







Our Brands



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

Rugged components are ideal for tough environments

Direct replacement to original part

Range of products and parts to cover all market segments

Worldwide distribution network



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 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



Cooling



- Radiator Caps
- Thermostats
- Water Pumps

Switches & Senders



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

Sensors



- Mass Airflow
- MAP
- CAM and crankshaft
- Wheel Speed
- Knock
- Oxygen/NOX

Ignition



- Points
- Condensors
- Rotors
- Distributor Caps
- Ignition Coils
- Glow Plugs New
- Spark Plugs New
- Ignition Leads New

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



Actuators





- Throttle Actuators
- Idle Control Actuators
- EGR Valves

Instrumentation









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

Windshield Systems





- Washer Pumps
- Washer Nozzles
- Washer Kits

Shocks



- Shock Absorbers
- Strut Mounts
- Gas lifts

Our Product Categories - NEW



Auto Electrical





- Alternators
- Starters

Filters





- Fuel Filters
- Oil Filters
- Air Filters
- Cabin Filters

Belts & Tensioners





- V-Belt
- Timing Belts
- Poly Belts
- Tensioner Kits

Our Product Categories



Gasketing









- **Gasket Makers**
- **Anaerobic Gasket** Makers
- **Gasket Sealants**
- Gasket Removers

Thread Compounds

Permatex
Thread Sealant
with PTFE
Sender pers Books
con PTC
#880632







- **Thread Lockers**
- **Thread Sealants**

Stop Leaks









- **Head Gasket** Repair
- Oil Stop Leaks
- **Power Steering** Leaks
- Radiator Repair

Adhesives & Sealants









Epoxies

Restrictes
All Furpose
Spray
Adhesive

- **Adhesive Sealants**
- Spray Adhesives
- Super Glues
- Adhesive Removers
- Weatherstrip Adhesives

