

VXR

2012 Models Edition 1



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VXR. Live the change.

Advances in automotive technology have diluted the modern driving experience to the point where many of today's 'performance' cars have become soulless and uncommunicative. You feel like you're not actually driving. You feel like you're being driven: you feel disconnected.

VXR changes all that. VXR is here to reconnect the driver to the road – not with a wire, but with a heartbeat. There's a range of VXR models, every one a focused performance machine, the kind you want to be driving if you like to get up in the night for a blast, just for the hell of it. If you are that type of person, then you've got VXR in your blood. You just might not know it yet.

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Please see back cover for more details.

A red Vauxhall Astra GTC is shown from a low-angle, rear-quarter perspective. The car is parked on a dark surface in front of a modern building with a blue-tinted glass facade. The building's architecture features sharp, angular lines and a grid of dark frames. The lighting is dramatic, with a bright light source in the upper right corner creating a strong glow and casting long shadows. The car's sleek, aerodynamic design is highlighted, particularly its multi-spoke alloy wheels and the distinctive lines of its rear end.

Astra GTC. Drive your emotions.

Bold. Pure. Iconic. Astra GTC puts passion high on the agenda and is an eye-catching new addition to the Astra line-up. Its stunning, coupé-like profile and distinctive, blade-inspired lines speak volumes about Vauxhall's design philosophy. And when the VXR model comes on line with drop-dead styling, a specially designed chassis and electrifying performance you can be sure it will deliver the kind of driving experience that's well worth waiting for.



A red Opel Corsa VXR is shown from a rear three-quarter view, driving on a winding asphalt road. The background features a rugged, rocky mountain landscape under a cloudy sky. The car's rear wheel, door, and side mirror are visible.

New Corsa VXR

The power to reach 60mph in just 6.5* seconds. The ability to stay in control from a dynamic sports chassis set-up. The reassurance that comes from a range of serious safety features. Choose your weapon – VXR, VXR Blue or VXR Nürburgring Edition model. All you need do is point and shoot.

*18-inch alloy wheels and Adaptive Forward Lighting are optional at extra cost. *Nürburgring Edition models.*





Car illustrated features 18-inch alloy wheels, optional at extra cost.

Whichever way you look at it, Corsa VXR doesn't hang around. The lightweight 1.6 litre turbo puts out 192PS and the software controlled overboost increases maximum torque to 260+Nm for safer overtaking. No worries in the chassis department either. With lowered sports suspension, bigger brakes, switchable Electronic Stability Programme (ESP) with traction control and ABS with straight line stability control and cornering brake control – it's all designed for rapid, safe progress.

Corsa VXR equipment and specification highlights:

Exterior features

- VXR honeycomb sports front grille and air dam/bumper
- VXR front fog lights with alloy-effect surround
- Unique VXR twin-arm door mirrors
- VXR side sills
- VXR rear bumper incorporating diffuser
- VXR triangular centre exit exhaust tailpipe
- VXR rear roof spoiler
- Dark-tinted rear windows optional at extra cost




Design theme. Corsa VXR's electrically heated door mirrors, front fog light surrounds and centre exit exhaust tailpipe all share a unique triangular design theme.



Alloy wheels. The 17-inch Y-design alloy wheel (illustrated right), is standard on Corsa VXR with 215/45 R 17 ultra-low profile tyres. And if you fancy something a little wilder, how about the optional 18-inch alloy wheels with 225/35 R 18 ultra-low profile tyres? Serious performance and visual impact all in one package.




Engine

- 1.6i 16v ECOTEC-4 Turbo (1598cc)
- Maximum power: 192PS (141kW) @ 5850rpm
- Maximum torque: 230Nm* (170 lb.ft.) @ 1980-5850rpm
- Compression ratio: 8.8:1
- Bore/stroke: 79.0mm x 81.5mm
- Turbocharger integrated into exhaust manifold
- Intercooler
- Sodium-filled exhaust valves
-  see page 24

**Increased to 260+Nm for five seconds with turbo overboost function.*

Chassis, suspension and brakes

- Lowered and updated VXR sports suspension  see page 24
- Switchable Electronic Stability Programme (ESP) including traction control
- Front ventilated disc brakes: 308mm diameter
- Rear disc brakes: 264mm diameter

Transmission

- Six-speed manual gearbox
- Gear ratios: 1st – 3.82:1, 2nd – 2.16:1, 3rd – 1.48:1, 4th – 1.07:1, 5th – 0.88:1, 6th – 0.74:1, Final drive – 4.18:1

Performance (manufacturer's figures)

- Maximum speed: 140mph
- Acceleration 0-60mph: 6.8secs

Fuel economy and emissions

- mpg (litres/100km)
- Urban driving: 28.8 (9.8)
- Extra-urban driving: 47.9 (5.9)
- Combined figure: 38.7 (7.3)
- CO₂ emissions: 172g/km

Wheels and tyres

- 17-inch Y-design alloy wheels with 215/45 R 17 ultra-low profile tyres (illustrated bottom left)
- 18-inch 5 Y-spoke forged bi-colour alloy wheels with 225/35 R 18 ultra-low profile tyres, optional at extra cost (illustrated on page 2)
- Car supplied with emergency tyre inflation kit in lieu of spare wheel



VXR fascia. Think of it as VXR mission control. This is where it all happens if you're a Corsa VXR driver. Black sports instruments with translucent rings and red highlights. Piano black-effect centre console with quality CD 30 MP3 audio and aux-in socket. Illuminated translucent switches. Cruise control. Trip computer. And you.



