Astravan The ultimate drivers' van 2009 Models Edition 2







THE WHEELS OF BUSINESS

Whatever your load, Vauxhall Commercial Vehicles are designed to help you deliver a top guality job. For smaller loads, our light commercial vehicle range - Corsavan, Astravan and Combo - offers gross vehicle weights from 1615kg to 1995kg, superb reliability and the lowest possible running costs allied to a comprehensive three year/60,000 mile warranty.

Moving up a division, our medium and heavy vans, Vivaro and Movano, have gross vehicle weights ranging from 2735kg to 3500kg. A wide range of payload, wheelbase, roof height, door and engine configurations allow you to tailor your panel van to meet your specific operating needs. In addition, there are a variety of specialist conversions available for both Vivaro and Movano, providing practical solutions for a host of transportation requirements. Vivaro and Movano also offer high driver comfort, outstanding load-carrying capacity and a three year/100,000 mile warranty.

A favourite with the press and public alike, Astravan has a long list of titles to its credit, winning 'Testers' Choice' in the light van category at the 2007 Commercial Motor magazine awards as well as 'Best Van under 2.2 tonnes' at the 2007 Fleet News awards and Professional Van and Light Truck Magazine's 'Car-derived Van of the Year for 2008'. Coinciding with Vauxhall winning Van Fleet World's coveted 'Van Manufacturer of the Year' title

Combining low operating costs with genuine concern for the environment, the green credentials of the Vauxhall line-up as a whole are now firmly established. Indeed, the company has been voted Greenfleet magazine's 'LCV Manufacturer of the Year' on a number of occasions.

With a range of over 200 variants to choose from and a nationwide network of over 300 retailers to meet all your servicing and maintenance needs. Vauxhall is clearly a market leader when it comes to choice, accessibility and aftersales support. To minimise downtime, there is a growing network of Premier Service Centres, providing a fast, efficient repair service at times to suit you. Clearly it's a formula that works - Vauxhall Commercial Vehicles really are The Wheels of Business.

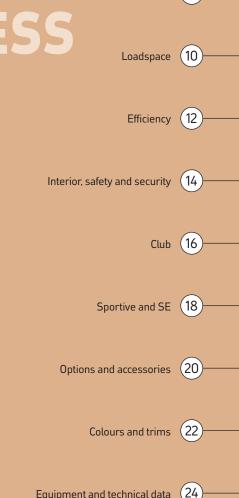
Some of the vehicles shown in this brochure include options and accessories available at extra cost. And not all of the features described are available on every model So please check the equipment and technical data section for further details. From time to time, we also offer alternative models such as Special Editions which are featured in separate literature or can be found on the Vauxhall website; www.vauxhall.co.uk/vans











Dynamics

Equipment and technical data

ASTRAVAN THE ULTIMATE DRIVERS' VAN







With its smart yet sporty styling, it looks better than a van should. With advanced engines and transmissions, it performs better than a van should. And with a dynamic chassis and supreme levels of interior comfort, it drives better than a van should, too. But with outstanding carrying capacity and flexibility at the business end, it's exactly as a van should be. Today's Astravan. Whether Club, Sportive or Sportive SE model, it's the ultimate drivers' van.

COMMERCIAL MOTOR SAID...

'For your money, you get pin-sharp handling, steering that is remarkably responsive, a precise gear change, and absolutely bagloads of performance.' JANUARY 2009

20.000 mile/1-vear

service intervals

Max. volume

1.58m³



Max. payload 650kg



Max. load floor length 2.68m with Flex bulkhead



Anti-lock braking system



3-year/60,000 mile warranty



DYNAMICS

Twin front airbags Body-lock seatbelt pretensioners Anti-lock Braking System (ABS) Emergency Brake Assist (EBA)

Electronic Stability Programme-plus (ESP-plus) (standard on 1.9CDTi models, optional on all others) 16-inch Structure wheels (Sportive)

16-inch alloy wheels (optional)* 17-inch alloy wheels (Sportive SE) Dark-tinted rear window (Sportive and SE)

Body-colour door mirrors, door handles and side-protection mouldings (Sportive and SE)

*Not available on Club or Sportive SE.

There's no doubt that it looks good, and it's great to drive too. But don't let that distract you. Astravan is solid and dependable with a high level of safety and the load carrying capacity to handle the toughest assignments.



COMMERCIAL MOTOR SAID...

'What counts here is driving pleasure, and this is a van that dishes it out by the bucketload.' JANUARY 2009





Anti-lock braking system



DYNAMIC CHASSIS

With precise power steering, genuine ride comfort and incredible agility, it's no surprise Astravan drives more like a car than perhaps any other van. Yet the chassis is specially tuned to the demands of everyday working life.

GREAT LOOKS

Beautifully styled from every angle, Astravan's sharp, modern lines make a positive statement about any business. Sportive and SE models add extra visual appeal with body-colour door handles, mirrors and side-protection mouldings plus a dark-tinted rear window.

MUST-HAVE SAFETY

Astravan provides a safe working environment with front airbags, body-lock seatbelt pretensioners and ABS braking as standard. 1.9CDTi models also feature ESP-plus, helping you retain control of the van in emergency situations.

Astravan proves conclusively that it's not just about what you carry, it's how you carry it – allowing you to choose the right combination of high payload, flexible space and easy loading to suit your particular needs.

The Astravan load compartment provides 1.58 cubic metres of highly versatile loadspace with up to 650kg maximum payload. The optional Flex bulkhead with fold-flat passenger seat extends maximum load floor length from 1.82 to 2.68 metres.

