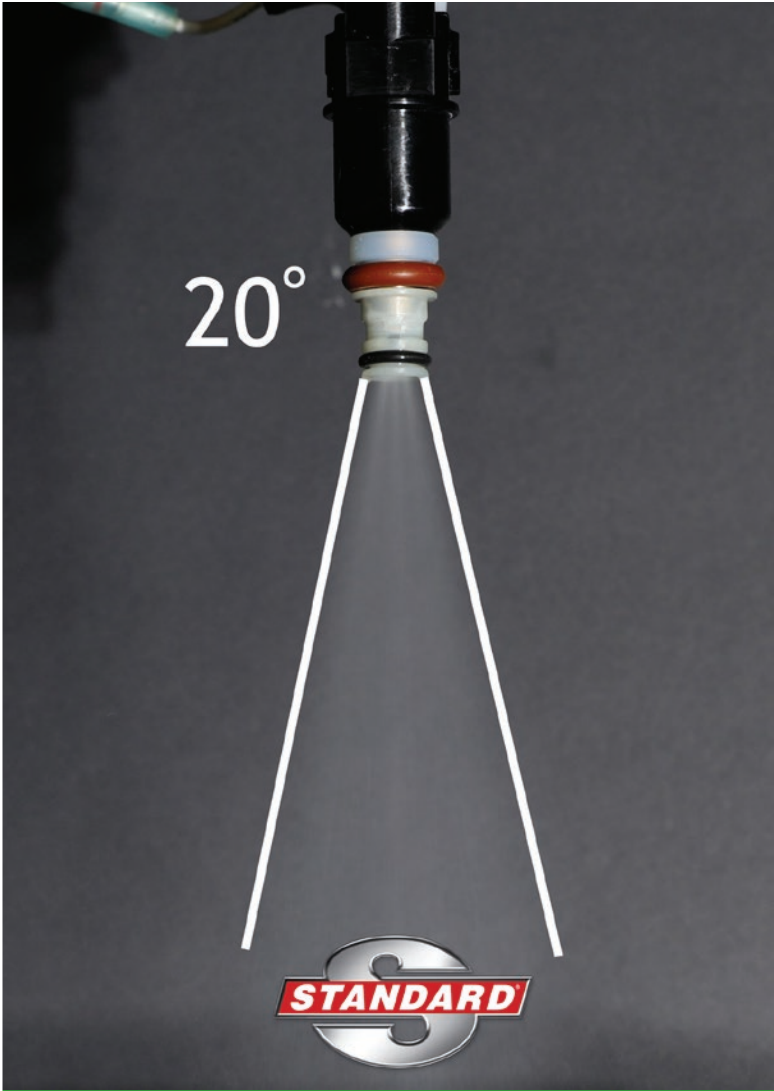
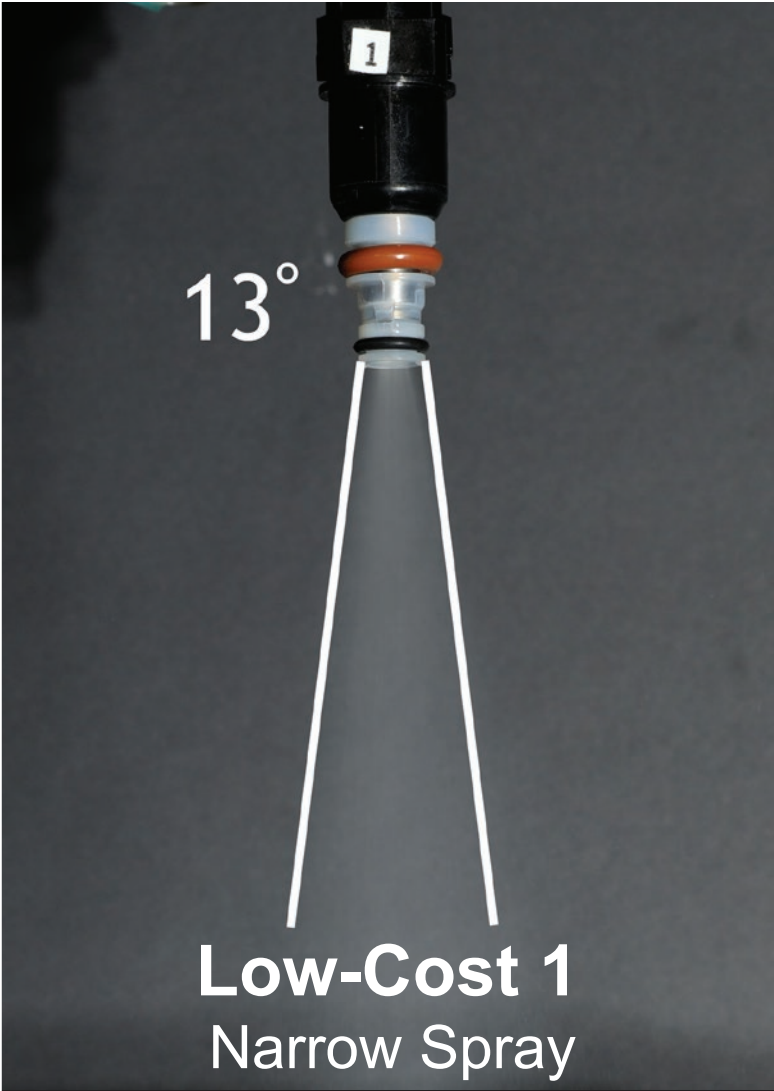

Fuel Injectors: Tested

Standard® Fuel Injectors are always designed and calibrated to match OE-designed performance. A recent head-to-head comparison test showed that the fuel spray pattern of the Standard® Injector matched OE while the low-cost competitors didn't. Low-cost competitors do not have the same quality control and calibration capabilities, and can produce injectors with poor and inconsistent performance.

