

SWITCHES AND RELAYS

Highlights

1

Standard® offers nearly 10,000 high-quality Switches and Relays in hundreds of categories

2

Standard® has more than 400 Oil Pressure Switches, representing 389M repair opportunities

3

Most switches and relays are entirely powertrain neutral, meaning they fit gas, diesel, hybrid and electric vehicles



What's in your box?™



When OE Fails . . . Trust Standard®

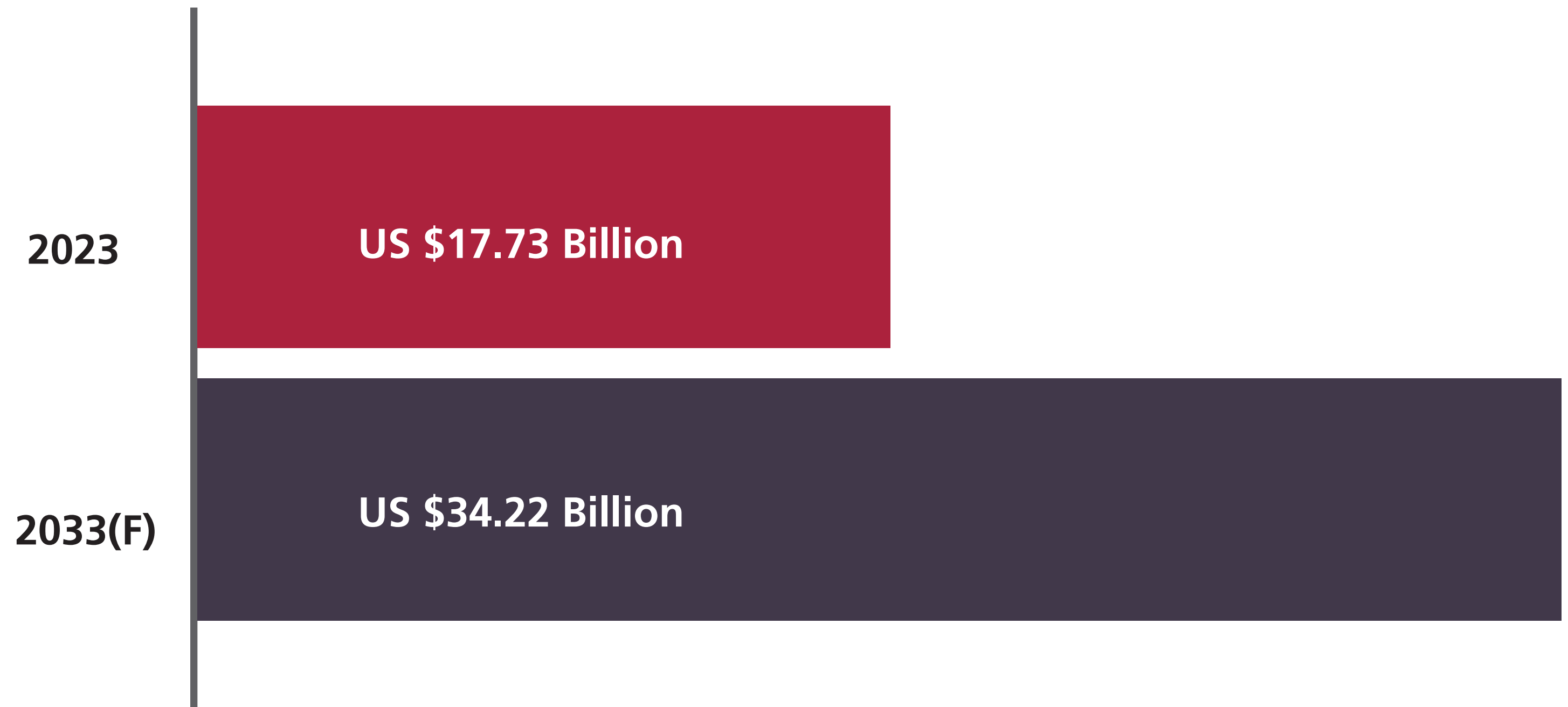
StandardBrand.com

Growing Market

The world's leading research companies agree, the demand for automotive switches will experience solid growth in the coming years.

Electronic Safety Systems, enhanced infotainment features, and alternative powertrains all add to the complexity of the electrical systems on vehicles. As the loads on electrical systems increase, the performance of switches and relays will be more critical than ever before.

