

# 2023

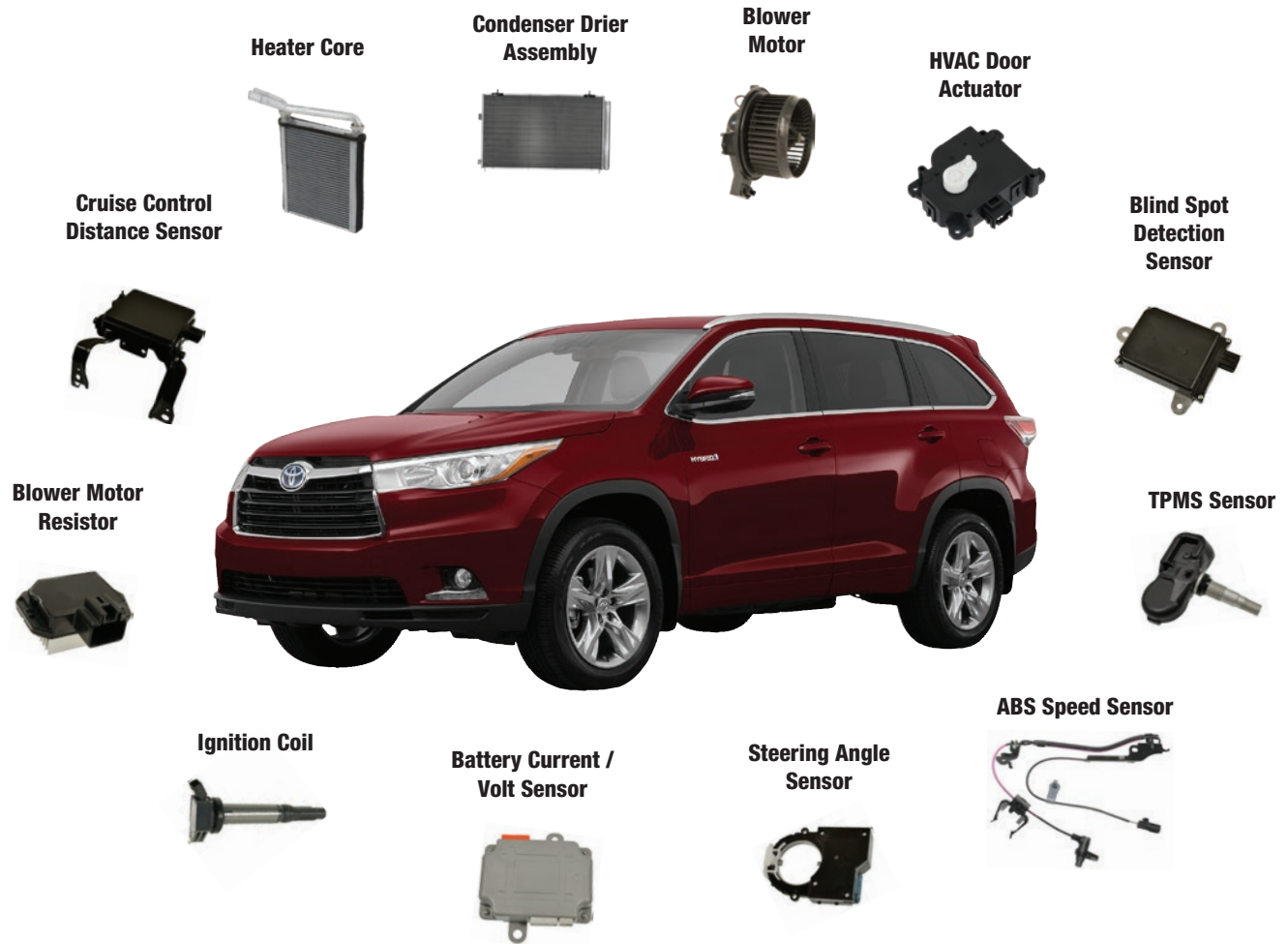
## PROGRAMS AND PRODUCTS



ENGINE  
START

HYBRID

# Hybrid and Electric,



**2014 Toyota  
Highlander Hybrid**

## Hybrid Coverage

**4,000**  
Parts

**150**  
Models

**We have over 140 parts for the 2014 Toyota Highlander Hybrid**

There are around 5 million hybrid vehicles on the road, and many of them are more than 10 years old. With two different systems powering the vehicle, hybrids have more components compared to gas and diesel vehicles. More hybrids, aging hybrids, and more parts mean that hybrid repair opportunities are growing. Standard® and Four Seasons® already have the parts your customers will be looking for.

