

Specifications for Hackney Carriage Vehicles – VEHICLE INSPECTION

Revised July 2017

1	General Construction		
	a	Every cab must comply in all respects with the requirements of any Acts and Regulations relating to motor vehicles in force at the time of licensing and comply with the Council's Supplementary Testing Manual.	
	b	The following vehicle types will be approved for licensing as Hackney Carriages:	
		1	Purpose-built Hackney Carriages, namely the LTI FX4, LTI TX1, TX2, TX4 and Metrocab.
		2	The Mercedes Eurocab, converted by Jubilee Automotive Group, provided that the taxi conversion of the vehicle was completed by the producer after 31 October 2000.
		3	The Peugeot Eurotaxi, converted by Cab Direct, provided that the taxi conversion of the vehicle was completed by the producer after 31 January 2001.
		4	The Volkswagen 'Unique Cab', converted by Bernard Mansell Ltd, provided that the taxi conversion of the vehicle was completed by the producer after 30 June 2003.
		5	The Peugeot E7, converted by Cab Direct, provided that the taxi conversion of the vehicle was completed by the producer after 26 July 2006.
		6	The Fiat TW200, converted by Patons Taxis/TW Automotive, provided that the taxi conversion of the vehicle was completed by the producer after 13 February 2008.
		7	Jubilee Eurocab SX (with the exception of the turning circle requirement and the



			blanking off of the bulkhead aperture for the sliding door hinge behind the drivers head), converted by Jubilee Automotive Group, provided that the taxi conversion of the vehicle was completed by the producer after 18 October 2006.	
		8	Fiat Scudo, converted by Gainmanor Scotcab, provided that the taxi conversion of the vehicle was completed by the producer after 19 December 2007.	
		9	The Mercedes M8 converted by Cab Direct, provided that the taxi conversion of the vehicle was completed by the producer after 1 July 2008.	
		10	The Mercedes Benz T1 Vito V6 120 CDI, renamed as V6 122 CDI (this vehicle is exempt from the current specification for the length of approved vehicles).	
		11	Mercedes Vito M8 C/DIR renamed as V6 122 CDI converted by Cab Direct	

2	Steering		
	a	The steering wheel must be on the offside of the vehicle. OK	
	b	The steering mechanism must be so constructed or arranged that no overlock is possible and the road wheels do not in any circumstances foul any part of the vehicle.	OK
	c	The steering arms and connections must be of adequate strength and as far as possible protected from damage by collision.	OK

3	Brake and Steering Connections		
	Where brake and steering connections are secured with bolts or pins, the bolts or pins must be fitted with approved locking devices and they must so be placed that, when in any position other than horizontal, the head of the bolt or pin is uppermost.		OK



4	Tyres	
	All tyres at normal pressure under load must be approved as having a suitable minimum circumference for correct operation of the taximeter.	OK

5	Brakes		
	a	All brakes must act directly on the wheels of the vehicle.	OK
	b	The brakes of one of the braking systems must be applied by pedal.	OK
	c	The pedal operated braking system must be so designed that notwithstanding the failure of the brakes on any pair of wheels, either on one axle or diagonally opposite, there must still be available for application brakes on the other pair sufficient to bring the vehicle to rest within a reasonable distance.	OK
	d	Cable connections are not permitted in the pedal operated system.	OK

6	Suspension		
	a	Every vehicle must be fitted with an efficient suspension system so designed and constructed that there is no excessive roll or pitch.	OK
	b	Every vehicle must be so constructed or adapted that a failure of a spring, torsion bar or other similar component of the suspension system is not likely to cause the driver to lose directional control of the vehicle.	OK

7	Transmission	
	Cabs using automatic or semi-automatic transmission must be fitted with a device to prevent the engine starting with the transmission selector in a drive or reverse position.	OK



8	Bolts and Nuts	
	All moving parts and parts subject to severe vibration connected by bolts or studs and nuts must be fitted with an approved locking device.	OK

9	Fuel Tanks		
	a	Fuel tanks must not be placed under the bonnet and must be adequately protected from damage by collision	OK
	b	All fuel tanks and all apparatus supplying fuel to the engine must be so placed or shielded that no fuel overflowing or leaking from it can fall or accumulate upon any part or fitting where it is capable of being readily ignited or can fall into any receptacle where it might accumulate.	OK
	c	The filling points for all fuel tanks must be accessible only from the outside of the vehicle and filler caps must be so designed and constructed that they cannot be dislodged by accident.	OK
	d	On purpose built Hackney Carriages only, a device must be provided by means of which the supply of fuel to the engine may be immediately cut off. Its situation, together with the means of operation and "off" position must be clearly marked on the outside of the vehicle. In the case of an engine powered by LPG or petrol, the device must be visible and readily accessible at all times from outside the vehicle.	N/A

10	Interior Lighting	
	Adequate lighting must be provided for the driver and passengers. Separate lighting controls for both passenger and driver must be provided. In the case of the passengers compartment an illuminated control switch must be fitted in an approved position. Lighting must also be provided at floor level to every passenger door and be actuated by the opening of those doors.	OK



11	Electrical Equipment		
	a	All electrical leads and cables must be adequately insulated and where liable to be affected by exposure to water, petrol or oil, must be adequately protected.	OK
	b	All electrical circuits must be protected by suitable fuses.	OK
	c	Batteries must be so placed and protected that they cannot be a source of danger.	OK

12	Emergency Appliances		
	a	An efficient AFFF foam fire extinguisher with a nominal capacity of no less than 1 litre minimum, which complies with the British Standards Institution BS EN3 specification for portable fire extinguishers.	Owner responsibility, although Mertrux intend to supply.
	b	A Small Work Place First Aid Kit that complies with BS 8599-1:2011.	As 12(a).

13	Exhaust Pipe		
		The exhaust pipe must be so fitted or shielded that no inflammable material can fall or be thrown upon it from any other part of the vehicle and that it is not likely to cause a fire by its proximity to any inflammable material of the vehicle. The outlet must be placed at the rear of the vehicle in such a position as to prevent fumes from entering the vehicle	OK

14	Body		
	a	The body must be of the fixed head type with a partially glazed partition separating the passenger from the driver.	
		i Outside dimensions	
		<ul style="list-style-type: none"> The overall width of the vehicle <u>exclusive of driving mirrors</u> must not exceed 1.885 metres. 	1.928 metres as per Mercedes specs



		<ul style="list-style-type: none"> The overall length must not exceed 4.665 metres. 	4.895 metres as per Mercedes specs
		ii. Inside dimensions of passengers compartment	
		<ul style="list-style-type: none"> The vertical distance between the point of maximum deflection of the seat cushion when a passenger is seated to the roof immediately above that point must not be less than 96.5 centimetres. 	OK 94cm unoccupied. 97cm occupied.

