

AUTOMOTIVE



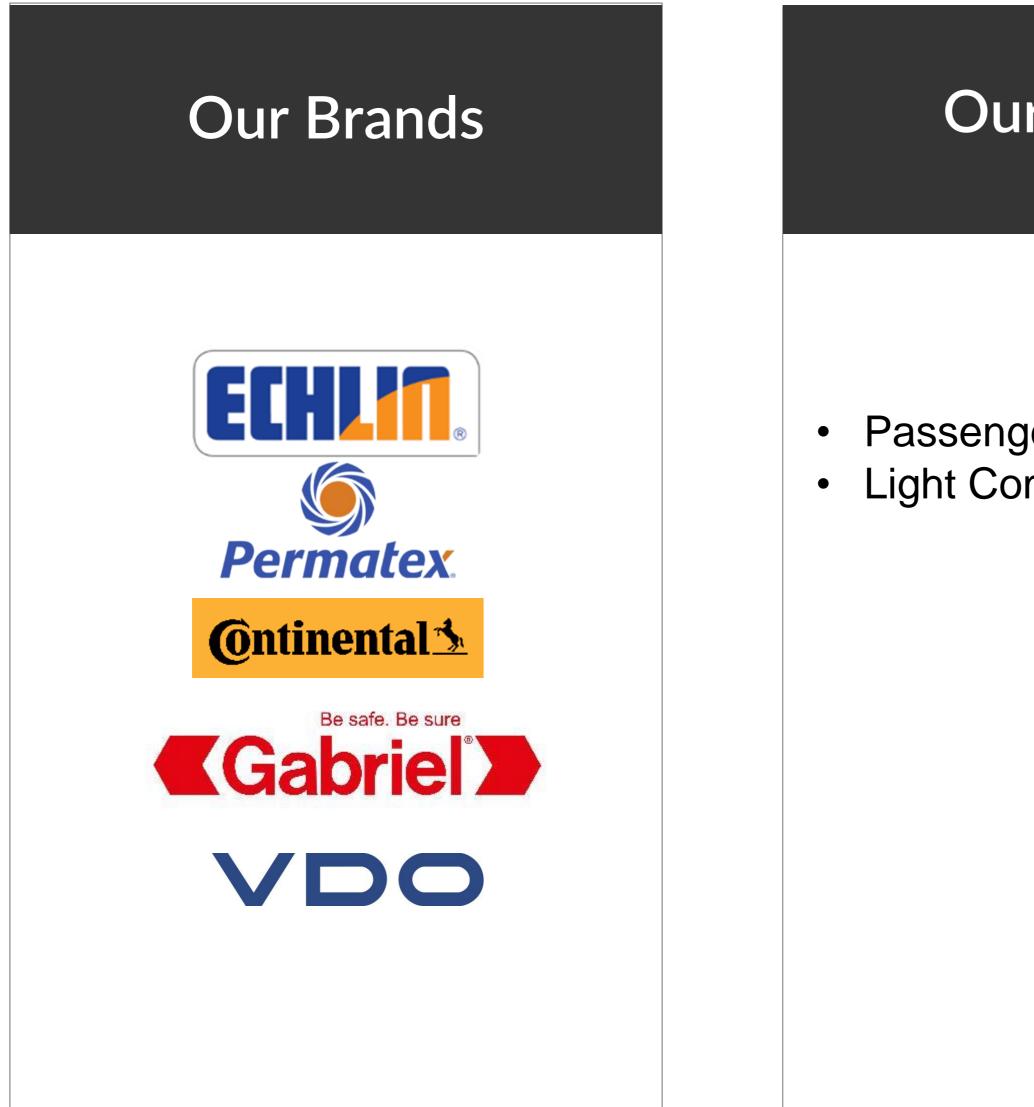


APC AUTOMOTIVE

Our Business



Overview





Our Markets

Passenger Vehicle Light Commercial Vehicle

Our Categories

- Ignition Parts
- Fuel Parts
- Cooling Components
- Wheel Bearings
- Sensors
- Switches and Senders
- Shock Absorbers
- Permatex Products
- Instrumentation
- Actuators
- Visibility Systems
- Auto Electrical New
- Filters New
- Belts & Tensiorners New

Our Brands



Proudly owned by APG

Household brand in South African workshops

Over 75 years of brand pedigree in Automotive Aftermarket

Product ranges include **Ignition Components** Fuel Components **Cooling Components** Switches & Senders Sensors Wheel Bearings Auto Electrical



Premium quality sealants and adhesives

More than 100 years of quality and innovation

OEM specified products

No 1 selling brand in this category in the USA



OE Platform Development

Latest Manufacturing technologies to ensure optimum performance

Range of products and parts to cover all market segments



Ontinental

Rugged components are ideal for tough environments

Direct replacement to original part

Worldwide distribution network

Be safe. Be sure **K**Gabriel[®]

South Africa's No 1 Shock Absorber Brand

> Over 100 Years of supplying shocks

Wide product range of products for the South Africa and African market

> Shock Absorbers Struts Gas Lifts

VDO

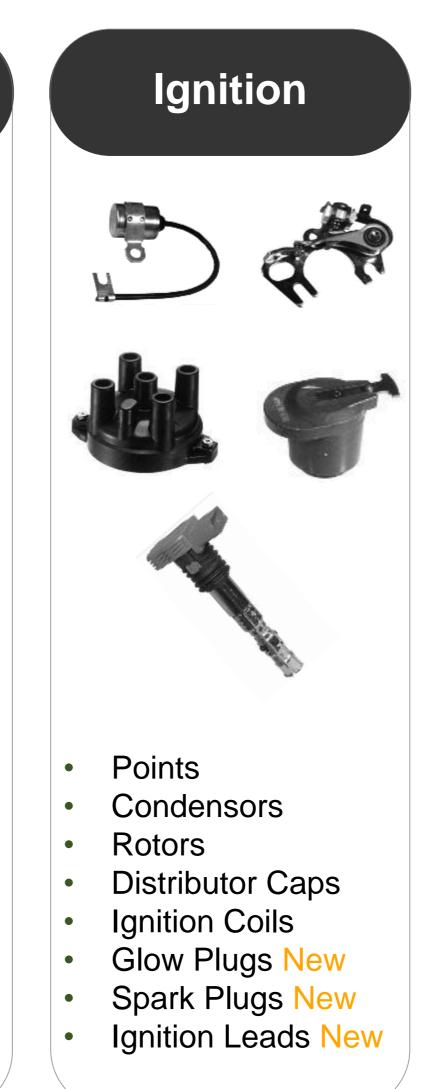
VDO is today one of the world's leading automotive suppliers and one of the largest providers of parts and services for passenger cars and commercial vehicles.

The company has been a byword for progressive electronic and mechatronic solutions since the birth of the automobile.

Our Product Categories







Fuel Systems



- Fuel Pumps
- Fuel Feed Units
- Carburettor Kits
- Fuel Injectors
- Fuel Caps
- Oil Caps

Wheel Bearings

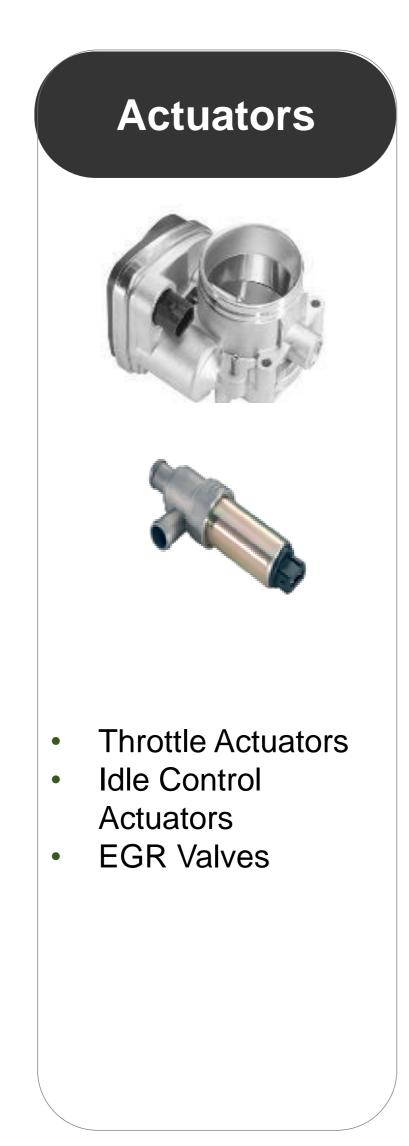




- Wheel Bearing Kits
- Hub Units



Our Product Categories



Instrumentation









- Tachometers
- Hour meters
- Ammeters
- Voltmeters
- Tank level gauges
- Pressure gauges
- Speedometers
- Temperature Gauges
- Clocks