# SMP Has You Covered



## Electric Coverage

**1,900**  
Parts

**40**  
Models

**2019**  
**Chevrolet Bolt EV**

## We have over 40 parts for the 2019 Chevrolet Bolt EV

Electric cars are still cars. They use the very same sensors, switches, and climate control systems as gas and diesel cars, but they also present new opportunities. Batteries need to be heated and cooled, wires carrying high voltage fail and battery contacts corrode. SMP is committed to introducing more electric cooling pumps and fan motors and has extensive experience in wire, cable and connectors.





**STANDARD®**

## ADAS Program

With over 600 part numbers, Standard® has a complete ADAS program to help you capture more business. A minor accident can damage a park assist sensor, sunlight can fade the lens on a park assist camera, and corrosion can damage sensors, like blind spot detection sensors. Our complete ADAS program helps technicians get their customer's vehicle back on the road quickly and safely.

### ADAS Program

**600**

Parts

**800M**

Repair Opportunities

**Lane Departure System Cameras**

**Blind Spot Detection Sensors**

**Park Assist Cameras**

**Cruise Control Distance Sensors**

**Park Assist Sensors**

**Steering Angle Sensors**

**Standard® and Four Seasons® have over 50,000 parts that are powertrain neutral. That means the parts are the same whether the powertrain is gas, diesel, hybrid or electric. ADAS components aren't powertrain dependent, neither are A/C Compressors, or the thousands of other Standard® switches, sensors, actuators and connectors.**

**50,000  
POWERTRAIN  
NEUTRAL PARTS**



**STANDARD®**

# Collision Repair Program

**NEW CATEGORY  
7,500 PARTS**

Standard's new Collision Repair Program includes more than 7,500 of the hard-to-find, yet easily damaged parts that collision shops and repair facilities are looking for. Parts like headlight level sensors and active grille shutters are easily damaged in collisions, even minor ones. Standard's ever-expanding Collision Repair Program brings real solutions to your customers.



## THE STANDARD® COLLISION REPAIR PROGRAM INCLUDES

**Active Grille Shutters**

**Charge Air Coolers**

**Ambient Air Temp  
Sensors**

**HID Headlight Ballasts**

**Headlight Sensors**

**Headlight Connectors**

**Center High Mount  
Stoplight Assemblies**

**Door Lock Actuators**

**Trunk Lock Actuators**

**Hood Latches and  
Actuators**

**Liftgate Actuators**



# Engine Management Standard of Excellence Categories

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## ABS Speed Sensors

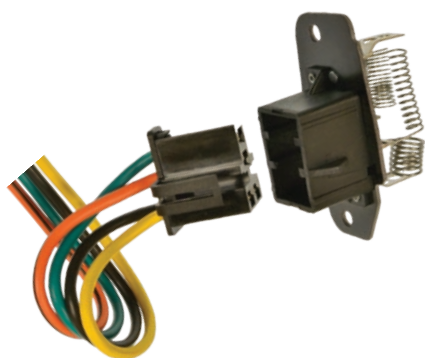


ABS Sensors are critical to the performance of electronic safety systems like ESC and Automated Braking

Standard's complete program includes over 2,500 Sensors, covering 265 million vehicles

Tested in the lab for output voltage, magnetic field strength, output wave; and tested on real vehicles to make sure electronic safety systems operate correctly

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## Blower Motor Resistors and Kits

High-temperature currents can melt the original connectors

Standard® offers over 770 Blower Motor Resistors, including more than 20 Blue Streak® Kits with high-temp connectors for a complete program

Manufactured in our IATF 1649-certified North American facility

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## Camshaft and Crank Sensors

Standard® offers more than 1,100 Cam and Crank Sensors, representing 698 million repair opportunities

Our Cam and Crank Sensors are tested from -40°F to 257°F and vibration tested for up to 64 hours for optimal operation in all conditions and a long service life

Manufactured in our IATF 1649-certified North American facility

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## Electronic Throttle Bodies

Standard® offers over 200 ETBs covering 190 million vehicles for the most complete program in the industry