		<ul style="list-style-type: none"> The width across the rear seat cushion must not be less than 1.07 metres. 	OK - 1.38 metres.
		<ul style="list-style-type: none"> Any curvature of the floor of the passengers' compartment must be continuous and must not exceed 2 centimetres at the partition and 5 centimetres at the base of the rear seat when measured between the centre line and sills. 	N/A – flat floor fitted.
		<ul style="list-style-type: none"> The door and doorway must be so constructed as to permit an unrestricted opening across the doorway of at least 75 centimetres. The minimum angle of the door when opened must be 90 degrees. 	OK - 92cm Angle N/A – sliding doors fitted.
		<ul style="list-style-type: none"> The clear height of the doorway must not be less than 1.195 metres. 	OK - 1.22 metres to top step; 1.35 metres to lower step.
		<ul style="list-style-type: none"> Where a boot lid is hinged at the bottom a restriction must be fitted to prevent the boot lid serving as a luggage platform. 	N/A

15	Steps		
	a	The top of the tread for any entrance must be at the level of the floor of the passenger compartment and must not exceed 38 centimetres above ground level when the vehicle is unladen.	Overall 47cm However: 23cm to lower, powered step, then 14cm to fixed body



			step, then 10cm to passenger floor.
	b	The outer edge of the floor at each entrance must be fitted with non-slip treads. If a colour contrast is used to aid a partially sighted person it must be of an approved type.	OK - Contrast of white/pale grey to flecked black floor.

16	Wheelchair Facilities		
	a	Approved anchorages must be provided for the wheelchair and chairbound disabled person. These anchorages must be either chassis or floor linked. If floor linked, they must be affixed in such a manner that the forces are distributed evenly throughout the floor area by means of a suitable galvanised plate of minimum dimensions 200mm x 200mm which must be used beneath the floor. Restraints for a wheelchair and a person seated in it must be independent of each other. Anchorages must also be provided for the safe stowage of a wheelchair when not in use, whether folded or otherwise carried within the passenger compartment. All anchorages and restraints must be so designed that they do not cause a foreseeable danger to other passengers.	OK – advised all securing and restraining devices/equipment are to industry standard.
	b	A ramp (or ramps) for the loading of a wheelchair and occupant must be available at all times for use at the nearside passenger door. An adequate locating device must be fitted to ensure that the ramp/ramps must be capable of being stowed safely when not in use.	OK.

17	Paintwork and Body Finishes		
	a	<p>From 1 April 2006, all Hackney Carriages must have all their exterior bodywork finished in the approved colour, which is AA Yellow (Paint Code SV035).</p> <p>Note: The approved colour, AA Yellow (SV035) is available from: PPG Industries UK Ltd, Division MaxMeyer, Customer Service and Sales Group, Needham Road, Stowmarket, Suffolk, IP14 2AD.</p>	Vehicle presented in black, but approved vehicles will be finished as per requirements.



		Telephone 01449 771779 – general enquiries, Telephone 01449 778585 - for paint colour enquiries, Fax 01449 773495.	
	b	The approved colour paint will need to be applied over a suitable primer/base coat, usually grey or beige, in order to achieve the required shade.	OK.
	c	Any disputes or queries about whether a vehicle's bodywork is finished in the correct shade will be referred to the Group Leader (Taxi Licensing) for adjudication.	

18	Passenger Seats		
	a	The number of passenger seats in the vehicle must not exceed 6. No passenger seat may be fitted in the front of the vehicle (next to the driver).	OK – 6 passenger seats in rear, no nearside front seat fitted.
	b	The measurements from the upholstery at the back to the front edge of the rear seat must be at least 40 centimetres and for each adult person carried a minimum of 40 centimetres must be available when measured along the front parallel edge of the seat cushion.	OK - 48cm & 45cm respectively.
	a	The width of each rear-facing seat must not be less than 40 centimetres and such seats must be at least 35.5 centimetres when measured from the back to the front of the upholstery.	OK – 40cm & 44cm respectively.
	b	The vertical distance between the highest point of the undeflected seat cushion and the top of the floor covering must not be less than 35.5 centimetres.	OK – 40cm.
	c	Where seats are placed facing each other there must be a clear space of 48 centimetres between any part of the front of a seat and any part of any other seat which faces it. This measurement may be reduced to 43.5 centimetres provided adequate foot room is maintained to floor level. Where all seats are placed facing to the front of the vehicle there must be a clear space of at least 66 centimetres in from of every part of each seat squab.	OK – 82cm nearside & centre seats - 55cm offside seat.



	b	Rear-facing seats must be so arranged as to rise automatically when not in use. When not in use, rear-facing seats must not obstruct doorways.	OK.
	c	Suitable means must be provided to assist persons to rise from the rear seat, with particular attention to the needs of the elderly and disabled.	OK – grab handles fitted.

19	Driver's Compartment		
	a	The driver's compartment must be designed so that the driver has adequate room, can easily reach and quickly operate the controls and give hand signals on the offside of the vehicle.	OK.
	b	The controls must be placed to allow reasonable access to the driver's seat and, when centrally placed, must be properly protected from contact with luggage.	OK.
	c	The driver's seat must be designed to accommodate the driver only and be adjustable for height and reach.	OK.
	d	The vehicle must be fitted with adequate devices for demisting, defrosting and washing the windscreen and with a sun visor adjustable by the driver.	OK.
	e	Direction indicators of an approved type must be fitted.	OK.
	f	Every cab must be provided with an approved means of communication between the passenger and the driver. When a sliding window is fitted at the rear of the driver's compartment, the maximum width of the opening must not exceed 11.5 centimetres.	OK - intercom fitted.

20	Windows		
	a	Windows must be provided at the sides and at the rear.	OK.
	b	Passenger door windows must be capable of being opened easily by passengers when seated. The control for opening a door window must be easily identified, so as not to	OK - quarter lights electrically operated – door windows fixed for safety



		be mistaken for any other control.	reasons (powered doors).
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21	Heating and Ventilation		
	An adequate heating and ventilation system must be fitted for the driver and passengers and means provided for independent control by the driver and passengers.		OK.

22	Glass		
	The windscreen must be of a laminated construction and not be tinted, unless it is a standard fitting by the manufacturer. All other windows and glass must be of an approved safety type.		OK.

23	Door Fittings		
	a	An approved type of automotive door locking device must be fitted to passenger doors. When the vehicle is stationary, the passenger doors must be capable of being readily opened from the inside and outside of the vehicle by one operation of the latch mechanism. The interior door handle must be easily identified so as not to be mistaken from any other control.	OK – motion locks operative at 3mph – locks also footbrake controlled.
	b	Double catches of approved type must be fitted to all doors.	OK.

24	Floor Covering		
	The flooring of the passenger compartment must be covered with non-slip material which can easily be cleaned.		OK – carpeted.

25	Luggage		
	Provision must be made for carrying luggage and an efficient method of securing it must be provided.		OK – bay next to driver.

