

VAUXHALL

SPECIAL VEHICLES

2017 Edition 2



SPECIAL VEHICLES

WELCOME

At Vauxhall Special Vehicles, we believe we understand the unique requirements of the UK Emergency Services. We can deliver a wide choice of car and van models, specifically designed and rigorously tested to meet your demands. Our flexible production facility, located at our manufacturing plant in Luton, is able to offer a one-stop shop purchasing experience so we can supply turnkey vehicle solutions that enable rapid turnaround of replacement products. Plus we also offer a unique in-house de-commissioning and remarketing service.

This range brochure gives a brief overview of our products and services. Our dedicated website vauxhallspecialvehicles.co.uk contains comprehensive details including individual product sheets and demonstrator vehicle specifications to help you understand our comprehensive range.





CONTENTS

Welcome	2
Corsa Hatchback	5
Astra Hatchback and Sports Tourer	6
New Insignia* Grand Sport and Sports Tourer	7
Combo Police	8
Combo Fire	9
Vivaro Prison Cell	10
Vivaro Fire	11
Movano Police PSU	12
Movano Ambulance PTS	14
Movano Fire RRV	16
Vauxhall OnStar/Emergency Package	18
Aftersales Support/Special Vehicle Demonstrators	19
Remarketing A first for emergency vehicles	20
Range Details Fuel economy and emissions data	21

* = Converted New Insignia will be available late 2017.



CORSA

Hatchback*



STANDARD FEATURES INCLUDE:

- City Mode steering function
- Hill start assist
- Electronic engine deadlock immobiliser
- Electrically operated front windows/mirrors
- Six airbags
- Speed-sensitive power-assisted steering
- Home Office Automotive Conformance (EMC) Specification 6 compliant
- Home Office brake tested
- CiA447 CAN compliant

OPTIONAL FEATURES INCLUDE:

- Front and rear parking distance sensors
- Full-size spare wheel
- Remote control ultrasonic alarm

Engine availability	CO ₂ (g/km)
1.3CDTi (75PS) Start/Stop ecoFLEX	104-102
1.0i (90PS) Turbo Start/Stop ecoFLEX	107-105



Image shown includes combined 10-way switch panel and aperture for communications head unit.

* = Emergency model based on Design trim.

ASTRA

Hatchback and Sports Tourer*



STANDARD FEATURES INCLUDE:

- Electronic Stability Programme (ESP)
- Six airbags
- 16-inch 5-spoke alloy wheels
- Tyre inflation kit as standard (Full-size spare wheel at extra cost)
- Air conditioning
- 12-volt auxiliary power socket
- Driver's seat height adjuster
- 60/40 split-folding rear seat back
- Electrically operated front windows
- Electrically adjustable heated door mirrors
- Remote control central deadlocking
- Steering column adjustable for reach and rake
- Home Office Automotive Conformance (EMC) Specification 6 compliant
- Home Office brake tested
- CiA447 CAN compliant

* = Emergency model based on Design trim.

ASTRA SPORTS TOURER ONLY:

- 12-volt auxiliary power socket located in luggage compartment
- Retractable luggage compartment cover

OPTIONAL FEATURES INCLUDE:

- Ergonomic driver's sport-style seat
- Front and rear parking distance sensors
- Remote control ultrasonic alarm
- Passenger containment cell (Police vehicles only)

Engine availability	CO ₂ (g/km)
1.6CDTi (110PS) Start/Stop ecoFLEX	92-88
1.6CDTi (136PS) Start/Stop	104-99



Astra police cell shown.

NEW INSIGNIA

Grand Sport and Sports Tourer*



STANDARD FEATURES INCLUDE:

- Electronic Stability Programme (ESP)
- Six airbags
- Driving Assistance Pack One
 - Front camera system
 - Forward collision alert with automatic city emergency braking
 - Following distance indicator
 - Lane departure warning with lane assist
- Air conditioning
- Automatic lighting control
- 60/40 split-folding rear seat back
- Electrically operated windows
- Electrically adjustable/heated door mirrors
- Remote control security alarm
- Keyless entry and start
- Vauxhall OnStar

OPTIONAL FEATURES INCLUDE:

- Navi 900 IntelliLink
- Front and rear parking distance sensors
- 17-inch steel spare wheel in lieu of emergency tyre inflation kit
- Traffic sign recognition

Engine availability	CO ₂ (g/km)
1.6 (136PS) Turbo D ecoTEC	114
1.6 (136PS) Turbo D auto	134
2.0 (170PS) Turbo D BlueInjection	139-136
2.0 (170PS) Turbo D auto BlueInjection	150-145



Standard interior shown.