Hand Care











- **Fast Orange**
- Wipes
- **Hand Care**
- **Extended Line**

Lubricants

Permatex







- Anti-Seize Lubricants
- Specialty Lubricants
- **Brake Lubricants**

Maintenance & Repair





Permatex

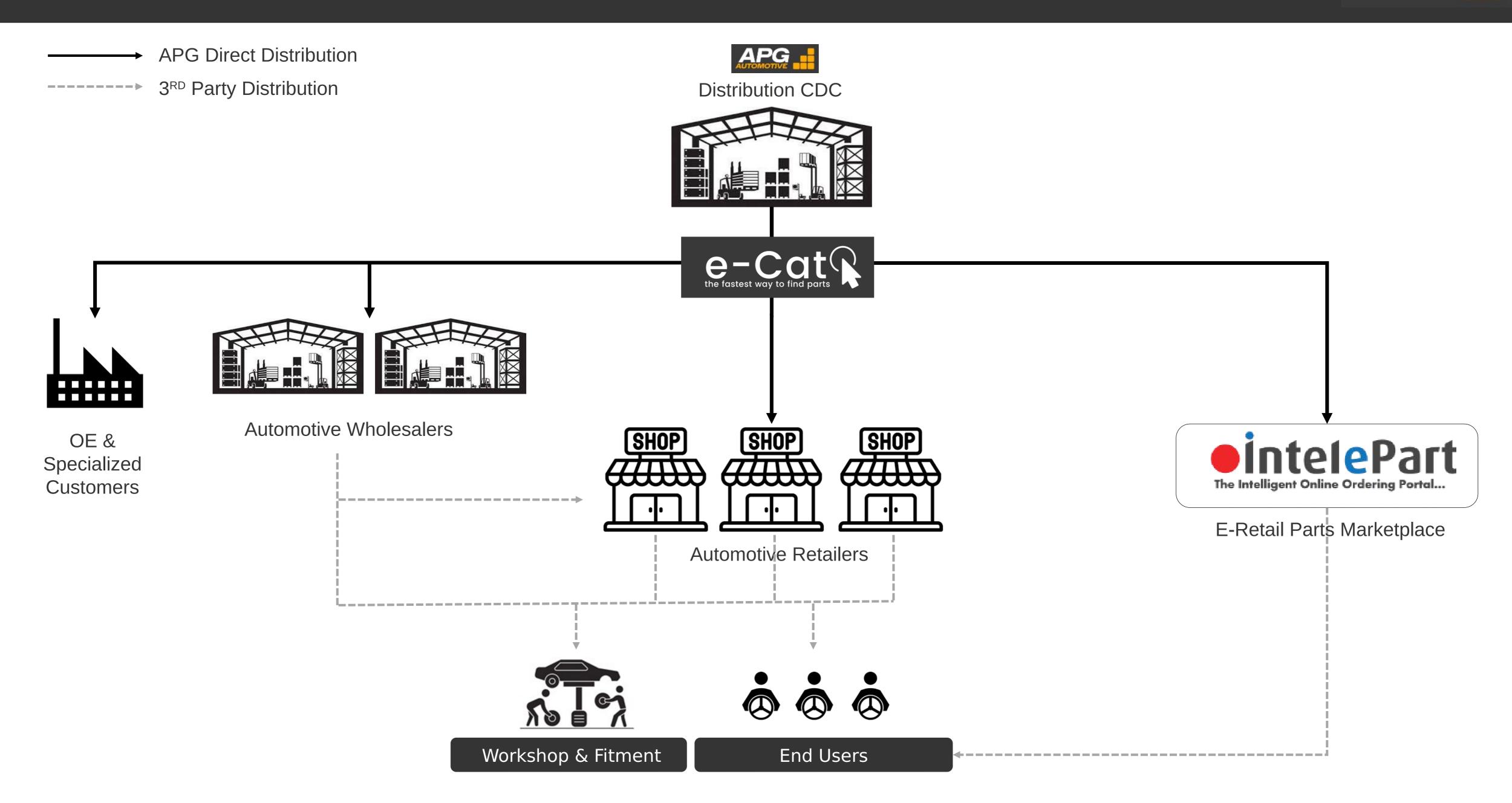




- Body & Under Bonnet
- Brake Repair
- **Body Repair**
- **Rust Treatment**
- Repair Kits
- Rebuilders Aid

Our Distribution





Our Geographic Reach





National Distribution – South Africa

- Export Territories
 - Namibia
 - Botswana
 - Mozambique
 - Zimbabwe



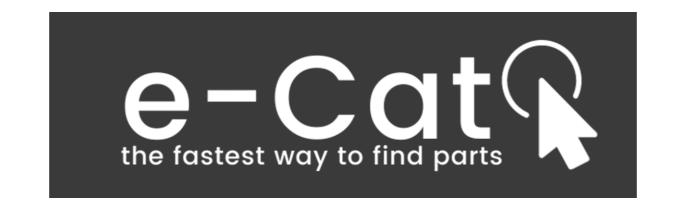
E-Cat Catalogue & E-Commerce system





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



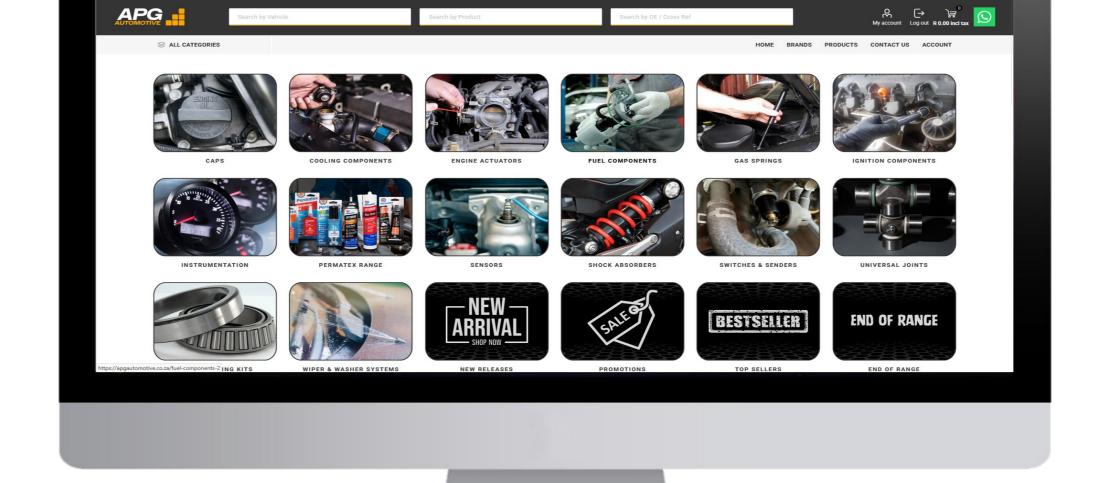
Vehicle Applications

+ 11 500 different vehicles cross referenced to parts basket



Search Engine

Fastest search engine in the Industry 0.2s





Live SOH and live channel pricing per customer.