All Standard® ETBs are all-new, not remanufactured, and include updated gear trains over OE designs for a longer service life

New gaskets are included with Standard® ETBs

# Expansion in 2023 for all Categories

## EVAP Program

Standard's EVAP program has over 1,500 part numbers, including ESIMs, Canister Purge Valves & Vents, Canister Vent Valves & Solenoids, Fuel Vapor Canisters and Leak Detection Pumps

All Standard® EVAP components are precision engineered and tested to match OE performance

Standard® EVAP components are manufactured to ensure maximum durability in all conditions



## Gas Fuel Injection

Standard® has a complete Fuel Injection program with more than 1,000 components; GDI, MFI, TBI and the related parts needed for a complete fuel injection service

Our Fuel Injectors are designed, tested and manufactured in the USA

Standard® Fuel Injectors are always new, never remanufactured



## Ignition Coils

High OE failure rates have made Standard® and Blue Streak® Coils a key category

Standard® has over 880 Ignition Coils for 99% aftermarket coverage

Many of Standard® and Blue Streak's popular Import Coils are now available in multipacks



## Variable Valve Timing

VVT technology can now be found on almost every new vehicle (including hybrids)

Standard® and Blue Streak's complete VVT Program includes more than 550 Solenoids, Sprockets, and Kits

Blue Streak® Solenoid and Timing Repair Kits provide technicians everything they need for a complete repair in one box

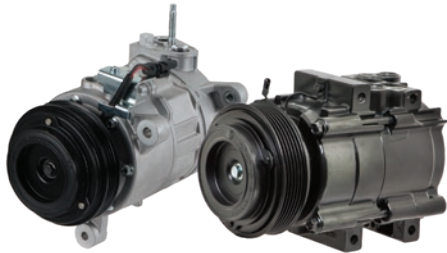




# Temperature Control Standard of Excellence Categories

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## New and Reman Compressors



Four Seasons® engineers and manufactures the widest range of Compressors in the aftermarket including 10S, R4 and H Series models

Our engineering and validation processes simulate a real world environment equivalent to 100,000 miles. Every Compressor is 100% vacuum and leak tested

100% of our remanufactured Compressors are produced in North America

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## Accumulators / Filter Driers



Manufactured with state-of-the-art production equipment for product integrity and quality

Precision-machined fittings for a proper fit

Manufactured in our IATF-16949:2016-certified facility with premium desiccant bags heat-sealed for long-lasting performance

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## Expansion Devices



All expansion devices are specifically calibrated to provide proper refrigerant flow

Four Seasons® ensures each Expansion Valve matches OE specifications for optimum cooling performance

Block Valves are designed using advanced software and precise measuring equipment to ensure product quality and consistency

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## Hose Assemblies



Basic manufacturer of Hose Assemblies to provide a unit that matches OE fit, form and function

Four Seasons® offers industry-leading coverage for over 94 million vehicles

Constructed with double-wall barrier hose and are helium tested for leak-free performance



# Expansion in 2023 for all Categories

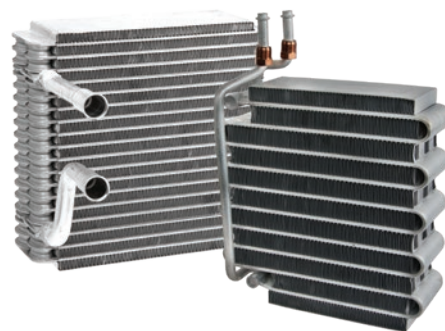
## Evaporators

Made of high-grade aluminum to resist corrosion

All Evaporators are pressure tested for peak performance and trouble-free operation

All Evaporators are direct OE replacements and meet or exceed OE fit, form and function

Optimized for proper refrigerant flow and pressure drop



## Blend / Air Door Actuators

Air Door Actuators are a key component in driving comfort and HVAC ventilation

Made from quality materials, precision gears and quality soldered connections

Air Door Actuators undergo rigorous testing to ensure OE fit and long-lasting performance



## Heater Cores

Four Seasons® offers four major design styles of Heater Cores to match OE fit and performance

Heater Cores are tested and validated for proven reliability and durability

Manufactured with premium materials using quality tanks and tubes for proper fit and placement