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

Spray Pattern Test

Measures the shape and symmetry of the fuel pattern sprayed by an individual injector
(should be a cone-shaped mist for proper atomization)

 <p>20°</p> <p>OE</p>	 <p>20°</p> <p>STANDARD</p>	 <p>13°</p> <p>Low-Cost 1 Narrow Spray</p>	 <p>34°</p> <p>Low-Cost 2 Wide Spray</p>
BENCHMARK	PASS	FAIL	FAIL
20° OE-specified spray pattern	Standard® matches original spray patterns for optimal performance and fuel economy	Can result in poor fuel atomization, reducing engine performance and fuel economy	Can result in unburnt fuel dripping down the cylinder wall, washing away oil and damaging the piston rings and cylinder wall

Source: SMP Testing Lab, 2025



The Complete Program

Standard® delivers the most complete Gas Fuel Injection Program in the aftermarket. With more than 1,000 Injectors and hundreds of related components, including GDI High-Pressure Fuel Pumps, Fuel Pressure Sensors and Service Kits, Standard® is your premier single-source supplier. Injectors are tested and calibrated to match OE performance with wide coverage meaning you can recommend Standard® with confidence, regardless of what your customers drive.



Gas Fuel Injection Program

StandardBrand.com

Standard® Fuel Injectors

Standard® designs, manufactures, and tests every Injector to precisely match the designed performance of the original injectors.

Standard's coverage of 100% new, never remanufactured Gas Fuel Injectors is unmatched in the aftermarket.



Multi-Port Fuel Injectors (MFI)

770+ MFI Injectors

All Standard® MFI Injectors are flow-matched to each specific application, with advanced laser-drilled metering holes that deliver precise flow and spray patterns. This ensures proper injector performance and optimized fuel economy under all conditions



Gasoline Direct Injectors (GDI)

200+ GDI Injectors

Engineered to optimize the performance and fuel economy of modern GDI engines, each Standard® GDI Injector is manufactured and calibrated to match the designed performance of the original



Throttle Body Injectors (TBI)

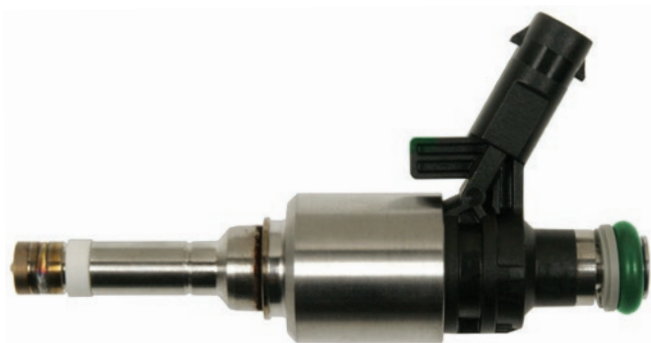
45 TBI Injectors

Meticulous engineering and precision machining ensures every Standard® TBI Injector matches the original it's replacing for fit, form and function to deliver optimal performance and fuel economy



TOP MOVERS RANKED: GDI Injectors

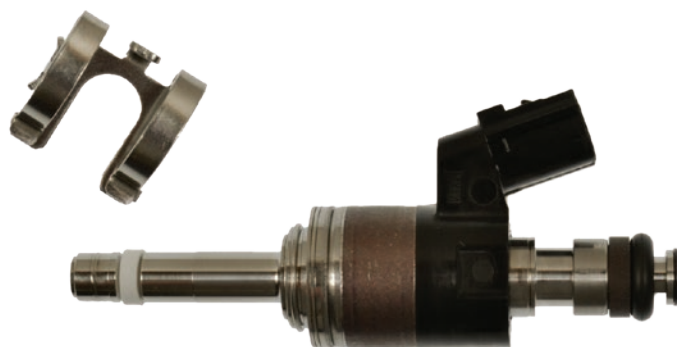
IMPORT APPLICATIONS



FJ1057

Audi / VW
Cars & SUVs
(2018-08)

1



FJ1372

Honda
Trucks & SUVs
(2020-16)

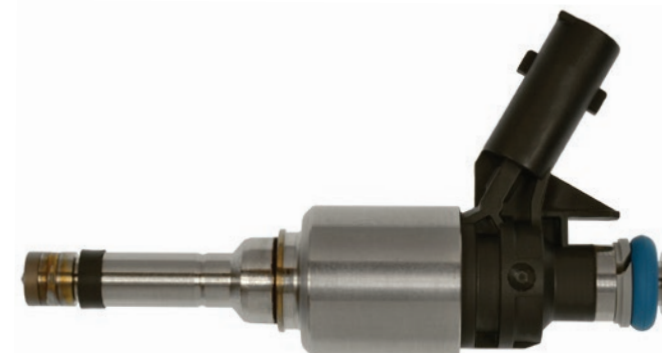
2



FJ1146

Hyundai / Kia
Cars & SUVs
(2017-12)

3



FJ1438

Hyundai / Kia
Cars & SUVs
(2022-15)

4

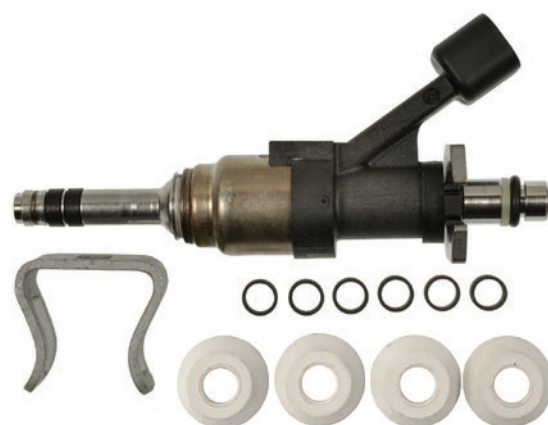


FJ1238

Volkswagen
Cars
(2019-10)