Windshield Systems

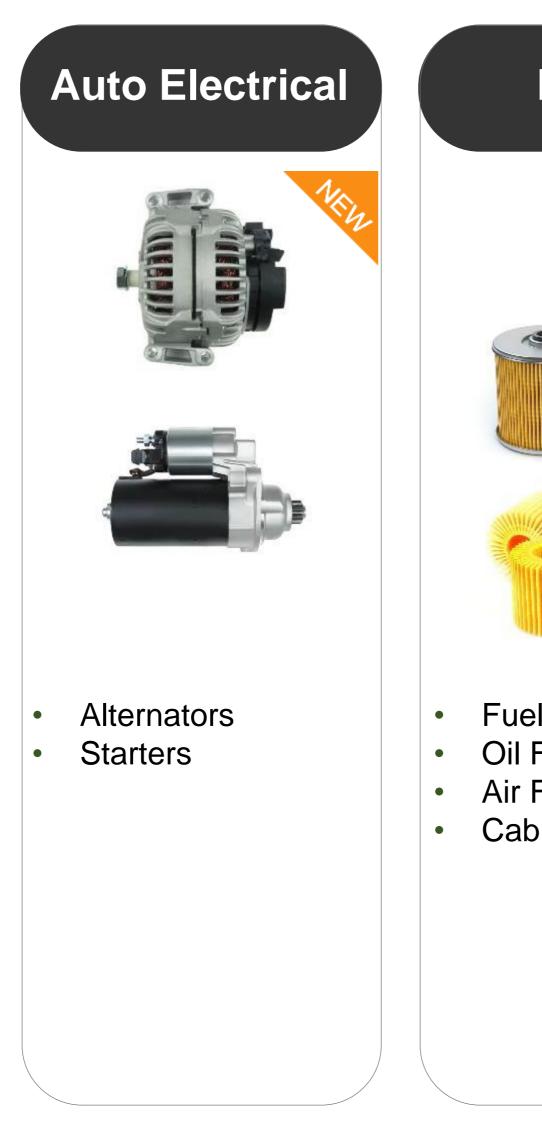


- Washer Pumps
- Washer Nozzles
- Washer Kits



- Shock Absorbers
- Strut Mounts
- Gas lifts

Our Product Categories - NEW





Filters







Fuel Filters Oil Filters Air Filters Cabin Filters



V-Belt

- Timing Belts
- Poly Belts
- Tensioner Kits

Our Product Categories













- Adhesives





Hand Care



Hand Cleaner Linpiader De Manos



- Fast Orange
- Wipes
- Hand Care
- Extended Line





Lubricants



Permatex



Anti-Seize Lubricants

Permates ULTRA SLICK ENGINE ISSEMBLY LIN

- Specialty Lubricants
- **Brake Lubricants**

Maintenance & Repair



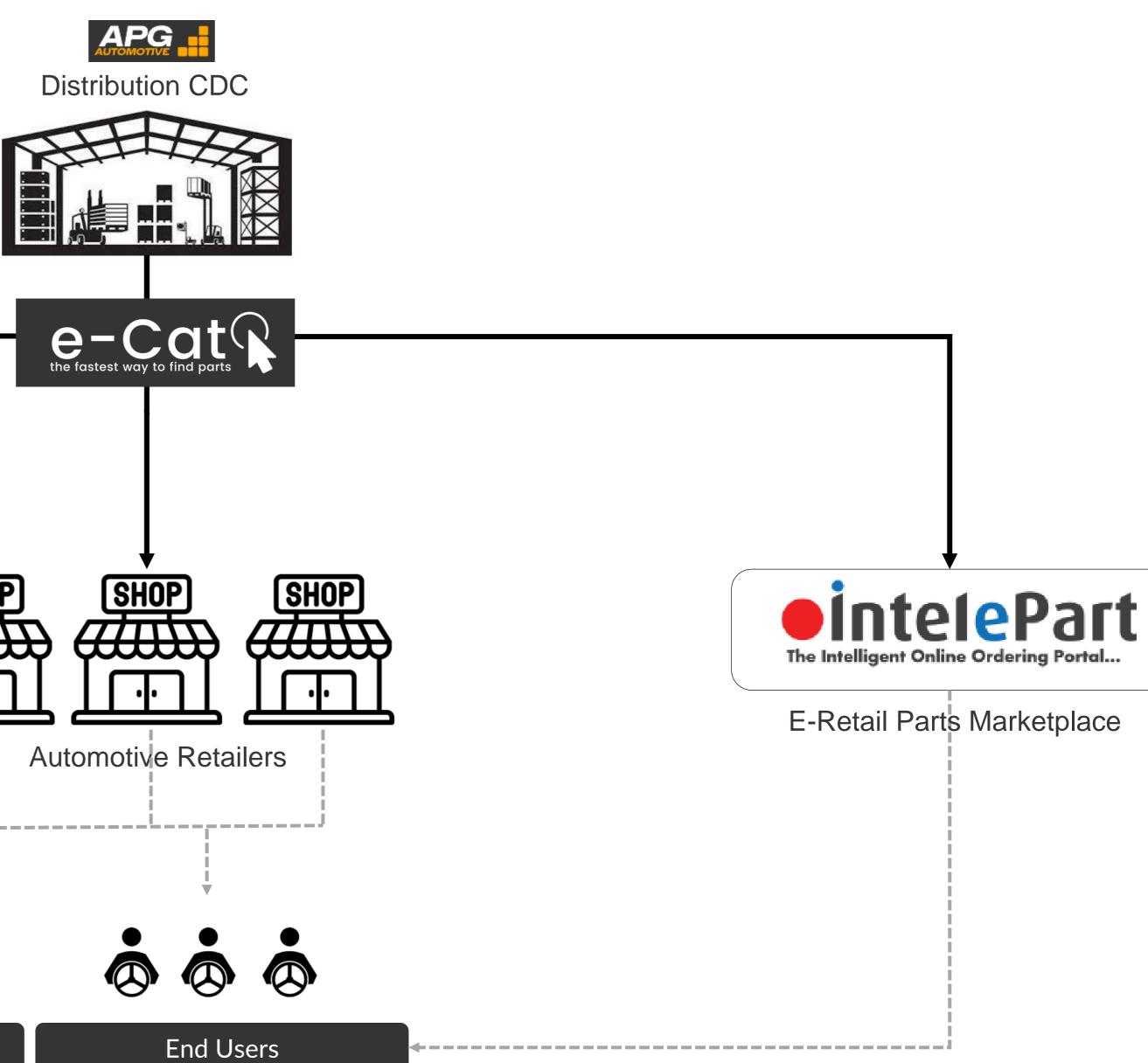


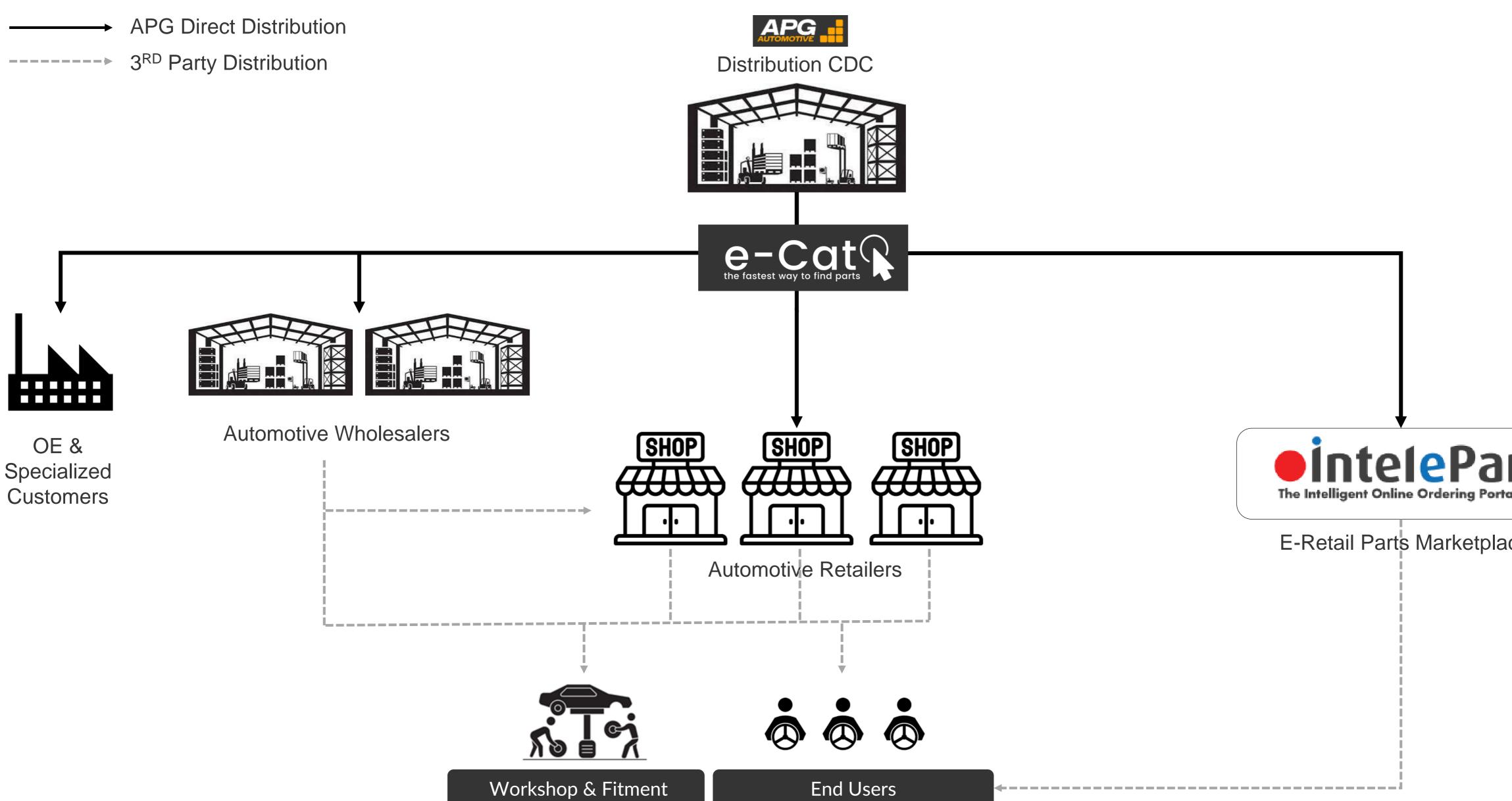
- Body & Under Bonnet
- Brake Repair
- Body Repair
- Rust Treatment
- Repair Kits
- **Rebuilders Aid**



Our Distribution

- **APG Direct Distribution**









Our Geographic Reach



Export Territories

- Namibia
- Botswana
- Mozambique
- Zimbabwe





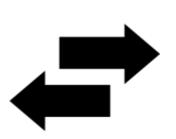
E-Cat Catalogue & E-Commerce system



On-Line Catalogue

A full featured B2B on-line catalogue & ordering systems with data and images, features & benefits





Cross References

More than 1.7m cross references currently catalogued in the system



Vehicle Applications

+ 11 500 different vehicles cross referenced to parts basket



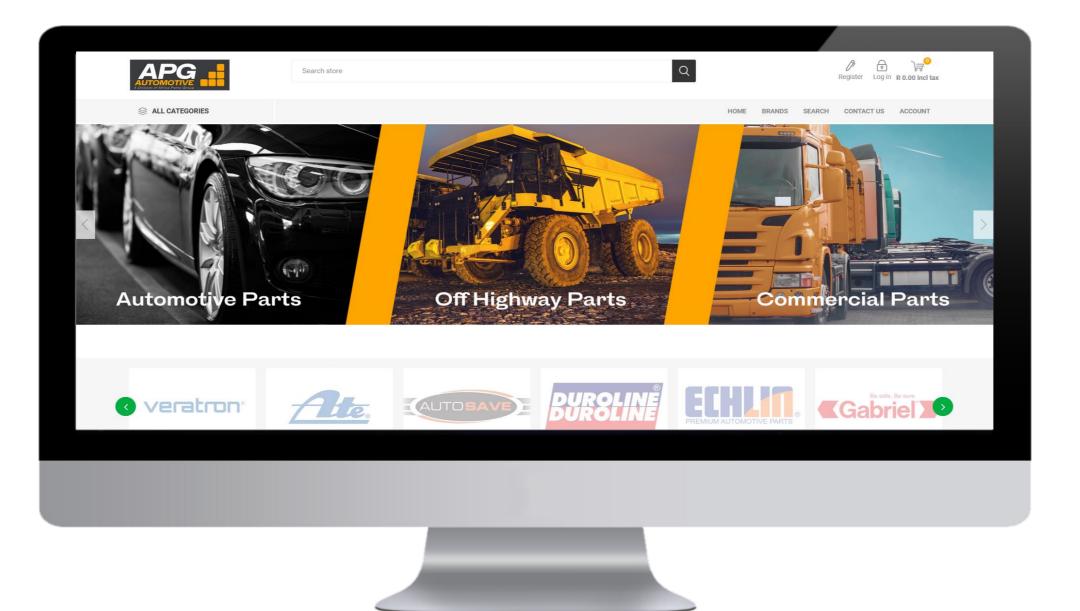
Search Engine

Fastest search engine in the Industry 0.2s



Quick Orders

Quick Order Screen





Live SOH and Pricing

Live SOH and live channel pricing per customer.



Call centre backed

Help is a call away to either help the user use the system or process an order on their behalf. Whatsapp enabled.

6 000 Parts

+ 6 000 parts on the e-Commerce platform

My Lists

Custom build lists, Favorites, Weekly/Monthly Orders

My Account Suite

Fully Integrated B2B account suite, Order Tracking, Statements, POD, Invoices











Our Team



National Sales Manager Leanne Saunders

Email: leanne.saunders@apgautomotive.co.za Office Phone: +27 (11) 627 2501/2/3 Direct Line : +27 (11) 627 2524 Mobile: +27 82 857 0558



Product Manager Gary Walker

Email: gary.walker@apgautomotive.co.za Office Phone: +27 (11) 627 2501/2/3 Direct Line : +27 (11) 627 2529 Mobile: +27 83 236 8922



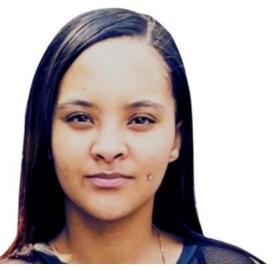
Email: casey.rabie@apgautomotive.co.za Office Phone: +27 (11) 627 2501/2/3 Direct Line : +27 (11) 627 2521 Mobile: +27 83 755 3162





Internal Sales & Support Nicolene Pape

Email: nicolene.pape@apgautomotive.co.za Office Phone: +27 (11) 627 2501/2/3 Direct Line : +27 (11) 627 2537 Mobile: +27 78 211 1927



Internal Sales & Support Casey Rabie



Internal Sales & Support Ralph Morgan

Email: ralph.morgan@apgautomotive.co.za Office Phone: +27 (11) 627 2501/2/3 Direct Line : +27 (11) 627 2543 Mobile: +27 83 267 6514

Contact Us





Address

Unit D, Pomona Precinct, 300 Elgin Road Pomona, South Africa



Contact Info

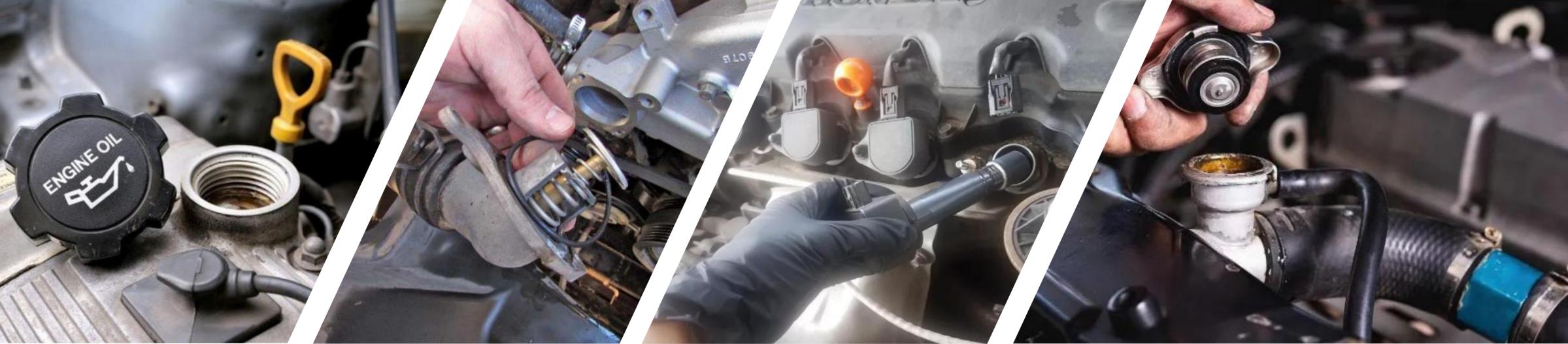
Email: info@apgautomotive.co.za Web: www.apgautomotive.co.za



Telephone

Office Phone: +27 (11) 627 2500





ECHIUM AUTOMOTIVE PARTS







- 1949
- 1972
- 1977
- 1979
- 1985
- 1995
- 1996
- 1999
- 2007
- 2014
- 2019

Hyalco Manufacturing started Echlin Inc. acquired 92% of Echlin Manufacturing (Pty) Ltd (Hyalco) ACSA was founded as a distributor of Echlin S.A.E.C was acquired Motorola was acquired ACSA and Echlin was formed into one entity, ACSA-Mag PJ Manufacturing was acquired Dana acquired 100% of the shares **Control Instruments acquires Dana** Torre Acquires Control Instrument **APG Acquires Torre**





Brand History



















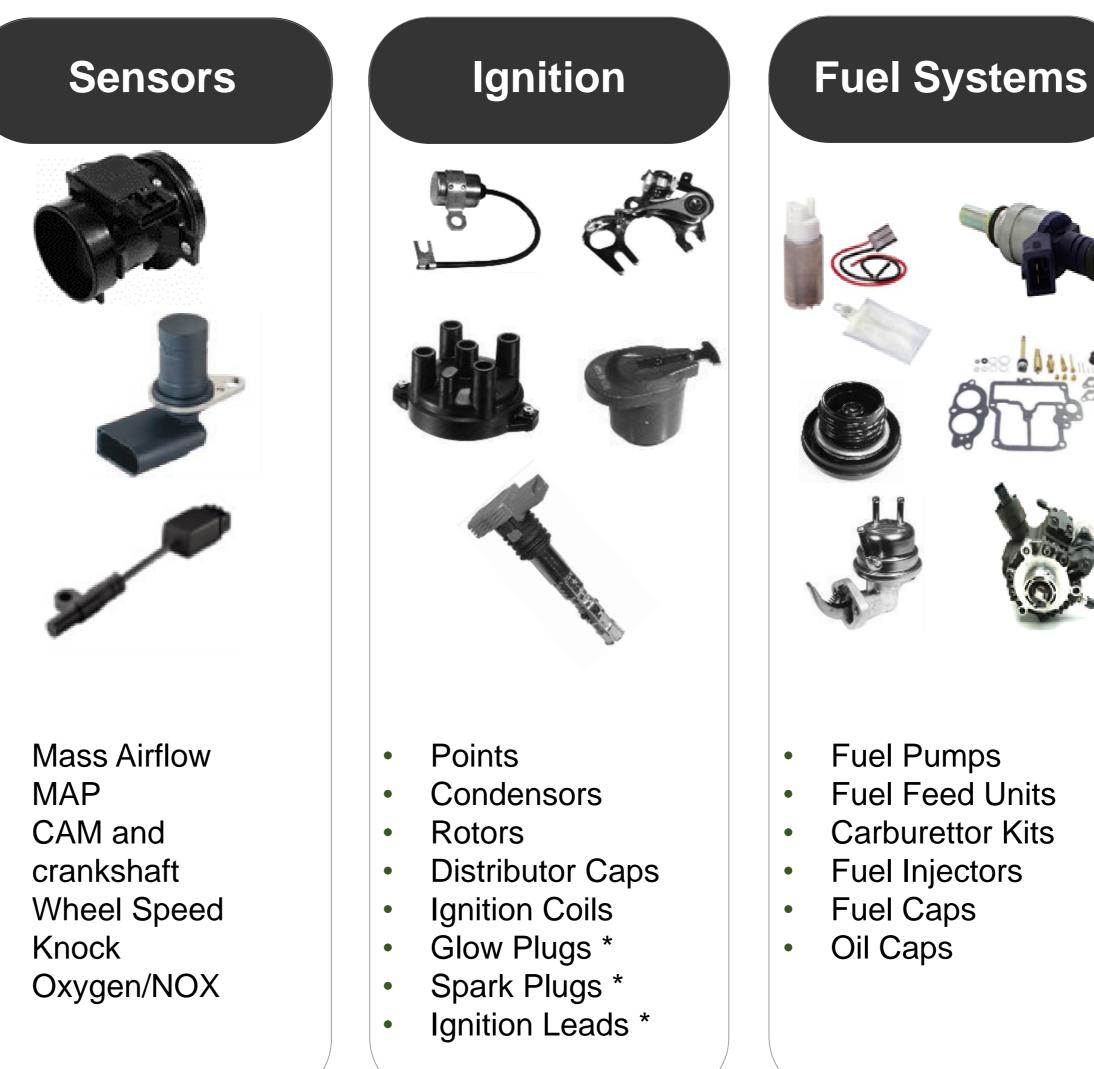
Echlin Product Categories



Switches & Senders



- Pressure
- Temperature •
- Tank level
- Fan
- Indicator
- Head Light
- Tail Light
- **Clutch Control**
- Cruise Control