From a practicality perspective, Astravan's tailgate lifts high to reveal a low loading height, a high, wide loading aperture, and a load area that combines generous length, width and height with a broad, flat load floor. Width between the wheel arches is a full 1103mm.

A standard half-height steel bulkhead and half-height plastic sidewall panelling provide valuable protection against shifting loads. In addition, six load restraint lashing eyes allow you to secure your load, avoiding potential damage.





Upper load restraint mesh is optional at extra cost.

LOADSPACE DIMENSIONS*	mm	inches
Maximum tailgate aperture height	766	30.1
Maximum tailgate aperture width	1024	40.3
Maximum load area height	900	35.4
Maximum load area width	1376	54.2
Width between wheel arches	1103	43.4
Load floor length	1825	71.8
Load floor length with Flex bulkhead	2680	105.5
Flex bulkhead aperture width	531	20.9
Flex bulkhead aperture height	276	10.9
Loading height (unladen)	591	23.3
LOADSPACE VOLUME	cu.m	cu.ft
All models (VDA method)	1.58	55.8

*Please refer to pages 29-30 of the technical data section for more detailed loadspace, weight and towing data.







Max. payload 650kg Max. load floor length 2.68m with Flex bulkhead Max. volume 1.58m³

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LOADSPACE

High-lift tailgate | 1.58cu.m loadspace volume | Up to 650kg payload | Low loading height (591mm) | Half-height sidewall protection panelling
 Illuminated load area | Load restraint lashing eyes | Half-height steel bulkhead | Flex bulkhead with fold-flat passenger's seat (optional on Club)
 Upper load restraint mesh (optional) | Roof rails (standard on Sportive and SE, optional on Club)

Astravan works as hard for your bank balance as it does for your business. The wide choice of efficient petrol and common rail turbo diesel engines match high fuel economy with extended service intervals for low running costs.



VAN FLEETWORLD SAID...

'Driven in our usual fashion, we averaged 49.7mpg on test, so 50mpg-plus is within easy reach.' NOVEMBER 2008 SPORTIVE SE 1.9CDTi 16v (150PS)

COMMON RAIL DIESELS

Astravan comes with a choice of four high-torque, high-economy common rail, turbo diesel engines – 1.3CDTi 16v, 1.7CDTi 16v, 1.9CDTi (120PS) or 1.9CDTi 16v (150PS). All diesel engines are matched to a manual six-speed gearbox as standard, whilst the 1.9CDTi (120PS) can also be specified with an optional six-speed automatic.

EFFICIENT PETROL ENGINE

The 1.4i 16v with five-speed manual, provides 90PS and 125Nm of torque for high flexibility and pulling power, whatever your load. Twinport variable induction ensures both exceptional performance and great fuel economy too.

LOW RUNNING COSTS

Commercial vehicle operators understand why we keep Astravan running costs low. Service intervals extend to 20,000 miles/one-year, plus there's a three-year/60,000 mile warranty.





mile warranty





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EFFICIENCY

1.4i 16v petrol (90PS)
 1.3CDTi 16v turbo diesel (90PS)
 1.7CDTi 16v turbo diesel (100PS)
 1.9CDTi turbo diesel (120PS)
 1.9CDTi 16v turbo diesel (150PS) (Sportive SE models only)
 Five-speed manual gearbox (1.4i 16v)
 Six-speed manual gearbox (all diesel models)
 Six-speed automatic transmission with Active Select (optional on 1.9CDTi (120PS))
 One-year unlimited mileage manufacturer's warranty
 Second and third year no-fee customer option warranty up to 60,000 miles



RELAXED AND SECURE

 I
 Electric windows
 I
 Driver's seat height adjuster
 I
 Steering column adjustable for reach and rake
 I
 CD player/stereo radio (CD 30)
 I
 Satellite navigation/

 CD
 player with MP3 format/stereo radio (CD 70) (optional)
 I
 Sports seats with lumbar adjustment (Sportive and SE)
 I
 Leather-covered sports steering wheel with audio

 controls (Sportive and SE)
 I
 Matt chrome-effect finish for facia and instruments (Sportive and SE)
 I
 Air conditioning (standard on Sportive and SE, optional on Club)

 I
 Door pockets
 I
 Electronic engine deadlock immobiliser
 Remote control central deadlocking
 Remote control security alarm system (optional)

When you're spending a long day on the road, it's good to know that Astravan is spacious, comfortable and easy to drive. But it's also reassuring to know that Astravan offers a high level of safety and security as standard.

• Our new auxiliary-in socket is available when optional satellite navigation is specified, allowing you to play tracks directly from your personal MP3 player.

The Astravan interior has a bright, airy look, allied to high levels of comfort and practicality. With a height-adjustable driver's seat and an adjustable steering column plus sports seats with lumbar adjustment on Sportive and SE models - the perfect

Astravan's features, such as electric windows, stereo CD player and adjustable seats, really make a difference out on the road. And on Sportive and SE models you also get electrically adjustable and heated door mirrors, air conditioning and a leather-covered

alarm system ensure high levels of protection for your van and its cargo.

RELAXING CABIN

GREAT FEATURES

PEACE OF MIND

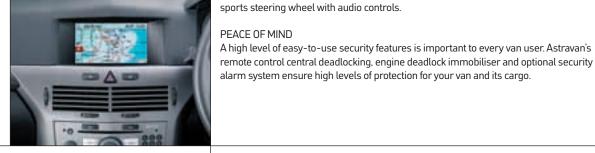
seating position is easy to find.





Sportive and SE models feature lumbar adjustment on sports seats.

Doptional satellite navigation system with colour monitor.



COMMERCIAL MOTOR SAID...