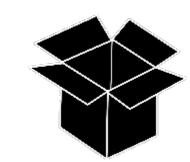
Call centre backed

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



Quick Orders

Quick Order Screen



Our Team





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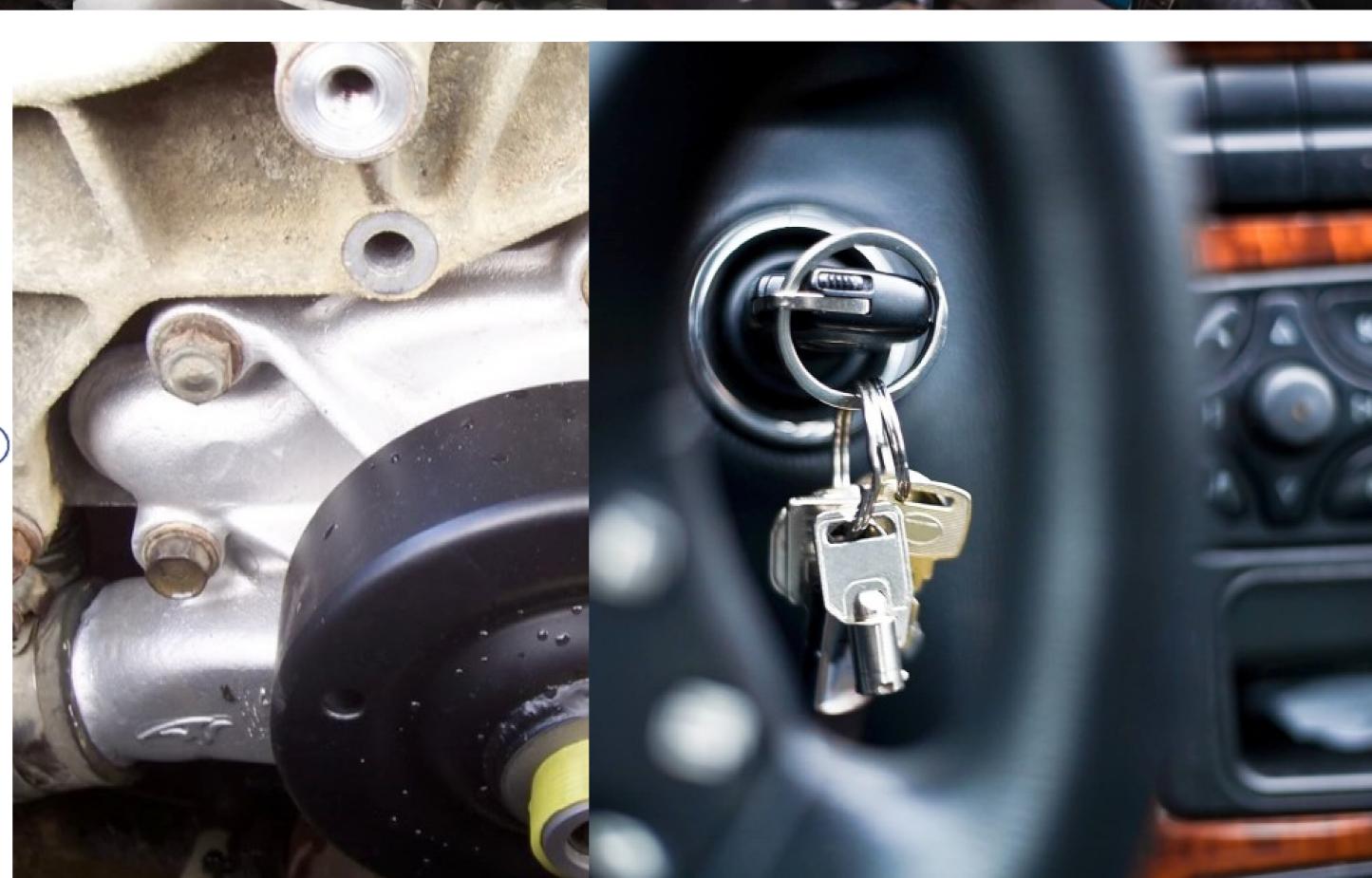
Telephone

Office Phone: +27 (11) 627 2500











Brand History



- 1949 Hyalco Manufacturing started
- 1972 Echlin Inc. acquired 92% of Echlin Manufacturing (Pty) Ltd (Hyalco)
- 1977 ACSA was founded as a distributor of Echlin
- 1979 S.A.E.C was acquired
- 1985 Motorola was acquired
- 1995 ACSA and Echlin was formed into one entity, ACSA-Mag
- 1996 PJ Manufacturing was acquired
- 1999 Dana acquired 100% of the shares
- 2007 Control Instruments acquires Dana
- 2014 Torre Acquires Control Instrument
- 2019 APG Acquires Torre













197

199

201



Echlin Product Categories



Cooling



- Radiator Caps
- Thermostats
- Water Pumps

Switches & Senders



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

Sensors



- Mass Airflow
- MAP
- CAM and crankshaft
- Wheel Speed
- Knock
- Oxygen/NOX

Ignition



- Points
- Condensors
- Rotors
- Distributor Caps
- Ignition Coils
- Glow Plugs *
- Spark Plugs *
- Ignition Leads *