26	Horn		
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	A horn of approved pattern must be fitted.		OK.
27	Taximeter		
	A taximeter of an approved type must be fitted in an approved position.		OK – fitting provided in cab.
28	'Taxi' Sign		
	a	A 'Taxi' sign of an approved pattern, clearly visible both by day and by night when the cab is not hired, must be fitted.	OK – orange roof sign fitted – will operate in conjunction with meter.
	b	Any vehicle type approved for licensing (for example, other than a purpose built Hackney Carriage) must display a 'Taxi' sign of an approved design on the rear of the vehicle, in a position designated by the Service Director (Environment and Regulatory Services).	OK – not fitted to vehicle presented but will be on approved vehicles.
29	Radio Apparatus		
	a	Where apparatus for the operation of a two-way radio system is fitted to a cab, no part of the apparatus may be fixed in the passenger compartment or in the rear boot compartment, if LPG tanks or equipment are situated in these locations.	Owner responsibility.
	b	Any other radio equipment either in the passenger or driver compartment must be approved.	As 29(a).
30	Fittings		
	No fittings other than those approved may be attached to or carried upon the inside or outside of the cab.		OK - none to be fitted.
31	Maintenance		
	Cabs, including all fittings, advertisements, etc., must be well maintained and kept clean and in good working order. The vehicles will at all times be liable to be subject to test and inspection and, should it be found that a cab is not being properly maintained, or that any part or fitting is not in good working order, a notice will be served on the owner prohibiting them from using the vehicle until the defect has been remedied.		Owner responsibility.
32	Advertisements		



	a	Suitable advertisements may be allowed on the inside and outside of the cab subject to the approval of the Council.	
	b	Inside advertisements may be displayed only on the base of the occasional seats or along the bulkhead on top of the passenger/driver partition. All such advertisements must be encapsulated in clear non-flammable plastic.	
	c	Except as provided for in paragraph 33 below, external advertisements may be displayed only on:	
	i	the lower panels of the front doors (for vehicles with identification stickers affixed to the rear doors)	
	ii	the lower panels of the front and rear doors (for vehicles with Identification Stickers affixed to the rear quarter lights)	
	ii	the rear windscreen of vehicles in a form which does not obscure the driver's rear view vision.	
	iii	All advertisements must be of an approved size, and must be correctly affixed to a continuous flat surface.	
	d	Advertisement must be of such a form as not to become easily soiled or detached.	
	e	All materials and adhesives used in the manufacture of and for the purpose of affixing advertised displays to cabs must be approved.	
	f	Applications for approval of advertisements must be made in writing to the Director of Environmental and Regulatory Services, Derby City Council, Licensing Team, The Council House, Corporation Street, Derby, DE1 2FS.	

33	Badges/Emblems		
	a	In addition to advertisements displayed in accordance with paragraph 32, the official badge or emblem of a motoring organisation, which provides genuine round the clock emergency vehicle and recovery, services on a countrywide basis may be affixed to the radiator grille. Only one such badge or emblem may be so displayed.	Owner responsibility.

	b	No advertisements, badges or emblems, including the stick-on types are to be exhibited other than as provided for in the directions contained in this paragraph or paragraph 32.	As 33(a).
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34	Damage to Hackney Carriages		
		Any damage to a Hackney Carriage materially affecting the safety, performance or appearance of the vehicle shall be reported to the Council by the proprietor in accordance with section 50(3) of the Local Government (Miscellaneous Provisions) Act 1976 and until such damage is repaired to the satisfaction of the authorised officer to the Council, the vehicle shall not be used for hire.	Owner responsibility.

35	Liquefied Petroleum Gas		
	a	Any vehicle modified to use liquefied petroleum gas (LPG) as a fuel shall have all associated modifications carried out by an approved and certified installer to the standards specified by the LPG installation manufacturer. The installation shall comply with Liquefied Petroleum Gas Association Code of Practice No. 11 - Autogas Installations or to an equivalent standard accepted by the Council. The proprietor shall provide a Certificate of Safety that the vehicle complies with the relevant Code of Practice on completion of the LPG installation	N/A.
	b	Any LPG tank shall be located within the vehicle boot and shall not reduce the luggage capacity below 0.28 cubic metres (0.07 cu metres hand luggage per passenger). The location of the LPG tank within the spare tyre well shall not be accepted.	N/A.

36	Vehicle Modification		
		The vehicle should hold a Certificate of Conformity identifying it to be holding European Community Whole Vehicle Type Approval. If not, or the vehicle has being modified since leaving	19 January 2017 OK – plates displayed – confirmation to be

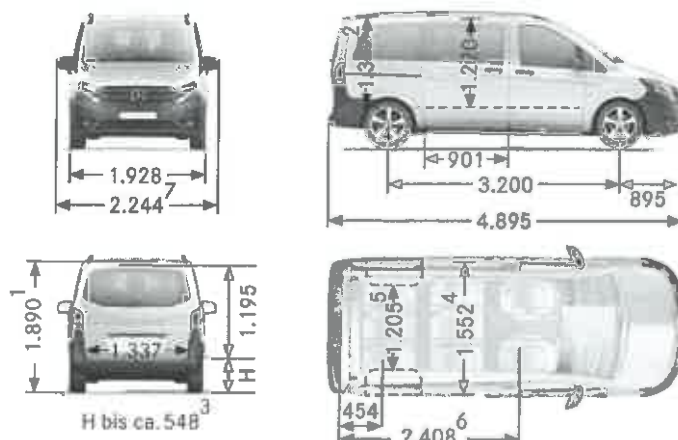


	the manufacturer / supplier, a 'normal' level Voluntary Individual Vehicle Assessment must be carried out before presenting the vehicle at one of the Council approved testing stations	emailed.
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Vehicle Dimensions (mm)



Technical Data

Engine

Emission Compliance	Euro 6	Cylinders	4
Capacity	2143 cc	Bore/Stroke/Capacity	83mm / 99mm / 2143 cc
Rated Output	100KW (136HP) @ 3800RPM	Rated Torque	330NM @ 1200 - 2400RPM
Fuel System	Electronically controlled diesel direct injection with common rail, turbocharger and intercooler		

Tank / Electrics

Fuel Tank Capacity	57 litres : AdBlue - 11.5 litres	Fuel Type	Diesel
Battery	12V / 12v 95ah Ah	Alternator	14w/ 185AA

Performance Data

Top Speed	121 MPH / 194 KMH (Calculated)
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Fuel Consumption

Urban (mpg)	33.2	Extra Urban (mpg)	53.3
Combined (mpg)	43.5	CO2 Emissions	171

Powertrain

Drive	Rear	Clutch Type	SDP
Clutch Diameter	240	Transmission	Manual 6 Speed
Gear Ratios	0.675 / 5.076 (Top / First)	Standard Axle Ratio	3.467