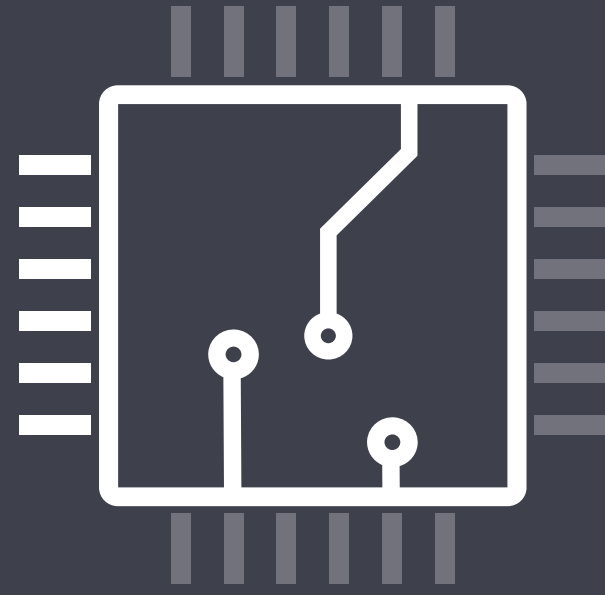
Global Automotive Switches Market, 2023 to 2033



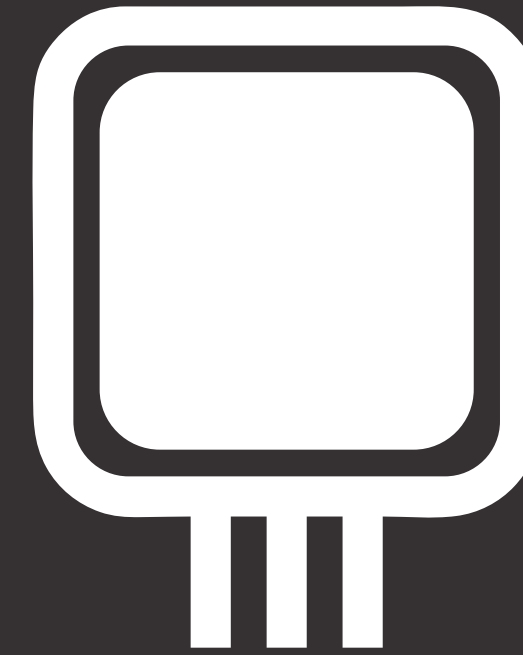
The Global Automotive Switch market is expected to almost double from 2023 to 2033.

- Fact.MR, 2023

Impact on Engine Systems



Many switches such as an ignition switch or a brake switch have multiple outputs, so just because one output works, it doesn't mean that all work properly — Test each circuit individually



Anytime a load-bearing electrical device fails, it is highly recommended to also replace the corresponding relay — It is good insurance on the new part



Newer brake switches are more than a simple on/off switch, so they need to be calibrated after they are replaced — Failure to do so will affect the starting, the start/stop system, ABS system, and electronic throttle control system

Your Complete Program

Standard® offers thousands of precision-engineered Switches across multiple categories. Our Switches are designed for both reliability and correct performance in all conditions.

Visit StandardBrand.com for more details on the Switches we offer for specific vehicles.

Standard® Switch Program

Chassis and Drivetrain Switches

- Clutch Starter Safety Switches
- Four Wheel Drive Actuator Switches
- Four Wheel Drive Selector Switches
- Fuel Pump Cut-Off Switches
- Neutral Safety Switches
- Transfer Case Switches
- Transmission Control Switches

Pressure and Vacuum Switches

- Oil Pressure Switches
- Power Steering Pressure Switches
- Transmission Oil Pressure Switches
- Valve Timing Oil Pressure Switches

Body Light Switches

- Back-Up Light Switches
- Courtesy Light Switches
- Hazard Light Switches
- Headlight Dimmer Switches
- Headlight Switches
- Instrument Panel Dimmer Switches
- Stoplight Switches
- Turn Signal Switches

Ignition Switches

- Ignition Switches with Lock Cylinder
- Ignition Push Button Switches
- Ignition Starter Switches

Interior Switches

- Cruise Control Release Switches
- Cruise Control Switches
- Fuel Tank Selector Switches
- Liftgate Release Switches
- Clock Spring Switches
- Parking Brake Switches
- Power Door Lock Switches
- Power Seat Switches
- Power Window Switches
- Remote Mirror Switches
- Windshield Wiper Switches
- Fog Lamp Switches
- Power Sunroof Switches
- Trunk Release Switches
- Vehicle Ride Height Switches
- ...and more



Your Complete Program

Standard® has more than 1,300 Relays that cover more than 200 different categories. Our complete Relay program ensures that you find the part you are looking for, with the quality and performance you expect from Standard®.

Visit StandardBrand.com for more details on the Relays we offer for specific applications.

