



Qualitat

European Motors Ltd

VW AUDI SKODA

SERVICE AND PARTS



In brief

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Workshop hours

Mon-Fri 7.30am - 5pm

Spares hours

Mon-Fri 7.30am - 5.15
Sat morning 8.30am - 12.30

Check out our website

www.qualitat.co.nz

Some other websites you
may like to check out -

www.vwownersclub.co.nz
www.audi.com
www.volkswagen.com

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Importers of Audi / VW / Skoda / Seat Parts

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Vagn says...



September 1st is known as the first day of spring and with daylight saving fast approaching on September 27th, it's spring cleaning time. Spring cleaning should not only relate to the house, but a time to catch up on other things you have been putting off over the winter period. I know I have covered this before, but be very wary of so-called cheap vehicle Full Service deals, most do not cover what you should be having done to your vehicle once a year.

By carefully maintaining your vehicle, you increase driving safety. You can be the world's most effective and skilful driver, but with a rotten ride, you and your vehicle become accident-prone. Every year, thousands of accidents occur as a result of vehicle neglect. It's not just bad driving that causes accidents, in fact when it comes to the majority of automobile accidents around the world, you have faulty brake systems, worn wiper blades and tyres, and leaking gas tanks to blame.

You help reduce pollution with vehicle maintenance. Most countries around the world have anti-smoke belching campaigns to help save the environment. Each year, your vehicle's noxious emissions contribute directly to global pollution. A well-maintained vehicle will easily limit the amount of dangerous fumes and automotive fluids released into the air and local water tables.

Another reason why you should maintain your vehicle is, it definitely lowers your cost of operation. I know it's common sense, but it never hurts to point out good advice, right? The point is a well-maintained car wouldn't need too many repairs. Meaning, you won't have to keep on heading to your car mechanic if you keep your vehicle in excellent condition

A hidden advantage behind careful maintenance is that in case you do decide to sell your vehicle, you're going to get a better price. Most buyers value excellent vehicle performance and condition over the car model. So it only follows that a well-maintained five-year-old vehicle is going to fetch a more handsome price compared with an ill-maintained and broken-down two-year-old car.

If you keep your vehicle well-maintained, expect it to perform better. You lengthen your vehicle's great performance if you keep a careful eye on its vital fluids, oil and various parts. If you don't maintain your vehicle well, expect it to quickly show signs of internal wear. Your car will also be more dependable if you make sure that it is always in good condition.

And lastly, a well-maintained vehicle will mean fewer roadside emergencies. There's nothing more frustrating than having your vehicle break down in the middle of nowhere with no tools at hand. Lessen your chances of getting stranded due to a cracked radiator, bad tyres or a malfunctioning battery by making sure your vehicle is in excellent condition prior to a long trip.

These are just some of the main reasons behind keeping your vehicle well-maintained.

Check out on page 2, detailing some of the full service parts checked, changed if necessary and why they should be, when we perform a Full Service.

I wish you happy, safe and trouble free motoring.

Vagn

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◆ **We are importers of parts for**

- ◆ **VW**
- ◆ **Audi**
- ◆ **Skoda**
- ◆ **Seat**

◆ **Repairers of all vehicles.**

◆ **We have technicians trained in**

- ◆ **VW**
- ◆ **Audi**
- ◆ **Skoda**
- ◆ **Seat**



Some Full Service items checked and replaced and why

Oil has to do some very important work inside an engine. The most obvious function is to lubricate the moving parts. An engine relies on lots of bits of metal moving up and down or rotating at very high speeds, and for it all to work properly they have to fit very closely together. But if they touch, friction will very quickly heat the surfaces and they will melt. So, oil is pumped around all the moving parts to provide a continuous thin film between them to stop them touching.

The second purpose oil serves, is to carry heat away from the moving parts, heat from friction and the heat from the burning fuel. And finally, it has to mop up a lot of nasty stuff produced as a by-product of the burning fuel and store it in suspension until the next oil change – you might view an oil change as the automotive equivalent of a trip to the loo!