Wheel Bearings





- Wheel Bearing Kits
- Hub Units



NEW Echlin Product Categories











Thermostats

- No of References: 495
- New Releases : 208

Radiator & Expansion Tank Caps

- No of References: 83
- New References : 3

Water Pumps

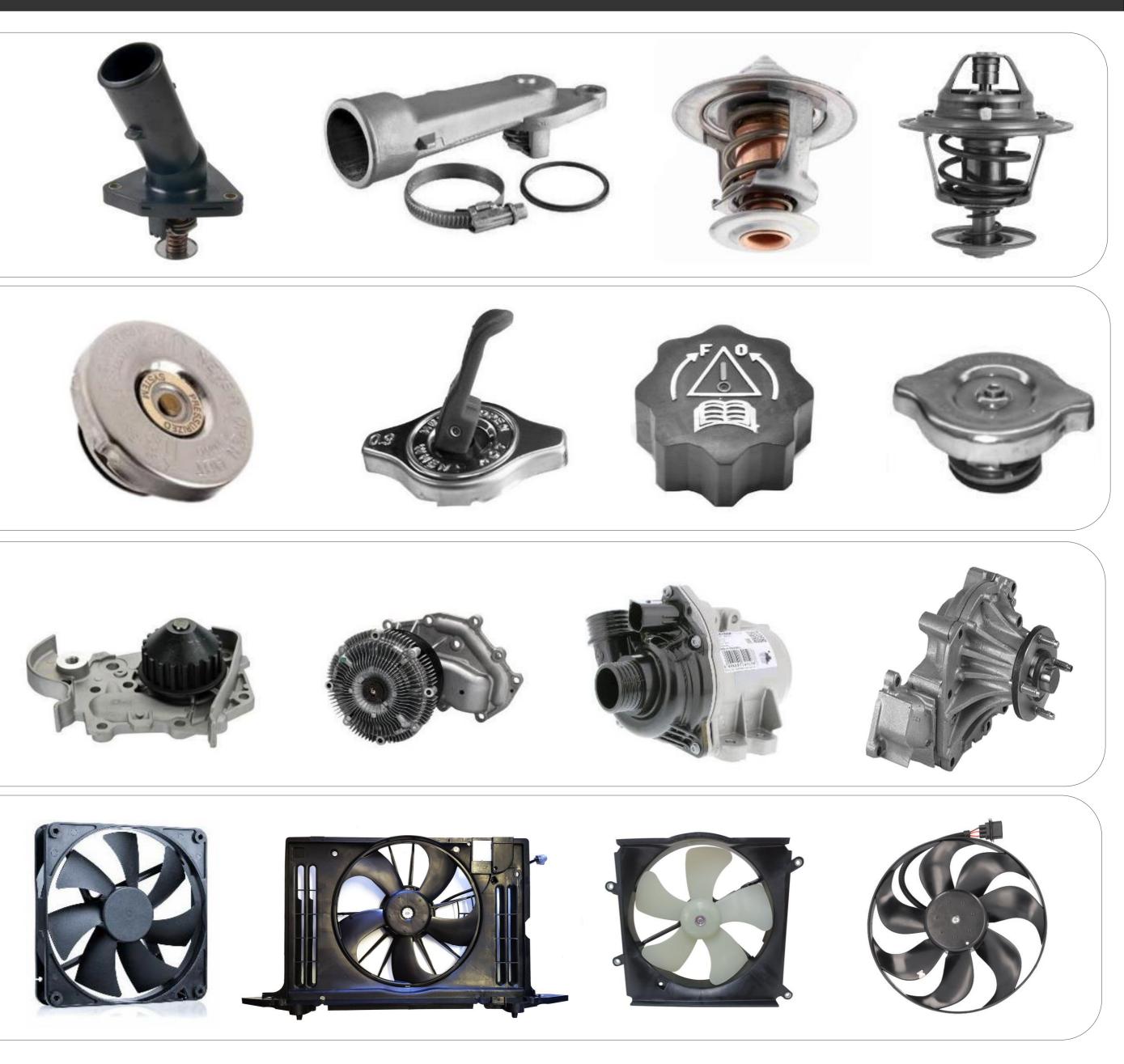
- No of References: 1380
- New Releases : 927

Radiator Fans (New)

- No of References: 0
- New Releases : New

Cooling Components









Carburettor Kits

- No of References : 128
- New References : 0

Fuel Pumps, Feed Units & Regulators

- No of References : 380
- New References : 135

Fuel & Oil Filler Caps

- No of References : 85
- New References : 9

Fuel Injectors (New)

- No of References : 0
- New References : NEW

Fuel Components









Points & Condensors

- No of References : 64
- New References : 0

Rotors, Leads and Distributors Caps

- No of References : 206
- New References : 0

Ignition Coils and Modules

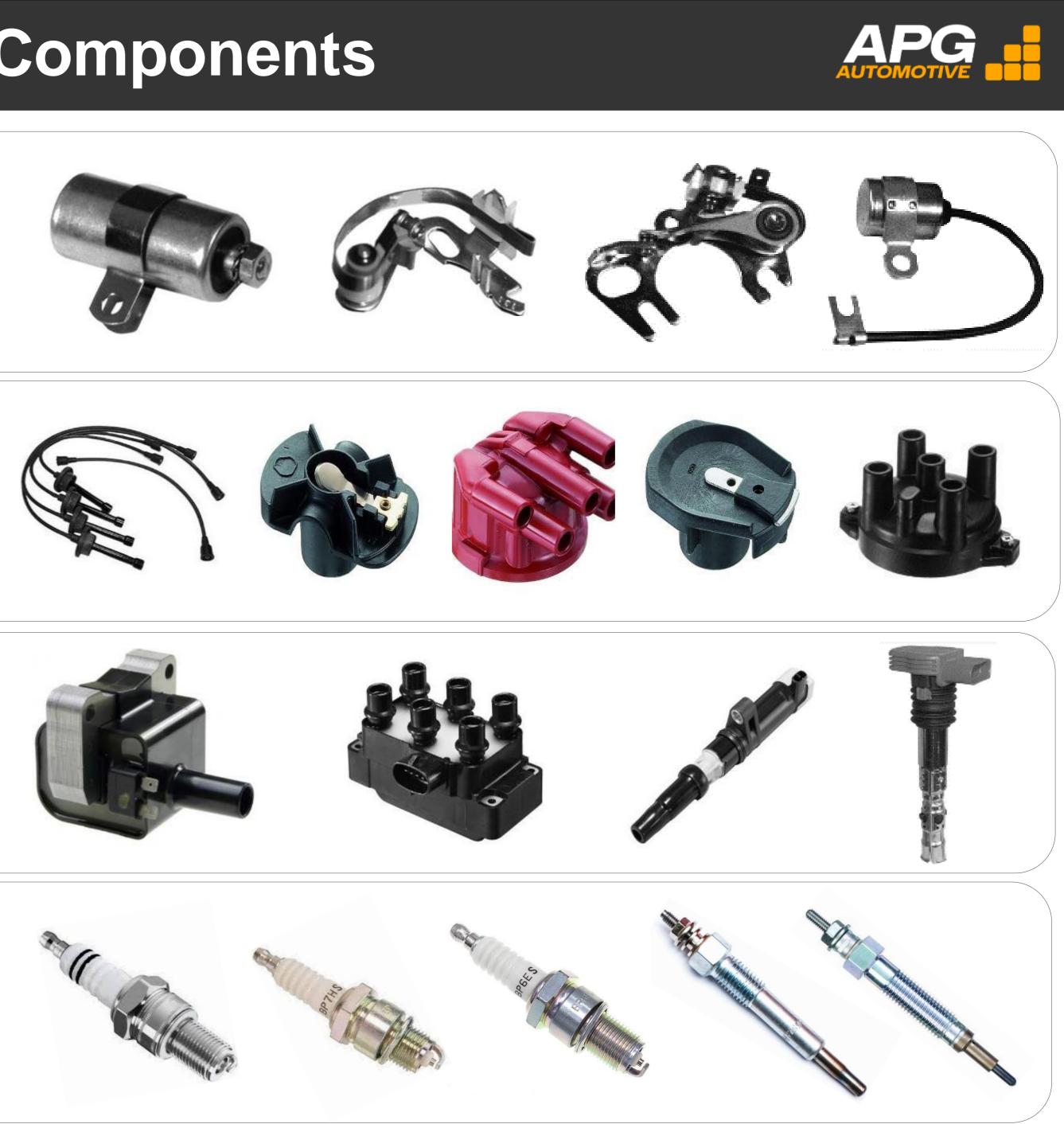
- No of References : 514
- New References : 245

Glow Plugs & Spark Plugs (New)

- No of References : 0
- New References : NEW

Ignition Components







Switches & Senders

Oil Pressure

- No of References : 166
- New References : 28

Temperature

- No of References : 322
- New References : 82

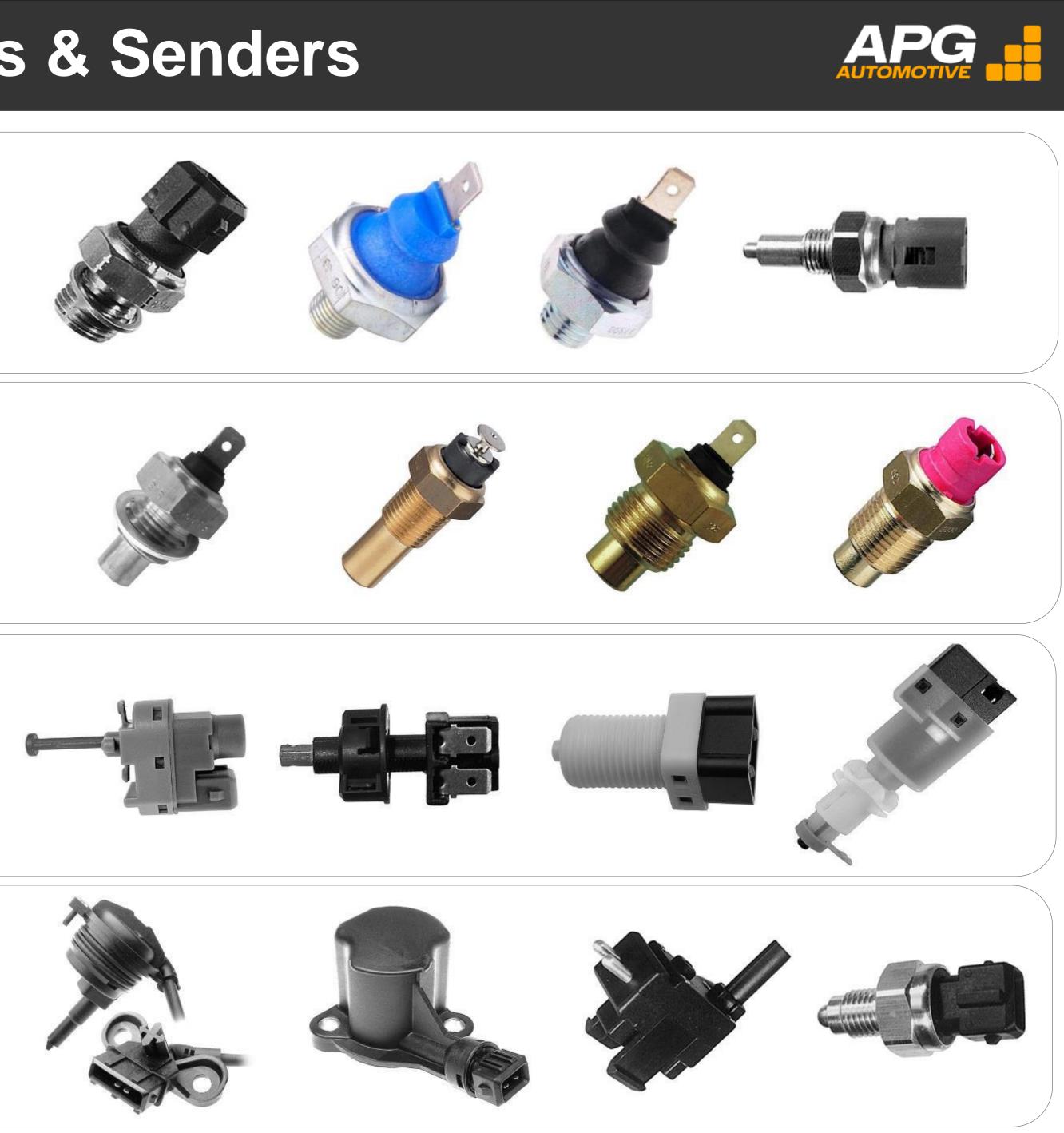
Stop Light

- No of References : 179
- New References : 78

Reverse Light

- No of References : 147
- New References : 52









Clutch & Cruise Control

- No of References : 43
- New References : 33

Indicator / Steering Column Switches

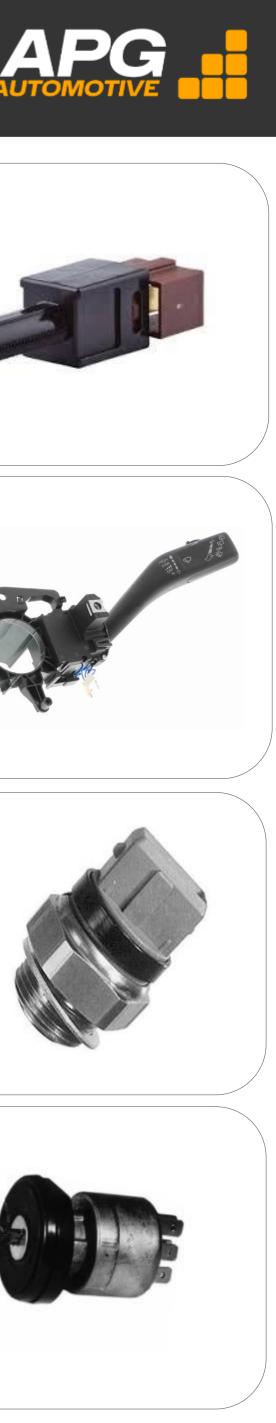
- No of References : 22
- New References : 12