Standard® Relay Program

AC Compressor Clutch Relays

Daytime Running Lamp Relays

Multi-function Relays

ABS Relays

Electronic Brake Control Relays

Overdrive Relays

AC Relays

Engine Control Relays

Power Door Lock Relays

Accessory Relays

Flashers

Power Window Relays

Adjustable Pedal Relays

Headlight Dimmer Switch Relays

Rear Window Defogger Relays

Air Bag Relays

Heated Mirror Relays

Rear Window Wiper Relays

All Wheel Drive Control Relays

Horn Relays

Secondary Air Injection Pump Relays

Automatic Headlight Relays

Ignition Control Module Relays

Trailer Towing Package Relays

Check Lamp Relays

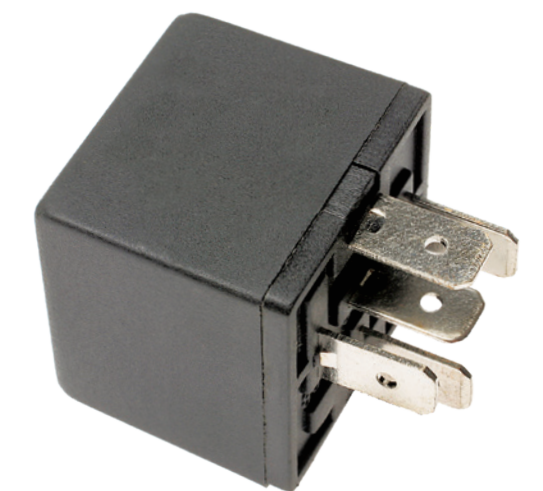
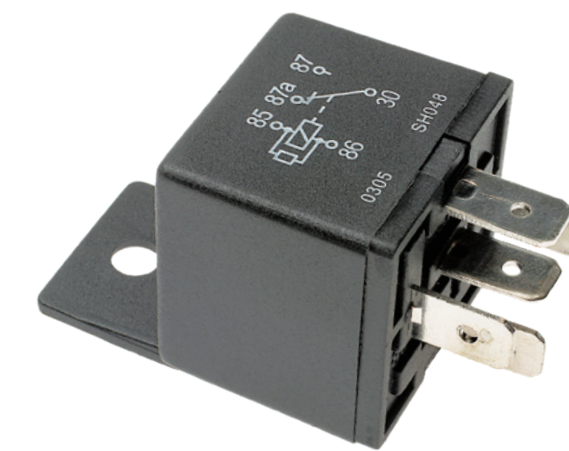
Ignition Relays

Wiper Relays

Coolant Fan Relays

Keyless Entry System Relays

...and hundreds of more applications



What's New

Oil Pressure Switches

Standard® has over 400 Oil Pressure Switches representing almost 400 million repair opportunities. Our industry-leading coverage gets better all the time with the frequent release of Switches for import and domestic vehicles.

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



PS762
Ford Trucks
(2023-20)
VIO: 368K



PS771
Chrysler / Jeep
Cars & SUVs
(2022-17)
VIO: 1.3M



PS767
GM Cars & Trucks
(2020-19)
VIO: 915K



What's New

Power Window Switches

Standard® has over 1,700 Power Window Switches, representing 700 million repair opportunities. New Power Window Switches, along with Cruise Control Switches, Power Seat Switches, and other interior Switches are being introduced regularly.

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



DWS2266
Chrysler / RAM Cars & Trucks
(2023-15)
VIO: 2.2M



DWS1585
Toyota RAV4
(2012-06)
VIO: 885K



DWS2261
Jeep Cherokee
(2017-14)
VIO: 698K



What's New

Ignition Switches

Standard® offers more than 450 Ignition Switches covering 200 million vehicles on the road. New Ignition Switches in every style are being added to make sure you have the late-model coverage you need.