VXR steering wheel. You don't stick any old wheel on a car like Corsa VXR. This three-spoke is trimmed in black leather with silver stitching and the audio remote controls in cool Piano black-effect panels. It's flat-bottomed too and has a VXR logo mounted in its own alloy trim.



VXR detailing. The Corsa VXR interior is packed with VXR-specific details. A leather-trimmed gear knob with VXR logo takes charge of the six-speed gearbox. There are sports pedals, and VXR-logo floor mats and sill covers.

Interior features

- Recaro shell-backed sports front seats with Morrocana-trimmed side bolsters and integral head restraints
- Driver's and front passenger's front, side-impact and curtain airbags
- Three-spoke flat-bottom leather-covered sports steering wheel with VXR logo
- Unique VXR instrument panel with stepper motor speedometer and tachometer
- Unique VXR gear knob
- Sports pedals
- VXR alloy-effect door sill covers
- CD/MP3 CD player/aux-in/stereo radio (CD 30 MP3)
- Remote control security alarm system
- Air conditioning
- Cruise control
- Trip computer

Insurance group (ABI recommended)

- 50 Group rating – 32D



Recaro seats. Corsa VXR comes with height-adjustable, 'shell-backed' Recaro VXR sports front seats to keep you in place when the going gets a little quick. They provide just the support you need right where you need it. And they look pretty awesome too.



Corsa VXR Blue Edition. The same performance pedigree as the Corsa VXR. The same confident stance and on-the-road presence. Finished in striking Arden Blue with a unique finish to the 18-inch alloy wheels and sporting a complementary interior complete with blue accent finishing touches, it has the power and soul to make you feel alive, electrified and inspired.



The Recaro shell-backed front seats are trimmed in unique Blue Splice cloth with Morrocana bolsters and blue stitching. Figure-hugging, height-adjustable and totally supportive when the going gets serious.

The Blue Edition comes with blue facia air vent surrounds and a flat-bottomed, blue-stitched leather steering wheel. Like every Corsa VXR, it's well-equipped all round and packed with special VXR detailing.



The Corsa VXR packs serious stopping power. With big diameter discs – vented at the front. Check out the Blue Edition 18-inch V-spoke alloys with a unique satin titanium finish, wrapped in 225/35 R18 ultra-low profile rubber.



Don't even ask. This VXR comes in no other colour. Just Arden Blue. Right down to its electrically heated, twin-arm door mirrors. And because a little contrast goes a long way, we've added dark-tinted rear glass to complement the sporty black B-pillars.



New Corsa VXR Blue Edition

When you name a car after one of the toughest race tracks in the world, it had better deliver. The Corsa VXR Nürburgring Edition delivers. Big time. Blooded at Germany's notorious Nürburgring Nordschleife – the test circuit to end all test circuits – a 205PS 1.6 litre turbocharged engine, Drexler mechanical limited-slip differential, Bilstein developed chassis set up, uprated sports exhaust and high performance Brembo braking say this is Vauxhall's most powerful Corsa ever. The result? A seriously engaging track-taming sensation that does full justice to the VXR badge.



'Shell-backed' Recaro sports front seats. VXR facia, steering wheel, gear knob and sports pedals. And driver-focused ergonomics that put you fully in control. The Touch and Connect multi-media satellite navigation system is optional at extra cost.



The Nürburgring signals its sporting intent with a hardcore stainless steel dual exhaust system. Newly designed 18-inch lightweight forged alloy wheels in high-gloss Anthracite. And serious rubberware: 225/35 R 18 ultra-low profile tyres for massive grip.

With 250-280Nm* of torque and 205PS, the Nürburgring Edition piles on the performance as cleanly as you like. To harness the power potential, the Nürburgring employs a Drexler traction-enhancing mechanical multi-plate limited-slip differential. Brembo four-piston front brakes ensure exceptional stopping ability too.

Unique 'Nürburgring Edition' black-finish door sill covers set the tone; striking VXR-style details underline the message.

The Nürburgring Edition is available in four colours – all red hot. Choose from Glacier White, Chilli Orange, Lime Green or Black Sapphire. Check them out on page 40.

Fuel economy and emissions

mpg (litres/100km)

- Urban driving: 27.7 (10.2)
- Extra-urban driving: 46.3 (6.1)
- Combined figure: 37.2 (7.6)
- CO₂ emissions: 178g/km

**Increased to 280Nm with turbo overboost function.*



For more detailed information
please ask your Vauxhall retailer
for a copy of the separate Corsa
VXR Nürburgring brochure or
log on to www.vxr.co.uk

New Corsa VXR Nürburgring Edition

A night cityscape with a blurred blue light streak in the foreground. The city lights are reflected in the water, and the sky is dark with some clouds. The light streak is a bright blue line that curves across the bottom of the image, suggesting speed and motion.