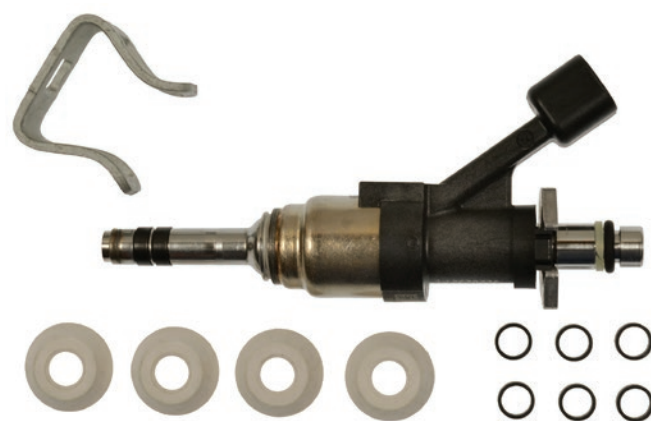
5

DOMESTIC APPLICATIONS



FJ1217

GM
Trucks, SUVs & Vans
(2024-14)



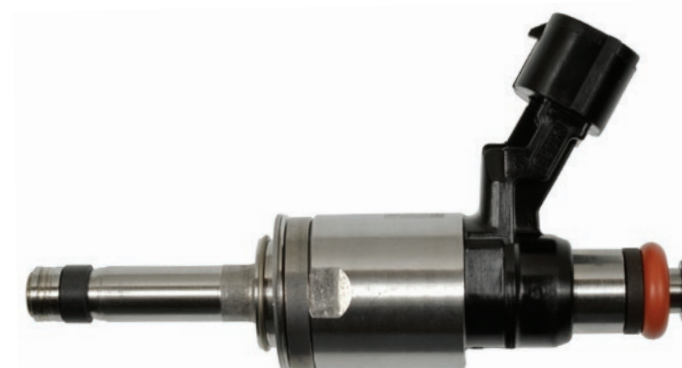
FJ1297

GM
Cars, Trucks, SUVs & Vans
(2025-14)



FJ1235

Ford
Cars & SUVs
(2019-14)



FJ1138

Ford / Lincoln
Trucks, SUVs & Vans
(2024-11)



FJ1293

GM
Cars & SUVs
(2020-16)



TOP MOVERS RANKED:
MFI Injectors

**IMPORT
APPLICATIONS**



FJ485

Honda / Acura
Cars & SUVs
(2017-03)

1



FJ585

Toyota
Trucks & SUVs
(2004-99)

2



FJ1182

Hyundai / Kia
Cars & SUVs
(2023-11)

3



FJ484

Honda / Acura
Cars & SUVs
(2011-03)

4



FJ1046

Honda / Acura
Cars & SUVs
(2015-08)

5

**DOMESTIC
APPLICATIONS**



FJ1147

Chrysler / Dodge / Jeep / RAM
Cars, Trucks, SUVs & Vans
(2020-11)



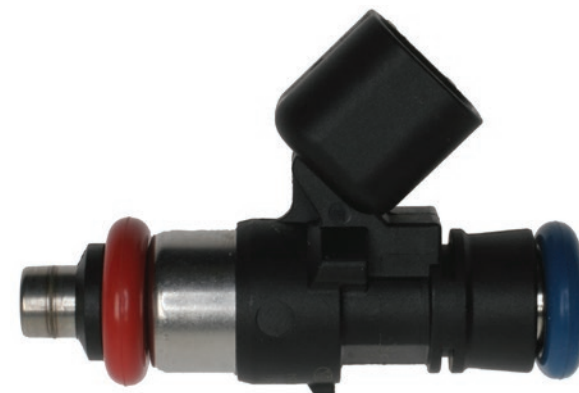
FJ1116

Ford / Lincoln
Cars, Trucks, SUVs & Vans
(2022-11)



FJ315

GM
Trucks, SUVs & Vans
(2007-99)



FJ1000

Ford / Lincoln / Mazda
Cars & SUVs
(2015-07)



FJ732

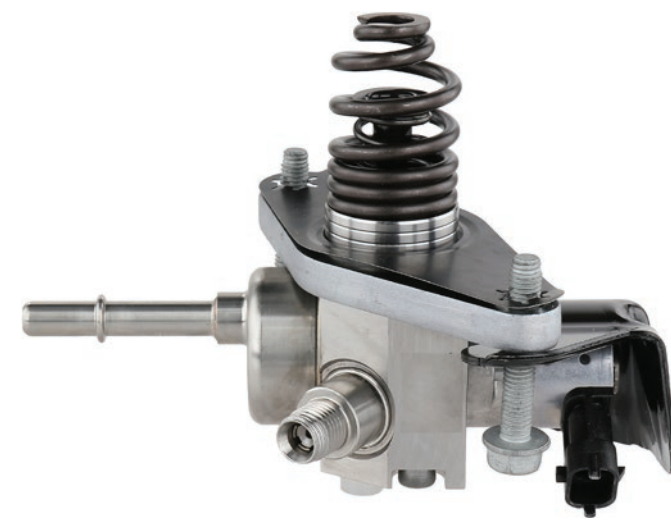
Chrysler / Dodge / Jeep / RAM
Cars, Trucks & SUVs
(2018-05)



Related Components

GDI

GDI fuel systems are complex and feature more parts than a traditional MFI fuel system. Standard® doesn't simply stop at injectors. We provide everything GDI-related to keep this complex, high-pressure system operating as designed.