Fuel Systems



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

Wheel Bearings





- Wheel Bearing Kits
- Hub Units



NEW Echlin Product Categories



Auto Electrical





- Alternators
- Starters

Filters







- Fuel Filters
- Oil Filters
- Air Filters
- Cabin Filters

Belts & Tensioners







- V-Belt
- Timing Belts
- Poly Belts
- Tensioner Kits



Cooling Components



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











Fuel 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











Ignition 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











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











Switches & Senders



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











Switches & Senders



General Switches

- Rocker
- Toggle
- Push Button



No of References: 318

















Sensors



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











Sensors



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











Sensors



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











Wheel Bearings & Hubs



Wheel Bearing Kits

• No of References: 686

• New References: 214







Hub Units

No of References: 85







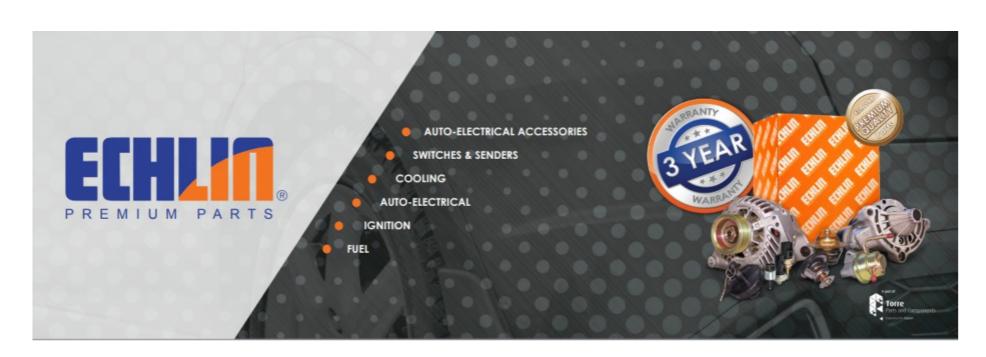




Marketing Support - Signage



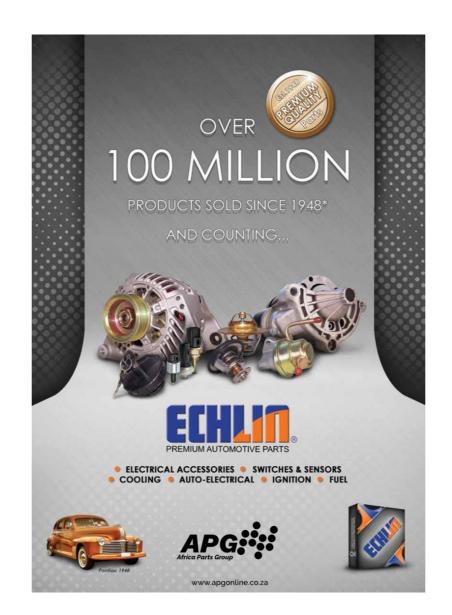












Signage available in custom sizes

- Window
- Door
- Light Box

Echlin Signage catalogue now available



Marketing Support



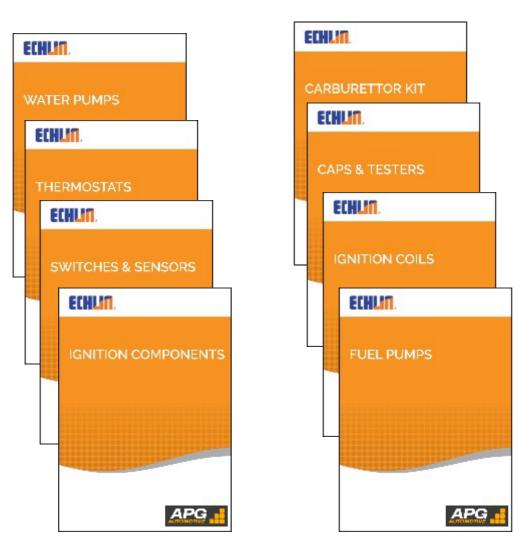
Merchandise





 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

Echlin Stock Bins



- Echlin Orange Bin Boxes
- Available for new ranges being stocked by a retailer
- Let our team range a new category in your store and provide you with Echlin bin boxes to store the product