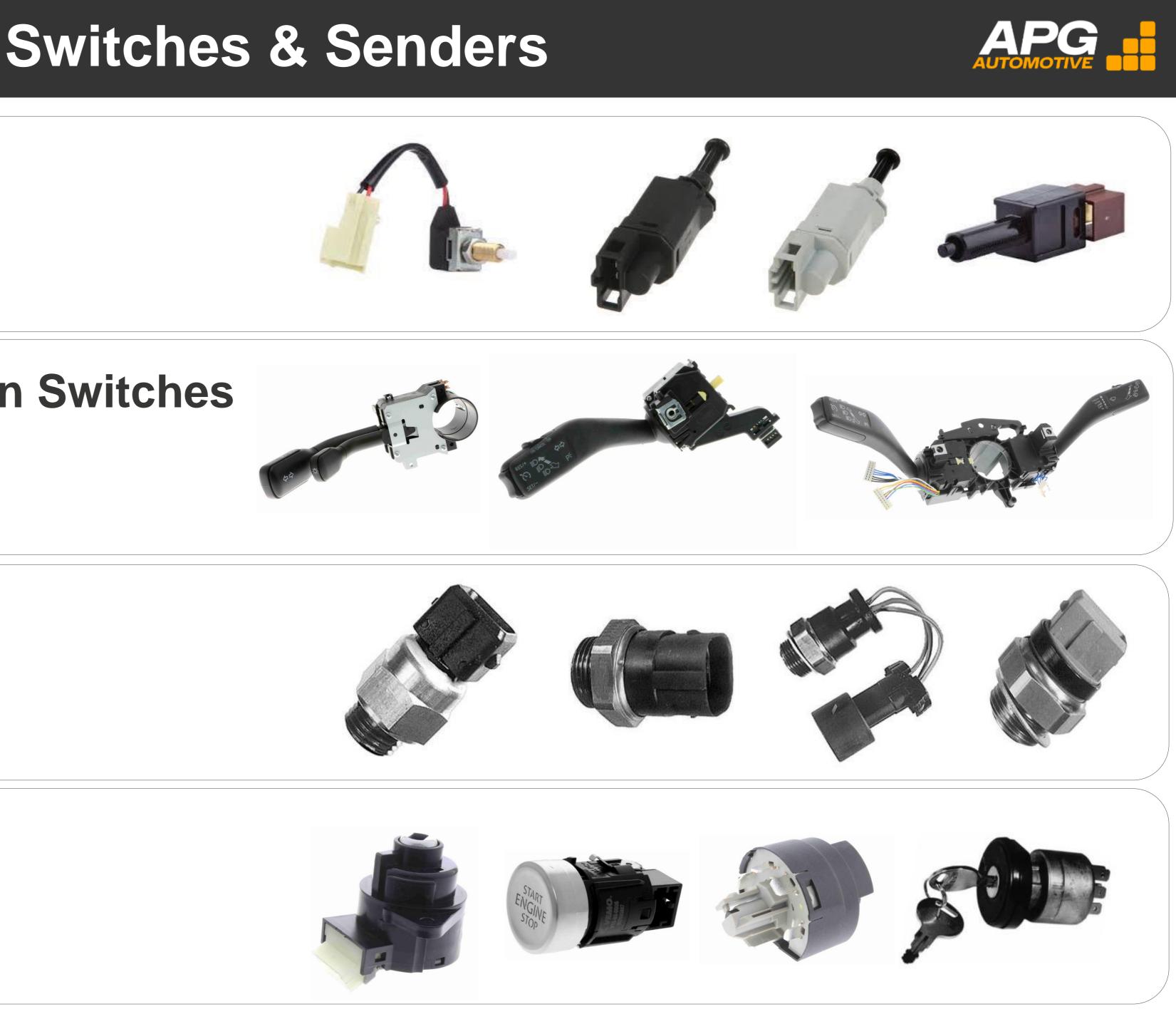
Fan Switches

- No of References : 138
- New References : 42

Ignition Switches

- No of References : 18
- New References : 0







Switches & Senders

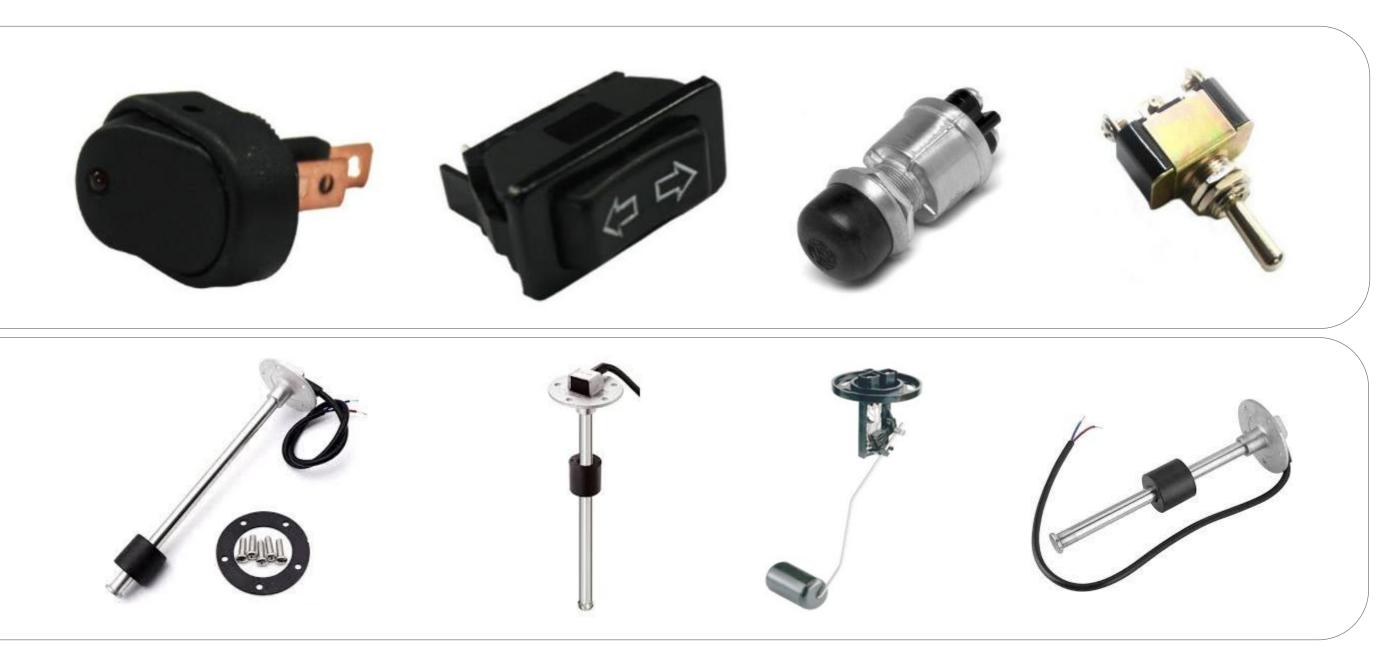
General Switches

- Rocker
- Toggle
- Push Button

Tank Level Senders

- No of References : 318
- New References : 0









Oxygen Sensors

- No of References : 683
- New References : 124

CAM & Crankshaft Sensors

- No of References : 37
- New References : 12

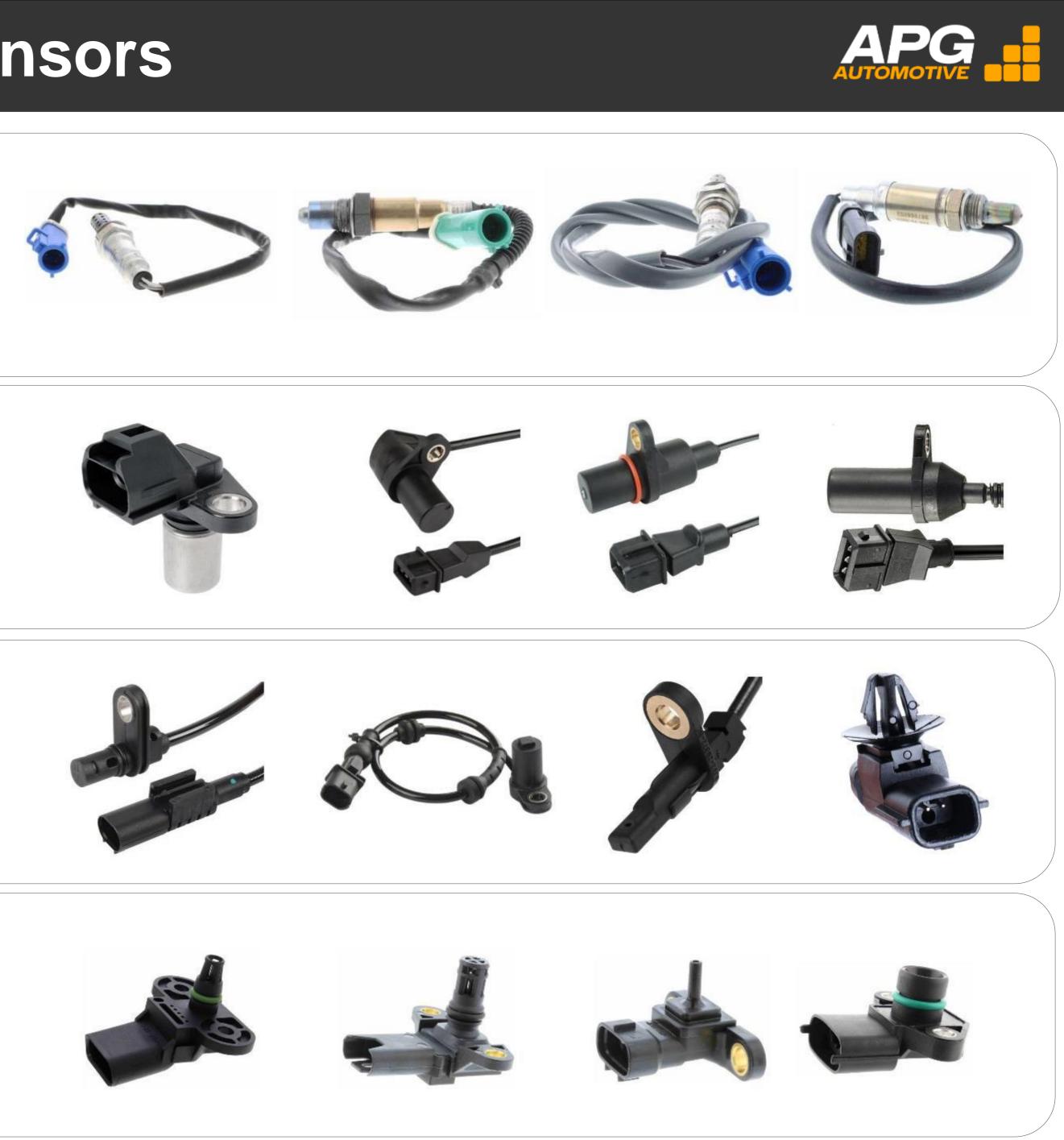
Wheel Speed Sensors

- No of References : 191
- New References : 52

MAP Sensors (Air Pressure)

- No of References : 191
- New References : 56











MAF Sensors (Mass Air Flow)

- No of References : 149
- New References : 47

Knock Sensors

- No of References : 124
- New References : 24

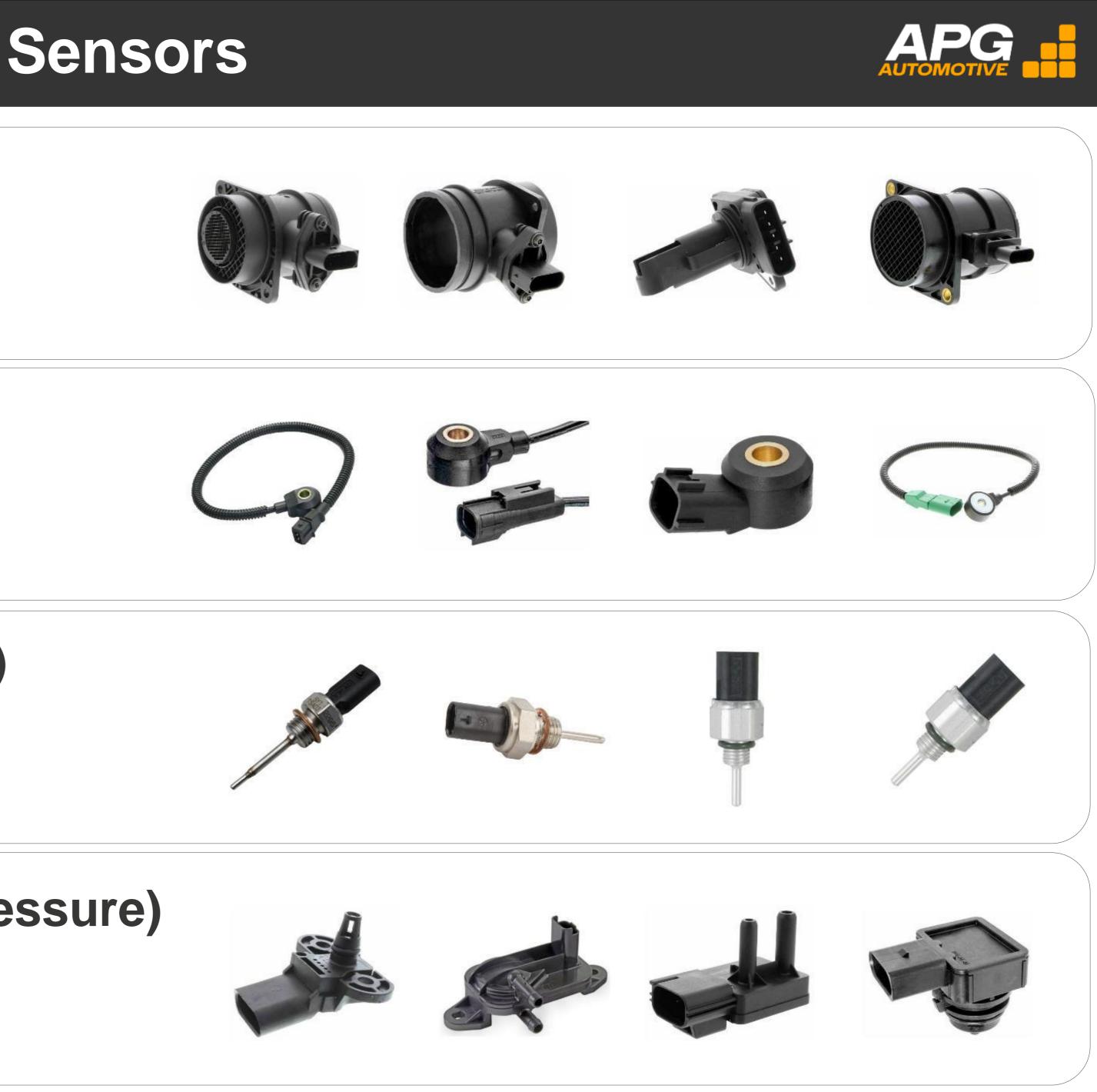
EGT Sensors (Exhaust Gas Temp)