Chassis

Front Axle	Independent suspension; McPherson suspension with anti-roll bar, coil springs and shock absorbers		
Rear Axle	Independent suspension; semi-trailing arm suspension, coil springs and shock absorbers		
Wheels	Wheel: 6.5J x 16, Tyres: 195/65R16 / 195/65R16 (Front / Rear)		
Anti Roll (Front)	Standard	Anti Roll (Rear)	Standard
Steering	Rack & Pinion	PAS	Standard
Brakes	Hydraulic dual-circuit brake with vacuum booster; 4 disc brakes, front discs internally ventilated; Dynamic control system ESP 9® (Electr. Stability Program)		

Weight Rating (kg)

Kerb Weight	1344 / 1006 / 2350 (Front / Rear / Total)	Payload	700
Axle Loads	1550 / 1550 (Front / Rear)	GVW / GTW	3050 / 5050
GTW	5050 / 3800 (Braked / Unbraked)	Cubic Capacity (m3)	1.0



Additional Data

Cab

Access	Wide opening driver and passenger doors. Plastic coated entry steps.	Security	Remote central locking; engine immobiliser; Attack resistant steering lock; door locks and handles; interlocked radio system; lockable glove compartment.
Safety Features	Driver and co-driver airbags as standard; front seats with belt tensioners and belt-force limiters are standard; thorax airbags and window bags as standard; ESP 9 which includes ABS, ASR, BAS, EBD, anti-roll-over systems; Brake Disc Wipe and Hill Start is standard; Adaptive Brake Lights; Crosswind Assist (restrictions apply) and Attention Assist are also standard; Blind Spot Assist, Lane Keeping Assist, High Beam Assist and Collision Prevention Assist can also be specified as options.	Seating & Trim	3-way adjustable driver's seat with head restraints; comfort driver and front passenger seats with head restraints on SELECT models; single passenger seat as standard (dual passenger seat is optional); 6 rear passenger seats; three point inertia reel seat belts to all seats; Quick release attachments for seat rows; Black Tunja seat material; door mounted arm rests; passenger grab handle; moulded ergonomic facia; padded steering wheel with impact resistance centre; cab headlining.
Refinements	Comprehensive insulation from road and engine noise; cab interior lighting; roof light in load compartment; cup holder; 12V power outlet; radio with 5.8" TFT screen FM/AM, USB, Aux-in, SD-card, integral Bluetooth mobile phone capability and Bluetooth audio streaming with four speakers.	Controls	Dash mounted ECO-Start switch (RWD Models only); dash mounted gear lever; gear lever on steering column for automatic transmission models; multifunction steering wheel; SPEEDTRONIC variable speed limiter and cruise control; central locking switch in dashboard; hazard warning lights; headlamp levelling switch; headlamp rotary switch; heater and demister with multiple outlets; horn in centre of steering wheel; key start with steering lock and transponder engine immobiliser (FBS3); left hand stalk for indicators, wipers, main beam and headlamp flasher; air conditioning standard on SELECT models.
Instruments	ASSYST – flexible servicing system; coolant temperature gauge; digital clock; digital odometer with trip computer; fuel level display; rev counter; speedometer; tyre pressure monitor. AdBlue® indicator.	Warning Lights	ESP/ABS/ASR/EBD warning lights; brake pad wear; coolant temperature; engine pre-heater; lamp failure; low coolant level; low brake fluid; low engine oil; malfunction in the restraint system; open door; parking brake; AdBlue® low warning.
Visibility	Electrically operated side windows and fixed quarterlights; heated exterior mirrors, electrically operated; interior rear view mirror; laminated windscreen; tinted glass; two sunvisors, swivelling to the side, driver's side with map pocket; reflector style headlamps with integral daytime running lights; fog lights in lower bumper (optional).	Stowage	Illuminated glovebox; storage compartments in dashboard; storage within driver's and passenger doors; tool kit and storage area under driver's seat; 12-volt plug in rear.

Construction and Finish

Construction	High-strength steel integral body/cab	Body Protection	Fully galvanised body; zinc phosphate treatment; KTL cathodic dip primer and solid paint finish; underbody and wheel arches are undersealed with SSF chip resistant coating and rust inhibitor; enhanced factory quality checks.
Service Access	Internally released hinged bonnet for access to – air filter with condition indicator; clutch/brake fluid; engine coolant; engine oil dipstick/filter cap; power steering reservoir; windscreen washer reservoir; nearside access door for diesel fuel and AdBlue® re-fill.	Bumpers	Moulded in damage-resistant, impact-absorbing plastic.
Spare Wheel	Spare wheel mounted underneath rear of vehicle. Hydraulic jack and tools included. Compact models: Spare wheel mounted on inside of load area. Hydraulic jack and tools included.		

Passenger Compartment

Seating	Triple seating rows made up of individual seat elements with integral three-point seat belts, 2-way adjustable head restraints; 3-seater comfort benches on SELECT models; ISOFIX child seat attachment system on some seats.	Side Access	Twin sliding glazed side load doors; passenger grab handles
Rear Access	Top hinged glazed tailgate.	Interior	Fully panelled passenger compartment; two ceiling lights in passenger compartment, with switch on dashboard; heating/cooling air duct for rear passengers; TPO passenger compartment flooring; carpet flooring on SELECT models; child safety locks.
Load Restraint	Load lashing rings recessed in floor		

Warranty

3-year/Unlimited miles vehicle warranty * 12-year anti-perforation warranty

Terms & Conditions

Please refer to the current editions of the Mercedes-Benz Recommended List Price documents for availability and prices of models and optional equipment. The rights are reserved to alter specification or equipment without notice. All specifications refer to vehicles sourced in the UK from Mercedes-Benz UK Ltd or their appointed Mercedes-Benz Retail Partners. All weights and dimensions quoted are subject to normal manufacturing tolerances of +/- 5%. Stated weight figures in accordance with Directive 97/27/EC in the applicable version at the time of going to press. Stated weight figures include driver @ 75kg, spare wheel where fitted as standard, fuel tank 90% full and AdBlue tank 90% full where applicable. Fuel Consumption figures shown were obtained in accordance with the prescribed measuring process Directive (EC) 715/2007 in the currently applicable version. The figures are not based on an individual vehicle and do not constitute part of the product offer; they are provided solely for the purposes of comparison between different vehicle models. The figures depend on the kerb weight of the vehicle (incl. driver, 75 kg), the rear axle ratio and the transmission variant.



THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY
EC TYPE-APPROVAL CERTIFICATE

Communication concerning:	Of a Type of:
EC type-approval ⁽¹⁾	complete vehicle ⁽¹⁾
extension of EC type-approval ⁽¹⁾	completed vehicle ⁽¹⁾
refusal of EC type-approval ⁽¹⁾	incomplete vehicle ⁽¹⁾
withdrawal of EC type-approval ⁽¹⁾	vehicle with complete and incomplete variants ⁽¹⁾
	vehicle with completed and incomplete variants ⁽¹⁾

with regard to Directive 1970/156/EEC as last amended by Directive 2001/116/EC

EC type-approval No: e11*2001/116*0336*05

Reason(s) for extension: To cover:

- 1) Addition of variant with auxilliary steering equipment (rear steering)
- 2) Addition of new version
- 3) Update of mass tables

0.1. Make (trade name of manufacturer): Penso City Vehicles Limited

0.2. Type: 639

0.2.1 Commercial name(s) ⁽²⁾: Mercedes-Benz Vito Taxi

0.3. Means of identification of type, if marked on the vehicle: Not applicable

0.3.1. Location of that marking: Not applicable

0.4. Category of vehicle ⁽³⁾: M1

EWS360087

An executive agency of the Department for Transport
July 2015 Revision 5



0.5. Name and address of manufacturer of the complete vehicle ⁽¹⁾: Not applicable

Name and address of manufacturer of the base vehicle ^{(1) (4)}:

Daimler AG
70546 Stuttgart
Germany

Name and address of manufacturer of the latest built stage of the incomplete vehicle ^{(1) (4)}: Not applicable

Name and address of manufacturer of the completed vehicle ^{(1) (4)}:

Penso City Vehicles Limited
Woodhams Road
Coventry
CV3 4FX
United Kingdom

0.8. Name(s) and address(es) of assembly plant(s):

Penso City Vehicles Limited
Woodhams Road
Coventry
CV3 4FX
United Kingdom

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle(s) described above ((a) sample(s) having been selected by the EC type-approval authority and submitted by the manufacturer as prototype(s) of the vehicle type) and that the attached test results are applicable to the vehicle type.

1. ~~For complete and completed vehicles / variants~~ ⁽¹⁾:

~~The vehicle type meets / does not meet~~ ⁽¹⁾ the technical requirements of all the relevant separate Directives as prescribed in Annex IV and Annex XI ^{(1) (4)} to Directive 1970/156/EEC.

2. ~~For incomplete vehicles / variants~~ ⁽¹⁾:

~~The vehicle type meets / does not meet~~ ⁽⁴⁾ the technical requirements of the separate Directives listed in the table on side 2.

3. The approval is granted / refused / withdrawn ⁽¹⁾



4. ~~The approval is granted in accordance with Article 8(2)(c) and the validity of the approval is thus limited to dd/mm/yy.~~

Place: BRISTOL

Signature: 

D LAWLOR
Head of Technical Standards & Legislation

Date: 21 OCTOBER 2016

Attachments: Information package.

~~Test results (see Annex VIII).~~

~~Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company.~~

NB: If this model is used for type-approval pursuant to Article 8(2), it may not bear the heading, "EC vehicle type-approval certificate" except in the case referred to in paragraph 2(c) where the Commission has approved the report.



Side 2

This EC type-approval is, where incomplete and completed vehicles or variants are concerned, based on the approval(s) for incomplete vehicles listed below:

Stage 1: Manufacturer of the base vehicle: Daimler AG

EC Type-approval number: e1*2007/46*0457*17

Dated: 11 May 2016

Applicable to variants: All

Stage 2: Manufacturer: Not applicable

EC Type-approval number:

Dated:

Applicable to variants:

Stage 3: Manufacturer: Not applicable

EC Type-approval number:

Dated:

Applicable to variants:

In the case where the approval includes one or more incomplete variants, list those variants which are complete or completed

Complete/completed variant(s): Not applicable

List of requirements applicable to the approved incomplete vehicle type or variant (as appropriate, taking account of the scope and latest amendment to each of the separate Directives listed below)

Item	Subject	Directive	Last amended	Applicable to variants

(List only subjects for which a separate Directive EC type-approval exists)

In the case of special purpose vehicles, exemptions granted or special provisions applied pursuant to Annex XI and exemptions granted pursuant to Article 8(2)(c): Not applicable

Directive No.	Item No.	Kind of approval and nature of exemption	Applicable to variants

- (1) Delete where not applicable.
 (2) If not available at the time of granting the type-approval, this item shall be completed at the latest when the vehicle is introduced on the market.
 (3) As defined in Annex IIA.
 (4) See side 2.





Vito Taxi

Operating instructions

Mercedes-Benz
Vans: Born to run.



Introduction

The Euro 6 Vito Taxi was developed using feedback from drivers to deliver the kind of fuel-efficient, reliable performance you need to drive your business forward – with, of course, the comfort and ride quality you and your passengers expect.

This manual, which should be read in conjunction with the main Vito Handbook, highlights the taxi-specific features of the vehicle to help you get the most out of your Vito Taxi. For more information, please contact your supplying Dealer.

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Driver control fascia

The controls for the following taxi specific functions can be found on the front centre fascia panel (see Fig. 1).

From left to right:

- Intermediate electric left hand step
- Rear wheel steering (if fitted)
- Intermediate electric right hand step (if fitted)
- Passenger compartment interior lights
- Intercom
- Partial door locking



Passenger compartment control panels

Passenger control panels are located in the rear trim panels, beneath the rearmost side windows (see Fig. 2), allowing passengers to control the following functions:

From left to right:

- Rear interior lights
- Rear air conditioning
- Intercom



Intercom

Driver intercom

The taxi's intercom feature can be activated by pressing the intercom button on the front fascia panel (see Fig. 3) – the button second from the right.

- **Turning the driver intercom on** – press the intercom button once and it will illuminate in red, indicating that the intercom is on and the driver's voice can be heard by the passenger, and vice versa
- **Turning the driver intercom off** – press the intercom button once again. The red light will turn off and the passenger can no longer hear the driver

The system is designed so that when the intercom is operated the radio will automatically mute.



Passenger intercom

The passenger intercom controls are located on the passenger compartment control panels, one on each side of the taxi below the rearmost side windows (see Fig. 4).

- **To turn the passenger intercom on**, the passenger should press the intercom button once. The red light located above the passenger compartment screen division (see Fig. 5) will illuminate, showing that the passenger can be heard by the driver, and vice versa
- **To turn the passenger intercom off**, the passenger should press the intercom button once again. The red light will turn off and the passenger and driver can no longer hear each other

Passenger compartment interior lights

The passenger compartment of the Vito Taxi features the following interior lights:

- Two separate LED lights on each side of the roof of the taxi (see Fig. 6)
- Two lights mounted in the centre of the roof panel (see Fig. 7)
- An LED light mounted above the payment tray (see Fig. 8)
- Three ambient LED lights mounted under the rear passenger seat (see Fig. 9) which automatically come on when the ignition is on and the sidelights or headlights are switched on.

These lights automatically come on when the rear doors are open and/or the taxi meter is in 'payment' mode, and they can also be controlled by both driver and passenger.