Insignia VXR

If Insignia speaks a whole new language. Insignia VXR talks in absolutes. A 2.8 litre V6 Turbo that develops 325PS. A massive 435Nm of torque. And 0-60mph acceleration in just 5.6 seconds*. But it's not just about absolute power. But absolute control. An adaptive 4X4 system, electronic Limited Slip Differential (eLSD) and HiPerStrut front suspension system put the driver in total command. And you can now specify an automatic model with paddle-shift controls on the steering wheel. Because we understand that with power, comes responsibility.

**Manual hatchback and saloon models.*





Insignia VXR

When it comes to identity, Insignia VXR has clearly got something to say – muscular front bumper with vertical air intakes, rear diffuser and integrated matt chrome tailpipes on every model – hatchback, saloon and Sports Tourer. But this VXR says everything about performance styling in the appropriate tone. When you're this confident in your ability, there's no need to raise your voice.

20-inch alloy wheels and two-coat metallic paint optional at extra cost.



Make no mistake. Insignia VXR is designed to perform. The all-aluminium, 24-valve V6 turbo features dual variable valve timing (VVT). Each piston is individually oil-cooled. The exhaust valves are sodium-filled and the throttle is electronically controlled. The single, twin-scroll turbocharger feeds the mixture via twin individual variable inlet manifolds. And the end result? Seamless, explosive power delivery. Through a computer-controlled, Nürburgring-proven, 4X4 chassis that puts you in total control. Absolutely.

Insignia VXR equipment and specification highlights:

Exterior features

- VXR front grille and air dam/bumper
- VXR side sills
- VXR rear bumper and rear skirt
- VXR rear lip spoiler (hatchback/saloon)
- VXR rear roof spoiler (Sports Tourer)
- Performance-optimised exhaust system tuned for sound
- Intelligent Adaptive Forward Lighting (AFL) incorporating bi-xenon headlights
- Rain-sensitive windscreen wipers
- Tyre pressure monitoring system



Adaptive Forward Lighting (AFL).

Insignia VXR's Intelligent AFL headlights change their pattern to suit the location and the weather. Sensing where you need the light most, they can even help you see around corners. And if something is coming the other way, they dip automatically.



Alloy wheels. Serious wheel and tyre combinations are a VXR speciality. Insignia VXR comes with 19-inch V-spoke alloys and high-grip 245/40 R 19 ultra-low profile tyres as standard (illustrated right). Want to go bigger? Try the 20-inch forged alloy option with 255/35 R 20 ultra-low profile tyres.



Engine

- 2.8i 24v ECOTEC-V6 Turbo (2792cc)
- Maximum power: 325PS (239kW) @ 5250rpm
- Maximum torque: 435Nm (321 lb.ft.) @ 5250rpm
- Compression ratio: 9.5:1
- Bore/stroke: 89.0mm x 74.8mm
- Single, twin-scroll turbocharger with intercooler
- Variable valve timing

Chassis, suspension and brakes

- HiPerStrut front suspension system
 - see page 24
- Adaptive 4X4 permanent four-wheel drive system with FlexRide®
 - see page 25
- Brembo ventilated/cross drilled, front disc brakes: 355mm diameter
 - see page 25
- Brembo 4-piston front brake calipers
 - see page 25
- Ventilated rear disc brakes: 315mm diameter
- Electronic Limited Slip Differential (eLSD)
 - see page 25

Transmission

- Six-speed manual gearbox
- Six-speed automatic with paddle-shift facility optional at extra cost

Performance (manufacturer's figures)

Maximum speed (mph):	Man	Auto
Hatchback/Saloon	155	155
Sports Tourer	155	155
Acceleration 0-60mph (secs):		
Hatchback/Saloon	5.6	5.9
Sports Tourer	5.9	6.2

Fuel economy and emissions

mpg (litres/100km)	Man	Auto
Urban driving:		
Hatchback/Saloon	17.9(15.8)	17.5(16.1)
Sports Tourer	17.7(16.0)	16.9(16.7)
Extra-urban driving:		
Hatchback/Saloon	37.2(7.6)	37.7(7.5)
Sports Tourer	35.8(7.9)	36.2(7.8)
Combined figure:		
Hatchback/Saloon	26.6(10.6)	26.4(10.7)
Sports Tourer	25.9(10.9)	25.7(11.0)
CO ₂ emissions: g/km		
Hatchback/Saloon	249	251
Sports Tourer	255	259

Wheels and tyres

- 19-inch V-spoke alloy wheels with 245/40 R 19 ultra-low profile tyres
- 20-inch five Y-spoke forged bi-colour alloy wheels with 255/35 R 20 ultra-low profile tyres, optional at extra cost (illustrated on page 19)
- Car supplied with emergency tyre inflation kit in lieu of spare wheel



Two-coat metallic paint and 20-inch alloy wheels optional at extra cost.