- No of References : 4
- New References : 0

DPS Sensors (Differentiational Pressure)

- No of References : 33
- New References : 5









Air Temperature Sensors

- No of References : 25
- New References : 8

Engine Oil Level Sensors

- No of References : 12
- New References : 2

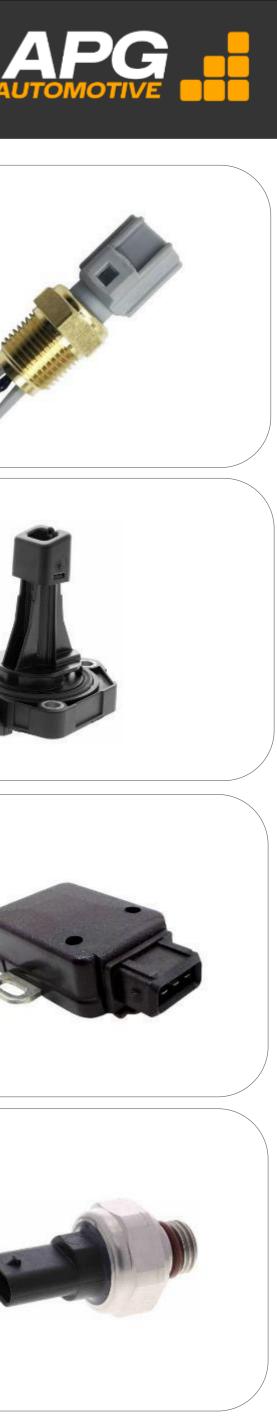
Throttle Position Sensors

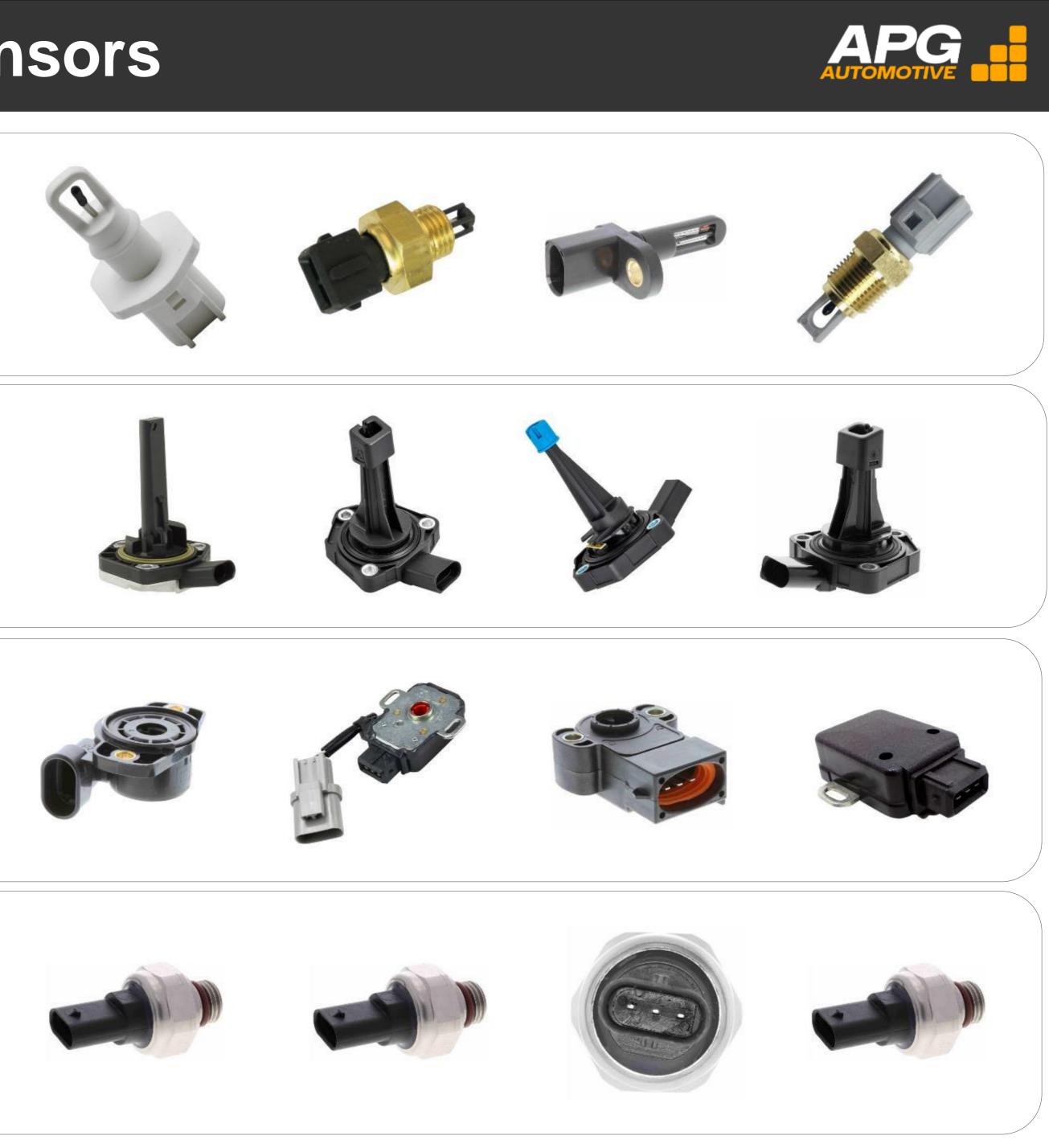
- No of References : 30
- New References : 11

Other Sensors

- High Pressure Sensors
- Rudder Angle Sensors
- **CKP/CMP** Sensors

Sensors







Wheel Bearings & Hubs

Wheel Bearing Kits

- No of References : 686
- New References : 214

Hub Units

- No of References : 85
- New References : 10





Marketing Support - Signage







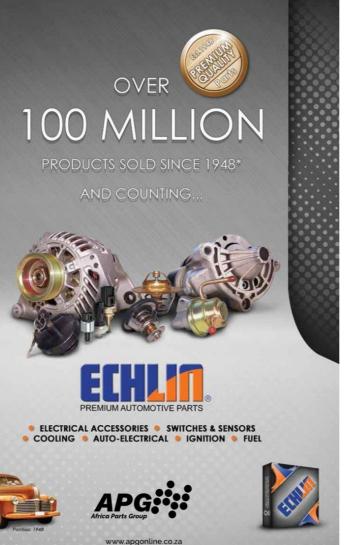












Signage available in custom sizes

- Window
- Door
- Light Box

Echlin Signage catalogue now available

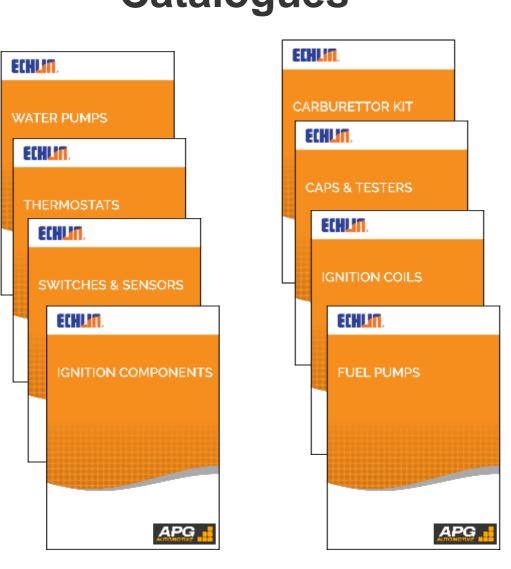


Marketing Support



• Range of merchandise available for in store and counter sales promotions

Catalogues



- Echlin Binder available to store all your printed catalogues
- Catalogue by vehicle, parts finder • E-Cat also available for easy access to full digital catalogue

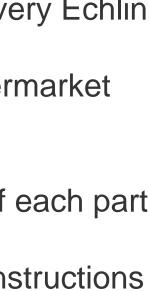








- E-Cat available to find every Echlin product
- Cross references by Aftermarket and OE Number
- Vehicle search
- Detailed specifications of each part
- Images, Data sheets, Specifications, Fitment instructions



Contact Us







Address

Unit D, Pomona Precinct, 300 Elgin Road Pomona, South Africa



Contact Info

Email: info@apgautomotive.co.za Web: www.apgautomotive.co.za



J Telephone

Office Phone: +27 (11) 627 2500





Permatex.





Permatex Product Categories

Thread Stop Leaks Gasketing Compounds Permatex ULTRA Black Permatex Permatex Thread Sealant With FITE Mater are from #80632 Permate: ENGINE OL Part Lesses Mart Lesses Peri ULTRA Grey Permatex. Permatex BOLY MARK Foaming Action Gasket Remover Permates Use to mark suits, bolts, and fittings Visually detects Inscance Unstances Provides tamper-proof indication for warrantly protection 21262 Permatex Permatex RADIATOR REPAIR Management Restaurces Management Restaurces Restaurc Permatex Permatex Basket Baske SEAL+LOCI POWER STEERING MALE STEERING M Head Gasket **Gasket Makers Thread Lockers Thread Sealants** Anaerobic Gasket Repair Oil Stop Leaks Makers **Gasket Sealants** Power Steering Gasket Removers Leaks Radiator Repair









Permatex RADIATOR REPAIR

MEST-PERPET STOP-LEAS POIR & RESTORE - Noting - Noting - Sump - Sumplify - Sump - Sumplify - Sump - Sumplify - Sump

2 2

Permater

Permate

STOP-LEAS Main & ISSTOR - New York Composition - New York Compositio

Radiator Repair Leak

Permatex ® Radiator Repair Stop Leak

- Reduces need to top off fluid due to mild corrosion
- No Draining or Flushing
- One-Step Process
- Anti-Clog Formula

Head Gasket Repair Leak

Permatex ® Head Gasket Repair Stop Leak

- ASTM D3147, D6107 and D1881 Approved
- Heat Syncing Formula
- One-Step Process
- No Draining or Flushing
- Anti-Clog Formula

Engine Oil Stop Leak

Permatex ® Engine Oil Stop Leak

- Works on all gas, hybrid and diesel engines
- Eliminates exhaust smoke due to burning oil
- Conditions o-rings and seals to prevent cracking and future leaks
- No Draining or Flushing
- Anti-Clog Formula

Power Steering Repair Leak

- Quiets Noisy Power Steering Pumps
- Improves Steering Response
- One-Step Process
- No Draining or Flushing
- Anti-Clog Formula



Stop Leaks

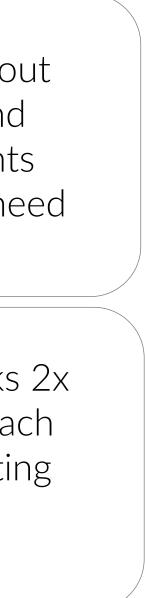


The Permatex Radiator Repair flows through the heater core without restriction and plugs pinhole leaks reducing engine overheating and frequently adding coolant. Corrosion of cooling system components causes pinhole leaks and can lead to engine overheating and the need to frequently add coolant.

The Permatex Head Gasket Repair is designed to seal pinhole leaks 2x faster and prevent coolant, oil and other fluids from mixing with each other. Leaks in head gaskets cause loss of engine power, overheating and excess coolant consumption.

Permatex Engine Oil Stop Leak increases viscosity of engine oil and conditions, softens and expands rubber components. Brittle seals and gaskets allow oil to seep from the engine and cause deposit formations and dark exhaust smoke.

Permatex Power Steering Repair stops leaks, increases fluid viscosity while conditioning and protecting rubber components, reducing cracking and future leak points. Leaky fluids and low levels cause squealing and squeeking









Maintenance & Repair

Body and Under Bonnet

- Under Coating, Engine Degreaser, Weatherstrip Cement
- Battery Protector, Battery Cleaner, Throttle & Choke Cleaner, Radiator Cleaner

Brake & Parts

- Brake & Parts Cleaner
- **Electrical & Contact Cleaner**

Exhaust Repair

- Muffler & Tailpipe Sealant & Putty
- Muffler & Tailpipe Bandage

Rebuilders Aid

- Prussian Blue
- Valve Grinding Compound

Repair Kits

- Wheel Restorations Kits
- Windscreen & Vinyl Repair Kits

Rust Treatments

- Rust Treatments
- Rust Dissolver Gel





























Gasket Makers

- Black Gasket Makers
- Red Gasket Makers
- Grey Gasket Makers

Gasket Sealants

- Gasket Dressings
- Spray On Gaskets
- Gasket Sealants



Anaerobic & Specialty Gasket Makers

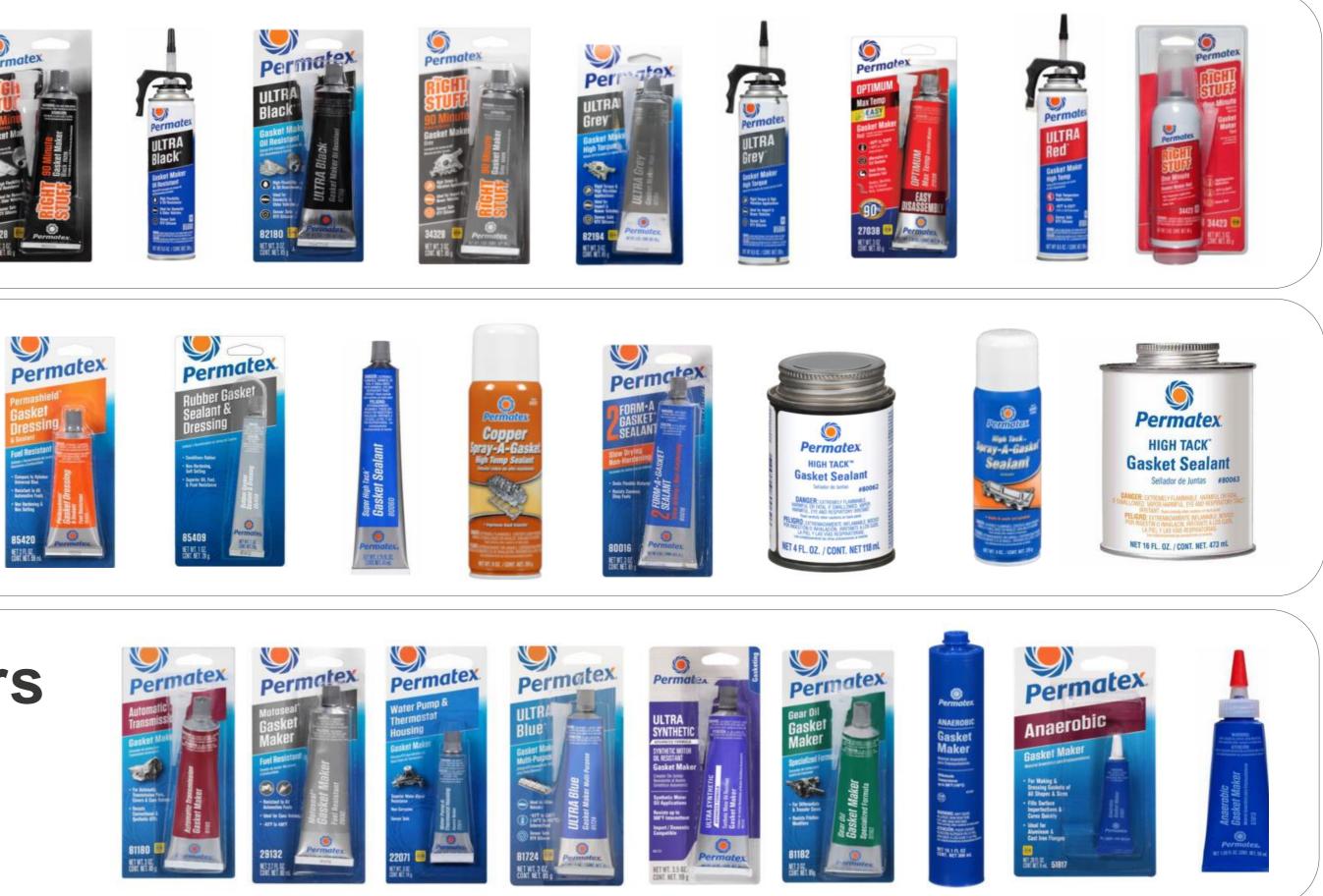
- **Anaerobic Gasket Makers**
- Specialty Gasket Makers
- Applications : Transmission/Water Pumps/Thermostats