Driver control – simply press the relevant button on the front fascia control panel (see Fig. 10). The button will illuminate red when the lights are on – press it again and the lights will turn off.



Passenger control – the passenger should simply press the relevant button on the passenger compartment control panel (see Fig. 11). The lights will remain on until switched off by the passenger or the driver.



Door locking system

The taxi door locking system works either:

- Automatically, through the motion locking system, or
- If the driver presses the door locking switches, or
- If the driver depresses the foot-brake



Door locking switches

A taxi door locking button is positioned on the front fascia control panel (see Fig.13). The light on the button indicates the locking status of the doors:

Illumination status	Door status	Button function
Red light off	All doors are unlocked	Single press - lock all doors
Red and blue light	All doors are locked	>2 second press - unlock all doors
Blue flashing red light	Combination of locked doors (front) and unlocked doors (rear)	Single press - lock all doors
Flash light	Indicates a fault in the motion locking system	Manual intervention (as above) will still lock/unlock the doors. A repair is required.



Automatic locking

To ensure passenger safety, when the taxi drives at speeds of 3 mph or above the rear passenger doors will automatically lock from the inside. A solenoid will engage the locking mechanism, and the locking sound can be heard by both driver and passenger. A red light, located on both rear passenger doors, will then illuminate to indicate that the doors are locked (see Fig.12).

It should be noted that the motion locking system is only enabled when the taxi meter is in the 'hired' or 'payment' modes and the ignition is on (i.e. when there is a passenger inside the rear compartment).

Footbrake

When the driver presses the footbrake, all the doors will lock from the inside and the red lights will come on in the rear door panels.

Once the taxi comes to a stop and the driver releases the footbrake, the rear doors will unlock to allow passengers to exit.

If the driver is picking up a passenger and the taxi comes to a stop with the footbrake still applied, provided that the 'for hire' sign is lit, the passenger will immediately be able to open the rear doors by pulling the handle.

Taxi hire sign

The taxi hire sign (see Fig.14) is controlled by the taxi meter, which should be fitted in the housing provided within the front driver compartment, just above the windscreen (see Fig.15).

Note – the sign's low power consumption could trigger a diagnostic fault on your meter

The taxi hire sign is illuminated using an LED light for a longer service life. LED lights have a lower power consumption than a standard bulb, which may result in some taxi meters showing a diagnostic fault on start-up. This is nothing to worry about – please consult either your taxi meter manual or provider to override this signal.



Seatbelts

The driver's seat and all six passenger seats are equipped with three-point inertia reel seatbelts (see Fig.1.6). All occupants should wear seatbelts while the vehicle is in motion.

- **To fasten the seatbelt** – pull the strap over the shoulder and across the body. The tongue should be firmly inserted into the buckle with an audible 'click' of the latch
- **To disengage the seatbelt** – press the buckle's red latch release button and pass the retractable strap back across the body



Head restraints

All six passenger seats in the Vito Taxi have individual head restraints.

For passengers seated on the three rearward facing fold-up passenger seats, the head restraints are positioned on the division screen (see Fig.1.7) and must **not** be removed, as they are an integral part of the passenger safety system.



Intermediate electric steps

To aid passenger entry and egress, an intermediate electric step can be found on the left hand side of the taxi (and on the right, where fitted), directly below the passenger sliding doors. These are controlled using the two buttons located on the front fascia control panel (see Fig.18), one for the left-hand side step and one for the right-hand side step (where fitted).

Only the driver can control the steps:

- Apply the parking brake and press the relevant button, which will illuminate to show it is activated
- The step will then extend from its retracted position to its fully extended position (see Fig.19)
- A buzzer noise will notify the driver that the step has been deployed
- To retract the step, simply press the same button again – the light will turn off
- Each step will automatically retract when the parking brake is released or the taxi travels above a speed of 3 mph



Important notes: Each step is fitted with a safety device which stops the motion of the step if the step is subject to a reactive force of 150N in any direction to ensure that motion avoids injury to the passenger. Care should be taken when parking near high kerbs or other objects which could impede the step operation. Careful attention should also be given to the step heights on an uneven road surface, when approaching speed bumps and other street furniture which may affect the operation of the steps. The electric steps should be maintained according to this schedule to ensure the optimum performance and increased life of the internal components. The warranty provided on the step covers the steps against the sudden or unforeseen failure of parts and faulty workmanship for a period of 3 years. Due to the conditions of use the step will experience there is a need for regular maintenance. Depending on weather and road conditions, the steps should be cleaned and lubricated on a regular basis. In addition, the steps must also be serviced to ensure that all dust and debris is removed from the slide-ways at every standard Mercedes-Benz service interval on your taxi. Failure to carry out this maintenance may invalidate the warranty and could result in premature failure. No liability will be accepted for steps that show signs of damage or abuse in addition to claims for consequential labour and parts losses, damage or alternative vehicle usage. Owners should be able to demonstrate that the steps have been properly maintained. The safe working load for each electric step is 150kg.

Wheelchair access

Wheelchair ramp – stowage and deployment

A tri-fold manual ramp for wheelchair access is stowed in the boot compartment at the rear of the taxi (see Fig. 20). This should be used on the left hand side of the taxi, at the entrance nearest the kerb – when collecting wheelchair users, the taxi should be parked near a kerb wherever possible to reduce the angle of the ramp and make access easier. Note that the safe working load for the ramp is 300kg.

- To ensure the ramp is safely deployed, it must be properly secured – fit the ramp pegs on the underside of the ramp into the two small holes in the entrance plate at the passenger side entrance (see Fig. 21). Ensure that the ramp is not deployed onto an uneven surface.

- There are upstands at each edge of the ramp, which should be flipped into the 'up' position before loaded the wheelchair occupant. These provide a guiding path for the wheelchair
- Users should check that the ramp is correctly in place and securely fixed before loading the wheelchair (see Fig. 22)
- After use, the ramp should be detached, folded and stowed away again in the boot area at the rear of the taxi (see Fig. 20), using the straps provided

Extreme care should be taken when pushing a wheelchair user up and down the ramp. Manoeuvres should be performed slowly, and caution should be exercised to ensure that the wheelchair remains between the two upstands at all times. When exiting the taxi, it is recommended that the wheelchair is pulled backwards, as this affords the user greater control during ramp descent.



Wheelchair restraints

To safely secure the wheelchair, a restraint system is provided. Ex-factory, this is stowed in the vehicle's glovebox.

- The wheelchair restraint system consists of two extendable harnesses
- One end of each harness should be inserted into the two available buckles, positioned towards the base of the rear division, near the floor (see Fig. 23) – it is important to do this before the wheelchair is loaded into the taxi
- The other end of the harness features a carabiner-style clamp, to fix to the lower part of the wheelchair

- The buckle stalks can be extended or retracted to ensure the harness reaches a suitable point on the wheelchair. To do this, simply press and hold the switch located on the driver's side of the division, in the front compartment (see Fig. 24) while pulling on the harness
- Ensure that both straps are pulled tight – it is vital that the wheelchair is unable to move during transit

Once the wheelchair has been secured, the occupant restraints can then be applied.