* = Converted New Insignia based on Design trim will be available late 2017.

COMBO POLICE

Available in Van or Crew van body styles with a choice of load lengths and roof heights.



STANDARD FEATURES INCLUDE:

- Anti-lock Braking System (ABS) with electronic brakeforce distribution
- Driver's airbag
- Seatbelt pretensioner system
- Remote control central deadlocking
- Lockable fuel filler cap
- Electronic engine deadlock immobiliser
- Lockable glovebox
- Reach and rake-adjustable steering column
- Reach and rake-adjustable front seats
- Electrically operated front windows
- Unglazed asymmetric rear doors
- Full-height steel bulkhead
- Load restraint lashing eyes
- Illuminated load area
- Home Office Automotive Conformance (EMC) Specification 6 compliant

- Home Office brake tested
- Payloads available from 695-1018kg

Engine availability

	CO ₂ (g/km)
1.3CDTi (95PS)	136-133
1.3CDTi (95PS) Start/Stop ecoFLEX	123-120
1.6CDTi (105PS)	139-134
1.6CDTi (105PS) Start/Stop	133-120



Image shown includes combined 10-way switch panel and aperture for communications head unit.

COMBO FIRE

Available in Van or Crew van body styles with a choice of load lengths and roof heights.



STANDARD FEATURES INCLUDE:

- Anti-lock Braking System (ABS) with electronic brakeforce distribution
- Driver's airbag
- Seatbelt pretensioner system
- Remote control central deadlocking
- Lockable fuel filler cap
- Electronic engine deadlock immobiliser
- Lockable glovebox
- Reach and rake-adjustable steering column
- Reach and rake-adjustable front seats
- Electrically operated front windows
- Unglazed asymmetric rear doors (Glazed tailgate option also available)
- Rear seat with 'fold and tumble' and 60/40 split seat back and cushion
- Load restraint lashing eyes
- Illuminated load area
- Home Office Automotive Conformance (EMC) Specification 6 compliant
- Home Office brake tested
- Payloads available from 695-1018kg

Engine availability

1.3CDTi (95PS)

1.3CDTi (95PS) Start/Stop ecoFLEX

CO₂ (g/km)

136-133

123-120

1.6CDTi (105PS)

1.6CDTi (105PS) Start/Stop

139-134

133-120



Twin glazed sliding side doors.



Load area with steel load guard.

VIVARO PRISON CELL

Our prison cell vehicle has been specifically designed for our Vivaro van model, allowing the fitment of a two person cell unit along with twin additional rear-facing seats to allow the monitoring of cell occupants.



STANDARD FEATURES INCLUDE:

- Two-person prison cell fully sealed with perspex inserts to allow for floor to ceiling visibility of occupants
- Full-height emergency exit door opening into the rear passenger compartment
- Cell finished in white to aid cleaning
- Cell compliant to OEM EC17 luggage retention (50km/h) crash test
- Supplementary cell lighting and ventilation all controlled from the vehicle cab area
- Two additional rear facing seats, M1 standard
- Storage box options
- Hi-visibility edging for vehicle side doors
- Wipe down roof lining

OPTIONAL FEATURES INCLUDE:

- Internal and external visual and audio recording for cell
- Split cell
- Hi-visibility rear step with rear parking sensors

For engine availability, please refer to table on page 11.



Image shown features storage box and configurable seating solution.



Two-person prison cell with side facing seats.

VIVARO FIRE

With a choice of wheelbases and roof heights, the British-built and hugely successful Vivaro has proven to be one of the most popular medium vans around. It can be provided as a straightforward panel van or people carrier offering seating for up to nine people.