Sporting comfort. Inside you're wrapped in Recaro sports front seats with intuitive ergonomics that put you in total control. From a comfort perspective, the driver's seat has both height and lumbar adjustment which, along with a reach and rake adjustable steering column, helps ensure you find the perfect seating position. And serious support from the Morrocana-trimmed side bolsters keeps you in place when the fun starts.

Interior features

- Recaro sports front seats with Morrocana-trimmed side bolsters
- Driver's and front passenger's front, side-impact and curtain airbags
- Three-spoke flat-bottom leather-covered sports steering wheel with VXR logo
- Unique VXR instrument panel graphics
- VXR floor mats
- VXR leather-covered gear knob
- VXR sports pedals
- VXR alloy-effect door sill covers
- CD/MP3 CD player/aux-in/stereo radio with DAB (CD 400) and graphic display
- Ambient interior lighting
- Automatic Lighting Control (ALC)
- Electro-chromatic anti-dazzle rear-view mirror
- Single-zone Electronic Climate Control (ECC)
- Cruise control
- Trip computer
- Remote control security alarm system

Insurance group (ABI recommended)

- 50 Group rating – 36E



VXR button. Hit the VXR button and the Insignia VXR tightens the suspension, sharpens the throttle response and makes the steering more direct.



VXR instruments. Insignia VXR takes care of driver information via a well-appointed cluster of red accented instruments, with digital graphic display of oil temperature, oil pressure and boost pressure figures.



Sporting details. The VXR heritage is further emphasised by the unique VXR gear knob, VXR-logo floor mats and alloy-effect door sill covers.



Automatic transmission with paddle-shift. Insignia VXR is now available with a six-speed automatic transmission complete with steering wheel mounted paddle-shift for fingertip sequential gear changes.



Navi 600 satellite navigation system and Leather Pack are optional at extra cost.

Technology explained. You don't have to be a race car designer to understand why VXR models are so special. The results speak for themselves. But just in case you're wondering about what lies behind our performance features, we've explained a few of them here in a little more detail.

Sodium-filled exhaust valves.

Turbocharged engines develop a considerable amount of heat, particularly in their combustion chambers. The hollow stem of the exhaust valve is partially filled with Sodium. Sodium is an alkaline metallic chemical that can transfer heat far better than steel. When the engine runs at its optimum temperature the exhaust valves become extremely hot, at these high temperatures the Sodium becomes a liquid which is able to move up and down the hollow valve stem. When the liquid sodium reaches the valve head it absorbs the heat and, as it travels down to the bottom of the valve stem, transfers it to the valve guide. The heat is then dissipated via the water galleries within the cylinder head and block.

Sports suspension. It could be argued that creating a sports suspension system is relatively easy; simply fit some uprated springs, dampers and, possibly, anti-roll bars and it's ready. There are plenty of aftermarket kits available, after all. But for VXR we wanted to go a few steps beyond.

VXR models feature all of these, naturally, but we've incorporated a number of extra suspension and steering revisions that separate them from other sports models in the Vauxhall range. Features such as stronger, low-friction anti-roll bar mounts and drop links, which allow the anti-roll bars to work at peak efficiency at all times. Rebound stop springs within the dampers, designed to reduce traction-robbing pitch from the chassis, and revised steering geometry, which gives drivers increased feedback and allows them to more accurately judge grip levels. In fact, the Corsa VXR Nürburgring Edition model features specially commissioned progressive-rate springs and inverted monotube dampers courtesy of Bilstein. In addition to the considerable chassis work on the UK's unique road surfaces, much of the development of the VXR range was carried out at the legendary Nürburgring Nordschleife circuit in Germany, the ultimate test of chassis performance. Manuel Reuter, twice winner of the Le Mans 24-hour race, was on the test team and his vast experience contributed to the final set-up of the cars.

Absolute control doesn't happen by chance. Insignia VXR makes it happen with innovative, electronically controlled chassis engineering. These are just a few examples of what makes it so special:

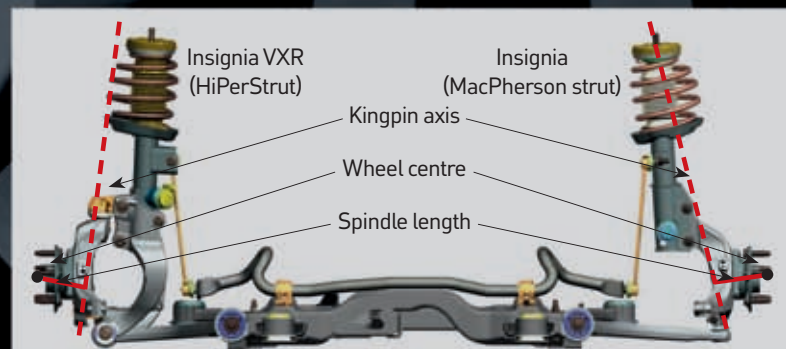
HiPerStrut front suspension.

The Insignia VXR uses a significant evolution of the regular Insignia's MacPherson strut front suspension. The HiPerStrut (High Performance Strut) suspension improves grip and allows more power to be applied during cornering.