High-Pressure Fuel Pumps

GDI injectors operate up to 2,000 psi. Maintaining fuel pressure is critical to the optimal performance of GDI systems

110+ SKUs with coverage through 2025



Fuel Feed Lines

Direct-fit OE replacement lines for high- and low-pressure applications

100+ SKUs with coverage through 2025



Fuel Pressure Sensors

Monitor flow to deliver precise fuel injection performance

110+ part numbers for import and domestic applications



O-Rings, Gaskets, and Plates

The right O-rings, gaskets and GDI plates are essential to a proper system service

Import and domestic coverage



Injector Seal & Service Kits

When servicing GDI injectors, new O-rings and seals are required — never reuse O-rings and seals from an injector you are replacing

30+ SKUs covering import and domestic applications



Camshaft Followers

Direct-fit OE replacement ensures proper fit, form, and function

20+ SKUs with coverage through 2023



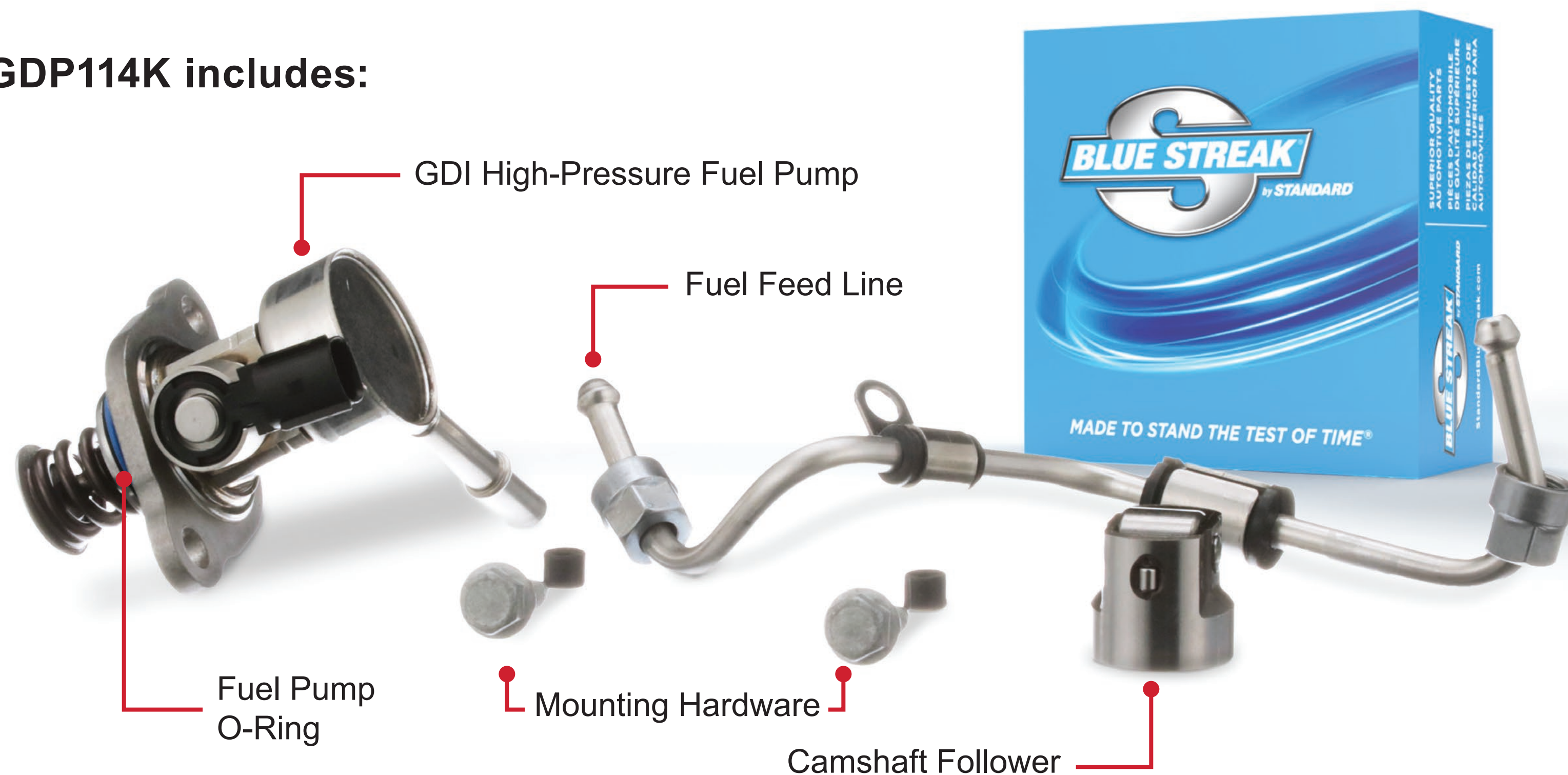
Product Spotlight

Blue Streak® GDI High-Pressure Fuel Pump Kits

Blue Streak's all-in-one GDI High-Pressure Fuel Pump Kits include all of the necessary components to do the job right the first time.

High-pressure GDI systems rely on more than just the high-pressure pump to operate correctly. We offer complete GDI High-Pressure Fuel Pump Kits so that the entire system can be replaced, ensuring trouble-free operation after the repair.

GDP114K includes:



GM Cars and SUVs
(2019-16) VIO: 1.6M



Related Components

MFI

The best new fuel injector can't perform as designed with worn O-rings, failing related components, or low fuel pressure.

Standard's complete Fuel Injection Program provides technicians with everything they need for a complete fuel system service.