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



US1511
GM Cars & SUVs
(2021-19)
VIO: 322K



US1512
GM Trucks
(2021-19)
VIO: 1.6M



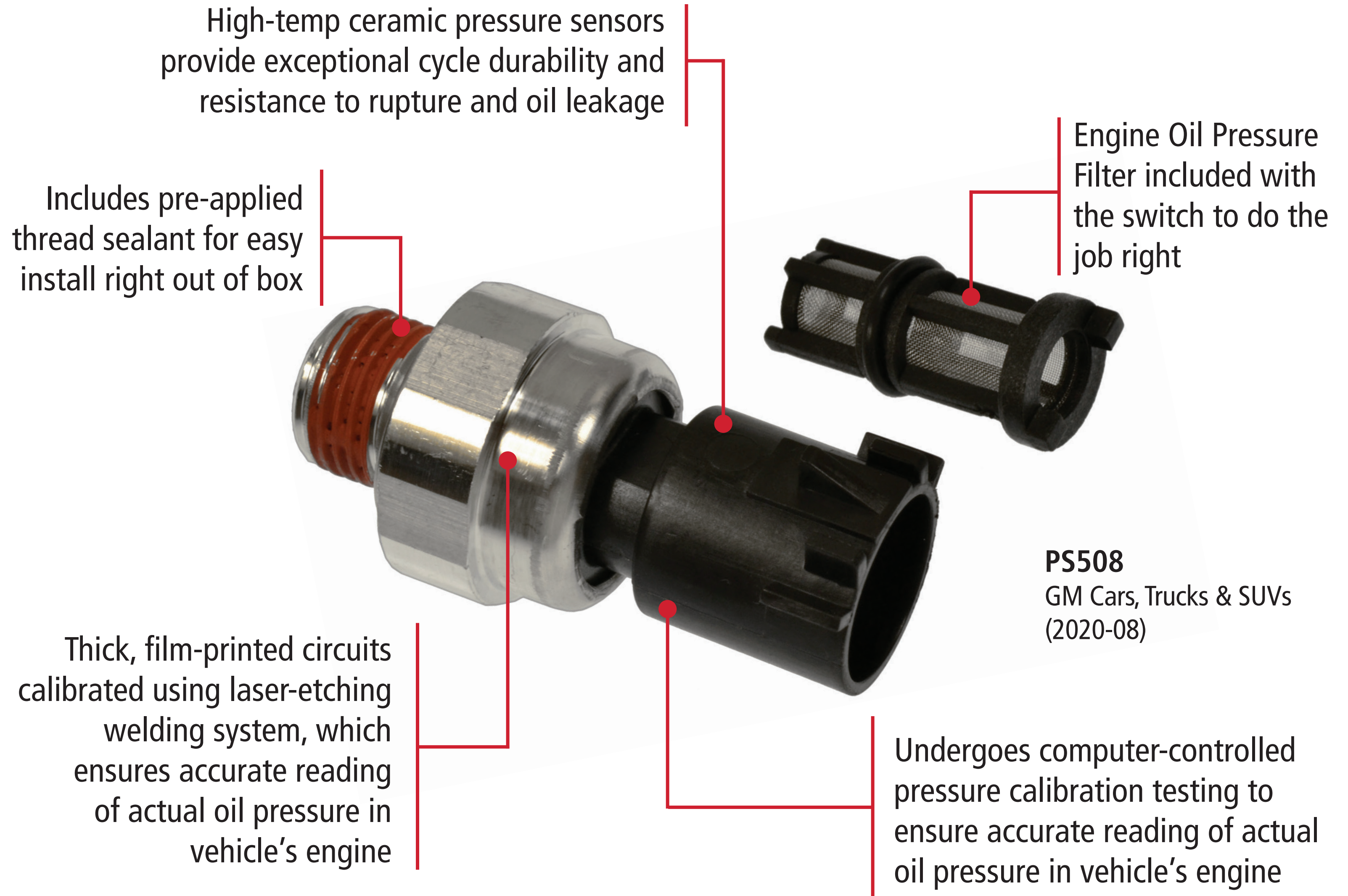
US1513
Nissan Cars & SUVs
(2023-18)
VIO: 461K



A Closer Look

Oil Pressure Switches are critical for monitoring the status and health of engines. Standard® Oil Pressure Switches undergo computer-controlled calibration to ensure precise performance in all conditions.

Standard® Oil Pressure Switches



Top Movers: Oil Pressure Switches

**IMPORT
APPLICATIONS**



PS411

Hyundai / Kia Cars & SUVs
(2021-03)



PS305

Toyota / Lexus Cars, Trucks & SUVs
(2024-93)



PS160

Toyota, Nissan, Subaru & GM
(2019-70)



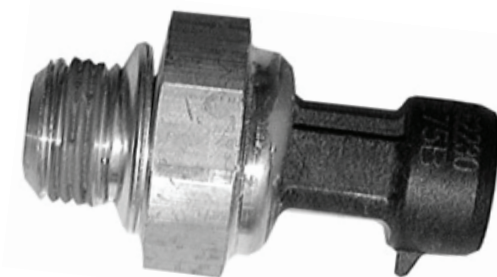
PS198

Honda / Acura Cars, Trucks & SUVs
(2019-84)



PS499

Honda / Acura Cars & SUVs
(2020-08)



PS308

GM Cars, Trucks & SUVs
(2009-97)