'...you will enjoy a superb driving position plus a considerably high standard of build quality.' **JANUARY 2009**

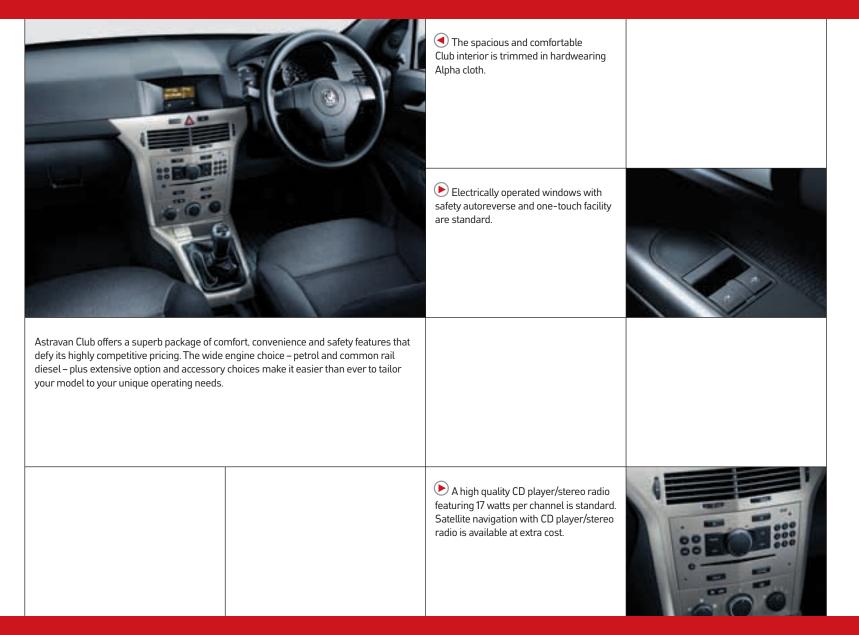


Power-assisted steering



CLUB

Choice of engines/transmissions: 1.3CDTi 16v diesel/six-speed. 1.7CDTi 16v diesel/six-speed. 1.9CDTi (120PS) diesel/six-speed (automatic model also available)
 and 1.4i 16v petrol/five-speed
 Driver's and passenger's airbags
 Anti-lock Braking System (ABS)
 Electronic Stability Programme-plus (ESP-plus)
 with Traction Control (1.9CDTi)
 Electric windows
 Remote control central deadlocking
 Steering column adjustable for reach and rake
 Driver's seat height adjuster
 CD player/stereo radio (CD 30)
 Half-height steel bulkhead
 Upper load restraint mesh (optional)



Club

SPORTIVE

Astravan Sportive makes a serious style statement for the image-conscious business. The matt chrome-effect interior trim, sports seats and air conditioning all look and feel great. But don't forget its appetite for hard work – with three powerful common rail turbo diesels and payloads of up to 647kg.

Additional features over and above Club model include:

- Sports seats with lumbar and height adjustment
- Leather-covered sports steering wheel
 Matt chrome-effect centre console
 Matt chrome-effect inserts on facia and doors
 Steering wheel mounted audio controls
- Air conditioning
 Electronic Stability Programme-plus (ESP-plus) with Traction Control (1.9CDTi)
 Dark-tinted rear window
- Twin electrically adjustable/ heated door mirrors
- Roof rails
- 16-inch Structure wheels*
- Body-colour door mirrors, door handles
- and side-protection mouldings
- | Two-coat metallic/pearlescent paint

Engine/transmission availability

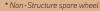
1.3CDTi 16v/six-speed manual 1.7CDTi 16v/six-speed manual 1.9CDTi (120PS)/six-speed manual 1.9CDTi (120PS)/six-speed automatic





Sportive models feature Silver Alpha cloth seat trim with matt chrome-effect inserts on facia and doors.

Sportive models feature chrome-effect edging on instruments.



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SPORTIVE SE

Astravan Sportive SE builds on the Sportive model's inherently sporty character. Distinctive side sills and 17-inch alloy wheels give it even more punch in the style department, complementing Sportive's proven blend of body-colour detailing and two-coat metallic or pearlescent paint.

ESP-plus provides even safer chassis performance while the 150PS 1.9CDTi 16v common rail turbo diesel unit delivers genuine driver appeal alongside serious load-carrying potential.

We'll leave the last word to *Commercial Motor* Magazine (Aug 2008): "Having spent time in our long-term addition, a Vauxhall Astravan Sportive SE, we've rediscovered our love of driving, such is the experience it offers". Enough said!

Additional features over and above Sportive model include:

Electronic Stability Programme-plus (ESP-plus) with Traction Control
Body-colour front lower spoiler, rear roof spoiler, lower rear skirt and side sills
Body-colour rear bumper protection inserts
Lowered sports suspension
17-inch alloy wheels with 215/45 R 17 tyres
Silver alloy-effect roof rails
Front fog lights

Engine/transmission availability

1.9CDTi 16v (150PS)/six-speed manual





♥ Sportive SE's rear styling maintains the unmistakably sporty effect and introduces a little more excitement. Highlights include silver alloy-effect roof rails, body-colour lower rear skirt (not shown) and rear roof spoiler.



OPTIONS AND ACCESSORIES

Vauxhall options and accessories are all about choice – selecting your Astravan then personalising it to suit the way you work. There's a choice of factory-fitted options and a huge range of retailer-fit accessories. You can also choose styling products from the auto design specialist Irmscher International. For further information please ask your Vauxhall Commercial Vehicle retailer for more details.



Model illustrated features Flex bulkhead with fold-flat passenger's seat.