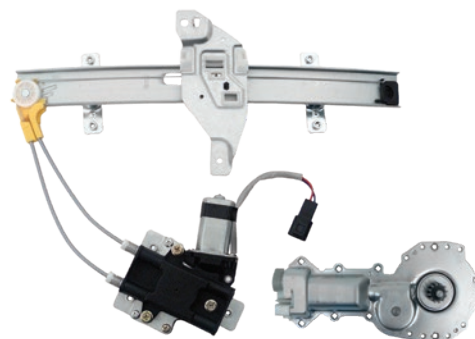


## Window Lift Components

The ACI® in-house engineering team has redesigned select units to improve the durability over the OE design

All ACI® window lift components are thoroughly tested and validated for fit, form, and function, and designed for direct-fit replacement

Durability testing consists of 12,000 cycles in a real-time environment for proven quality and longevity



# Intermotor® is now Standard®

A recent national survey of technicians showed they prefer Standard® to Intermotor®. To help you capture more sales, we are transitioning all Intermotor® products for import nameplates to Standard®. These parts will utilize the same red Standard® box already on your shelves. Professional technicians know and trust Standard®, and we want to help you give them exactly what they are looking for.



## THE BOX IS CHANGING, THE GENUINE IMPORT PART INSIDE ISN'T

- The part numbers and UPCs will not change
- Box dimensions will not change
- The very same high-quality parts for import vehicles will be inside

# 19,000+

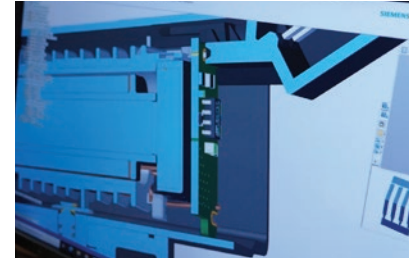
Part Numbers for Import Vehicles

# WHAT'S IN YOUR BOX?

## HERE IS WHAT'S IN OURS

### Research and Development

Standard® has 11 fully-equipped design & development centers in North America and around the world including New York, South Carolina, Poland and Germany. SMP remains committed to developing the best-performing aftermarket products available.



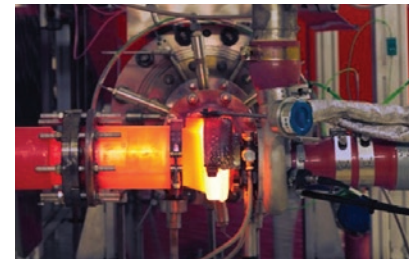
### Precision Manufacturing

From start to finish, Standard® is an expert manufacturer, validating all components from raw material to end-of-line testing. Standard® manufacturing facilities are IATF 16949, ISO 9001 and ISO 14001-certified.



### Testing and Validation

Thermal shock, vibration, salt spray, and more, Standard® parts are subjected to a series of tests and undergo a detailed validation process.