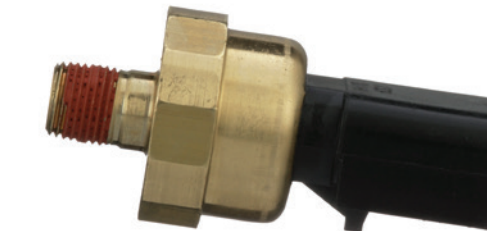
PS508

GM Cars, Trucks & SUVs
(2020-09)



PS310

GM Cars, Trucks, & SUVs
(2017-02)



PS317

Chrysler, Dodge, Jeep, RAM
(2017-99)



PS404

Chrysler, Dodge, Jeep, RAM
(2013-02)

**DOMESTIC
APPLICATIONS**



A Closer Look

Standard® Ignition Switches are a direct replacement to the original. They are designed for precise function and easy installation.

Ignition Switches are also 100% powertrain neutral, meaning they will represent service opportunities for years to come.

Standard® Ignition Switch with Lock Cylinder

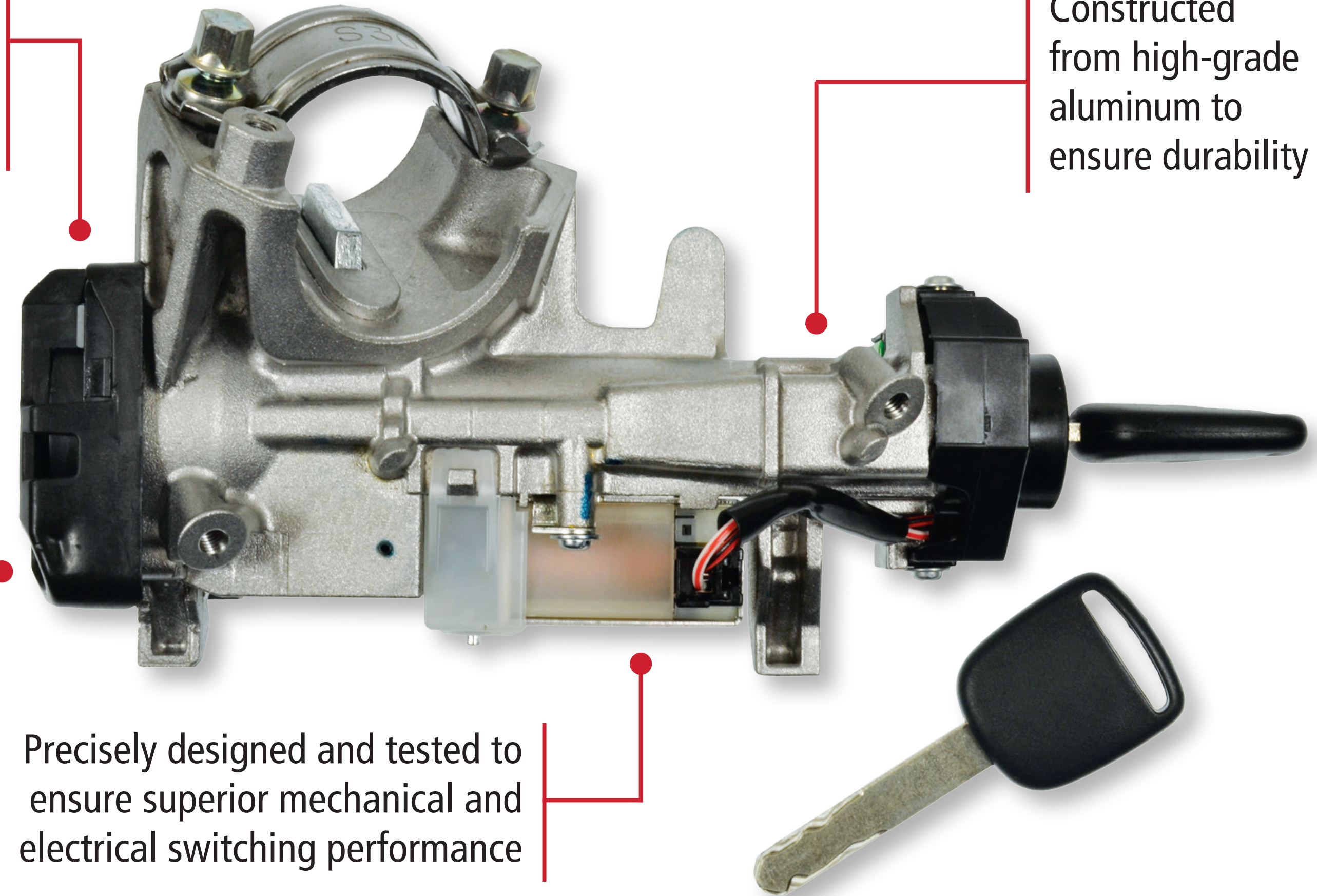
Copper alloy conductors ensure superior electrical conductivity with low resistive losses