STANDARD FEATURES INCLUDE:

- Electrically operated front windows
- 12-volt electrical accessory socket
- Driver's airbag
- Anti-lock Braking System (ABS) with electronic brakeforce distribution
- Emergency brake assist
- Remote control central deadlocking
- Electronic engine deadlock immobiliser
- Dual front passengers' bench seat
- Six-way adjustable driver's seat
- Steering column adjustable for reach and rake
- Illuminated glovebox
- Facia-mounted gear lever
- Home Office Automotive Conformance (EMC) Specification 6 compliant

OPTIONAL FEATURES INCLUDE:

- Roof mounted Flettner ventilator
- Load area racking
- Rear impact step with puddle lights

Engine availability

1.6 CDTi (95PS)

1.6 CDTi (120PS)

1.6 CDTi (125PS) BiTurbo

1.6 CDTi (145PS) BiTurbo

CO₂ (g/km)

174-170

174-170

178-155

164-160



Fully integrated control panel.

MOVANO Protected Support Unit

Built around the award-winning Movano, our PSU is strong and versatile. Its unique, modular design can be adapted to suit any operational situation. An extensive range of options lets you tailor the vehicle to meet your exact requirements.



STANDARD FEATURES INCLUDE:

- Fully modular floor tracking system with M1 certified mounting points
- O/S overhead storage shelf incorporating individually switchable lighting
- Additional interior white and red lighting, for low light level adaptation prior to deployment
- Polycarbonate load area glazing fitted with contravision material to prevent viewing into the vehicle
- Spray-on interior lining for the load area for 360° protection with half-height polycarbonate panels for added protection
- Tyron® run-flat tyre bands
- Powder-coated steel guards for the vehicle radiator and engine underside
- Secondary battery with split-charging facility

OPTIONAL FEATURES INCLUDE:

- Climate control incorporating air conditioning and heating
- Information/entertainment monitor
- Additional control panel to operate auxiliary equipment from the load area as well as the cab
- 240-volt inverter for appliances and multiple 12-volt auxiliary sockets for varying equipment
- Single and double width, fixed or foldable tables
- Choice of single or two-person prison cell incorporating supplementary cell lighting and ventilation all controlled from the vehicle load area (Cell compliant to OEM EC17 luggage retention (56km/h) crash test)
- Choice of ready developed rear solutions including storage for both Armadillo and round shields as well as kit bags or bespoke solutions with mounting points for various OEM equipment
- Additional door catch for side loading door
- Additional check straps for cab and rear, hinged doors
- Roof protection (tested to withstand a 44kg tetrahedron weight dropped from a height of 2.8m)
- Additional headlight and tail light polycarbonate protection
- Fire suppression system for engine bay operated from cab
- Sprung loaded bolts for access doors for added security
- DEFRA compliant six compartment dog cell with extendable platform and ladder. Includes climate control and sound deadening
- 8mm anti-bandit polycarbonate windscreen with anti-spall feature
- Front windscreen drop down protection



Six compartment dog cell.



Single containment cell.



Configurable storage solution.



Configurable seating solution.



Image shown features 360° high level lighting and nearside despatch light.

MOVANO Ambulance PTS

Boasting generous loadspace dimensions and a sizeable payload capacity, Movano is the ideal platform for Patient Transfer vehicles.

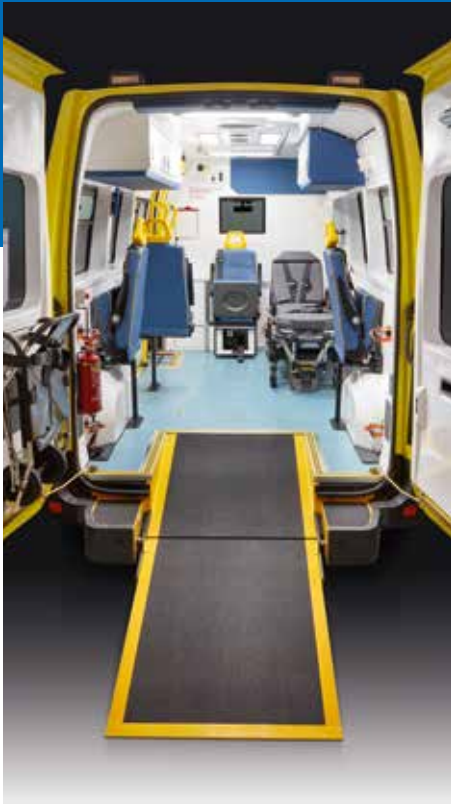


STANDARD FEATURES INCLUDE:

- Driver's airbag
- Electronic Stability Programme-plus (ESP-plus) with traction control
- Hill start assist
- Anti-lock Braking System (ABS) with electronic brakeforce distribution
- Emergency brake assist
- Laminated windscreen
- Electronic engine deadlock immobiliser
- Remote control selective door locking with three-button key and deadlocks
- Nearside sliding side access door
- Unglazed rear doors
- Under-floor spare wheel
- Electrically operated front windows
- Rear fog lights
- Payloads available from 858-2110kg
- Home Office Automotive Conformance (EMC) Specification 6 compliant
- Home Office brake tested

OPTIONAL FEATURES INCLUDE:

- Driver's and front passenger's airbags
- Driver's seat adjustable for height, reach and rake
- Dual front passengers' bench seat
- Air conditioning
- Front fog lights
- Rear-view camera
- External livery and internal text
- Emergency blue lighting and siren system
- Rear door heavy duty retainers
- Rear entry wedge ramp system and reverse sensor system
- Side door drop down easy access step with fold out poles to assist patient access
- Pegasus stretcher capable (2 part fixed lock)
- Winch system for stretcher assist loading
- Floor mounted Unwin solo studs for wheelchair occupant
- Stowage for compact two carry chair
- 4-seated saloon position
- Composite inner linings inc. full door panels
- Intercom system
- Cab area equipment pen for stowage
- Left and right VEKA cant lockers with head pads
- VEKA linen locker at side door entry
- LED saloon lights with dim and full facility
- Saloon Eberspacher heating system
- Piped oxygen system and cylinder storage
- Piped air system and cylinder stowage
- Carnation electrical management system
- Emergency start facility
- 700-watt inverter installed
- 240-volt saloon socket (double)
- Twin USB saloon ports
- Two saloon jack plugs
- LSU wall mounted system
- VB full air suspension system with drop facility
- High level stop/tail and indicator lights at rear



Electric folding ramp.



Wheelchair storage.



Side access fold out step.



MOVANO Fire RRV

Featuring a 400 litre water carrier tank, the Movano RRV is the perfect rapid response vehicle. A petrol powered generator and pump supply ample water pressure.



STANDARD FEATURES INCLUDE:

- Anti-lock Braking System (ABS) with electronic brakeforce distribution
- Emergency brake assist
- Electronic Stability Programme-Plus (ESP-Plus) with traction control
- Driver's and front passenger's airbags
- Electrically operated front windows
- Air conditioning
- Nearside and offside glazed sliding side-access doors, glazed rear doors
- Under-floor spare wheel

CONVERSION SPECIFICATION:

- Emergency blue lighting and siren system
- Forward and rearward facing cameras
- 400 litre plastic water tank
- Self-contained LPP Godiva 8/5 – Rated Output at 3m Lift 800L/min at 5 bar
 - Portable fire pump with two discharge valves, compact and lightweight
 - Powered by 18hp Briggs and Stratton engine
 - Available with exhaust priming system, electrical or manual starting
 - Wraparound stainless steel frame, pump compound and pressure gauges and integrated fuel tank for 1.5 hours running at rated performance
- Self-contained Fire Fogging Unit – Rated Output is 15L/min at 210 bar
- Fire Fogging accessed from the rear doors, ease of deployment for the lance and inverted hose reel
- Configurable racking system
- 'Pull-out' vertical bulkhead for breathing apparatus sets and spare cylinders
- E1 eCabControl graphical user interface in driver's cab
- E1 eCANbus installation for all emergency lighting



Fully integrated control panel.



Pull-out vertical bulkhead.



Configurable racking system.



Large load area allows ample room for easy operation of equipment.

VAUXHALL ONSTAR



EMERGENCY PACKAGE

WE'VE GOT IT COVERED

OnStar is Vauxhall's personal connectivity and service assistant, supporting frontline delivery so that your drivers can feel safe, connected and cared for 24 hours a day, 365 days a year.