OPTION PACKS

Interior Pack

- > Cigar lighter and ashtray
- > 12-volt electrical accessory socket in load area

Intelligence Pack

- > Multi-function trip computer
- > Rain-sensitive windscreen wipers
- > Anti-dazzle rear-view mirror
- > Automatic lighting control

Winter Pack*

- > Heated seats
- > Headlight washers
- > Front fog lights
- * Not available on Sportive SE ** Not available on Club or Sportive SE



Satellite navigation system with colour monitor.



INDIVIDUAL OPTIONS INCLUDE:

- > Electronic Stability Programme-plus (ESP-plus) with traction control (standard on 1.9CDTi models)
- >16-inch alloy wheels (illustrated below left)**
- > Satellite navigation system with colour monitor
- Remote control ultrasonic security alarm system
- > Mobile phone system with Bluetooth[®] (does not include phone or phone-specific cradle)
- > Cruise control
- > Upper load restraint mesh
- > Flex bulkhead with fold-flat passenger's seat
- > Air conditioning (standard on Sportive and SE models)



Rear window grille. Tailor-made in a tough, perforated sheet metal/mesh construction, rear window grilles are both a strong physical barrier and a highly visible deterrent to thieves.



ACCESSORIES

Vauxhall accessories are the right choice for your Astravan. The list below is just a small sample of the range available. For a full list, please refer to the Vauxhall Commercial Vehicle Accessories brochure or visit our website: www.vauxhall-accessories.com

- > Base carrier
- Cargo liner
 Load floor net
- MetaSystem alarm
- > Steering wheel security bar
- > Safety Pack (warning triangle, first aid kit and hi-visibility vest)
- Headlight protectors
- Flange tow bar with 12N, 12N/12S or 13 pin electrics

Rubber floor mats. Protect your interior from everyday wear and tear, with secure fixings and an anti-slip underside.

> Alloy wheels rst aid

V Irmscher rear roof spoiler.



irmscher

Developed in conjunction with auto

a range of styling accessories are

available to enhance and help

personalise your Astravan.

> Interior styling

> Styling pack

> Sports silencer

> Exterior body styling

design specialists Irmscher International,



Rear parking distance sensors. Activated automatically as you select reverse, this safety-first system beeps faster, the closer you get to an obstruction. Changing to a continuous tone at 300mm, it can detect other vehicles, concrete posts, low-level walls and fences.



Mudflaps. We all know what mudflaps do – protect your vehicle from mud, salt, stones, tar, grit and more. Vauxhall's durable, tailor-made rubber mudflaps are supplied in sets of four.

Options and accessories

SOLID



Power Red



Olympic White

TWO-COAT METALLIC



Silver Lightning

Metro Blue



Technical Grey

TWO-COAT PEARLESCENT



Black Sapphire



Panacotta



Ultra Blue



COLOURS AND TRIMS

Top: Alpha cloth trim. Bottom: Silver Alpha cloth trim.



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

All Vauxhall Commercial Vehicle retailers have a comprehensive showroom colour display, with actual exterior paint samples available for inspection.

Please note: Certain alternative colours are available for special order on Astravan. Restrictions apply so please consult your Commercial Vehicle retailer for more details.

	Club	Sportive	Sportive SE
Exterior colours	Alpha Cloth	Silver Alpha Cloth	Silver Alpha Cloth
Solid			
Power Red	٠	•	
Olympic White	٠	•	•
Two-coat metallic			
Sovereign Silver	0	•	•
Silver Lightning	0	•	
Metro Blue	0	•	
Technical Grey	0	•	

Two-coat pearlescent

Black Sapphire	0	٠	•
Panacotta	0	•	
Ultra Blue	0	•	
lceberg	0	•	

- = Available at no cost.
- o = Available at extra cost.

Sportive model illustrated features Silver Alpha cloth seat trim.



Contents

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Safety

-						
Standard features • Driver's airbag • Passenger's airbag • Anti-lock Braking System (ABS) with Electronic Brakeforce Distribution						
(EBD) • Emergency Brake Assist (EBA) (see page 28 for details) – Increases applied brake force in eme	ergency braki	ng situations				
• Height-adjustable head restraints • Pyrotechnic body-lock seatbelt pretensioner system - Tighte	ens the seatbe	elt during the	early			
stages of a frontal impact • Seatbelt force limiters – Reduces potential upper body injuries during a from	tal impact 🏼 🕇	leight-adjus	table			
inertia-reel seatbelts • Anti-submarining ramps in all seats - Help prevent occupants sliding undern	eath the lap b	elt during a d	ollision			
• Energy-absorbing steering column • Pedal release system – Reduces potential injury to the driver's	s legs and feet	t during a sev	ree			
frontal impact • Laminated windscreen • Side-impact protection beams • Reinforced passenger safety cell						
Additional features Club Sportive SE						
Electronic Stability Programme-plus (ESP-plus) with traction control (see D1 page 31 for details)	01	O ¹	•			

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Side-impact airbags

Facia, instruments and controls

Standard features • Trip odometer • Rev counter • Multi-function display showing time, date and outside air temperature (with ice warning function) • Steering column adjustable for reach and rake • Service-due indicator • Instrument panel light dimmer • Handbrake-on/low brake fluid level and low fuel level warning lights

Additional features	Club	Sportive	Sportive SE
Satin stone-effect centre console	٠		
Matt chrome-effect centre console		•	•
Charcoal-effect inserts on facia and doors	•		
Maze chrome-effect inserts on facia and doors		•	•
Matt chrome-effect edging on instrument dials		•	•
Three-spoke leather-covered sports steering wheel		•	•
Multi-function trip computer			
Cruise control	0	0	0