US1154
Honda
(2013-08)

100% tested for proper fit, form, and function

Precisely designed and tested to ensure superior mechanical and electrical switching performance

Constructed from high-grade aluminum to ensure durability



Standard® also offers the newer style push button ignition switches for import and domestic vehicles



Top Movers: Ignition Switches

**IMPORT
APPLICATIONS**



US489

Honda / Acura Cars & SUVs
(2013-02)



US1010

Hyundai / Kia Cars & SUVs
(2019-10)



US150

Nissan Cars, Trucks & SUVs
(1997-86)



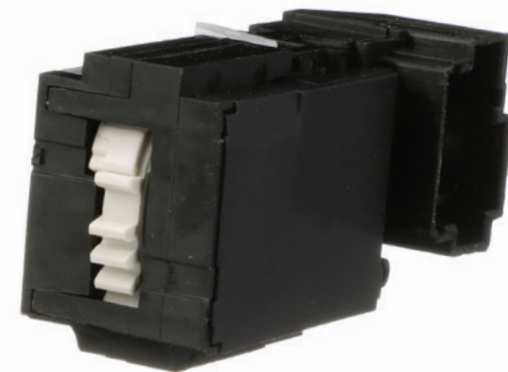
US994

Honda / Acura Cars & SUVs
(2014-08)



US1420

Volkswagen Beetle / Jetta
(2019-11)



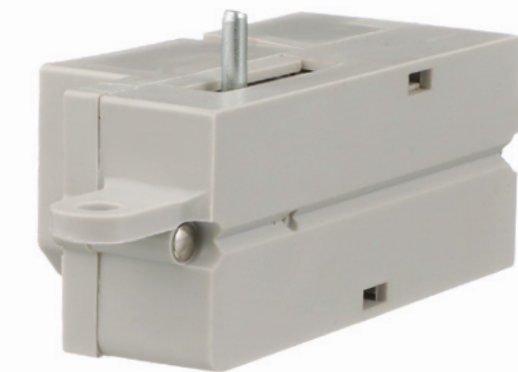
US331

GM Trucks & SUVs
(2011-01)



US431

Ford / Lincoln
Cars, Trucks & SUVs
(2019-00)



US216

Ford / Mercury
Cars, Trucks & SUVs
(2005-90)



US474

GM SUVs
(1995-89)



US521

Chrysler, Dodge, Jeep
Cars & SUVs
(2018-01)



A Closer Look

Standard® offers thousands of direct-replacement interior and driver/passenger-operated switches. All Standard® interior switches are designed and manufactured for a precise fit and correct on-vehicle performance. Interior switches are also entirely powertrain neutral.

Standard® Combination Switches

Robust design with high-grade materials meets the stringent demands of today's service professional

Direct-fit, electrically operated switch replaces damaged OE units, restoring cruise control function in the process



CBS1958
Nissan / Infiniti SUVs
(2015-07)

Copper alloy conductors ensure superior electrical conductivity with low resistive losses



Top Movers: Combination Switches

**IMPORT
APPLICATIONS**



CBS1794
Toyota Cars & SUVs
(2015-05)



CBS2305
Kia Soul
(2019-13)



CBS1006
Toyota Cars, Trucks & SUVs
(2004-98)



CBS1958
Nissan / Infiniti SUVs
(2015-07)



CBS1770
Hyundai / Kia Cars & SUVs
(2012-06)



CBS2141
Ford Trucks
(2013-11)



CBS1332
Ford / Lincoln Trucks
(2008-05)



CBS2293
Ford Trucks
(2022-15)



CBS1333
GM Cars
(2011-04)



CBS1149
GM Trucks & SUVs
(2009-01)



Top Movers: Power Window Switches

**IMPORT
APPLICATIONS**



DWS1192
Hyundai Tucson
(2017-10)



DWS407
Honda Civic
(2011-06)



DWS2004
Kia Sportage
(2017-10)



DWS1829
Kia Soul
(2013-10)



DWS1979
Kia Optima
(2013-11)

**DOMESTIC
APPLICATIONS**



DWS136
GM Trucks & SUVs
(2017-07)



DWS220
GM Trucks & SUVs
(2008-03)



DS2158
Ford / Lincoln / Mercury
Cars, Trucks & SUVs
(2008-03)



DWS1711
Chrysler, Dodge, RAM
Vans & Trucks
(2022-12)



DWS1388
Chrysler, Dodge, Jeep
Cars, Trucks & SUVs
(2017-07)



A Closer Look

Standard® Relays are the product of high-quality design, manufacturing and testing. With over 1,000 different Relays, Standard® has the Relay you want with the quality and performance your customers need.