Wheelchair access (cont.)

Occupant restraint system

Ex-factory, the occupant restraint system is also stowed in the front glovebox. The Vito Taxi uses a secure 4-point harness system, with two separate points for the shoulder harness and two further points across the lap.

- The occupant restraint harness system comprises of a red 2-point shoulder harness and a set of black lap harnesses
- First, hook the red shoulder harness to the fixing point located between the rearward facing occasional seats (see Fig. 25)
- Then, place the two straps over the occupant's shoulders
- The two lap harnesses should now be fitted to the two sockets available either side of the wheelchair wheels (see Fig. 26). The opposing end of each harness should be passed under the wheelchair arms and over the occupant's lap (see Fig. 27)
- The two shoulder harness eyelets should then be pressed together and latched into the harness socket



Additional accessibility features

- **Rear facing seats** – there are three rear-facing seats positioned across the division in the rear passenger compartment. These are flip-up/push down spring-loaded seats and will automatically retract when the passenger stands up. The safe working load for each of these flip-up seats is 100kg
- **High visibility interior grab handles**
 - two on either side of each passenger entrance to aid passengers when entering or exiting the taxi (see Fig. 28)
- **Hearing loop** – a telecoil-compatible induction loop is installed within the roof liner of the rear of the taxi. A notice is fitted within the rear roof area of the taxi to advise passengers who have a hearing aid on how to use the system (see Fig. 29)



Additional accessibility features (cont.)

- **Bright yellow visibility strips** – fitted to the panels and front edges of all the rear passenger seats to help those with visibility issues to easily locate and position themselves within their seat (see Fig. 30)
- **LED entrance lights** – fitted on each side of the passenger entrance area, these illuminate when the door is open to help passengers enter and exit safely
- **Electrically operated sliding doors** – fitted on both rear passenger entrances. These doors can be operated independently of each other, by either the passenger or the driver. The driver controls can be found on the driver control fascia (see Fig. 31)

Passengers can either open the door electronically or manually. The button located on the B-pillar of each door entrance (see Fig. 32) will open the door (provided that the driver is not applying the footbrake). There is also a door handle located on each internal passenger door (see Fig. 33).



Passenger information

Several high visibility information labels are located around the Vito Taxi.

- **Red light indicates the doors are secured** – Found in front of both sliding side passenger doors, below the red lock indicator (see Fig. 34)
- **Seat belt and hearing loop** – Centrally positioned on both sliding side passenger doors (see Fig. 35)
- **Intercom** – Centrally positioned on the division screen directly behind the driver's head (see Fig. 36)
- **AutoDoor** – Found on the outside window of the sliding passenger door, in the lower corner, nearest to the door handle (see Fig. 37)

Fig. 34



Fig. 35



Fig. 36



Fig. 37



General notes and safety comments

Leather seating

The vehicle has E-leather upholstery and will develop a "lived in" look over the course of time and wear. Seats should be maintained regularly using appropriate products to maintain their condition. It is recommended that you use products that can be specified and purchased from your local Mercedes-Benz Van Dealer.

Snow chains

In the event that snow chains are required, contact your Mercedes-Benz Van Dealer. The taximeter must be recalibrated after snow chain installation.

Intermediate electric step maintenance

Electric steps (and manual steps, where fitted) must be serviced every 10,000 miles or 6 months. This is in addition to opening each step for cleaning and lubrication twice weekly.

Servicing the step:

1. Remove bottom cover plate.
2. With step in open position, wipe clean all exposed ball tracks, removing all dust and debris.
3. Re-grease all exposed ball tracks with general purpose grade semi-fluid grease.
4. Replace cover plate and screws, apply a light coating of oil or grease to screws.
5. Torque to 5Nm.

Wheelchair use

Wheelchairs must always be carried in the recess to the left-hand side of the centre division with the passenger facing the rear of the vehicle. All wheelchair restraining harnesses should be correctly fitted as per the instructions given in this guide.

Never carry a wheelchair passenger unrestrained, positioned sideways, or facing forwards. In such orientations the wheelchair passenger cannot be properly restrained.

Parking-up/Standby time

The Vito Taxi features electrical components which are additional to the equipment found on the base Vito vehicle. As such, the Vito Taxi has an increased standby current draw relative to the base vehicle.

If it is anticipated that the Taxi will be parked-up for a period longer than 2 weeks, it is advised that the battery's negative terminal is disconnected. Before doing this, please consult the 'Driving Tips: Parking up the vehicle' (p183) and 'Battery: Disconnecting and Removing' (p340) sections of the main Vito Operating Instructions manual.

Please Note: If the vehicle is fitted with a Rear Wheel Steering (RWS) system, please be sure to also consult the RWS Operating Instructions booklet.

Cleaning the division screen

Care should be taken when cleaning the glazed screen that separates the driver from the passenger. Wipe the screen using a soft cloth or sponge and a dilute solution of mild soap/detergent and lukewarm water. Rinse well. Dry by blotting with a damp cloth or chamois leather. **Do not use window cleaning fluids, scouring compounds, gritty cloths, petrol or solvents such as alcohol, acetone, etc.**

Braking, cornering and acceleration can cause a wheelchair passenger to move if the wheelchair brakes are not applied. Harsh driving can cause wheelchairs to slide, opening up the potential for serious injury. It is therefore extremely important to avoid harsh acceleration, braking or cornering when a wheelchair passenger is onboard.



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Specifications for Hackney Carriage Vehicles- VEHICLE INSPECTION

Revised July 2017

1	General Construction		
	a	Every cab must comply in all respects with the requirements of any Acts and Regulations relating to motor vehicles in force at the time of licensing and comply with the Council's Supplementary Testing Manual.	
	b	The following vehicle types will be approved for licensing as Hackney Carriages:	
		1	Purpose-built Hackney Carriages, namely the LTI FX4, LTI TX1, TX2, TX4 and Metrocab.
		2	The Mercedes Eurocab, converted by Jubilee Automotive Group, provided that the taxi conversion of the vehicle was completed by the producer after 31 October 2000.
		3	The Peugeot Eurotaxi, converted by Cab Direct, provided that the taxi conversion of the vehicle was completed by the producer after 31 January 2001.
		4	The Volkswagen 'Unique Cab', converted by Bernard Mansell Ltd, provided that the taxi conversion of the vehicle was completed by the producer after 30 June 2003.
		5	The Peugeot E7, converted by Cab Direct, provided that the taxi conversion of the vehicle was completed by the producer after 26 July 2006.
		6	The Fiat TW200, converted by Patons Taxis/TW Automotive, provided that the taxi conversion of the vehicle was completed by the producer after 13 February 2008.
		7	Jubilee Eurocab SX (with the exception of the turning circle requirement and the



			blanking off of the bulkhead aperture for the sliding door hinge behind the drivers head), converted by Jubilee Automotive Group, provided that the taxi conversion of the vehicle was completed by the producer after 18 October 2006.	
		8	Fiat Scudo, converted by Gainmanor Scotcab, provided that the taxi conversion of the vehicle was completed by the producer after 19 December 2007.	
		9	The Mercedes M8 converted by Cab Direct, provided that the taxi conversion of the vehicle was completed by the producer after 1 July 2008.	
		10	The Mercedes Benz T1 Vito V6 120 CDI, renamed as V6 122 CDI (this vehicle is exempt from the current specification for the length of approved vehicles).	
		11	Mercedes Vito M8 C/DIR renamed as V6 122 CDI converted by Cab Direct	