### On-Vehicle Testing

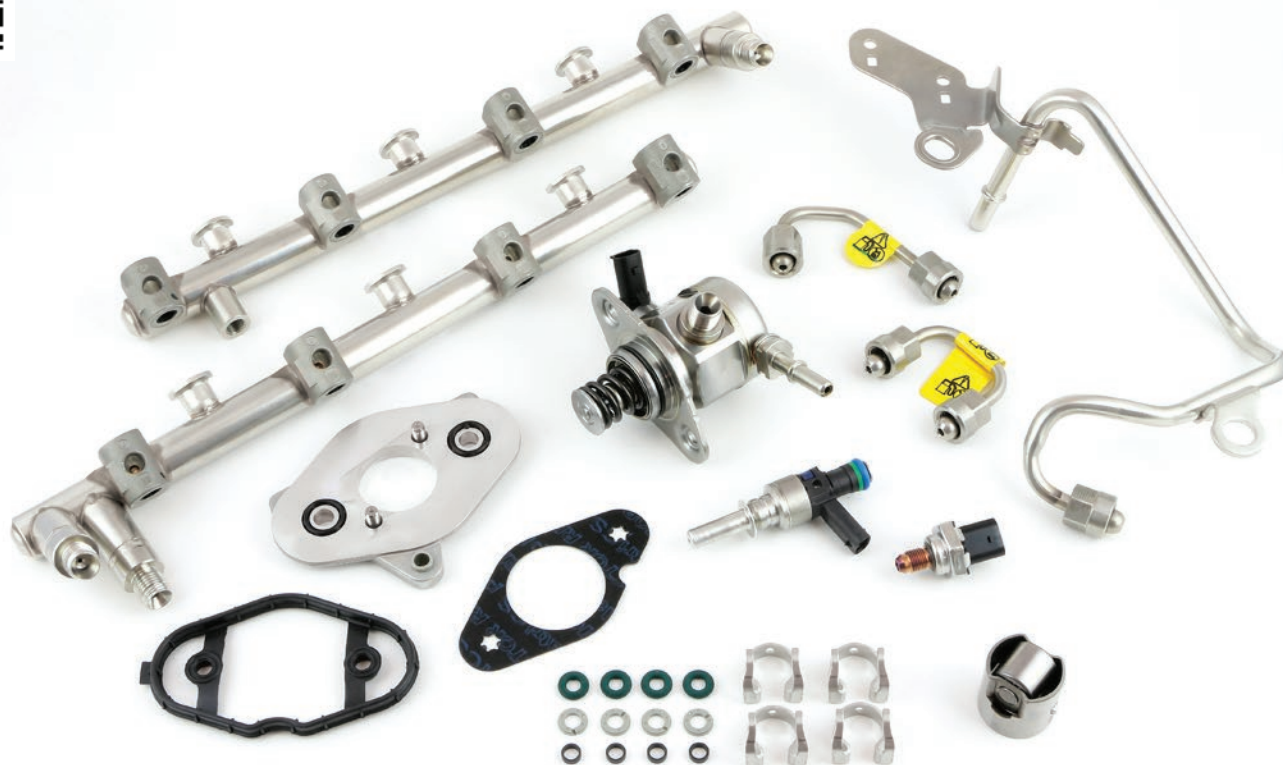
Modern vehicles have complex electronic safety systems. Every part installed must be designed and calibrated to work with these systems. Our parts are tested on vehicles to make sure safety systems like Automated Braking and Electronic Stability Control work as designed.



### 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 say, we're more than just a part in the box.





**STANDARD®**

## Gasoline Direct Injection Program

GDI systems operate at up to 2,000 psi, making the fuel pumps, lines, fuel pressure sensors and seals just as prone to wear and contamination as the injectors. Standard's GDI line is made up of over 150 Injectors, and includes the related parts your customers need for a complete GDI service.

### THE STANDARD® GDI PROGRAM INCLUDES

- High Pressure Fuel Pumps**
- Fuel Feed Lines**
- Fuel Pressure Sensors**
- O-Rings, Gaskets, and Plates**
- Injector Seal & Service Kits**
- Camshaft Followers**

**500+**  
**PART NUMBERS**

The industry's most  
complete GDI Program

**100%**  
**NEW, NEVER  
REMANUFACTURED**

Standard® GDI Injectors  
are always new, never  
remanufactured



Precision engineered and tested  
for optimal performance and  
fuel economy





**STANDARD®**

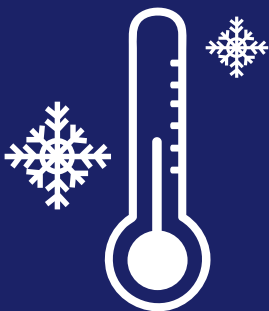
## Oil Filter Housing Assemblies

Standard® Oil Filter Housing Assemblies come assembled from the factory and include everything technicians need. Standard® Assemblies include new oil temperature and oil pressure sensors, and each includes new gaskets, seals and hardware. The oil filter and cap are exact OE-match and come already installed. The synthetic housing material matches the OE to maintain the same heat-dissipating characteristics helping to keep the oil cool and the engine operating as designed.

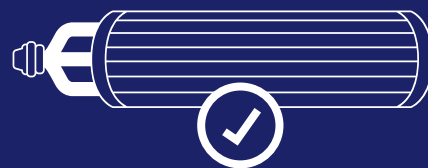
**Oil Cooler  
Expansion  
in 2023**



**Factory-assembled,  
drop-in replacement**



**Installed oil cooler and  
high-temp synthetic housing  
help keep the oil cool**



**Assembled with the correct,  
vehicle-specific oil filter**



# 100+

NEW Turbo Parts released in 2022



**STANDARD®**

## Turbocharger Kits

Turbochargers are becoming more common on today's vehicles, and Standard's complete program allows you to provide your customers with the parts they are looking for. Standard's new, no-core Turbocharger Kits include the gaskets and fasteners technicians need, and our Drop Ship Program makes sure they get it quickly.