But that's not all. OnStar also provides access to a range of vehicle data that will equip you with the information you'll need to manage your fleet more efficiently, helping you to provide the best possible levels of service to support your drivers.*

ONSTAR FEATURES INCLUDE:



Emergency

- Automatic Crash Response Hotspot
- Stolen Vehicle Assistance
- Theft Alert
- Ignition Block
- 24/7 Emergency call service



Personal Assistant

- Destination Download
- Vehicle Diagnostics
- Dealer Maintenance Notification



Connectivity

- 4G LTE Wi-Fi
- Smartphone app

* = Where offered as standard equipment, OnStar services require activation and are subject to mobile network coverage and availability. Terms and conditions apply. Vauxhall OnStar is included within the price of the vehicle for 36 months excluding Wi-Fi Hotspot services. Wi-Fi Hotspot Services are provided on a free trial basis for 3 months or 3GB by the nominated mobile network operator and subject to separate terms and conditions. 4G subject to mobile network coverage availability. Charges apply after each free trial period. Check www.vauxhall.co.uk/onstar for details of availability, coverage and charges or ask your Vauxhall Retailer. Vehicles purchased without OnStar cannot have the required technology retro fitted. Destination Download requires an embedded Vauxhall satellite navigation unit and map data. Customers can order the OnStar option on civilian vehicles. However, this is unavailable for Police vehicles due to radio and speakers being removed in factory.

TECHNOLOGY

Our vehicles are geared towards the latest directives for emergency vehicles. We were the first to develop an SVA (Single Vehicle Architecture) model – Insignia – and the latest stage of our Astra development is fully compliant with the CiA447 protocol, another **industry first**.

DUTY OF CARE

All components are rigorously tested to ensure they meet the highest standards of occupant and pedestrian protection. Equipment within the head impact area is designed in line with the theoretical 'H-point' principle, enhancing visibility and comfort while eliminating the possibility of items intruding in to the occupant's area in the event of a collision.

ECONOMY

Our one-stop shop supply solution eliminates the need for unnecessary on-costs, such as additional vehicle movements to auxiliary equipment suppliers.



QUALITY

Wherever possible, all components are designed, tested and manufactured using our own in-house facilities and workforce. Parts sourced from third-party suppliers meet stringent OEM (Original Equipment Manufacturer) standards of safety and quality.

REMARKETING

All equipment fitted is designed to have as little impact on the vehicle as possible, promoting ease of decommissioning and ensuring the highest resale value. This has the added benefit of prolonging the life of the vehicle (see next page for more details).

AFTERSALES SUPPORT

At Vauxhall Special Vehicles we recognise the importance of keeping your fleet running at all times and getting vehicles that have been taken out of service back on the road as soon as possible. For this reason aftersales and technical support is critical.

Vauxhall have two dedicated Northern and Southern Corporate Customer Care managers, who work alongside a specially trained Technical Assistance Manager, to help support your fleet.

We have also worked to utilise Vauxhall's extensive dealer network to help support you when a vehicle is off the road. We have a special training curriculum run from the My Academy in Luton specifically to help dealer technicians receive comprehensive training for Bluelight equipment, as well as a special Service Level Agreement that a number of dealers have signed up to.

Replacement parts ordering is also accounted for with a special process for ordering both base vehicle and Bluelight parts to ensure that new items are turned around as efficiently as possible.

All this helps to ensure vehicle repairs are dealt with in a professional and timely manner while maintaining the highest standards of workmanship and vehicle security whilst the vehicle is in our care.

For maintenance and upkeep that you may wish to carry out in your own dedicated workshops we offer a range of workshop manuals and wiring diagrams to assist you in diagnosing and repairing your vehicles.

SPECIAL VEHICLE DEMONSTRATORS

As well as our dedicated fleet of civilian demonstrator vehicles, which can be used to test and evaluate the base vehicle, Vauxhall Special Vehicles also offers a range of Bluelight demonstrators for assessing the vehicles under operational conditions.

To confirm the availability of vehicles and to book your demos please contact your Regional Sales Manager or the Vauxhall Special Vehicles administration team for further details. Please see back page for contact information.

Please note all demonstrators are offered for resale after approximately six months service and can be reserved for future purchase.