While the suspension uses the same fixing points as in other Insignias, the kingpin inclination angle has been reduced from 13 to 9 degrees, therefore shortening the spindle length by 23mm to 44mm,

allowing drivers to better exploit the Insignia VXR's 325PS power potential.

The reduced kingpin angle means less camber loss, which allows the front tyres to retain more of their contact patch with the road during cornering, therefore delaying the onset of understeer. And the shorter spindle length significantly reduces torque steer reactions and improves resistance to steering kickback through rutted bends. In addition, compared to the standard SRI model, the ride height of the Insignia VXR has been reduced by 10mm, spring rates have been stiffened and bespoke suspension bushes are used. To achieve the best handling balance, the front and rear anti-roll bar diameters have also been revised.





Adaptive 4X4. The advantages begin when you pull away. All four wheels of the Insignia are engaged for stable acceleration with maximum grip. In normal driving, the power is split 95% front/5% rear, but under acceleration the system automatically diverts more power to the rear wheels for maximum traction before gradually moving power back towards the front wheels. With either the VXR or Sport button depressed, the system apportions more power to the rear wheels in a 40% front/60% rear split to give an even more sporting feel.

Electronic Limited Slip Differential (eLSD). The electronic Limited Slip Differential (eLSD) is fitted as standard to the rear of the Insignia VXR offering even more benefits for the enthusiastic driver. By sensing which rear wheel has the most grip, eLSD can transfer more torque to the wheel most able to utilise it. Up to 50% of the rear axle torque can be transferred between the rear wheels, increasing stability during high speed lane changes and providing more traction when accelerating out of corners.



FlexRide® (Adaptive Stability Technology). The Insignia VXR FlexRide® provides three different driving modes: select 'VXR' for ultimate driving dynamics or 'Sport' for everyday sporty driving. 'Normal' is the default mode. In extreme situations, FlexRide® automatically adjusts the damping to provide maximum safety and control in every driving mode.

Drexler Limited Slip Differential (LSD). To harness the power potential of the 205PS engine, the Corsa VXR Nürburgring employs a Drexler traction-enhancing mechanical, multi-plate LSD; this also tames the power during cornering or sudden changes in road surface.

Brembo braking systems. The Corsa VXR Nürburgring features a four-piston Brembo front braking system. Some 30% lighter than the standard system the set-up features high-performance pads across a 10% larger area giving improved braking performance and exceptional stopping power.

The Insignia VXR also features Brembo four-piston calipers with 355mm diameter ventilated and cross-drilled front discs. These brake discs were specifically developed for the Insignia VXR and feature a unique cast iron braking surface with an aluminium 'hat' combining the heat resistance benefits of cast iron with the lightweight performance properties of aluminium. This means less fade under repeated braking and more pedal feedback.

While the Insignia VXR's uprated front discs are heavier due to their increased diameter, each caliper is actually lighter meaning that the overall unsprung mass is reduced which not only improves agility, but steering and handling precision also.



20-inch alloy wheels optional at extra cost.

There isn't much you can add to improve a VXR, but a range of extra-cost options is available just in case you want to personalise it a little further to suit your own needs. We've only included a sample of what's available here. The online Vauxhall Car and Accessory Price Guide has all the details.



Insignia satellite navigation. Find your way to anywhere, at any time. Satellite navigation can determine your location and guide you to your destination by the best and fastest route. The Traffic Message Channel (TMC) function can even change the route according to breaking traffic news.



Unlimited Pack. Test your Insignia trackside with this new option. The top speed limiter is removed allowing a potential top speed of 170mph communicated via an increased range speedometer. Blue Brembo lettering on the brake calipers visually signify the upgrade.



New Corsa Touch and Connect. An intuitive touch-screen navigation system complete with USB connection and Bluetooth® connectivity featuring 4x20W per channel output and seven premium speakers.




Bluetooth® connectivity. Optional on both New Corsa and Insignia VXR, the system enables your mobile phone to interface with the infotainment unit for operation via the steering wheel control, fascia display or voice activation via Bluetooth®.



Adaptive Forward Lighting (AFL). Optional on New Corsa VXR, the lighting system swivels the beams up to 15 degrees for improved vision as you turn a corner. On Insignia VXR, the standard Intelligent AFL bi-xenon headlights automatically adjust to suit the driving conditions.



Insignia Infinity Sound System. Featuring a 7x45W amplifier and nine premium speakers the system digitises the audio signal so it can be fine tuned with Digital Sound Processing (DSP) for superb all-round sound reproduction under all driving conditions.



New VXR8 GTS.

This is what you get when you start with a blank canvas. And a mission statement to redefine world-class performance saloon design. The New Vauxhall VXR8 GTS. An aggressive new look but still with awe-inspiring performance DNA to match – a thundering 431PS, 6.2 litre V8 motor rockets it to 60mph in just 4.9 seconds. Monstrous disc brakes can stop it from the same speed in just 36 metres. And giant alloy wheels hide multi-link independent rear suspension controlled by the best in electronic active safety chassis control. Welcome to a totally new animal. The four-door muscle car. From Vauxhall.