E-Cat



- 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







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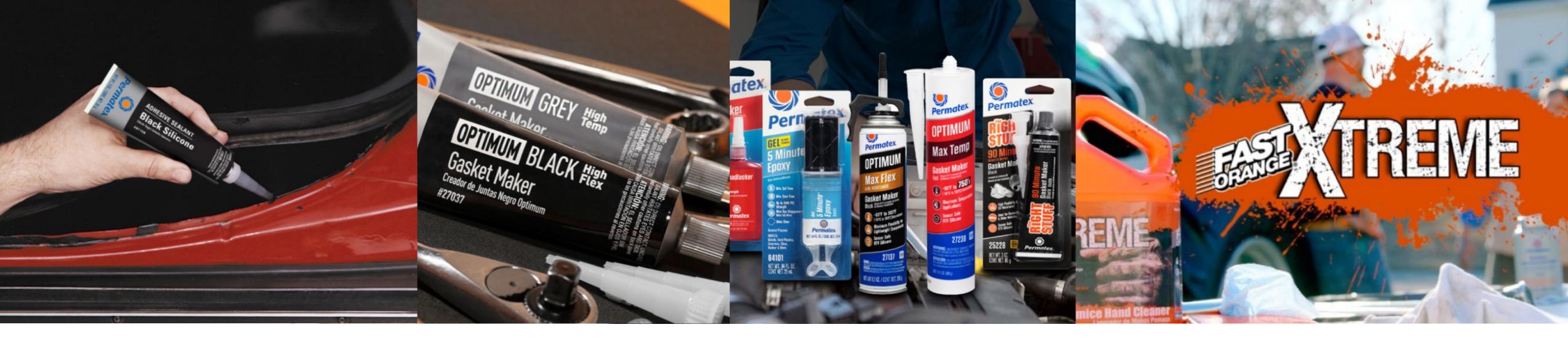
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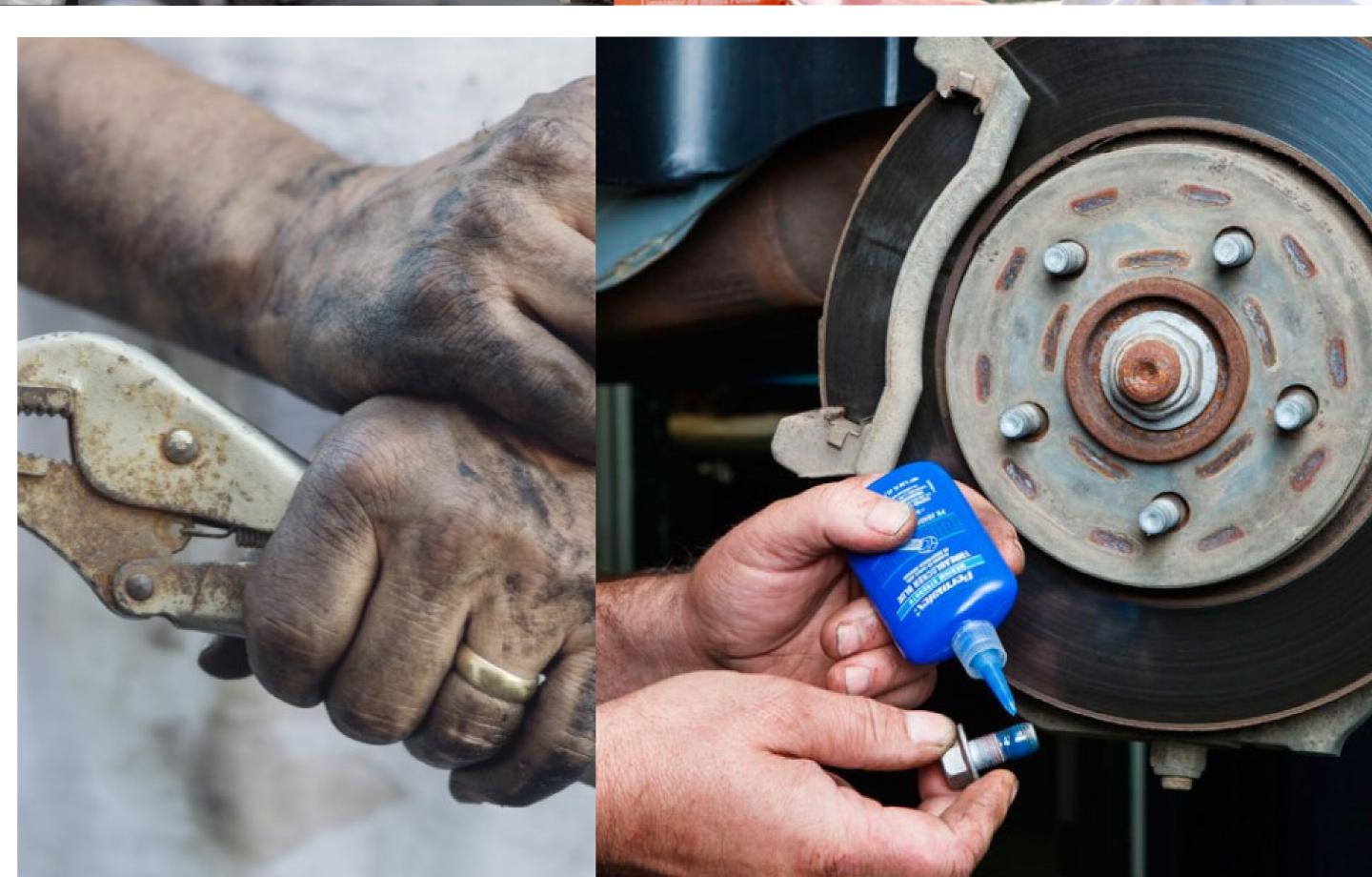
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Permatex Product Categories