THE STANDARD® TURBOCHARGER KIT PROGRAM INCLUDES

**Actuators**

**Coolant Lines**

**Boost Sensors**

**Oil Drain Tubes**

**Boost Solenoids**

**Oil Lines**

**Wastegate Solenoids**

**Gasket Sets**

**Bypass Valves**

**Charge Air Coolers**

**Speed Sensors**



Includes gaskets and hardware for a complete repair

# 140+

TURBOCHARGER KITS AVAILABLE

Coverage for gas and diesel, domestic and import applications

## DROP SHIP PROGRAM



Drop Ship Program available on all Turbocharger Kits



## WHAT'S NEW

# Blue Streak®

Blue Streak® always gives technicians more. More performance, more durability over the OE design, and more components in the box to do the job right. Blue Streak® Heavier-Duty Ignition Coils and VVT components are engineered to address OE weak points for improved performance.

**2023 Expansion  
Cam Sensor Kits,  
VVT Solenoid Kits,  
Heavier-Duty Ignition  
Coils & Kits**



## THE BLUE STREAK® PROGRAM INCLUDES

**Heavier-Duty Ignition Coils**

**Heavier-Duty Ignition Coil Kits**

**VVT Solenoids & Sprockets**

**VVT Solenoid Kits**

**Complete VVT Service Kits**

**Blower Motor Resistor Kits**

**Camshaft Sensor Kits**

**Knock Sensor Kits**





**STANDARD®**

## TPMS Program

Standard's TPMS Program includes QWIK-SENSOR® Multi-Frequency Sensors and OE-Match Sensors, providing coverage for 99% of the vehicles on the road. Our multi-frequency QWIK SENSOR® helps reduce inventories by covering multiple applications. Pre-programmed from the factory and with over 220 numbers, Standard® OE-Match Sensors help save technicians time.

**99%**  
**Coverage**



## THE STANDARD® TPMS PROGRAM INCLUDES

**Electronic Service Tools**

**TPMS Valves**

**Sensor Service Kits**

**Valve Cores**

**Valve Service Kits**

**Sensor Cradles**



# NEW Kits to Keep Your Customers Connected

## Park Assist Sensor Connector Kit

5 of the most popular Park Assist Sensor Connectors, covering 95 million vehicles

Includes 64 total connectors

Perfect for collision repair facilities and automotive service providers

*Collision or corrosion, Park Assist Sensor Connectors are easily damaged*



PPS1K

## Electrical Connector Kit

16 Top Wire Pigtail and Socket numbers – includes late-model coverage

Perfect assortment for any technician or repair facility

Storage box features an easy-to-read identification card for convenient re-order

Gives technicians the parts they need to help save time



STA35



**STANDARD®**

# Emission Control Program

In addition to an industry-leading EVAP program, Standard® also offers products for both crankcase and exhaust gas emissions. Keeping an emission system operating as designed is critical for performance and fuel economy. All of Standard's emission products are manufactured and tested to keep today's complex emissions systems functioning properly.

**Category  
Expansion  
in 2023**



## THE STANDARD® EMISSION CONTROL PROGRAM INCLUDES

**PCV Valves**

**PCV Grommets**

**Engine Oil Separators**

**EGR Valves**

**EGR Control Solenoids**

**Crankcase Breather Hoses**

**Crankcase Filters**



**STANDARD®**

## New and Growing Categories

### Power Sunroof Motors

Standard's new line of Power Sunroof Motors are entirely plug and play, with no programming required

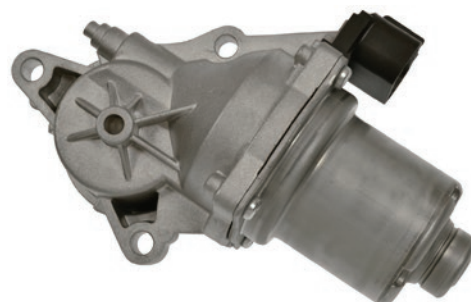
**NEW CATEGORY**



### Transfer Case Motors

Standard's new Transfer Case Motor program also includes Transfer Case Switches, Relays, Temperature Sensors and Connectors