Audio, navigation and communications

Standard feature • Roof-mounted flexible aerial			
Additional features	Club	Sportive	Sportive SE
CD player/stereo radio (CD 30) ● CD player ● AM/FM stereo radio with 24 station presets ● RDS with Traffic Programme ● Remote display ● Four speakers	٠	•	•
Satellite navigation/CD player with MP3 format/stereo radio (CD 70) • Satellite navigation • CD player with MP3 format • AM/FM stereo radio with 40 station presets • RDS with Traffic Programme • Remote colour monitor • 20 watts per channel output • Four speakers	0	0	0
Steering wheel mounted audio controls	0	٠	•
Mobile phone system with Bluetooth $^{\textcircled{s}}$ and steering wheel mounted audio controls (does not include phone or phone-specific cradle)	0	0	0

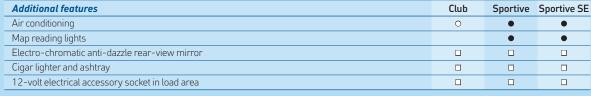
Seating

 Standard feature • Height-adjustable driver's seat with reach and recline adjustment
 Club
 Sportive
 Sportive SE

 Additional features
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Interior

Standard features • Fade up/fade down courtesy lighting operated by door switches • Illuminated lidded glovebox • Twin sunvisors and dipping rear-view mirror • Door armrests • Door pockets • Carpeted cabin area • Air blend heater with four-speed fan



Security

Standard features • Remote control central deadlocking (doors, tailgate and fuel filler flap) • Visible Vehicle Identification Number (VIN) plate • 'Key left in ignition' audible warning • Freewheeling door locks • Electronic engine deadlock immobiliser • Electronic theft protection for audio equipment

Additional features	Club	Sportive	Sportive SE
Folding key		•	•
Remote control ultrasonic security alarm system	0	0	0

Load area

Standard features • Glazed tailgate • Half-height steel bulkhead • Loadspace sidewall half-height protection panelling • Load restraint lashing eyes (six) • Under load floor storage • Illuminated load area • Load area rubber floor mat

Additional features	Club	Sportive	Sportive SE
Upper load restraint mesh	0	0	0
Flex bulkhead with fold-flat passenger's seat	0		



Steering wheel mounted audio controls.



Upper load restraint mesh.

= Standard equipment.
 O = Optional at extra cost.
 = Only available as part of an option pack.



16-inch Structure wheel (Sportive model).



Rain-sensitive windscreen wipers.

● = Standard equipment. ○ = Optional at extra cost. □ = Only available as part of an option pack. N/C = No-cost option.

Wheels and tyres

Features	Club	Sportive	Sportive SE
15-inch steel wheels with 195/65 R 15 low profile tyres and flush wheel covers (1.4i 16v/1.3CDTi 16v/1.7CDTi 16v)	٠		
16-inch steel wheels with 205/55 R 16 low profile tyres and flush wheel covers (1.9CDTi (120PS))	٠		
16-inch Structure wheels with 205/55 R 16 low profile tyres (non-Structure, steel spare wheel)		٠	
17-inch ten-spoke alloy wheels (steel spare) with 215/45 R 17 low profile tyres			•
16-inch alloy wheels (steel spare) with 205/55 R 16 low profile tyres		0	
Tyre inflation kit in lieu of spare wheel	N/C	N/C	N/C

Exterior features

Standard features • Electrically operated windows with safety autoreverse and one-touch facility • Green-tinted glass • Heated rear window with automatic timed cut-off • Intermittent rear window wash/wipe • Windscreen wipers with variable intermittent facility and flick-wipe • Lights-on audible warning • LED centre brake light • Reversing light and rear fog light • Twin-jet windscreen washer nozzles • Twin gas-assisted tailgate and bonnet struts • Body-colour front and rear bumpers

Additional features	Club	Sportive	Sportive SE
Rain-sensitive windscreen wipers			
Automatic Lighting Control (ALC)			
Headlight washers			
Front fog lights			٠
Internally adjustable door mirrors (wide-angle on driver's side)	•		
Electrically adjustable/heated door mirrors (wide-angle on driver's side)	0	•	٠
Roof rails (black on Club/Sportive, silver alloy-effect on Sportive SE)		•	٠
Dark-tinted rear window		•	٠
Body-colour door handles, door mirrors and side-protection mouldings		•	٠
Exterior style pack – body-colour front lower spoiler/rear lower skirt/rear roof spoiler/side sills			٠
Rear parking distance sensor		0	0
Increased ground clearance and sump guard for bad road usage			
Tow bar with seven-pin electrics		0	
Two-coat metallic or pearlescent paint		•	٠
Special paint (restrictions apply – please consult your retailer for details)			
Ontion no de			

Option packs

Features		Sportive	Sportive SE
Intelligence Pack • Multi-function trip computer • Rain-sensitive windscreen wipers • Electro-chromatic anti-dazzle rear-view mirror • Automatic Lighting Control (ALC)	0	0	0
Winter Pack Heated seats Headlight washers Front fog lights		0	
Interior Pack • Cigar lighter and ashtray • 12-volt electrical accessory socket in load area	0	0	0