Gasket Removers

- Gasket Scraper
- Gasket Remover

Gasketing











Fast Orange

- Heavy Duty Hand Cleaner
- Pumice Hand Cleaner / Lotion
- Pro clean Hand Cleaner

Wipes

- Fast Orange Wipes
- Heavy Duty Scrubbing Towel

Extended Line

- Grease X Laundry Detergent
- Grease X Body Wash
- Repair Cream / Foaming Hand Wash

Permatex Hand Cleaners

- Mechanics Gloves
- Scrubs in a Bucket
- Grease Grabber

Hand Care













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MET WE 4 LB. / CONT. NE



















Blue Thread Lockers

Medium Strength

Orange Thread Lockers

• High Strength

Red Thread Lockers

- High Strength
- High Temperature

Thread Sealants

- Pipe Joint Compounds
- Thread Compounds / Sealants / Bearing Mount

Additional Thread Compounds

- **Bolt Mark**
- Retaining Compounds

Thread Compounds





















Permatex.

Adhesives & Sealants

Epoxies & Syringe Adhesives

- Epoxy
- Plastic Weld / Steel Weld / Cold Weld

Adhesive Sealants

- Silicone Adhesives
- Windshield Glass Sealer

Spray Adhesives

- Leak Repair Spray / Headliner Adhesive
- All Purpose Spray

Super Glues

- Super Glue
- Ultra Bond Super Glue

Specialty Adhesives & Removers

- Fuel Tank Repair / Plastic Adhesive/Liquid Tape
- Contact Cement / Wrap it / Decal Remover / Metal Fill

Weatherstrip Adhesives

- Weather Strip Adhesives
- Weather Strip Cement













Super Weatherstrip Adhe

















Anti Seize

- Chain Lube
- Belt Dressing
- Anti Seize Lubricants

Brake Lubricants

- Brake Parts Lubricants
- Ultra Lube / Ceramic Extreme
- Disc Brake Quiet

Specialty Lubricants

- Bulb Grease / Engine Assembly Lube
- Di Electric Tune Up Grease/ Lithium Grease
- Silicon Lubricants

Lubricants











Permatex Selector Charts

	SPECIA	LIZED		ULTRA			OPTIMUN	И		90 MIN		0	NE MINU	TE
	Permatex	Permatex 1	Permatex	Permatex	Permatex									
Product	Water Pump & Thermostat Silicone Gasket Maker	Gear Oil Gasket Maker	Uitra Black Gasket Maker	Ultra Grey Gasket Maker	Ultra Red Gasket Maker	Optimum Black Gasket Maker	Optimum Grey Gasket Maker	Optimum Red Gasket Maker	The Right Stuff 90min Black Gaaket Maker	The Right Stuff 90min Grey Gasket Maker	The Right Stuff 90min Red Gasket Maker	The Right Stuff Black Gasket Maker	The Right Stuff Grey Gasket Maker	The Right SI Red Gaske Maker
Sizes/ Part number	220715oz TB		220725oz TB 82180 - 3.35az TB 85080 - 9.5az PB		81630 - 3.35oz TB 81695 - 9.5oz PB 81624 - 13oz CT	27037 - 3.35oz TB 27137 - 9.5oz PB 27237 - 13oz CT	27036 - 3.35oz TB 27136 - 9.5oz PB 27236 - 13oz CT	27038 - 3.350z TB 27138 - 9.50z PB 27238 - 130z CT	25228 - 302 TB	34328 - 3az TB	34628 - 3az TB	25229 - 3oz PC Carded 29208 - 5oz CT 85224 - 7.5oz PB 33694 - 10oz	25238 - 3oz PC Carded 34311 - 5oz CT 85144 - 7.5oz PB 34310 - 10oz	Carded 34425 - 502 (34426 - 7.5 F 34424 - 1002
Temp Range	-65°F to 500°F Intermit	-65°F to 500°F Intermit	-65°F 10 500°F Intermit	-65°F to 500°F Internit	-65"F to 650"F Internit	-75°F to 500°F Intermit	-75°F to 700°F Intermit	-90°F to 750°F Intermit	-65°F to 500°F Internit	-65°F to 500°F Internit	-65°F to 650°F Intermit	CT -75°F to 450°F Intermit	CT -75°F to 450°F Intermit	CT -75*F to 650 Intermit
Sensor Safe	YES	YES	YES	YES	YE5	YES	YES	YES	YES	YE5	YES	YES	YES	YES
Applications	Water-Glycol (Antifreeze)	Gear oil, Manual Transmissions	Heavy Duty Oil	High Torque, High Vibration	High-Temp	Max Flex and Oil Resistance	Max Torque & Vibration	Max Temp	90 Minute Return to Service	90 Minute Return to Service	90 Minute Return to Service	Immediate Return To Service	Immediate Return To Service	Immediate Return To Service
	Water Pump & Thermostat Housings	Differentials, Transfer Cases	Older Domestic Vehicles, Oil Pans, Oil Pumps, Valve Covers, Timing Covers	Domestic Vehicles, Intake Manifolds, Thermostat Housings	Exhaust Manifold or Header Flanges, Exhaust Flanges or Slip Fit Joints, EGR Valves, Turbo Flanges, Heat Riser Tube Flanges	Oil Pans, Timing Covers	High Performance Components, Exhaust Manifolds, Intake Manifolds	Exhaust Manifold or Header Flanges, Exhaust Flange or Sip Fit Joints, EGR Valves, Turbo Flanges, Heat Riser Tube Flanges	Oil Pans, Timing Covers, Heavy- Duty Truck & Fleet	Coolant Flanges, Oil Pans, Oil	Header Flanges, Exhaust Flange	Automotive & Marine Gaskets, Older Domestic Vehicles, oil pans, oil pumps, valve covers, timing covers	Automotive & Marine Gaskets, Older Domestic Vehicles, oil pans, oil pumps, valve covers, timing covers	Header Flang Exhaust Flan
Replaces					Replaces previous gen.			Replaces Ultra Copper 81878						



			5	Do		79	ER	1:
Pe	rm	ate	TO	UGH B	ONDS	FORT	OUGH	J
				HICK PORTUGER HICK PLASTIC Weider Mice Mice Mice Mice Mice Mice Mice Mice				Celluloso Wood Epoxy Wood Epoxy Worker More and More and
	1 MINUTE GEL Epoxy	5 MINUTE GEL Epoxy	2 TON EPOXY	BLACK PLASTIC WELDER	MARINE H2 Hold Epoxy	STEEL WELD™ EPOXY	500° HIGH HEAT EPOXY	CEL
Best For:	 General Purpose No-Clamp NO-DRIP GEL Blue Dye disappears when mixed 	 General Purpose No-Clamp NO-DRIP GEL Blue Dye disappears when mixed 	 Bonds together rigid materials High clarity and impact strength Gap-filling and non-shrinking 	 Structural Adhesive Ideal for plastics and composites Resists weathering & humidity 	 Flexible Water- Proof Adhesive Sticks and Cures Underwater Shock & Vibration resistant 	 Steel reinforced epoxy Eliminates welding & brazing Ideal for metal to metal 	 Up to 500F Underhood and Automotive Applications Chemical resistant 	 Ideal for bondin jobs Non-for formula Strong
Strength:	2500 psi	3400 psi	4000 psi	3500 psi	4000 psi	Permanent Strength up to 4500psi	Up to 800 psi	20
Set Time:	1 min	5 min	30 min	5 min	15 min	5 min	10 min	5
Cure Time:	5 min	10 min	1 hour	10 mins	1 hour	1 hour	2 hours	1
Finished Color:	Clear	Clear	Clear	Black	Off-white	Metallic Grey	Clear	
Bonds to:	Metals Hard Plastics Ceramics Glass Rubber And more	Metals Hard Plastics Ceramics Glass Rubber And more	Ceramics Fiberglass Metal Concrete And more	Hard Plastics Metal Fiberglass Chrome Ceramic	Fiberglass PVC Metal Wood Plastics And more	Aluminium Brass Chrome Copper Stainless Steel And other metals	Metals Hard Plastics Ceramics Glass Rubber And more	Furnitu Doors Windov Trim / Decks





Permatex Selector Charts

P	Permatex Thread octoor SELECTOR CHART										
											SEALANTS
	Permates		Permotes		Permates Restaurs Res	Permates memory Memo	Permatan Managaran Managan				Permates
PRODUCT	PURPLE Low Strength Threadlocker	BLUE Medium Strength Threadlocker	BLUE Surface Insensitive Threadlocker	ORANGE High Strength Removable Threadlocker	RED Permanent Strength Threadlocker	RED High Strength Threadlocker	RED High Temperature Threadlocker	GREEN Penetrating Grade Threadlocker	Seal & Lock Thread Compound	High Performance Thread Sealant	High Temperature Thread Sealant
SIZES PRODUCT #	6 ml - #24024	6 ml - #24200 36 ml - #24240 90 ml - #24283 2.5 ml - #24286 10 ml - #24206 10 ml - #24210 50 ml - #24250	6 ml - #24027 10 ml - #24300	10 ml - #25210	36 ml - #26240	6 ml - #27100 36 ml - #27140 90 ml - #27183 10 ml - #27110 50 ml - #27150	6 ml - #24026 10 ml - #27200 36 ml - #27240	6 ml - #29000 36 ml - #29040	35 ml - #57535	50 ml - #56521	6 ml - #59214 50 ml - #59235
		5g GEL - #24005 10g GEL - #24010				5g GEL - #27005 10g GEL - #27010					
FASTENERS/ Fittings	#2 to 1/4" (2.2 - 6mm)	1/4" to 3/4" (6 - 20mm)	1/4" to 3/4" (6 - 20mm)	1/4" to 1" (10-25mm)	3/8" to 1" (10 - 25mm)	3/8" to 1" (10 - 25mm)	3/8" to 1 1/2" (10 - 25mm)	#2 to 1/2" (2.2 - 12mm)	1/4" to 3/4" (6 - 20mm)	Up to 2" (50mm)	Up to 2" (50mm)
BREAKAWAY/ PREVAILING TORQUE, IN-LB	55/20	115/50	180/60	160/180	190/275	250/250	200/225	65/225	80/N/A	N/A	N/A
temperature Range	-65°F to +300°F (-54°C to +150°C)	-65°F to +300°F (-54°C to +150°C)	-65°F to +300°F (-54°C to +150°C)	-65°F to 300°F (-54° to 150°C)	-65°F to +300°F (-54°C to +150°C)	-65°F to +300°F (-54°C to +150°C)	-65°F to +450°F (-54°C to +232°C)	-65°F to +300°F (-54°C to +150°C)	-60°F to +300°F (-51°C to +150°C)	-65°F to +300°F (-54°C to +150°C)	-65°F to +400°F (-54°C to +204°C)
APPLICATIONS	Small mounting screws, throttle body assembly, choke assembly, interior panel screws and light duty requirements	Valve cover bolts, water pump bolts, oil pan bolts, drive shaft bolts, carburetor studs	Rocker studs, rocker adjustment bolts, disc brake caliper slide bolts, intakes, alternator and pulley assemblies	Case half bolts, triple tree fasteners, fly wheel bolts, stator bolts, axie nuts, dirt bikes, heavy-duty construction, power tools, lawn and garden	bolts, strut or shock hardware, control arm hardware	Threaded and slip fit joints, cylinder block and rocker arm studs, ring gear bolts, transmission and shaft bolts, strut or shock hardware, control arm hardware and many motorcycle applications	Camshaft sprocket bolts, crankshaft bolts, idler bearings, transmission input and output shaft threads and heavy duty applications	Preassembled fastners, instrument screws, carburetors, adjustment screws	Threaded freeze plugs, oil pressure sensor, fuel line supply nuts and bolts, fuel injector, coolant temperature sensor, power steering cooler lines, brake master cylinder line nuts, A/C systems, plumbing systems	Steel fittings, head bolts into through holes, oil PSI sending units/sensors, oil and coolant lines, intake manifold switches, rear ade fill plug, fuel fittings	Head bolts into through holes, oil PSI sending units/sensors, oil and coolant lines, fuel fittings, rear axie fill plug, power steering fittings



Hand Care Sales Sheets & Posters









Permatex Fast Orange Displays











Contact Us







Address

Unit D, Pomona Precinct, 300 Elgin Road Pomona, South Africa



Contact Info

Email: info@apgautomotive.co.za Web: www.apgautomotive.co.za



J Telephone

Office Phone: +27 (11) 627 2500





Be safe. Be sure



Gabriel – An iconic SA Brand

- With its incredible history, Gabriel believes that there is not a single road in South Africa that they have not travelled upon ... we've been there and done that!
- Gabriel has a proud history of innovation and achievement stretching back to 1907 when Claude Foster the automotive parts pioneer who founded Gabriel in Cleveland, Ohio, USA – developed and patented the first shock absorber called the "Snubber".
- The company continued to prosper in the suspension business, pioneering many more firsts the first hydraulic shocks (1918), adjustable shocks (1956 and 1967), position and velocity sensitive shocks (1979), gas-charged twin tube shocks (1983) and velocity sensitive technology for shocks and struts (1996).
- Gabriel first came to South Africa in 1935, importing all products from the US. Production in South Africa started in 1962 and sometime later, in 1984, Gabriel South Africa made its own contribution to Gabriel's innovative history with the design and manufacturer of the "gas springs" which were promptly adopted by Gabriel plants worldwide.
- Gabriel products are distributed by APG through a network of retailers who ensure product gets to workshops and end consumers.