There's something about a V8 – the growl, the epic power and torque. And the LS3 6.2 litre engine is not your ordinary V8 either. Read the data. An almighty 431PS @ 6000rpm. 550Nm of torque @ 4600rpm. Solid-state direct fire ignition, with a high energy coil for every single cylinder. Tubular 4 into 2 into 1 extractor exhausts. And a grin from ear to ear every time you fire it up. To say nothing of the rush of adrenalin you'll experience from a chassis that now features launch control and performance suspension with magnetic ride control. There's even a reversing camera for those difficult parking manoeuvres.

New VXR8 GTS equipment and specification highlights:



Exterior features

- Shockwave graphic grille and wide lower air intake
- Twin air scoops on bonnet
- Projector headlights and front fog lights for greater high beam range
- Aero-style vented front wings
- Sports LED rear 'afterburner' tail lights
- Twin-post rear spoiler
- Rear bumper incorporating shockwave graphic grille

Racing style. New VXR8 GTS looks awesome – aerodynamic and aggressive – with aero-style vented front wings, shockwave-inspired front grille and a superflow high performance rear spoiler. The performance alloy wheels – 20x8.5" at the front and 20x9.5" rear – are fitted with specially developed Bridgestone tyres.

Engine

- 6.2 LS3 V8 petrol (6162cc)
- Maximum power: 431PS (317kW) @ 6000rpm
- Maximum torque: 550Nm (405 lb.ft.) @ 4600rpm
- Bore/stroke: 103.9mm x 92.0mm
- Aluminium alloy cylinder block and high-flow cylinder heads
- High-flow intake manifold with acoustic shell
- Cast steel roller rocker arms, roller cam followers
- Cross-bolted five main bearings with six bolts per bearing cap
- Stainless steel, high performance exhaust system with dual tailpipes

Transmission

- Limited-slip differential
- Six-speed manual gearbox
- Gear ratios (manual): 1st – 3.01:1, 2nd – 2.07:1, 3rd – 1.43:1, 4th – 1.00:1, 5th – 0.71:1, 6th – 0.57:1, Final drive – 3.70:1
- Six-speed automatic transmission optional at extra cost
- Gear ratios (auto): 1st – 4.03:1, 2nd – 2.36:1, 3rd – 1.53:1, 4th – 1.15:1, 5th – 0.85:1, 6th – 0.67:1, Final drive – 3.27:1

Performance (manufacturer's figures)

Maximum speed (mph):	Man	Auto
	155	155
Acceleration 0-60mph (secs):	4.9	5.0
Acceleration 50-70mph (secs): (3rd gear)	2.6	–

Fuel economy and emissions

mpg (litres/100km)	Man	Auto
• Urban driving:	14.4 (19.6)	14.4 (19.6)
• Extra-urban driving:	28.8 (9.8)	27.4 (10.3)
• Combined figure:	20.9 (13.5)	20.6 (13.7)
CO ₂ emissions: g/km	320	324

Wheels and tyres

- 20-inch alloy wheels
- Specially developed Bridgestone tyres
- 245/35 R 20 ultra-low profile front tyres
- 275/30 R 20 ultra-low profile rear tyres
- Tyre pressure monitoring system
- Spare wheel

Chassis, suspension and brakes

- Variable-ratio power-assisted rack and pinion steering
- Performance suspension with MRC ⓘ see page 39
- MacPherson strut front suspension with progressive-rate front springs and anti-roll bar
- Fully independent multi-link rear suspension with progressive-rate springs
- Electronic Stability Programme (ESP) incorporating, ABS, EBD, EBA and TCS
- Launch control (manual models only) ⓘ see page 39
- Front ventilated disc brakes: 365mm diameter
- Rear ventilated disc brakes: 350mm diameter
- Front and rear brake calipers in red







Performance fascia. The New VXR8 GTS steering wheel means business – leather-covered and flat-bottomed with perforated grip zones and remote audio controls. The steering column is reach and rake adjustable too. Other features include a state-of-the-art infotainment system featuring CD player with USB connection and aux-in, integrated iPod support and Bluetooth® connectivity.



Sports instrumentation. The New VXR8 GTS sports instrumentation also features auxiliary gauges that display oil temperature, oil pressure and battery voltage. Vital information easily identified in the sight-line on top of the dash. Ergonomics that put the New VXR8 GTS driver instinctively in control.

Interior features

- Electronic climate control with variable side-to-side temperature settings
- Electrically adjustable leather-covered sports front seats
- Enhanced Driver Interface (EDI) **i** see page 36
- Multi-function display panel
- Cruise control
- Sports pedals
- Leather-covered flat-bottom sports steering wheel
- Steering wheel mounted controls for audio system, trip computer, Bluetooth®, and EDI
- Mobile phone system with Bluetooth® (does not include phone)
- Auxiliary gauges displaying oil temperature, oil pressure and battery voltage

Exterior dimensions mm (inches)

- Length 4988 (196.3)
- Height 1457 (57.3)
- Width including mirrors 1899 (74.7)

Insurance group (ABI recommended)

- 50 Group rating – 50U



Electronic Climate Control (ECC).