Gasketing









- **Gasket Makers**
- **Anaerobic Gasket** Makers
- **Gasket Sealants**
- Gasket Removers

Thread Compounds









Permatex
Thread Sealant
with PTF
belate per blocks
cer PTF
880632

Permatex

- **Thread Lockers**
- **Thread Sealants**

Stop Leaks









- **Head Gasket** Repair
- Oil Stop Leaks
- **Power Steering** Leaks
- Radiator Repair

Adhesives & Sealants









Restricted Spray
Adhesive

- **Epoxies Adhesive Sealants**
- Spray Adhesives
- Super Glues
- Adhesive Removers
 - Weatherstrip Adhesives

Hand Care









- **Fast Orange**
- Wipes
- Hand Care
- **Extended Line**

Lubricants

Permatex









- Anti-Seize Lubricants
- Specialty Lubricants
- **Brake Lubricants**

Maintenance & Repair





Permatex





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



Stop Leaks



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



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.

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



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.

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



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.

Power Steering Repair Leak

Permatex ®Power Steering Repair Stop Leak

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



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**



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



- Prussian Blue
- Valve Grinding Compound

Repair Kits

- Wheel Restorations Kits
- Windscreen & Vinyl Repair Kits

Rust Treatments

- Rust Treatments
- Rust Dissolver Gel





















































Gasketing



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**







Hand Care



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











Thread Compounds



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



Adhesives & Sealants



Epoxies & Syringe Adhesives

- Epoxy
- Plastic Weld / Steel Weld / Cold Weld























Adhesive Sealants

- Silicone Adhesives
- Windshield Glass Sealer



- Leak Repair Spray / Headliner Adhesive
- All Purpose Spray



- 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









































Lubricants



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















Permatex Selector Charts



				ULTRA	20		OPTIMUN	VI		90 MIN			NE MINU	
	Permatex	Permatex	Permatex	Permatex	Permatex 0 in a second	Pernsition	Permater DOTIVEN	Petrodes Princips Princi	Permates Permates	Authorities (Control of the Control	Permeter	Parameter Annual Control of the Cont	Property of the second	
Product	Water Pump & Thermostat Silicone Gasket Maker	Gear Oil Gasket Maker	Ultra 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 Gasket 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 St Red Gaske Maker
Sizes/ Part number	220715oz TB	81182 - 3az TB 81184 - 5fl az CT			ТВ	27037 - 3.3502 TB 27137 - 9.502 PB 27237 - 1302 CT	27036 - 3.350z TB 27136 - 9.50z PB 27236 - 130z CT	27038 - 3.350z TB 27138 - 9.50z PB 27238 - 130z CT	25228 - 30z TB	34328 - 3oz 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 - 50z (34426 - 7.5 F 34424 - 10oz
Temp Range	-65°F to 500°F Intermit	-65°F to 500°F Intermit	-65°F to 500°F Intermit	-65°F to 500°F Intermit	-65"F to 650"F Intermit	-75°F to 500°F Intermit	-75°F to 700°F Intermit	-90°F to 750°F Intermit	-65°F to 500°F Intermit	-65°F to 500°F Intermit	-65°F to 650°F Intermit	-75°F to 450°F Intermit	-75°F to 450°F Intermit	-75°F to 650' Intermit
Sensor Safe	YE5	YES	YES	YES	YE5	YE5	YES	YES	YES	YES	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	Transfer Cases	Older Domestic Vehicles, Oil Pans, Oil Pumps, Valve Covers, Timing Covers	Domestic	Manifold or Header Flanges, Exhaust Flange	Components, Oil Pans, Timing Covers	High Performance Components, Exhaust Manifolds, Intake Manifolds		Coolant Flanges, Oil Pans, Timing Covers, Heavy- Duty Truck & Fleet	Coolant Flanges, Oil Pans, Oil	Header Flanges, Exhaust Flange	valve covers, timing covers		Exhaust Flan





Permatex Selector Charts



Permatex Thread ocker SELECTOR CHART												
	THREADLOCKERS Compound THREAD SEALANTS											
	Parmotex Desides her People States States	Almanies Alm	Permotex Transfering	Accompliant 1	Arrestes	Permetex Permet	Pertodes	Persectus Institute Institute	Promotion STAL LOCK MARKET PARTIES MARKET PARTIE	Permeter Services	Permales Thread Sector With the sector of	
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 - #24206 10 ml - #24210 50 ml - #24250 Use Get for Overhead Applications 5g GEL - #24005 10g GEL - #24010	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 Use Gel for Overhead Applications 5g GEL - #27005 10g GEL - #27010	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	
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/ Prievailing 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, axde nuts, dirt bikes, heavy-duty construction, power tools, lawn and garden	Ring gear bolts, transmission shaft 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	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 axle fill plug, power steering fittings	