Fuel Pressure Sensors

Monitor flow to deliver designed fuel injection performance

110+ SKUs with coverage through 2025



Fuel Pressure Regulators

Engineered for vehicle-specific fuel delivery and feature robust housing to reduce the chance of leakage

430+ SKUs with coverage through 2025



Fuel Injector Connectors

Standard® offers the right quality connectors for fuel injectors and related fuel system components

Import and domestic coverage through 2025



Fuel Pressure Dampers

Standard® reinforced washers help prevent dangerous fuel leaks and premature failure

40+ Dampers for import and domestic applications



Fuel Injector Seal Kits

New O-rings and seals will help ensure a proper install. Our O-Rings are made from high-quality materials to ensure performance and longevity

130+ O-Ring and Seal Kits specifically designed for MFI fuel injection systems



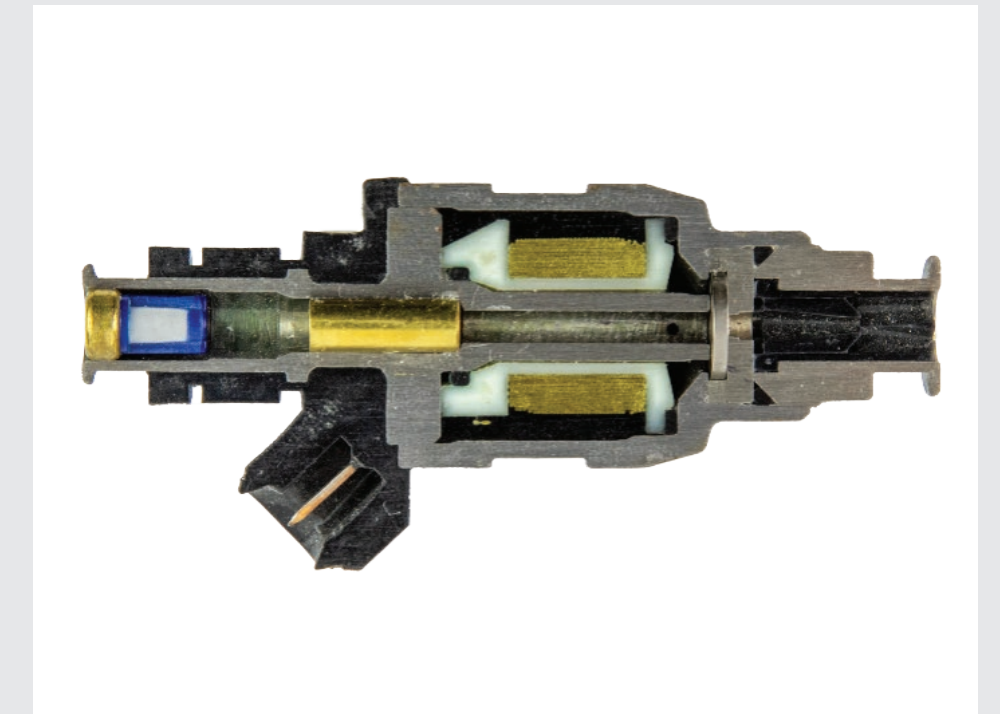
Standard® Solutions

Standard® Gas Fuel Injectors are always all-new and do not contain any old or remanufactured components. This is why technicians trust Standard® Injectors to not only perform, but also last on their customers' vehicles.

PROBLEM:

Electrical issues are one of the most common reasons that fuel injectors fail

- Gas fuel injectors are actually sealed electronic components. The overmold makes it almost impossible to disassemble the injector
- Most “reman” gas injectors reuse the old, original electronic components. These components have already experienced thousands of heat cycles before they are ever installed
- Most “reman” injectors are just old injectors that have been cleaned and flushed

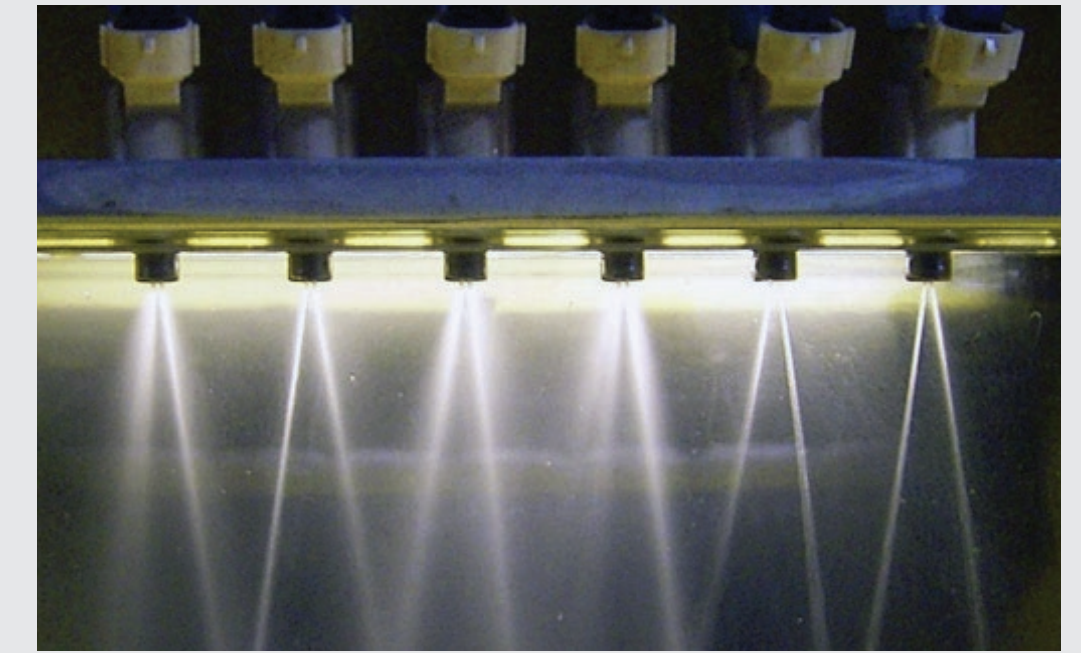
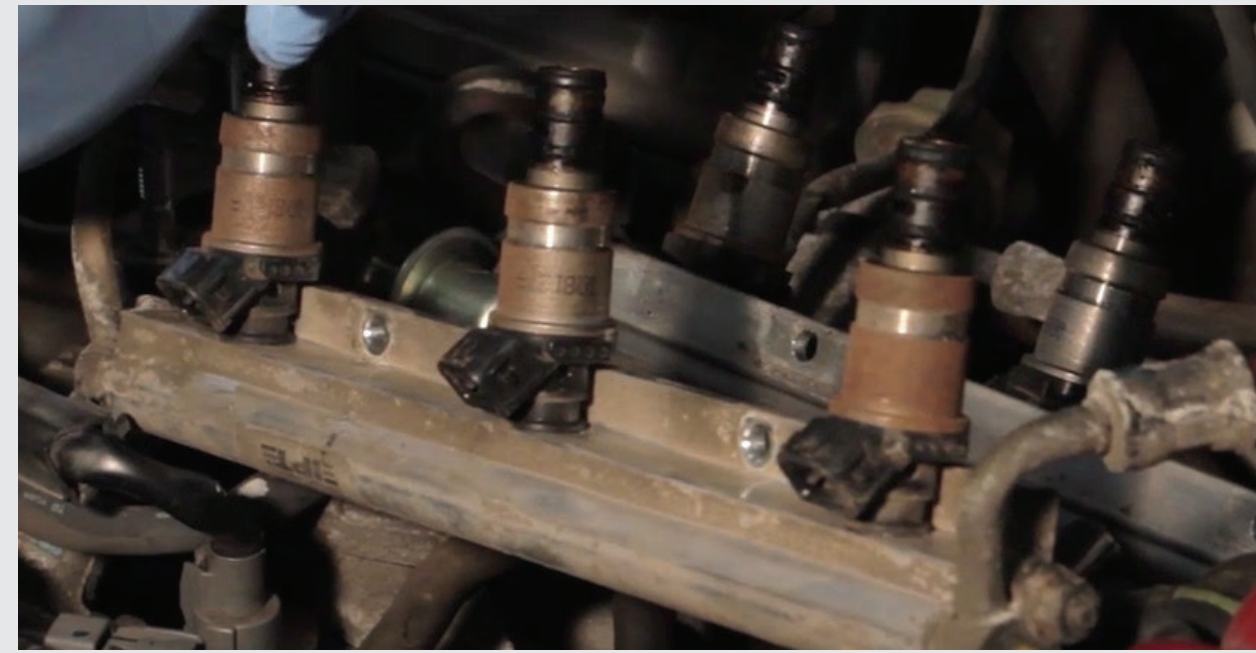