**NEW CATEGORY**



### Parking Brake Actuators

Standard® now offers Parking Brake Actuators for many popular applications and will be expanding the category in 2023

**NEW CATEGORY**

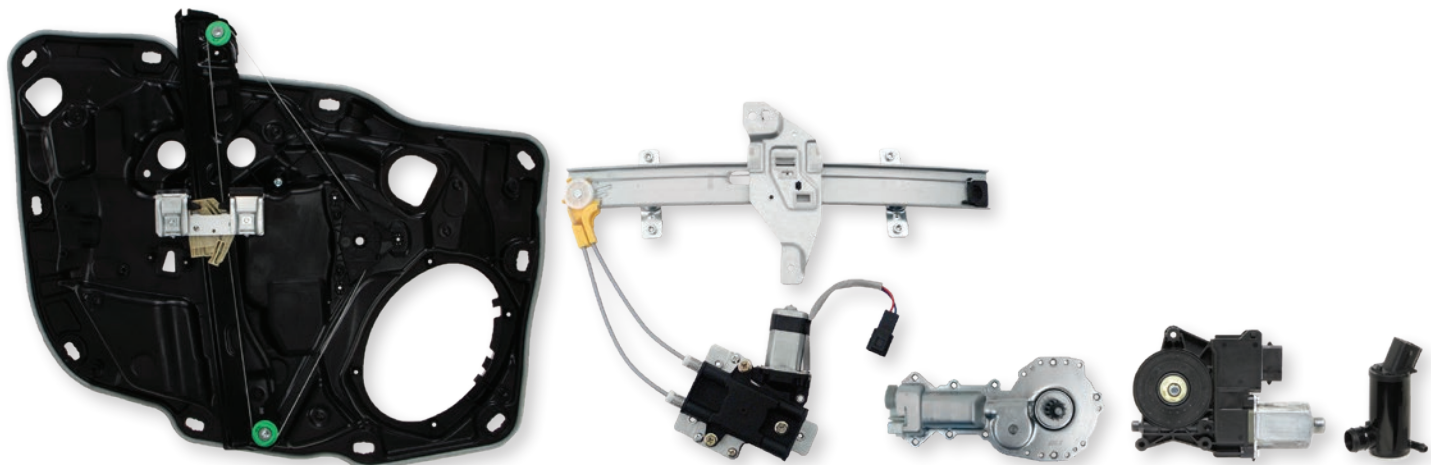


### Mass Air Flow Sensors

Standard® offers over 280 Mass Air Flow Sensors, and over 60% are complete assemblies

100% new, not remanufactured





**ACI®**

## Window Lift & Washer Pump Coverage

ACI®, established over 40 years ago, is a pioneer in the development of automotive windshield Washer Pumps and Window Lift products for the automotive aftermarket. During this time, ACI has been the industry leader in providing the most complete product offering combined with “best-in-class” quality, engineering and design. Our engineers have over 85 years of combined experience in the development and design of window lift products. ACI’s expanded offering and exclusive coverage defines the meaning of a Full-Line Supplier.

### ACI® FULL-LINE PRODUCT OFFERING

**Window Lift Motors**

**Power Window Motor & Regulator Assemblies**

**Power & Manual Window Regulators**

**Windshield Washer Pumps**

**Door Handles**

**Trim & Installation Tools**

## Testing and Validation

ACI® prides itself on validating each product in-house with our vast library of original automotive doors and testing equipment to ensure a part that meets or exceeds the OE.

Our intensive product validation process has allowed ACI® to maintain its position as the quality leader in this category. Every ACI® window lift product undergoes a series of 9 tests requiring up to 4 weeks to complete. Our extensive durability test is equivalent to the driver opening and closing the window 5 times a day for 7 years.

**ACI® ....Quality and Coverage You Can Trust**





Aluminum



Mechanical



Copper/Brass  
Crimp Tank



Copper/Brass  
V-Cell

FOUR SEASONS®

## Heater Cores

**Industry-leading coverage and quality from the largest HVAC supplier in the market.**

Due to the location of the heater core on most vehicles, a technician may be required to spend several hours removing the dash to even start the job. Four Seasons® Heater Cores are leak, pressure and vibration tested to ensure problem-free operation, and are designed for direct-fit replacement.