The dual-zone climate control system allows variable side-to-side temperature settings to be selected.

Performance seats. New VXR8 GTS's performance front seats have eight-way electrical adjustment plus lumbar support adjustment. Trimmed in Onyx leather, they also feature ergonomically enhanced side bolsters contoured for greater comfort and lateral support.



The new VXR8 GTS has the ability to instinctively engage every facet of the vehicle's performance so you feel, not just think the driving experience. The new VXR8 ClubSport Saloon and Wagon models and the awesome VXR8 Maloo embody that same philosophy.



All three models are available to special order only and built to your specification. Both VXR8 ClubSport Saloon and Wagon models make a bold statement about who you are and your passion for driving. The VXR8 Maloo is a sport utility pick-up that is the ultimate expression of work hard play hard. With a unique 'sailplane' design falling directly behind the cockpit the aerodynamic VXR8 Maloo is one good looking and powerful workhorse.

Drawing their power from a 431PS 6.2 litre V8 power plant all three models feature a specification befitting the VXR badge – linear-control sports suspension, limited-slip differential, competition mode electronic stability programme, launch control and 19-inch sports alloy wheels.

The interiors too are not merely about looks, but in true VXR-style have been designed around total driver ergonomics featuring cloth-trimmed sports front seats with four-way electric driver's seat adjustment, dual-zone electronic climate control and the same complete infotainment package as the VXR8 GTS model.

For more details on specification, the range of enhanced options that are available and how to order one of these iconic muscle cars, please contact your VXR retailer or visit www.vauxhall.co.uk/VXR



As well as 1208 litres of load capacity there's a remote locking hard tonneau cover with illumination and alarm protection which will keep all your work gear (and your play gear) secure.



The 'Superflow' rear spoiler, shockwave inspired fascia mounted exhaust tips and sports rear LED tail lights give the VXR8 ClubSport saloon models a design edge that leaves others looking pedestrian.



Both VXR8 ClubSport and Maloo feature LED daytime running lights and a performance bonnet with dual scoops.



Enhanced driver interface. EDI is the UK's first touch-screen performance data interface.

Enhanced Driver Interface (EDI) is the centrepiece of the new VXR8 GTS. Never before has the driving enthusiast been able to engage with their vehicle on this level. EDI connects with the onboard computer to constantly stream real-time vehicle dynamics and performance data to the touch-screen display.

With the touch of your finger EDI will allow you to display real-time performance data such as vehicle G-Forces, power and torque, and lap-times. You can also access your vehicle settings including the optional Side Blind Zone Alert (SBZA) system. If this is not enough, the real enthusiast can even download their track day data and analyse their performance using the MoTec i2 software provided.



Activate EDI via steering wheel.



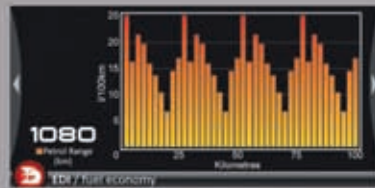
Transfer data via USB.



Main menu. Navigate your way through EDI using the touch-screen or the EDI button on the steering wheel.



Driver. Driver screen keeps you close to key inputs such as RPM, accelerator and brake pedal positions, and gear position.



Fuel Economy. This screen displays the fuel economy history.



Stopwatch. Perfect for hill climbs, road rallies and your competitive instincts. It's an easy to use stopwatch complete with Split Lap timing.



Gauges. Select your gauges for real-time information such as Power, Torque, Manifold Pressure, Fuel, Elevation, or Air Temp. (intake or external).



G-Force. Feeds live information on longitudinal and lateral G-Forces.



Dynamics. Understand your vehicle's behaviour with an understeer and oversteer display.



Data Logging. Download your recorded information onto a USB stick and review it later on your PC.



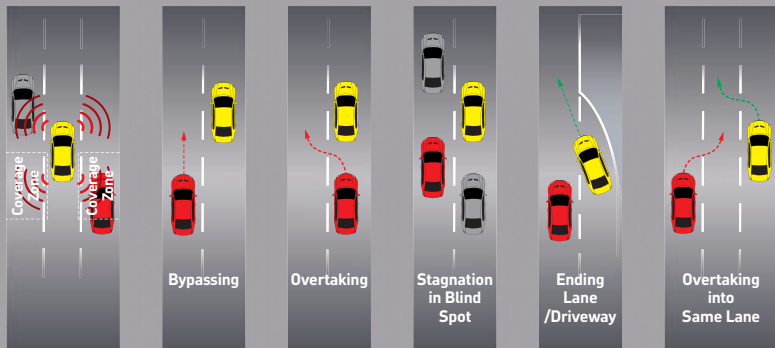
Side Blind Zone Alert System. For vehicles fitted with the optional Side Blind Zone Alert system, you can choose to turn it on or off.



Magnetic Ride Control (MRC) – suspension on VXR8 GTS, for comfort and handling. Adjusts every 1000th of a second.