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Engines

	1.4i 16v Twinport ECOTEC-4	1.3CDTi 16v ECOTEC-4	1.7CDTi 16v ECOTEC-4		
Fuel type	Petrol	Diesel	Diesel		
Capacity	1364cc	1248cc	1686cc		
Maximum power	90PS (66kW) @ 5600rpm	90PS (66kW) @ 4000rpm	100PS (74kW) @ 4400rpm		
Maximum torque	125Nm (92 lb.ft.) @ 4000rpm	200Nm (147 lb.ft) @ 1750-2500rpm	240Nm (177 lb.ft.) @ 2300rpm		
Configuration	4 cylinders,	4 cylinders, 4 valves per cylinder, double overhead camshafts			
Emission compliance		Euro 4			
Fuel/induction system	Naturally aspirated with vacuum- controlled Twinport inlet ports. Multi-point fuel injection				
Service interval	20.000)00 miles or one-year (whichever occurs sooner)			



90PS/100PS/ 120PS/150PS

Choice of common rail turbo diesel engines

	1.9CDTi (120PS) ECOTEC-4	1.9CDTi 16v (150PS) ECOTEC-4				
Fuel type	Diesel	Diesel				
Capacity	1910cc	1910cc				
Maximum power	120PS (88kW) @ 3500rpm	150PS (110kW) @ 4000rpm				
Maximum torque	280Nm (206 lb.ft.) @ 2000-2750rpm	320Nm (236 lb.ft.) @ 2000rpm-2750rpm				
Configuration	4 cylinders, 2 valves per cylinder,	4 cylinders, 4 valves per cylinder,				
	single overhead camshaft	double overhead camshafts				
Emission compliance	Euro 4					
Fuel/induction system	Variable geometry turbocharger with intercooler. Common rail fuel injection					
Service interval	20,000 miles or one-year (whichever occurs sooner)					

6-Speed

Six-speed manual and automatic transmissions available (Diesel models)

Transmission ratios

	Gear ratios (mph/1000rpm)						Final drive
Manual	1	2	3	4	5	6	ratio
1.4i 16v	3.73:1 (4.7)	2.14:1 (8.2)	1.41:1 (12.4)	1.12:1 (15.6)	0.89:1 (19.6)	-	4.18:1
1.3CDTi 16v Club	4.27:1 (4.6)	2.16:1 (9.1)	1.30:1 (15.1)	0.96:1 (20.4)	0.74:1 (26.5)	0.61:1 (32.2)	3.72:1
1.3CDTi 16v Sportive	4.27:1 (4.5)	2.16:1 (8.9)	1.30:1 (14.9)	0.96:1 (20.1)	0.74:1 (26.1)	0.61:1 (31.7)	3.72:1
1.7CDTi 16v Club	3.82:1 (5.2)	2.05:1 (9.8)	1.30:1 (15.4)	0.96:1 (20.8)	0.74:1 (27.0)	0.61:1 (32.8)	3.65:1
1.7CDTi 16v Sportive	3.82:1 (5.1)	2.05:1 (9.6)	1.30:1 (15.1)	0.96:1 (20.5)	0.74:1 (26.6)	0.61:1 (32.3)	3.65:1
1.9CDTi (120PS)	3.82:1 (5.1)	2.05:1 (9.6)	1.30:1 (15.1)	0.96:1 (20.5)	0.74:1 (26.6)	0.61:1 (32.3)	3.65:1
1.9CDTi 16v (150PS)	3.82:1 (5.2)	2.05:1 (9.6)	1.30:1 (15.2)	0.96:1 (20.6)	0.74:1 (26.7)	0.61:1 (32.4)	3.65:1
Automatic							
1.9CDTi (120PS)	4.15:1 (5.6)	2.37:1 (9.8)	1.56:1 (14.9)	1.15:1 (20.3)	0.86:1 (27.1)	0.69:1 (33.8)	3.08:1

Six-speed manual gearbox.

Vauxhall Assistance and warranties*

Every Astravan comes with:

- A one-year unlimited mileage manufacturer's warranty
- Second and third year no-fee customer option warranty up to 60.000 miles (from date of first registration)
- Vauxhall Assistance for 12 months from first registration
- Six-year body panel anti-perforation warranty

* = Warranty is only available on vehicles sourced from General Motors UK Limited. Terms and conditions apply – please see your Vauxhall Commercial Vehicle retailer for details.

Transmissions

- Front-wheel drive
- Five-speed manual gearbox
- Standard on 1.4i 16v models
- Six-speed manual gearbox
- Standard on all diesel models
- Six-speed automatic transmission with Active Select function – available at extra cost on 1.9CDTi (120PS) models. Electronically controlled with adaptive driving function and winter mode

Fuel economy

49.7mpg (5.7 litres/100km). Fuel consumption figure obtained during road testing of an Astravan Sportive SE by *FLEETWORLD* magazine – 2008.

Important: Figures quoted relate to the particular vehicle tested by an independent organisation. Variations in equipment, payload, driving style, road and traffic conditions, vehicle mileage and standard of maintenance may also affect fuel consumption: therefore the test results do not express or imply any guarantee of fuel consumption attainable.

Fuel tank capacity

52 litres (11.4 gallons).

Suspension

Front: Independent. MacPherson struts with gas-pressure dampers and coil springs. Anti-roll bar. Hydro-formed subframe offers increased lateral stiffness. Hydraulic control arm bushing to give improved insulation from road noise. Rear: Lightweight torsion beam rear axle with one-piece, hollow cast trailing arms. Built-in anti-roll bar. Progressive-rate double conical mini-block springs and gas-pressure dampers. Additionally SE models feature lowered sports suspension.