**All Standard® Gas Fuel Injectors
contain 100% all-new components
for a longer service life**



Standard® Solutions

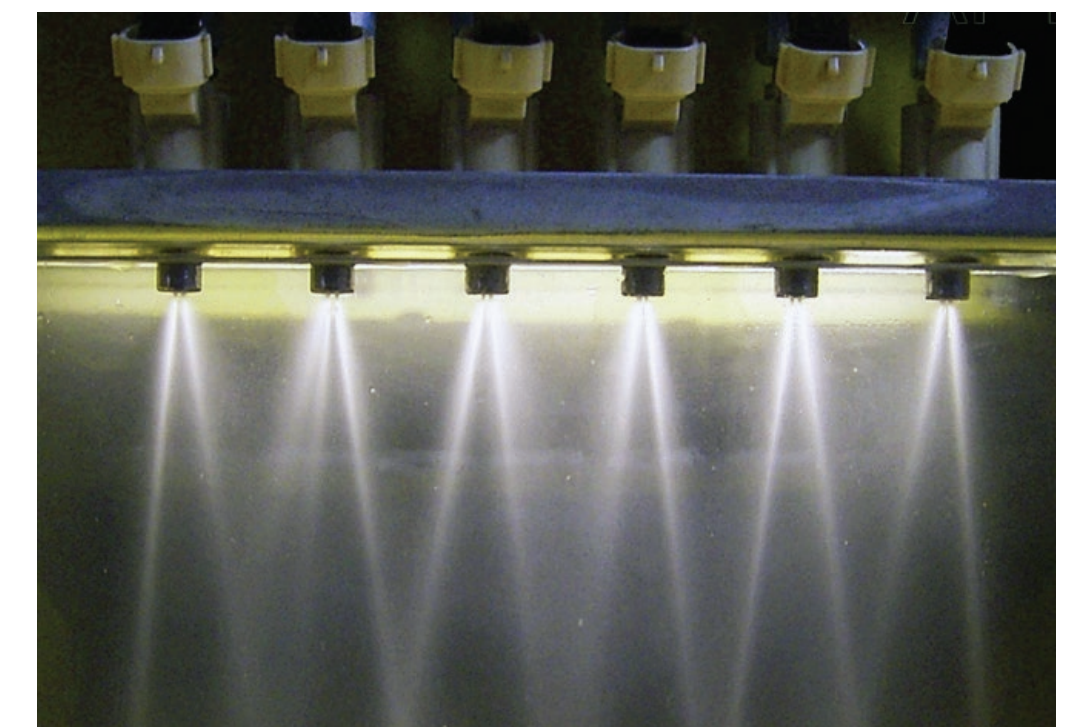
Over time, fuel injectors can become slightly clogged and while the vehicle may run, installing a new set of matched injectors is the best way to restore performance on a higher mileage vehicle. Our most popular Injectors are available in Multipacks, making it easier to restore performance and improve reliability with one part number.



