

# ENGINE MANAGEMENT SOLUTIONS

We have the parts you need from the OE manufacturers you trust.



**Advance**  
**Professional** 

## Advance Professional now offers expanded coverage including OE parts where they are needed the most.

You work hard to satisfy your customers because it's the right way to do business, and because you want them to come back for future repairs. One of the keys to accomplishing that is installing the high-quality parts both you and your customers can trust — parts that ensure the job is done right the first time.

Vehicle manufacturers' continuous introduction of new technology and increased government regulation and requirements makes engine management one of the fastest growing hard parts categories. Engine management is no longer just simple coils and plugs. The category has evolved into numerous complex sensors, switches, valves, and modules that interact with one another throughout the vehicle.

Our goal is to be your go-to partner by meeting and exceeding your needs in this complex category. That's why we now offer more than 50,000 engine management-related parts, and we continue to lead in availability, staying ahead of demand. We've made significant inventory investments and have partnered with the most innovative and respected suppliers in the industry, adding more parts from OE manufacturers.

We have everything you need to complete the job, making it easy for you to call us first, instead of the dealer. Look inside at our newly expanded offerings and see why we should be your engine management solution.

Thank you,

**Advance Professional Engine Management Team**



# WE HAVE ACTUAL OE PARTS FROM OE MANUFACTURERS

Our in-stock availability of OE parts in each category is at an all-time high because we've worked continuously to build our inventory with the brands you need. We also carry a full line of top quality engine management parts from BWD, Intermotor and TechSmart.

## O2 Sensors

- Bosch
- Denso
- NTK

## Coils

- Bosch
- ACDelco
- Motorcraft
- Hitachi
- Denso
- Delphi

## Spark Plugs

- ACDelco
- Bosch
- Champion
- Denso
- Ford/Motorcraft
- NGK

## Electronic Throttle Bodies

- Hitachi
- Bosch
- ACDelco

## Mass Air Flow Sensors

- VDO
- Hitachi
- Delphi
- Bosch



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## DRIVEWORKS™

Our expanded Driveworks product line offers value pricing on the top applications. Driveworks includes 421 parts covering over 65% of engine management sales. More than 30 part types make up the Driveworks line including:

- Ignition coils — 80 numbers
- Caps and rotors — 80 numbers
- Cam/crank sensors — 44 numbers
- Oil pressure switches — 31 numbers



## WE OFFER TOP QUALITY, OE-BRAND O2 SENSORS

Prevent check engine lights by using exact OE-brand O2 sensors.

- Improve customers' gas mileage and reduce harmful emissions
- OE application coverage for most import and domestic cars and light trucks on the road
- Brands match OE specs



**BOSCH**

**DENSO**



## CARQUEST® PREMIUM WIRE SETS AND COP BOOTS

- Engineered to restore ignition wire reliability and performance
- Made by the actual OE manufacturer and exceeds OE/OES specifications
- Original fit, function, performance and color
- SAE J2031 Class E cable resists heat, cold and electrical interference
- OE/OES specified wire lengths
- OE/OES specified insulators

Carquest premium wire sets match OE in terms of jacket color, conductor (core) type, and components (separators, looms, and clips). Wires are safely sorted to protect against arcing, cross-fire, electromagnetic interference and damage.