REMARKETING

A first for emergency vehicles



HOW THE PROCESS WORKS:

We recognise that Fleet Managers are under increasing pressure to maximise efficiency and reduce the cost of sourcing vehicles. The decommissioning and remarketing of such vehicles can exert a particular drain on resources.

Our new Vehicle Remarketing Service can be tailored to your individual requirements, reducing your administrative burden while promoting the reuse of high value vehicle equipment.

- Fleet Manager contacts VSV advising vehicle ID to remarket
- VSV arranges collection and transports to decommissioning centre
- MoT and service carried out (if required)
- Unwanted parts removed and agreed items held for reuse or returned
- Repairs carried out, vehicle prepared for auction
- Vehicle auctioned
- Financial administration concluded

As well as providing a choice of options when it comes to preparing the vehicle for resale, we also offer a range of flexible administration and financial solutions. These can include the Fleet Manager retaining all existing administration duties and receiving the resale proceeds from auction or, alternatively, minimising direct involvement, with the resale proceeds used to discount the cost of new vehicles.

To discuss the options in more detail please speak to your Vauxhall Special Vehicles Sales Manager.

RANGE DETAILS

Fuel economy and emissions data*

Official Government Environmental Data. Fuel consumption figures mpg (litres/100km) and CO₂ emissions.

Model	CO ₂ (g/km)	Urban MPG (litres/100km)	Extra Urban MPG (litres/100km)	Combined MPG (litres/100km)
Corsa 5-door	139-90	35.3 (8.0)-72.4 (3.9)	57.6 (4.9)-91.1 (3.1)	47.1 (6.0)-83.1 (3.4)
Astra Hatchback and Sports Tourer	142-88	35.3 (8.0)-74.3 (3.8)	55.4 (5.1)-91.1 (3.1)	45.6 (6.2)-85.6 (3.3)
New Insignia Grand Sport and Sports Tourer	199-105	24.6 (11.5)-61.4 (4.6)	39.8 (7.1)-78.5 (3.6)	32.5 (8.7)-70.6 (4.0)
Combo	163-120	30.7 (9.2)-53.3 (5.3)	49.6 (5.7)-68.9 (4.1)	40.4 (7.0)-62.8 (4.5)
Vivaro	178-145	35.3 (8.0)-44.1 (6.4)	42.2 (6.7)-55.4 (5.1)	40.4 (7.0)-50.4 (5.6)
Movano	242-173	29.4 (9.6)-37.7 (7.5)	30.7 (9.2)-46.3 (6.1)	30.4 (9.3)-42.8 (6.6)

* = Whole range figures shown. Official Government Test Environmental Data. Official EU-regulated test data are provided for comparison purposes and actual performance will depend on driving style, road conditions and other non-technical factors.



99



VAUXHALL SPECIAL VEHICLES CONTACTS

Dick Ellam

Manager Vauxhall Special Vehicles

Telephone: 07775 825415

Email: dick.ellam@vauxhall.co.uk

Perry Clarke

Sales Manager North

Telephone: 07940 547775

Email: perry.clarke@vauxhall.co.uk

Mike Roberts

Sales Manager South

Telephone: 07775 825351

Email: mike.roberts@vauxhall.co.uk

Admin Team

Telephone: 01582 409999

Email: vsv@vauxhall.co.uk

Every effort has been made to ensure that the contents of this publication were accurate and up-to-date at the time of publication (June 2017 and amended September 2017). Vauxhall vehicles are equipped with components manufactured by various operating units and outside suppliers. The Company reserves the right to alter specifications and withdraw products from sale without notice. Any such alterations will be notified to Vauxhall retailers at the earliest opportunity; please consult your local retailer for the latest information. The specifications detailed within this brochure are not necessarily applicable to alternative models such as Special Editions. Details of any such models will be contained in specific literature or found on the Vauxhall website. Please note that Vauxhall Retailers are not the agents of Vauxhall Motors Limited and are not authorised to bind the Company by any specific or implied undertaking or representation. It is advisable to ensure that your motor insurance policy provides adequate cover for additional fitted options and accessories. Please note accessories shown are for illustrative purposes only. All rights reserved. No part of this publication may be reproduced in any form or by any means, without the prior written permission of Vauxhall Motors Limited.



VAUXHALL