FOUR SEASONS®

## Motor Resistor Kits

Four Seasons® Motor Resistor Kits feature a quality direct-fit blower motor, resistor and harness connector in a single carton. These problem solving kits are application specific and designed to reduce warranty by providing all of the electrical components that commonly fail together when replacing a blower motor.

EXPANDED  
COVERAGE



### Includes

- Four Seasons® Quality Blower Motor
- Resistor
- Harness Connector

### Did You Know?

Blower motor replacement can be a time consuming and difficult process due to its location under the dash. Often times an undiagnosed resistor may be to blame for premature motor failure. **Four Seasons® Motor Resistor Kits contain the necessary components for a successful, long-lasting repair!**



**PAC-KITS®**

# A/C Kits Program

PAC-Kits® prepackaged A/C kits are assembled and shipped in one convenient package with the quality components you need to do the job right the first time. These application-specific kits offer exact-fit parts with no substitutions or repair shortcuts, and provide coverage for the most popular vehicles on the road today, including dual and hybrid vehicle A/C systems.

## THE PAC-KITS® A/C KITS PROGRAM INCLUDES:

**Compressor** (Complete Kit Only)

**Accumulator / Drier**

**O-Ring & Gasket Kit**

**Expansion Device**

**Oil**

**Cap & Valve Kit**

**Tamper Evident Straps**

**Underhood Service Label**

**Optimized Packaging**

## FOUR SEASONS® OFFERS TWO CONVENIENT PAC-KITS® OPTIONS FOR GUARANTEED RELATED ITEM SALES

NEW  
EXPANDED  
COVERAGE!

### PAC-KITS® A/C Service Kits



**500  
SKUs**

**Covering Over  
215 Million VIO**

Already have a compressor in stock? Choose the PAC-Kits® A/C Service Kit, a compressorless kit that offers flexibility, whether your customer requires a premium new compressor or wants the same quality with savings in a remanufactured unit.



### PAIR WITH

**New Compressor**



**OR**

**Reman Compressor**



NEW  
EXPANDED  
COVERAGE!

### PAC-KITS® Complete A/C Kits



**800  
SKUs**

**Covering Over  
210 Million VIO**

Need all the parts for the repair? Choose the PAC-Kits® Complete A/C Kit and save time by eliminating the need for multiple orders for each component.



HAYDEN®

# 2023 Electronic Fan Clutch Promotion

Mix & Match February 1<sup>ST</sup> - April 30<sup>TH</sup>  
**BUY MORE, SAVE MORE**

**15%** OFF  
WHEN YOU  
BUY 30

**12%** OFF  
WHEN YOU  
BUY 25

**10%** OFF  
WHEN YOU  
BUY 20

Gear up for the season with Hayden® Automotive's mix-and-match promotion featuring special pricing on our top-selling electronic fan clutches.

***Premium Quality and Coverage from the Leader in Automotive Cooling***

See your SMP Sales Representative for more information.



**MIX & MATCH**

Up to 30 units for maximum discount.



Maximum of four orders.



**EFC2023**  
SPECIAL DISCOUNT CODE



A new, free, live-virtual technical series from Standard® Pro Training

## 2023 Online Training Schedule

		
January	Heater Core Best Practices	Diagnosing Low Power Concerns
February	Servicing VVT Systems	ADAS Calibration Tips from the Pro
March	Active Grille Shutters	Air Fuel Sensor Operation and Diagnostics
April	A/C Best Practices	Diagnostic Puzzles 10
May	Drive by Wire Technology	Diagnosing Modern HVAC Systems
June	Cam and Crank Sensors	Understanding LIN Networks
July	EVAP Systems	Advanced Scan Tool Diagnostics
August	Servicing Electric Vehicles	Diagnostic Puzzles 11
September	Transmission Cooling	'90s Diagnostics
October	Transmission Cooling	Using Mode \$06 for Diagnostics
November	GDI Technology	Toyota VVT Diagnosis
December	Diesel Emissions	Diagnostic Puzzles 12

**PRO  
TRAINING**  
ON-SITE

**PRO  
TRAINING**  
LIVE VIRTUAL

**PRO  
TRAINING**  
ON-DEMAND

**MASTERS  
SERIES**



Explore the Standard® Advantage at [StandardBrandTraining.com](https://StandardBrandTraining.com)

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