Hand Care Sales Sheets & Posters









Permatex Fast Orange Displays











Contact Us







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Contact Info

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

Telephone

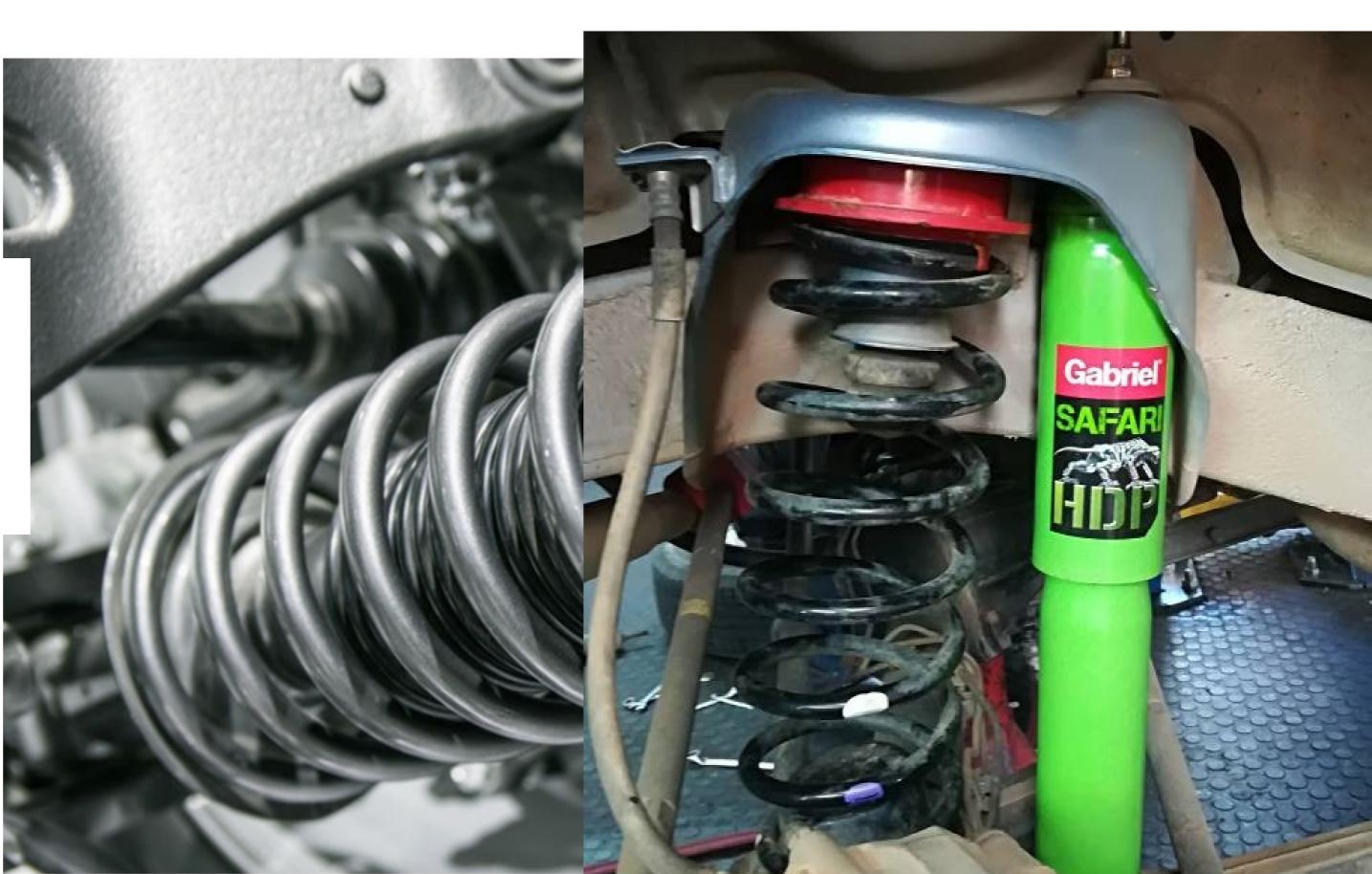
Office Phone: +27 (11) 627 2500





Be safe. Be sure

Cabrie 3





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.