In order to do all this the oil has to be thick enough for the thin lubricating film to stay intact at very high pressures and to withstand all the buffeting which goes on – bear in mind that a cylinder “firing”, is actually a mixture of fuel and air exploding and you’ll get the idea. And, of course it has to stay thick as it heats up. At the same time it has to be thin enough to circulate freely, especially when the engine’s cold.

If you thought crude oil was expensive, you should see what dirty oil can cost.....

Spark Plugs - The ignition system generates a very high voltage and sends it at just the right moment to the spark plug where it jumps the gap between the electrodes in the form of an intense and very hot spark, which sets fire to the petrol. The voltage needed to jump the gap and generate the spark depends mainly on two factors. One is the size of the gap. The other factor is the strength of the mixture of fuel and air. A rich mixture – one where there’s quite a lot of fuel – will help the spark jump between the terminals more easily. This becomes important as the spark plug ages. The constant blasting of tens of thousands of volts between the electrodes makes them burn away slowly – increasing the gap and therefore increasing the voltage needed. If the car does lots of short trips or runs on low detergent petrol, combustion deposits also build up on the plug which can coat the electrodes and again increase the voltage needed to generate a good spark. If the voltage has to rise higher because of a worn or dirty plug, the spark is a little later than the engine management computer expects it to be – the ignition is retarded, meaning the engine loses power and wastes fuel. Most modern engines will automatically compensate for this by advancing the timing as the plugs age, but only up to a point. The upshot of all this is that the engine is not quite responding the way it should and although the computer can tweak various things to compensate, eventually it runs out of ways to keep it performing at peak efficiency,

The oil filter traps various pieces of dirt, metal and non-metal particles, soot and carbon deposits in the engine oil. If a filter other than a good quality oil filter is used, it could happen that the filter prematurely clogs up and reduces the flow-through of oil, or there could be a leak of unfiltered oil into the engine. An undesirable consequence could be the overheating of the engine or a seizure.

The fuel filter catches undesirable dirt particles, such as dust, rust, water and deposits from the tank, and thereby protects the extremely sensitive injection set from damage.

The air filter ensures the input of clean air into the engine and also has a positive influence on the noisiness of the suction tract. A poor quality or excessively dirty air filter disturbs the correct ratio of air and fuel in the combustion system, which negatively affects fuel consumption.

Pollen and dust filters catch solid dirt and aerosol substances, and therefore ensure clean air inside the car.

Volkswagen News ...

Volkswagen Motorsport is developing its first racing car based on the seventh generation Golf.

It will be a production-based 330hp concept car, assembled in accordance with TCR (Touring Car Racer International) regulations and is intended to help Volkswagen evaluate a potential customer racing programme from the 2016 season onwards.

Initial testing will take place in the eighth round of the Touring Car Racer International Series at the Red Bull Ring in Spielberg.

Visually, it will look like it is ready for a race. With 18-inch rims, a chassis roughly 40 centi-



metres wider than a production Golf, and a striking rear wing giving it that ‘ready-to-race’ appearance. The 2.0-litre turbo engine with direct fuel injection comes from the top-sporting model, the Golf R.

Volkswagen News cont..

Volkswagen was the global leader of auto sales in the first half of 2015, nudging passed Toyota. However, in the U.S. they realise the need to stimulate more interest in Volkswagen, and to this end they plan to invest heavily in a new Research and Development Centre in Tennessee. Initially they plan to hire 50 engineers, but by the end of 2016 that number will be closer to 200 engineers.

At an auction in Melbourne, this Volkswagen Kombi van sold for NZ\$210,300.

But to the anonymous collector with an unbridled passion for air-cooled vans, his money was well spent securing this 1960 Volkswagen Kombi.

Major restoration work had brought about an amazing result with the finished vehicle and at the auction those present gave the sale a standing ovation.



ŠKODA News ...

A recent British survey of over 13,000 motorists, named the ŠKODA as the most reliable vehicle on their roads. Whilst they may not be the first to receive new technology as their more premium stable-mates do, it proves the value of sorting out any possible 'bugs' or 'gremlins' before they are introduced into full production. Some manufacturers are very keen to be 'cutting edge' but sometimes only time on the road will reveal possible weaknesses.

Interestingly, a considerable amount of complaints of those premium brands not rating so highly, were related to technology not quite living up to people's expectations.