High-Mileage Injectors

Problem: Engine Misfires, Loss of Power, Check Engine Light

Clogged or worn injectors can cause engine misfires, loss of power and even damage engine and emissions components



New Injectors from Standard®

Standard® Solution: Standard® Fuel Injector Multipacks

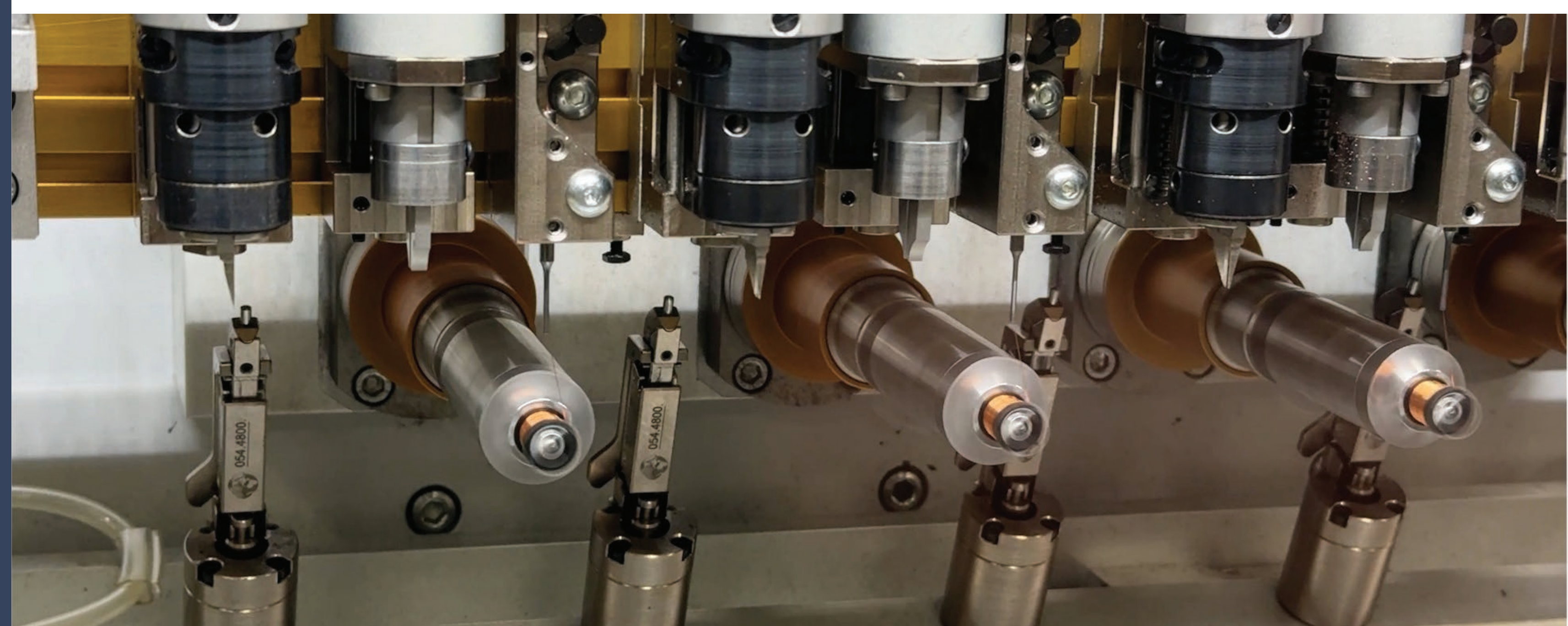
Balanced fuel delivery is crucial to proper engine operations – If one injector is being replaced on a higher mileage engine, experts recommend installing a new matched set to help restore performance and prevent future misfires

With one part number, technicians can install a new set of matched fuel injectors to help restore fuel mileage and performance



USA Manufacturing

The majority of Standard's Fuel Injectors are manufactured in America at our state-of-the-art facility in Greenville, South Carolina. This vertically integrated, 180,000-square-foot, ISO 9001-certified facility controls each step of the manufacturing process, ensuring consistent product quality and correct on-vehicle performance.



Gas Fuel Injector internal coil winding process



Standard® Quality

GDI Fuel Injectors

GDI fuel injectors are subject to extreme temperature and pressure from within an engine's combustion chamber. Standard® GDI Injectors feature high-temp Viton® seals and a stainless steel internal calibration slide for consistent, long-term performance in harsh conditions.

Stainless Steel Calibration Slide and Spring Assembly
prevents corrosion within fuel control body leading to extended service life

High-Temp Viton® O-Rings
enable prolonged sealing of injector under extreme heat conditions

Precision-Wound and Trimmed Solenoid Windings
allow the computer to command efficient fuel delivery



Retaining Clip
keeps the injector in position while protecting against vibration

O-Rings and Umbrella Seals
are included to ensure a trouble-free install



Standard® FJ1217
New GDI Fuel Injector
GM Trucks, SUVs & Vans
(2024-14)