Brakes

- Anti-lock Braking System (ABS) with Electronic Brakeforce Distribution (EBD)
- Emergency Brake Assist (EBA)
 Emergency brake assist detects the urgency with which the brake pedal is pressed and rapidly increases the pressure to the maximum the system can provide, shortening stopping distances. It also enhances pedal feel.
 EBA is standard on all Astravan models.
- Dual circuit, diagonally split braking system
- Front brake pad wear warning

1.4i 16v/1.3CDTi 16v/1.7CDTi 16v Front ventilated discs: 280mm diameter Rear discs: 264mm diameter

1.9CDTi

Front ventilated discs: 308mm diameter Rear discs: 264mm diameter

Steering

- Electro-hydraulic power-assisted
- Turning circle: Kerb-to-kerb Club/Sportive models
 11.10m (36.4ft.)
 Sportive SE models
- 11.51m (37.3ft.)

Electrics

1.4i 16v - 100A. 1.3CDTi 16v - 70A. 1.7CDTi 16v - 100A. 1.9CDTi - 100A. Maintenance-free battery: All models - 60Ab

Body

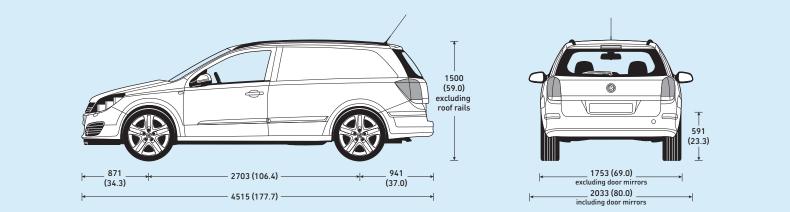
- Extensive anti-corrosion protection
- Aerodynamic drag co-efficient: Cd 0.31
- Front and rear safety deformation zones
- Polypropylene front and rear bumpers capable of withstanding minor impacts up to 2.5mph without permanent deformation
- Replaceable protective rear bumper inserts
- Flush-fitting front and rear screens
- Burst-proof door locks
- Galvanised bodyshell
- Anti-corrosion wax pumped into sills and other underbody cavities
- All weld seams and joints sealed with special compound
- Hem flanges of bonnet, doors and tailgate bonded and sealed
- Abrasion-resistant coating applied to wheel arches and other underbody areas
- Flanged wheel arch edging to prevent build up of dirt
- Paint finish applied electrostatically

Insurance groups

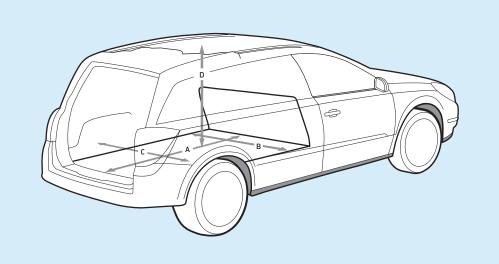
All models (excluding Sportive 1.9CDTi (120PS) automatic and Sportive SE) – Group 2E T2. Sportive 1.9CDTi (120PS) automatic – Group 3E T2. Sportive SE – Group 3E T2. As recommended by the Association of British Insurers.

28)

Dimensions millimetres (inches)



All heights are shown unladen.



Loadspace dimensions

Maximum load length	mm (inches)		
Standard vehicle (A)	1825 (71.8)		
With optional Flex bulkhead	2680 (105.5)		
Maximum load width			
At widest point (B)	1376 (54.2)		
Between wheel arches (C)	1103 (43.4)		
Maximum load height			
Standard vehicle (D)	900 (35.4)		
Access dimensions			
Tailgate aperture height	766 (30.1)		
Tailgate aperture width	1024 (40.3)		
Flex bulkhead aperture width	531 (20.9)		
Flex bulkhead aperture height	276 (10.9)		

Loadspace volume

VDA method	cu.m (cu.ft)
All models	1.58 (55.8)

(29)

Weights and towing data

	UK plated weights and kerbweights kg Front axle Rear axle Total						Towing weights Trailer with brakes	Plated Gross Combination	
Model	Plated	Kerb	Plated	Kerb	GVW	Kerb	Payload kg	(without brakes) kg	Weights (GCW) kg
Club									
1.4i 16v Twinport	885	694	940	466	1810	1160	650	900 (610)	2710
1.4i 16v Twinport (a/c)	900	709	940	466	1825	1175	650	900 (610)	2725
1.3CDTi 16v	975	794	940	466	1905	1260	645	1300 (660)	3205
1.3CDTi 16v (a/c)	990	809	940	466	1920	1275	645	1295 (660)	3215
1.7CDTi 16v	1010	826	940	464	1935	1290	645	1400 (675)	3335
1.7CDTi 16v (a/c)	1025	841	940	464	1950	1305	645	1400 (675)	3350
1.9CDTi (120PS)	1030	846	940	464	1960	1310	650	1400 (685)	3360
1.9CDTi (120PS) (a/c)	1045	861	940	464	1975	1325	650	1400 (685)	3375
1.9CDTi (120PS) automatic	1060	876	940	469	1990	1345	645	1400 (685)	3390
1.9CDTi (120PS) automatic (a/c)	1075	891	940	469	1995	1360	635	1400 (685)	3395
Sportive									
1.3CDTi 16v	990	811	940	467	1920	1278	642	1295 (660)	3215
1.7CDTi 16v	1025	843	940	465	1950	1308	642	1400 (675)	3350
1.9CDTi (120PS)	1045	863	940	465	1975	1328	647	1400 (685)	3375
1.9CDTi (120PS) automatic	1075	893	940	470	1995	1363	632	1400 (685)	3395
Sportive SE									
1.9CDTi 16v (150PS)	1060	875	940	468	1990	1343	647	1400 (690)	3390

a/c = Air conditioning.