For the passionate driver, nothing beats the freedom of the open road. That time when it's you, your machine and the environment around you. New VXR8 GTS, the quest for freedom begins from within.





Side Blind Zone Alert System (SBZA).

VXR innovation does not just stop at performance. Side Blind Zone Alert is a case in point. This unique convenience feature, optional on the VXR8 range, actually keeps an eye on the surrounding traffic to keep the driver as informed as possible in multiple lane driving situations. Multiple sensors around the car emit ultrasonic waves across key lane transition zones to keep you aware of any adjacent cars travelling in the same direction that may not always be visible in your mirrors.



Magnetic Ride Control. Fitted as standard to the new VXR8 GTS, Magnetic Ride Control (MRC) is a suspension system that integrates dynamic hardware with advanced software. With electronic control over suspension damping, the new VXR8 GTS takes V8 muscle car suspension tuning to a new and exciting level. No longer confined to the limitations of conventional dampers (velocity sensitive damping), MRC is an intelligent control system that is able to take information from multiple inputs and calculate the desired level of damping in the blink of an eye. The result is a blend of ride and handling that has never before been felt on a VXR model.

Unlike other suspension systems, MRC is a semi-active suspension technology with no electro-mechanical valves and no small moving parts, which provides for durability and reliability. As a result the VXR8 GTS driver not only benefits from increased performance, but safety, comfort and balance for positive stopping power. At the heart of MRC is a central controlling unit that updates each damper every 1000th of a second to the slightest change in road condition or driving style. The MRC-based semi-active suspension system consists of magneto rheological (MR) fluid-based monotube struts, monotube shock absorbers, a position sensor set and an onboard controller.

Brakes. With monstrous front and rear brakes and wider rear tyres, the VXR8 GTS continues to deliver our best ever braking package. The VXR8 GTS brake calipers are finished in red embossed with a silver VXR logo.



The MRC system features switchable ride control which enables 'Performance' and 'Track' modes. The finely tuned 'Performance' mode offers a sharper response with reduced body roll. For the ultimate driving sensation 'Track' mode, combined with 20" wheels, rides like a race tuned Supercar.

Launch Control (manual vehicles only). Once enabled, the launch control system provides the vehicle with the ability to accelerate from standstill at its maximum potential. Launch control differs from traction control in that traction control focuses on vehicle stability (particularly in an emergency situation) whereas launch control focuses on providing control of the driven wheels to maximise acceleration during the initial set-off.

VXR models are available in a range of great exterior colours, with complementary interior trim materials – fabric or leather – specially selected to reflect the range’s performance heritage.

Corsa VXR



Flame Red – Solid



Silver Lake – Two-coat metallic*



Arden Blue – Two-coat pearlescent*



Black Sapphire – Two-coat pearlescent*

Corsa VXR Blue Edition



Arden Blue – Two-coat pearlescent

Corsa VXR Nürburgring Edition



Glacier White – Brilliant



Chilli Orange – Two-coat metallic*



Lime Green – Two-coat pearlescent*



Black Sapphire – Two-coat pearlescent*

Insignia VXR



Power Red – Solid (two-coat)



Olympic White – Brilliant*



Carbon Flash – Two-coat metallic*



Silver Lake – Two-coat metallic*



Technical Grey – Two-coat metallic*



Arden Blue – Two-coat pearlescent*

**Optional at extra cost.*

Due to the limitations of the printing process the colours reproduced may vary slightly from the actual paint colour and trim material. As a result they should be used as a guide only.



Corsa VXR.

Standard: Charcoal Splice cloth/Morrocana (illustrated on page 11).
Optional at extra cost: Leather Pack (illustrated left) comprising leather seat facings and heated front seats.

Corsa VXR Blue Edition.

Blue Splice Cloth Morrocana (illustrated on page 12).

Corsa Nürburgring Edition.

Charcoal Splice cloth/Morrocana (illustrated on page 14).



Insignia VXR.

Standard: Track cloth/Morrocana (illustrated on page 22).
Optional at extra cost: Leather Pack (illustrated left) comprising perforated leather seat facings, eight-way electrically adjustable and heated front seats, dual-zone electronic climate control, electrically folding door mirrors and electro-chromatic anti-dazzle driver's door mirror.

The New VXR8 is available in a range of striking exterior colours – specially selected to reflect it's performance pedigree.

New VXR8 GTS



Heron White – Solid



Sting Red – Solid



Hazard Yellow – Solid†



Nitrate Silver – Two-coat metallic*



Phantom Black – Two-coat metallic*



Alto Grey – Two-coat metallic*



Voodoo – Two-coat metallic*



Karma – Two-coat metallic*



Sizzle – Two-coat metallic*



Poison Ivy – Two-coat metallic*

**Optional at extra cost.*

†Not available for VXR8 ClubSport Wagon.

Due to the limitations of the printing process the colours reproduced may vary slightly from the actual paint colour and trim material. As a result they should be used as a guide only.



New VXR8 GTS.

New VXR8 GTS Onyx leather featuring performance front seats with eight-way electrical adjustment and lumbar support adjustment.

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LIFETIME
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