Gabriel Product Range







- Nitrogen Gas Pressured for dynamic response
- Ride Comfort and Control
- Cars, LCV, MPV, SUV





- Heavy Duty Commercial Shocks
- Big Bore Size 41 and 52
 Diameter
- Ride Comfort and Control
- Heavy Commercial Vehicles and Fleet Applications





- Heavy Duty Nitrogen Infused
- Big Bore Size Shock
- Ride Comfort and Control
- LCV, Heavy Duty
 Passenger , Taxi, MPV,
 SUV





- Oil and Nitrogen Gas infused
- High Temperature Oil
- Hydraulic and Low Pressure
- Ride Comfort and Control
- Cars, LCV, MPV, SUV





- Heavy Duty Nitrogen Infused
- Big Bore Size Shock
- Designed for 4X4 and Heavy Duty Users
- SUV, 4X4, Light Commercial Applications





- Ø16 and Ø19 Bore working cylinder.
- Designed to be used to a pressure of up to 1000N(rod size applicable).
- Single lip rod seals.
- Sintered metal rod guides

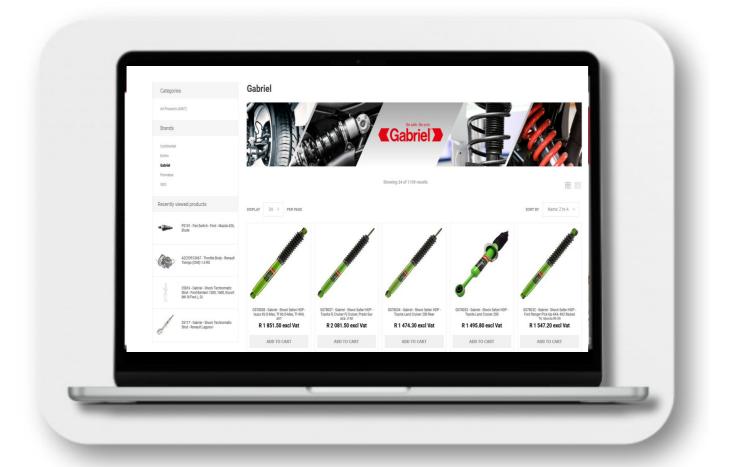


Gabriel Marketing Support





Catalogues



E-Cat On Line

8 SIGNS OF WORN SHOCKS

CAR NOSE DIVES WHEN BRAKING

EXCESSIVE BOUNCE ON ROUGH SURFACES

CAR VEERS EXCESSIVLY IN SIDE WINDS

CAR VEERS EXCESSIVLY IN SIDE WINDS

OIL SEEPING FROM THE SHOCK ABSORBERS

CAR DOES NOT HUG THE ROAD ON BENDS

DENTED OR DAMAGED HOUSING

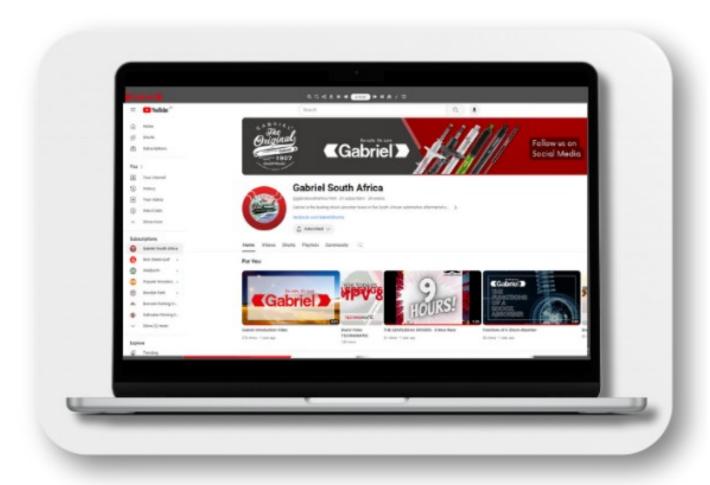
STEERING VIBRATES

UNIVERN BALD PATCHES ON TYRES

Merchandise



Signage







Promotions

Contact Us







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Contact Info

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

Telephone

Office Phone: +27 (11) 627 2500





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.







Instrumentation









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

Switches & Senders



- Pressure senders
- Temperature senders
- Tank level senders
- Pressure switches
- Temperature switches
- Adapters and fittings

Sensors



- Mass airflow sensors
- MAP sensors
- Cam and crankshaft sensors
- Wheel speed sensors
- Knock sensors
- Oxygen/NOX sensors

Actuators





- Throttle Actuators
- Idle Control Actuators
- EGR Valves

Fuel Systems





- Common Rail Diesel Systems
- Fuel Injectors
- Wide Range of Fuel Pumps

Cooling Systems



Electric Water Pumps

Wiper & Washer Systems





- Washer Pumps
- Washer Nozzles
- Washer Kits



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

































Sensors



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%)









Sensors



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%)









Sensors



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









Valves & Actuators



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



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

Contact Us







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