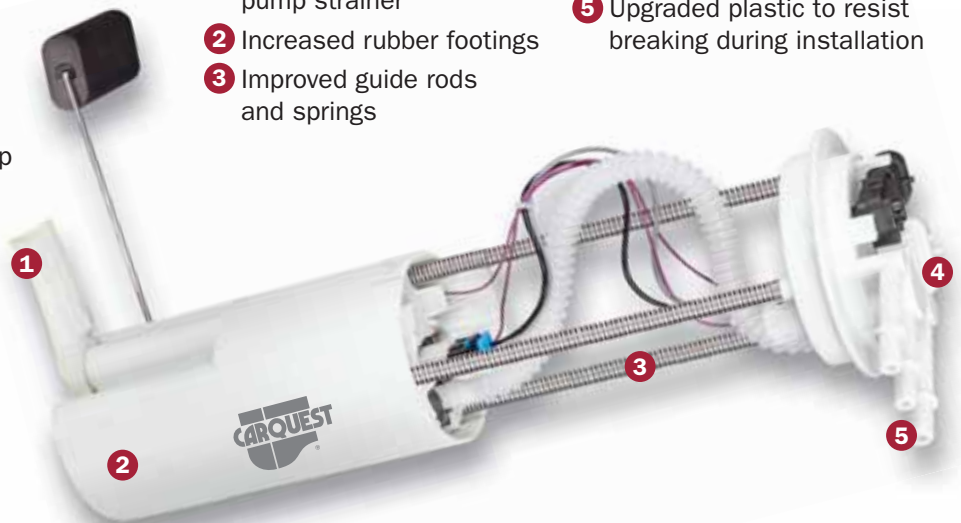
## CARQUEST® FUEL PUMPS ARE SOURCED STRAIGHT FROM OE MANUFACTURING FACILITIES



### We've invested in industry-leading quality upgrades:

- 100% carbon commutators provide resistance to aggressive fuels and double the life expectancy of the pump
- OE upgraded turbine impellers greatly reduce fuel pulsation
- Upgraded guide rods and springs (internal on all possible applications)
- Increased rubber footings that are E85 compatible
- Lifetime Warranty and 1-Year Labor Warranty

- 1 OE upgraded electric fuel pump strainer
- 2 Increased rubber footings
- 3 Improved guide rods and springs
- 4 OE upgraded wire harness
- 5 Upgraded plastic to resist breaking during installation



## MAF SENSORS FROM THE INDUSTRY LEADERS

Accurate airflow measurement is critically important for proper engine performance. We carry MAF sensors from the leading OE manufacturers including VDO, Hitachi, Delphi, Bosch and Denso. Their products deliver optimal performance with features that include:

- Application-specific calibration
- OE technology ensures correct function and calibration for trouble-free operation
- Guaranteed to match vehicle requirements for performance, drivability, fuel economy and emissions
- Accurate airflow measurement to very fine tolerances for efficient engine performance
- We carry a full line of MAF sensors supported by Spectra Premium



HITACHI



VDO



SPECTRA PREMIUM

## WE NOW CARRY PRODUCTS FROM ROTOMASTER®

Rotomaster is one of the fastest growing manufacturers offering parts for automotive, light truck, medium and heavy duty applications. Rotomaster is recognized worldwide as an industry leader in performance, innovation, durability and value.

### Turbochargers

- New and remanufactured units
- Gas and diesel applications
- Made in North America
- Industry-leading coverage

### Cartridges

- OE quality
- High speed balanced
- Improved wear components

### Service Kits and Components

- Improved designs
- Variable nozzle turbocharger components
- Complete repair kits



Rotomaster™

## DIESEL COVERAGE YOU CAN COUNT ON

Make us the first call for your diesel needs. We have more than 500 diesel part numbers in 37 unique categories from leading manufacturers you trust, including Dorman, TechSmart, Standard Motor Products (SMP), and Delphi.

Diesel engines are an increasingly popular choice in passenger vehicles and in light-medium and heavy duty fleet vehicles.

- From 2010 to 2013 diesel car registration in North America increased 30%
- By 2018 forecasts call for diesel to power 10% of all passenger cars and light trucks — a more than 200% increase from today

**Don't wait on the dealer for your OE parts.  
Call us first when you need the right parts for diesel engines:**

- Diesel injectors
- Diesel injection fuel pumps
- Diesel high pressure oil pumps
- Diesel and gasoline turbochargers
- EGR valves
- Camshaft/crankshaft sensors
- Exhaust gas temperature sensors
- Fuel water separator sensors
- Oil coolers
- EGR coolers
- Valve cover gaskets
- Fuel injector feeder lines
- Fuel injector resistors
- Turbo cartridges



# PROFESSIONAL QUALITY PARTS, SERVICE AND SOLUTIONS DEDICATED TO YOUR SHOP

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Contact your Commercial Account Manager for more information.  
For customer assistance and technical support call 1-877-280-5965.  
Order online at [www.AdvanceCommercial.com](http://www.AdvanceCommercial.com) or [weblink.carquest.com](http://weblink.carquest.com)