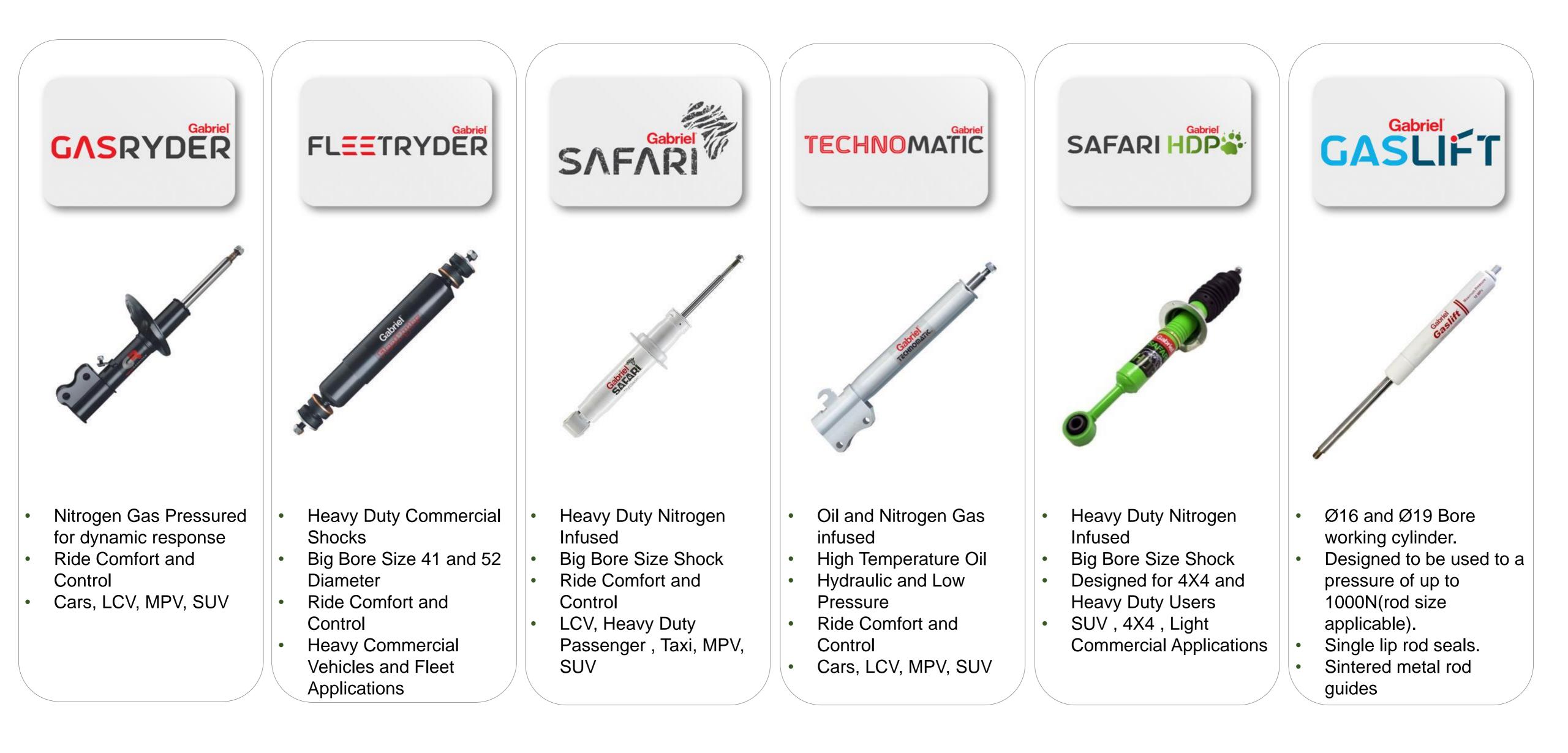






CGabriel

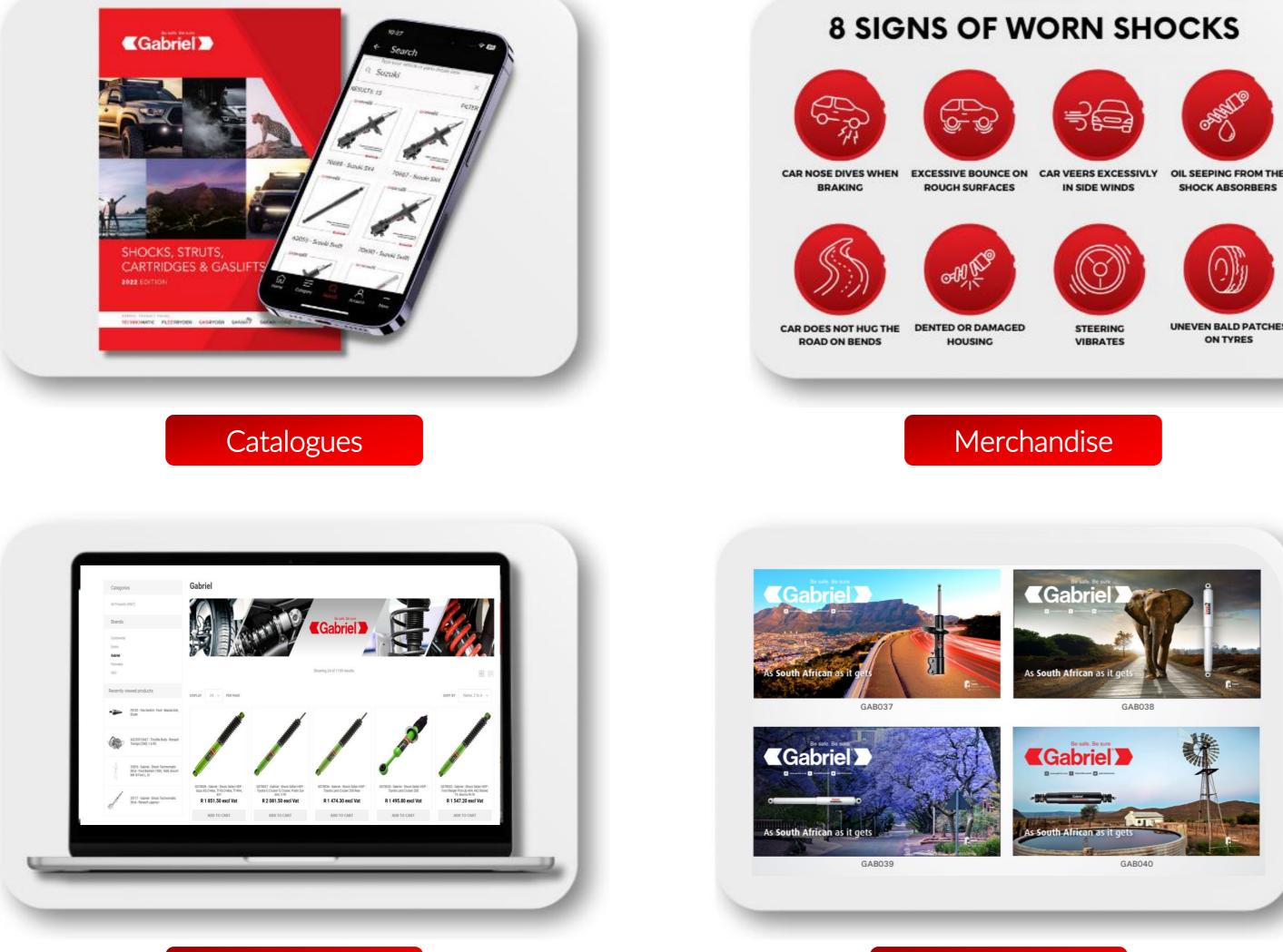
Gabriel Product Range





KGabriel

Gabriel Marketing Support

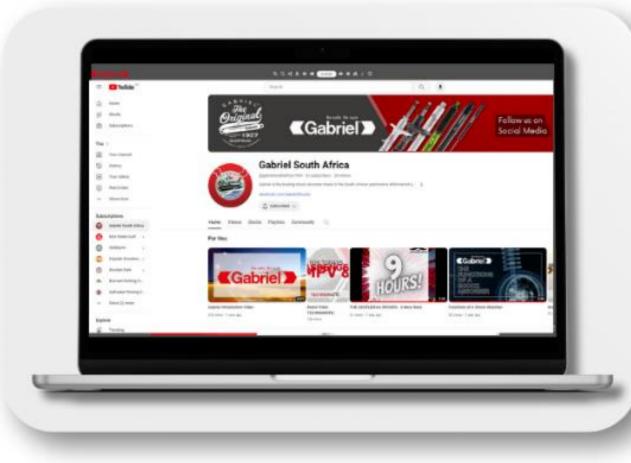


E-Cat On Line



SHOCK ABSORBERS

UNEVEN BALD PATCHES



You Tube Channel



Promotions

Signage



Contact Us

(Gabrie)





Address

Unit D, Pomona Precinct, 300 Elgin Road Pomona, South Africa



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Office Phone: +27 (11) 627 2500







Öntinenta





VDO Transition to Continental

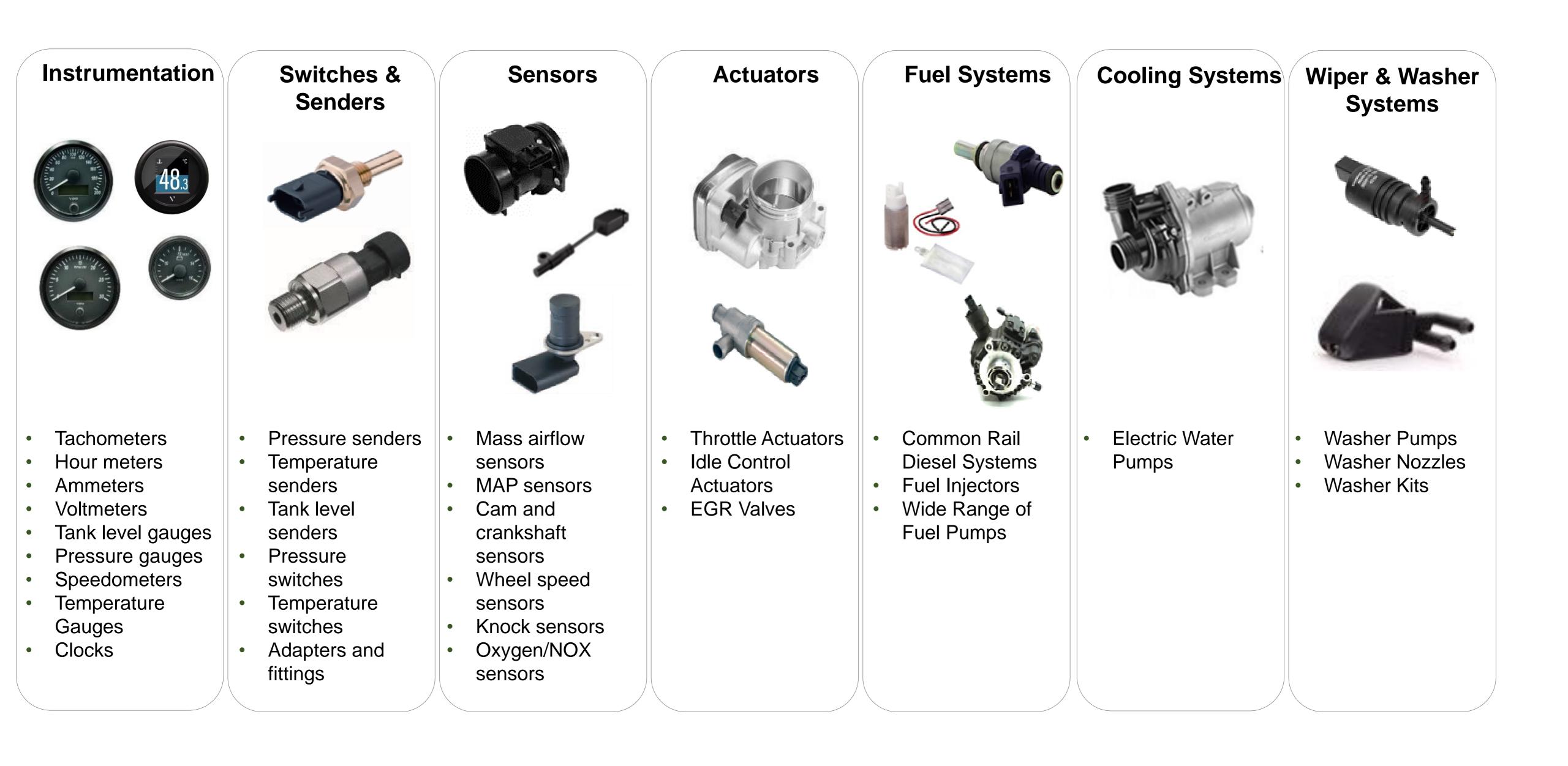
VDO is now Continental. Original stays Original.

As a global technology company and one of the leading automotive suppliers, we are the ideal partner for aftermarket solutions and services. Thanks to our broad portfolio and the top quality of an original equipment manufacturer, we always offer our customers real added value.

This bundled know-how represents our Continental brand – and therefore VDO original spare parts for electronics and mechatronics and VDO service tools are supplied in the new Continental packaging as part of the brand transfer. The products will of course be identical.









Ontinental

Instrumentation

VDO Cockpit International

- Range available for last 30+ Years
- Market coverage Automotive, Commercial and Off-Highway
- 52mm, 80mm and 100mm Variants
- Speedometers and Tachometers now discontinued

VDO SingleViu

- New Technology (Analogue and CAN)
- Market coverage Automotive, Commercial and Off-Highway
- 52mm, 80mm and 100mm Variants
- Fully customizable input settings to work with OE senders
- Standard connectors on all instrument sizes
- Customizable back light colors (White, Green, Red, Orange, Yellow)
- Programmable warning limits

Veratron Viewline

- Market coverage Marine and Off-Highway
- IP67 rating
- Analogue and CAN inputs
- Double lens configuration for marine use
- Suitable versions specific for marine applications (Rudder Angle, Trim Tilt, Sumlog etc.)