Standard® Pro Training Tip

On StandardBrand.com, you can search "relay" and quickly filter by amperage and terminal type.

Standard® Engine Cooling Fan Module

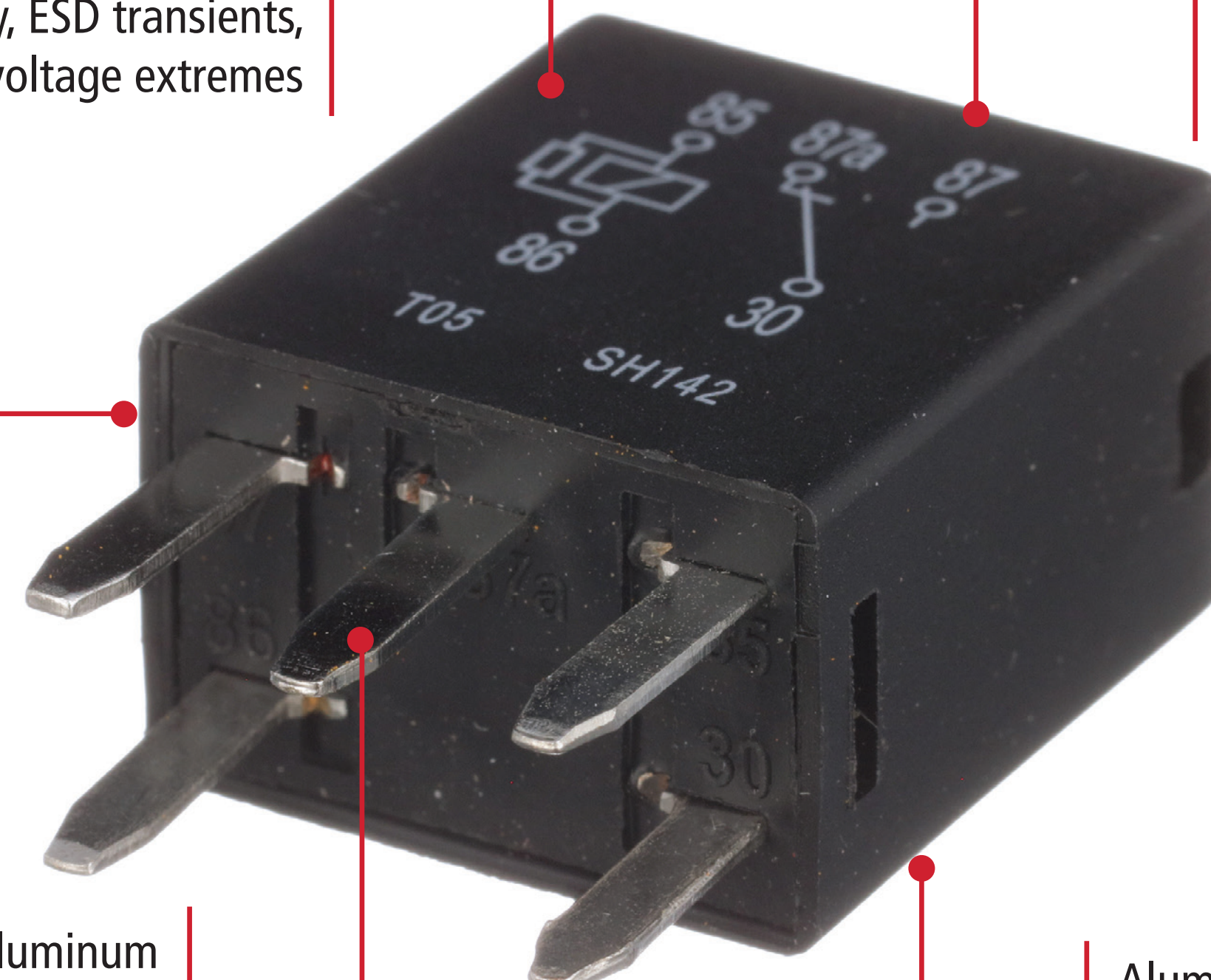
Circuitry is designed to withstand electrical over-stress conditions such as reverse polarity, ESD transients, and jump start voltage extremes

100% tested prior to shipping for continuous current load, quiescent current, voltage drop, pull-in current, voltage and hysteresis

100% tested for proper fit, form, and function

Copper terminals with aluminum inlay keep electrical resistance low and still provide benefits for wire bonding and corrosion protection