Note: Kerbweights for standard vehicles include coolant, oil. 90% full fuel tank and spare wheel. They will vary according to the vehicle specification (including options and accessories) with a corresponding variation in payload. Payload figures do not allow for the weight driver, or any passengers, which should therefore be deducted from the figures shown and are also subject to correct weight distribution. Gross plated weights (including axle weights) quoted on the vehicle plate must never be exceeded. Roof load should not exceed 100kg including the weight of the roof rack/carrier.



Payload 632kg-650kg

(30)

Glossary of terms

Plated weight

The maximum weight to which a vehicle or an axle may be loaded, determined either by the design of the components or by legislation. All commercial vehicles must carry a manufacturer's 'plate' showing the vehicle and axle gross 'plated weights'. It is an offence to drive a vehicle in a condition where any of these weights are exceeded.

Kerbweight

The weight of the complete vehicle in standard form, excluding payload and driver but including coolant, oil, 90% full fuel tank and spare wheel where appropriate. Kerbweights quoted in Vauxhall brochures are subject to manufacturing tolerances and to the fitment of optional equipment and accessories. Where load capacity is critical the actual kerbweight should be obtained by weighing the vehicle on a calibrated public weighbridge.

Gross Vehicle Weight (GVW)

The total permissible weight of a vehicle including payload and passengers, as shown on the manufacturer's plate.

Gross Combination Weight (GCW)

The maximum permissible weight of a vehicle, including payload and passengers, combined with the total weight of any trailer it is towing. The maximum GCW weight limit is quoted on the vehicle plate and must not be exceeded.

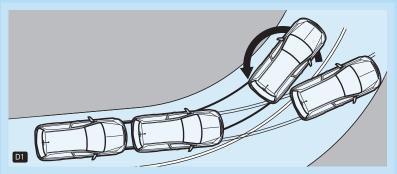
Payload

The total permissible weight that can be carried without exceeding the vehicle's plated weight. This can be obtained by deducting the kerbweight from the plated Gross Vehicle Weight (GVW). Please note: the payload figure does not allow for the weight of the driver or any passengers which should therefore be deducted from the figures shown and are also subject to correct weight distribution.

Maximum towing weight

The maximum weight of any trailer and its load which may be towed within the limit of the vehicle's plated Gross Combination Weight (GCW). It is based on the ability of the vehicle – at full GCW – to restart on a 12% gradient, which is approximately 1 in 8.3, at sea level. At altitudes above 1500 metres, the engine output may drop with a corresponding reduction in towing capability. It is the operator's responsibility to ensure that the trailer noseweight does not cause the rear axle plated weight of the towing vehicle to be exceeded.

Always fit Vauxhall towing attachments and accessories available from your Vauxhall Commercial Vehicle retailer. They are designed specifically for Vauxhall models and carry a 12-month warranty.



D1. Electronic Stability Programme-plus (ESP-plus)

ESP-plus provides enhanced yaw compensation during understeer or oversteer. The system works by monitoring the front and rear of the vehicle, comparing their respective directions of travel going in to the bend with the input received through the steering wheel. If the vehicle starts to slide, it applies corrective braking to the appropriate wheel, or wheels, compensating for the slide and helping you regain control more rapidly. ESP-plus offers additional safety in the form of two-way traction control, which prevents the driving wheels from spinning, under acceleration, on slippery surfaces. The system is standard on 1.9CDTi and available as a low-cost option on all other models.

Trust Vauxhall

Protecting the environment

Vauxhall's commitment to the environment is demonstrated by our products' many environmental awards, won both through the use of more recycled materials and by becoming cleaner and more efficient. For information on Vauxhall's efforts to achieve an environmentally sustainable future, see www.vauxhall.co.uk/recycling

Fleet Customer Services

Our dedicated support services for fleet managers includes factory demonstrators and information on whole life costs, company car and van taxation and finance. For further information please call **0870 010 0651**.

Sureguard protection

Sureguard Assistance offers the benefits of Vauxhall Assistance for three years from first registration, while Sureguard Warranty also provides a parts and labour warranty for high-mileage or long-term owners. For details contact your local Vauxhall retailer or call **0870 752 7020**.

Business Lease

Business Lease, from GMAC, offers the versatility of a purchase-based finance plan, while making the most efficient use of tax and cash-flow benefits for VAT-registered business users. Its available for all Vauxhall Commercial Vehicles up to 12 months old and offers highly flexible term lengths, variable deposits and a choice of payment profiles. Ask your retailer for full details.

Business First

Available to business users only, Business First enables you to drive a new vehicle without a large, initial financial outlay. You pay to use the vehicle, not to own it. The vehicle is provided over a predetermined period, and when that period comes to an end the vehicle is returned. Ask your retailer for full details.

Servicing and maintenance

The best way to maximise the performance and reliability of your Vauxhall is to have all routine servicing and maintenance carried out at a Vauxhall Commercial Vehicle retailer. There are over 200 light commercial vehicle and 120 heavy commercial vehicle retailers nationwide.

In the event of an accident...

Vauxhall Accident Support helps keep you mobile following an accident. Benefits include scene-ofaccident advice, message service, assistance with claims and vehicle recovery. For further details call 0800 010 304.

Premier Service Centres

Our Premier Service Centres feature a guaranteed same day repair service (provided the parts are in stock) and an appointment-free service for diagnosis and repairs taking less than 90 minutes. All repairs are carried out within 24 hours of the diagnosis.

For more information...

For a brochure on any Vauxhall model (up to a maximum of three per caller) or location of your nearest retailer, call **0845 600 1500**.

Alternatively, details can be found on our website at: www.vauxhall.co.uk/vans



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