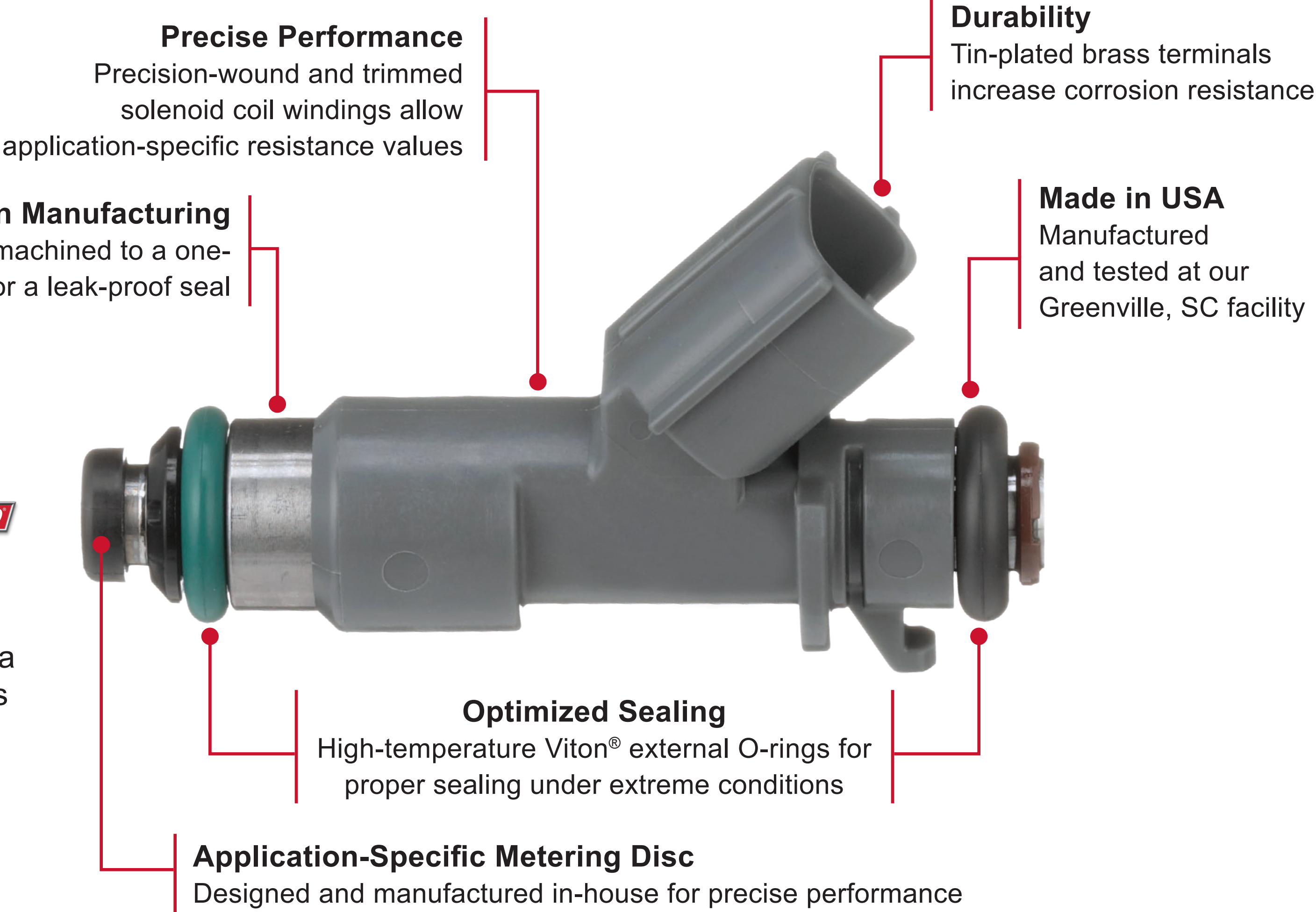
Standard® Quality

MFI Fuel Injectors

Standard® Gasoline Fuel Injectors are always new, never remanufactured, and are precision-engineered to match OE injector spray pattern and flow rate. New Standard® MFI Injectors help optimize engine performance, fuel economy and emissions.



FJ982
Honda / Acura
Cars & SUVs
(2020-08)



Precision Matters: The location and size of the holes must match OE exactly for precise performance



The metering disc must also be indexed correctly onto the injector

Examples of actual metering discs used by Standard®



Standard® Pro Training Tech Tips

Standard® Pro Trainers have installed hundreds of fuel injectors and trained thousands of technicians. Here's what they say to look out for during a fuel injector install.



Some GDI injectors, such as Toyota, have a specific calibration number on them and must be replaced with an injector with the same or a similar calibration. Pay close attention to the specific number on the injector



When replacing GDI injectors, always replace the one-time-use steel lines that are typically indicated with a yellow sticker and an image of a garbage can



Standard® Professional Training

Award-Winning In-Person, Live Virtual, and Online Learning

Standard® Pro Training delivers accredited classes that educate technicians in the latest automotive repair technologies, and techs can earn CEU credits.

An extension of Standard® training, our extensive YouTube video library has over 700 technical and installation videos.



Available Classes

ASE Test Prep - A8 Engine Performance
Diagnosing Electronic Fuel Pump Controls
E85 & Flex Fuel Vehicles
Fuel Trim Diagnostics
Gasoline Fuel Injection Fundamentals
Lean Engine Diagnostics
Rich Engine Diagnostics

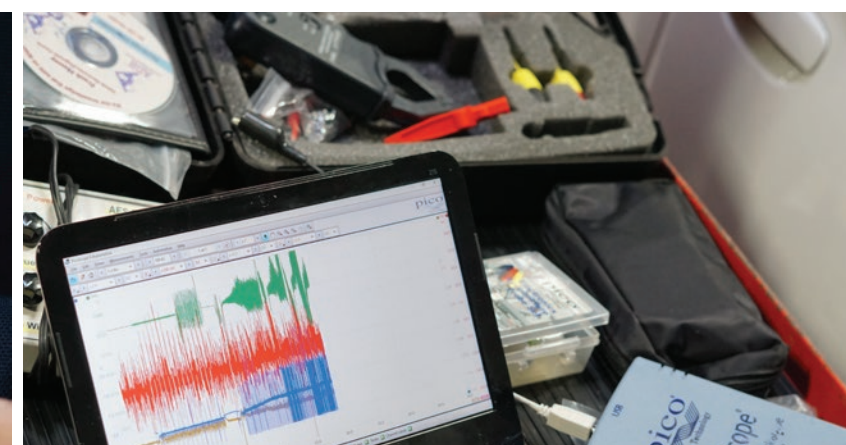
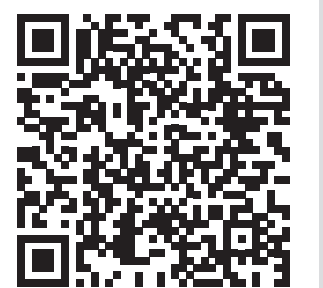


Available Classes

Advanced Drivability
Analytical Approach to Diagnostic Problems
Ford EcoBoost
Fuel Injection Systems - From Guesswork to Game Plan to Repair
Labscope Power User
Vehicle Emission Systems - Keeping It Clean



For information on replacing fuel injectors and related components, search “Injector” on the **Standard Brand** YouTube channel or scan the QR code for the [Gas Fuel Injection playlist](#)



Gas Fuel Injection Program

StandardBrand.com