It is true, we have certainly moved a long way from the basic mechanics of cars gone by.

Fabia Street Art



The Fabia Street Art is the unique result of what happened when Portuguese graffiti-artist Arman do Gomes (who is regarded as one of the world's best graffiti artists) was given creative licence with this ŠKODA Fabia. The car has now become part of the ŠKODA Museum's collection and will be used for various promotions.

The *Australasian New Car Assessment Programme* (Ancap) has given the ŠKODA Fabia hatch and wagon a five-star score in its latest round of safety testing.

An important factor within this new rating is that it will have *autonomous emergency braking* (AEB) technology. This new technology has resulted in the reduction and severity of road crashes caused by rear-end accidents, by up to 50%.

What's new with the Spanish Police?

It appears it is their new fleet of vehicles. Previously these were Alfa-Romeos, but now they have switched to SEATs.

In other words - a Spanish VW.

4000 SEAT vehicles over three years, with the first batch being turbo-diesel Leon hatches and wagons. These will have armoured protection including bulletproof doors and glass all around, beefed-up suspension and tyres capable of taking a few bullets.

The back seats, where the criminals sit - will be sealed off from the front of the vehicles.

Car Firewalls

Firewalls used to be a fireproof wall between the engine and the passenger compartment.

Now, in this modern technological age it is to prevent hackers taking control of cars by way of the computerised components. Cars that have these latest firewalls should come with a cyber security rating, a bit like the fuel and safety ratings we already know about.

However, some 'technos' suggest that it is *inviting* hackers to attack, as for most hackers - it is all about the 'challenge'.

The higher the rating - the more attractive is the challenge.

Don't overload your key rings.

If you still start your car using an actual key, do not overload your key ring. Putting extra weight and stress on your ignition switch/lock assembly by having too many keys and other things, may lead to premature wear in the internals of the switch. Four keys is considered acceptable.

Ignition locks are normally secured to the steering column with tamper-proof or sheer bolts. During assembly, the bolts are tightened to a torque setting where the head of the bolts break off, making removal at a future time fairly difficult.

Replacing the ignition lock is not cheap, nor is it straightforward. Also, if your ignition key is looking worn, it may pay to get a new one cut.

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- Volkswagen Parts
- Skoda Parts
- Seat Parts
- Audi Servicing
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The new Audi S8 plus sedan

The new **Audi S8 plus sedan** performance is being hailed as being close to a supercar.

0 - 100kmh in 3.8 seconds. Its top speed claimed to be 305 kmh, but it is governed to 250 kmh - which should be quite fast enough for anyone.

The increased top speed is part of a dynamic package which, in addition to carbon-fibre ceramic brakes, also includes a sport exhaust system modified by Quattro to provide an unmistakably sporty V8 sound.

The S8 plus's body is made almost entirely of aluminium and weighs just 231 kg.

It will possibly be on the New Zealand market around the middle of next year, but rest assured it will also come with a fairly hefty price tag.



When is a VW not a VW?

Obviously on this occasion - this VW body has a huge V8 stuffed under the front hood.

It was seen at a 'mud plug' event near Dawson City, Canada, an old gold mining town which is still largely in that era, with it's boardwalks and old buildings.

Mud plug events are where two high powered vehicles compete in the mud.



We now offer the latest diagnostic equipment including Key Coding and Software Updates for your late model Volkswagen, Audi and Skoda. Contact us for more information.

QUALITAT SERVICING

With every FULL service, comes a FREE car wash.

Getting your vehicle serviced at regular intervals is vital to your car's long life and good performance, not to mention fuel savings.

For vehicles less than 5 years old, every 15,000 km or 12 months.

For vehicles five years and older, every 10,000 km or 12 months.

For older air-cooled vehicles, every 6000 miles or 6 months.

Pre-Purchase Vehicle Inspections

Qualitat offers a comprehensive pre-purchase inspection service so you can be informed about your next purchase.

Pre -purchase inspection is priced at \$180.00 incl. g.s.t.

Free W.O.F. check

If you have a FULL service when your Warrant of Fitness is due, you will get the WOF check for free, saving \$45 + GST.

Phone (09) 579 3710 now, for an appointment.