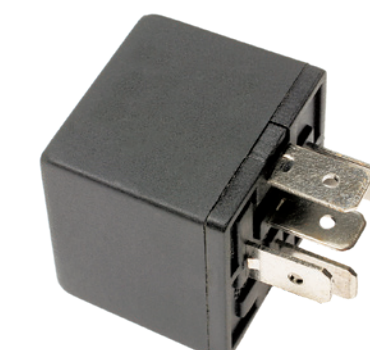
Aluminum heat sink provides excellent corrosion resistance and thermal conductivity



RY-429
Dodge / Chrysler /
Plymouth / Jeep / RAM
(2023-94)



Flashers



Accessory
Relays



Starter
Relays

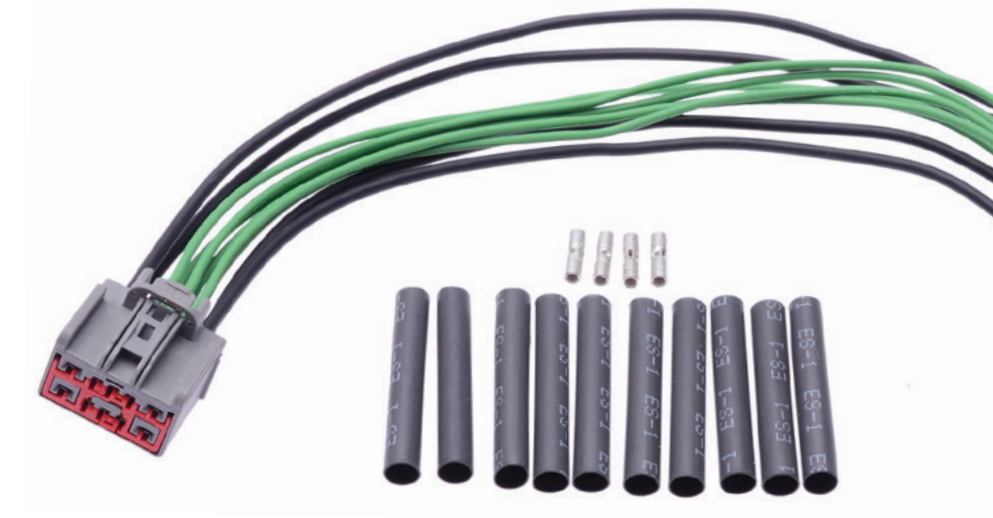


Related Parts

In addition to over 70 different types of Switches, we also offer the high-quality Connectors you need to get your customers back on the road.

To find the Connector you are looking for, visit StandardBrand.com.

Standard® Switch Connectors



Multi-function Switch Connectors

Door Jamb Switch Connectors

Door Cylinder Anti-Theft Switch Connectors

Oil Pressure Switch Connectors

Door Lock Position Switch Connectors

Coolant Fan Switch Connectors

Heated Seat Switch Connectors

Four Wheel Drive Selector Switch Connectors

Fuel Pump Cut-Off Switch Connectors

Seat Belt Switch Connectors

Fuel Door Release Switch Connectors

Coolant Fan Switch Connectors

Backup Light Switch Connectors

Clutch Pedal Switch Connectors

Shift Interlock Switch Connector

Power Take-Off Switch Connector

Torque Converter Lock-Up Switch Connector

A/C Cut-Off Switch Connector

Axle Shift Switch Connector

Fog Lamo Switch Connector

Four Wheel Drive Selector Switch Connector

Choke Heater Switch Connector

...and more



Standard® Pro Training Tech Tip

As experienced ASE-certified automotive technicians themselves, Standard® Pro Trainers are experts in engine and sensor technology. Here's what they say to look out for during an install.



Some switches are “normally open,” some are “normally closed” and others communicate data — Having a vehicle-specific wiring diagram can save time during any electrical diagnostic procedure



Many power window switches with “Auto Up” or “Auto Down” need to be relearned after replacement —It is important to look up the correct procedure, but holding the switch in the Up position for 10 seconds and then in the Down position will usually get the job done



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 600 technical and installation videos.



Available Classes

Relay Testing and Diagnosis

Labscope

Vehicle Electronic Fundamentals 1-7

Diagnosing Electronic 4WD Controls

Diagnosing Electronic Fuel Pump
Controls



Available Classes

Powertrain Electronics

Body Control Electronics Diagnosis

Labscope Power User

Domestic Anti-theft

Unleash the Power of Your Scan Tool;
Advanced Drivability Diagnostics



For information on replacing switches, search “Switches” on the **StandardBrand** YouTube channel