Switches & Senders

Pressure Senders

- Oil
- Water
- Air and Turbo/Boost pressure

Pressure Switches

- Engine Oil
- Hydraulic Oil
- Water and Brake Air pressure

Temperature Senders

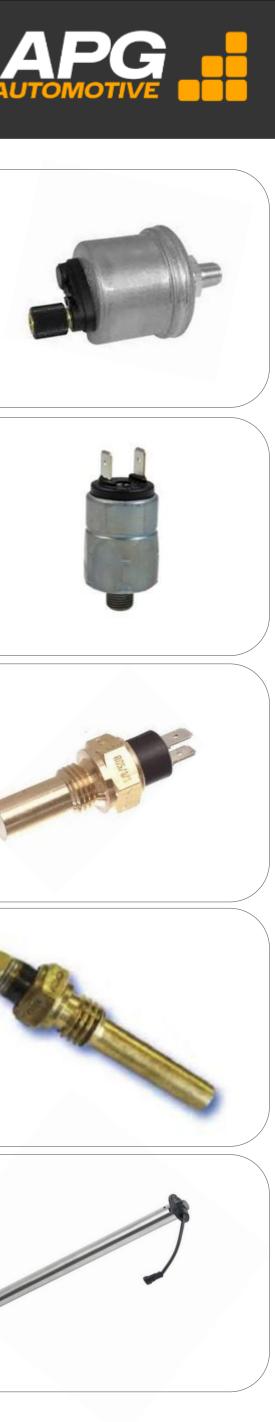
- Engine Coolant
- Oil, & Air-Cooled engine
- EGT (Exhaust gas) and Ambient

Temperature Switches

- Engine Coolant
- Oil
- Hydraulic Oil

Tank Level Senders

- Tubular Type
- Lever Arm type
- Stainless Reed Switch





Oxygen Sensors

- No of References : 322
- New References : 158
- Vehicle Coverage : 4.75m vehicles (56%)

CAM & Crankshaft Sensors

- No of References : 165
- New References : 56
- Vehicle Coverage : 7.75m vehicles (86%)

Wheel Speed Sensors

- No of References : 0
- New References : 0
- Vehicle Coverage : 0m vehicles (0%)

MAP Sensors (Air Pressure)

- No of References : 165
- New References : 56
- Vehicle Coverage : 7.75m vehicles (86%)

















Air Temperature Sensors

- No of References : 322
- New References : 158
- Vehicle Coverage : 4.75m vehicles (56%)

Engine Oil Level Sensors

- No of References : 165
- New References : 56
- Vehicle Coverage : 7.75m vehicles (86%)

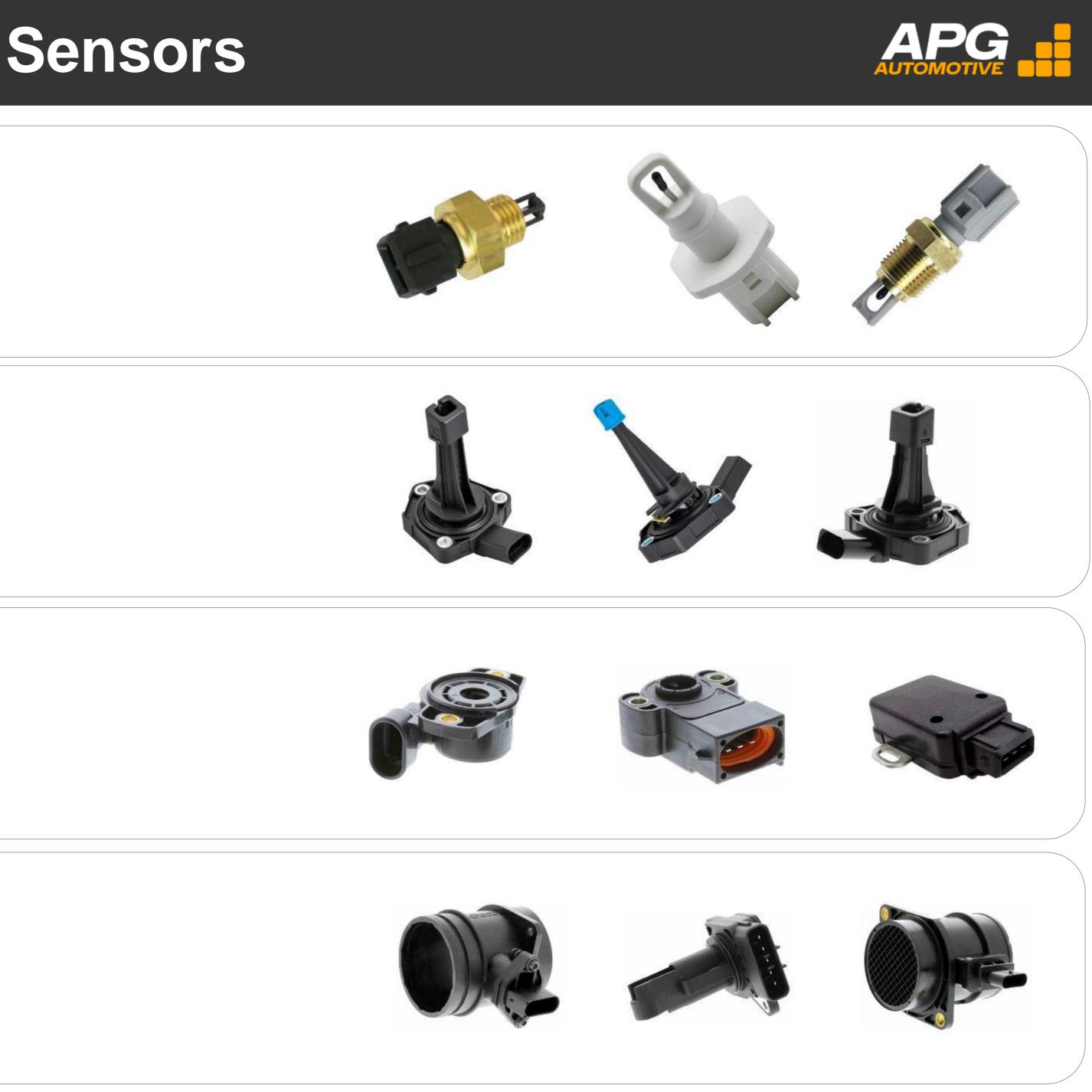
Throttle Position Sensors

- No of References : 0
- New References : 0
- Vehicle Coverage : 0m vehicles (0%)

MAF Sensors (Mass Air Flow)

- No of References : 322
- New References : 158
- Vehicle Coverage : 4.75m vehicles (56%)







Knock Sensors

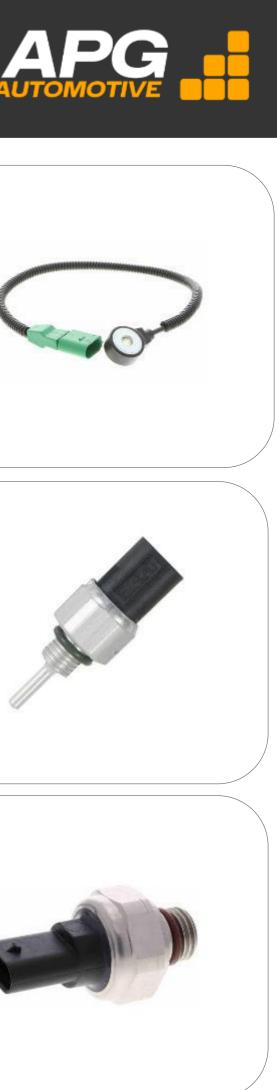
- No of References : 165
- New References : 56
- Vehicle Coverage : 7.75m vehicles (86%)

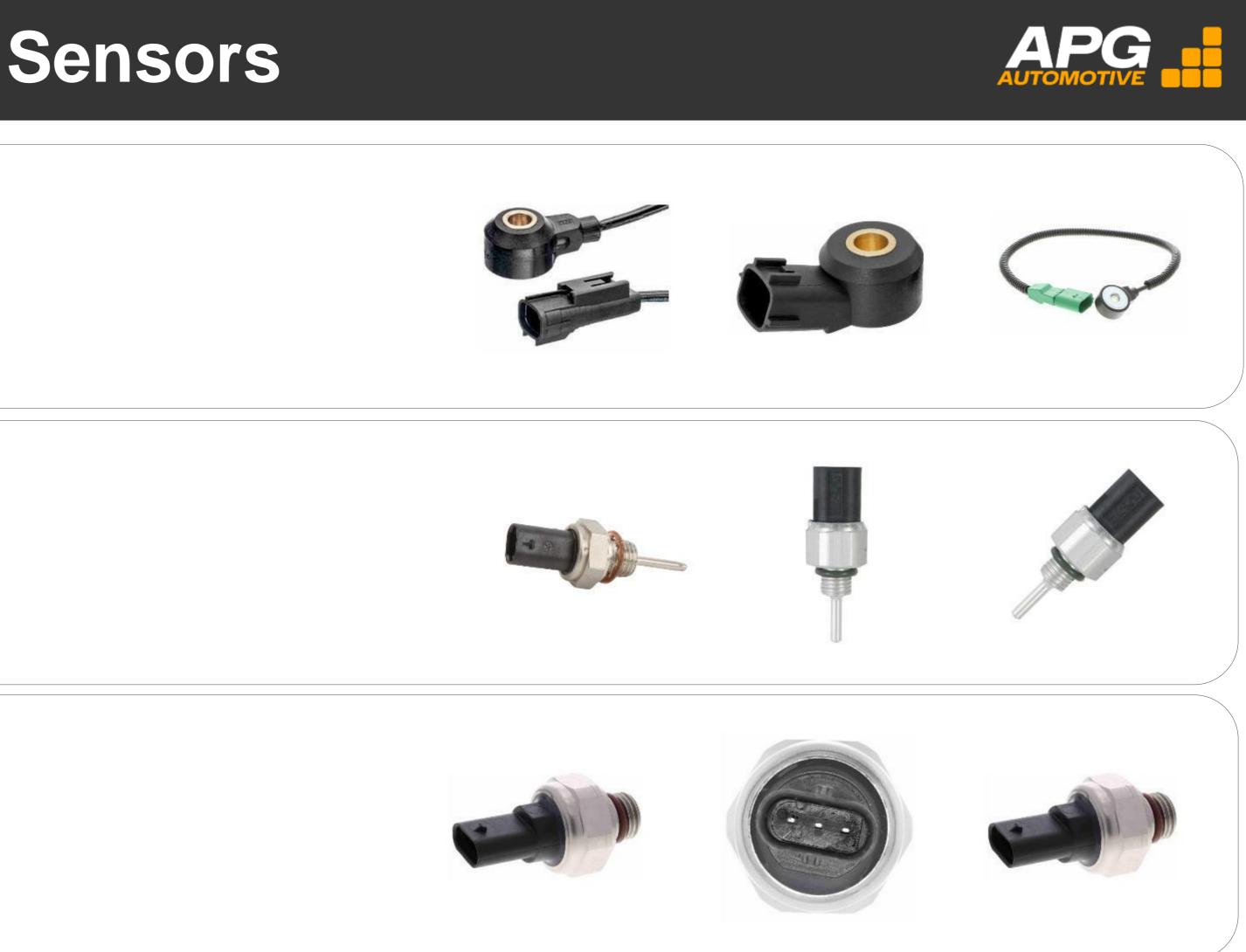
EGT Sensors (Exhaust Gas)

- No of References : 0
- New References : 0
- Vehicle Coverage : 0m vehicles (0%)

Other Sensors

- High Pressure Sensors
- Rudder Angle Sensors
- **CKP/CMP Sensors**







Throttle Valves

- Electromotive Throttle Valves
- Electronic Throttle Valves
- Mechanical Cable and Electric Servo Operated

Idle Speed Control

Electric pneumatic

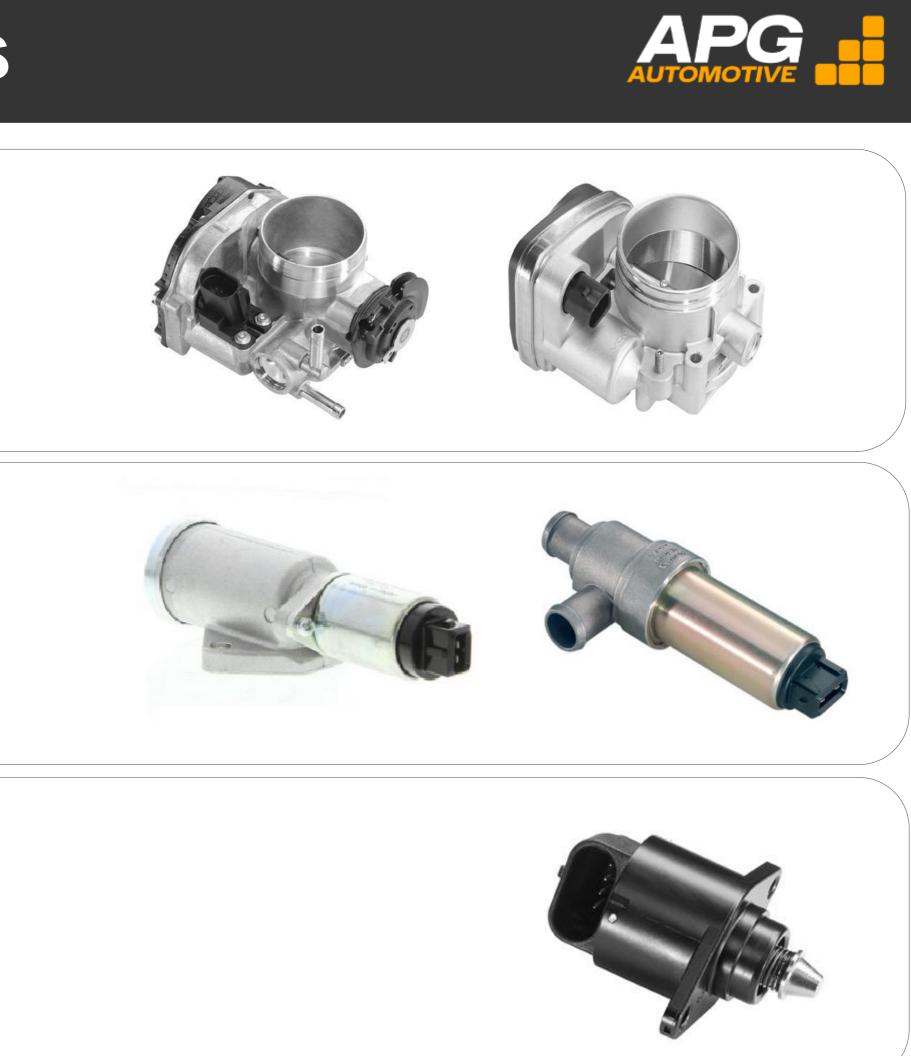
Digital Linear Actuator

Electric servo controlled

Design and Manufacturing at OE manufacturer specification Direct replacement (Mounting and Electrical) Full integration with vehicle electronics Ensuring improved efficiency in all load conditions, producing better performance, fuel economy and emissions OE – VDO Cross reference

Valves & Actuators





Ontinental

Fuel Components

Common Rail Diesel

- Common Rail Pumps
- Common Rail Injectors
- CR Diesel Rails

Fuel Pumps & Fuel Feed Units

- In tank Electric pumps
- Swirl Pots
- Cartridge Pumps

Petrol Fuel Injectors

• Direct OE Replacement

Direct Replacement of OE part Design/Manufactured to OE manufacturers specification Cross-reference between VDO and OE number Full integration with vehicle electronics









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