2	Steering		
	a	The steering wheel must be on the offside of the vehicle. OK	
	b	The steering mechanism must be so constructed or arranged that no overlock is possible and the road wheels do not in any circumstances foul any part of the vehicle.	OK
	c	The steering arms and connections must be of adequate strength and as far as possible protected from damage by collision.	OK

3	Brake and Steering Connections		
	Where brake and steering connections are secured with bolts or pins, the bolts or pins must be fitted with approved locking devices and they must so be placed that, when in any position other than horizontal, the head of the bolt or pin is uppermost.		OK



4	Tyres	
	All tyres at normal pressure under load must be approved as having a suitable minimum circumference for correct operation of the taximeter.	OK

5	Brakes		
	a	All brakes must act directly on the wheels of the vehicle.	OK
	b	The brakes of one of the braking systems must be applied by pedal.	OK
	c	The pedal operated braking system must be so designed that notwithstanding the failure of the brakes on any pair of wheels, either on one axle or diagonally opposite, there must still be available for application brakes on the other pair sufficient to bring the vehicle to rest within a reasonable distance.	OK
	d	Cable connections are not permitted in the pedal operated system.	OK

6	Suspension		
	a	Every vehicle must be fitted with an efficient suspension system so designed and constructed that there is no excessive roll or pitch.	OK
	b	Every vehicle must be so constructed or adapted that a failure of a spring, torsion bar or other similar component of the suspension system is not likely to cause the driver to lose directional control of the vehicle.	OK

7	Transmission	
	Cabs using automatic or semi-automatic transmission must be fitted with a device to prevent the engine starting with the transmission selector in a drive or reverse position.	OK



8	Bolts and Nuts	
	All moving parts and parts subject to severe vibration connected by bolts or studs and nuts must be fitted with an approved locking device.	OK

9	Fuel Tanks		
	a	Fuel tanks must not be placed under the bonnet and must be adequately protected from damage by collision	OK
	b	All fuel tanks and all apparatus supplying fuel to the engine must be so placed or shielded that no fuel overflowing or leaking from it can fall or accumulate upon any part or fitting where it is capable of being readily ignited or can fall into any receptacle where it might accumulate.	OK
	c	The filling points for all fuel tanks must be accessible only from the outside of the vehicle and filler caps must be so designed and constructed that they cannot be dislodged by accident.	OK
	d	On purpose built Hackney Carriages only, a device must be provided by means of which the supply of fuel to the engine may be immediately cut off. Its situation, together with the means of operation and "off" position must be clearly marked on the outside of the vehicle. In the case of an engine powered by LPG or petrol, the device must be visible and readily accessible at all times from outside the vehicle.	N/A

10	Interior Lighting	
	Adequate lighting must be provided for the driver and passengers. Separate lighting controls for both passenger and driver must be provided. In the case of the passengers compartment an illuminated control switch must be fitted in an approved position. Lighting must also be provided at floor level to every passenger door and be actuated by the opening of those doors.	OK



11	Electrical Equipment		
	a	All electrical leads and cables must be adequately insulated and where liable to be affected by exposure to water, petrol or oil, must be adequately protected.	OK
	b	All electrical circuits must be protected by suitable fuses.	OK
	c	Batteries must be so placed and protected that they cannot be a source of danger.	OK

12	Emergency Appliances		
	a	An efficient AFFF foam fire extinguisher with a nominal capacity of no less than 1 litre minimum, which complies with the British Standards Institution BS EN3 specification for portable fire extinguishers.	Driver responsibility but supplied
	b	A Small Work Place First Aid Kit that complies with BS 8599-1:2011.	Driver responsibility but can be supplied

13	Exhaust Pipe		
		The exhaust pipe must be so fitted or shielded that no inflammable material can fall or be thrown upon it from any other part of the vehicle and that it is not likely to cause a fire by its proximity to any inflammable material of the vehicle. The outlet must be placed at the rear of the vehicle in such a position as to prevent fumes from entering the vehicle	OK

14	Body		
	a	The body must be of the fixed head type with a partially glazed partition separating the passenger from the driver.	OK
		i Outside dimensions	
		<ul style="list-style-type: none"> The overall width of the vehicle exclusive of driving mirrors must not exceed 1.885 metres. 	2.032 metres, as per supplied spec



		<ul style="list-style-type: none"> The overall length must not exceed 4.665 metres. 	4.972 metres, as per supplied spec
		ii. Inside dimensions of passengers compartment	
		<ul style="list-style-type: none"> The vertical distance between the point of maximum deflection of the seat cushion when a passenger is seated to the roof immediately above that point must not be less than 96.5 centimetres. 	OK 96.5 cm

		<ul style="list-style-type: none"> The width across the rear seat cushion must not be less than 1.07 metres. 	OK 1.54 metres
		<ul style="list-style-type: none"> Any curvature of the floor of the passengers' compartment must be continuous and must not exceed 2 centimetres at the partition and 5 centimetres at the base of the rear seat when measured between the centre line and sills. 	N/A - flat floor
		<ul style="list-style-type: none"> The door and doorway must be so constructed as to permit an unrestricted opening across the doorway of at least 75 centimetres. The minimum angle of the door when opened must be 90 degrees. 	OK Sliding doors fitted – 99 cm
		<ul style="list-style-type: none"> The clear height of the doorway must not be less than 1.195 metres. 	OK 1.27 metres
		<ul style="list-style-type: none"> Where a boot lid is hinged at the bottom a restriction must be fitted to prevent the boot lid serving as a luggage platform. 	N/A

15	Steps		
	a	The top of the tread for any entrance must be at the level of the floor of the passenger compartment and must not exceed 38 centimetres above ground level when the vehicle is unladen.	55 cm overall, but step fitted. Ground to step = 25 cm, then step to passenger entrance = 30 cm



	b	The outer edge of the floor at each entrance must be fitted with non-slip treads. If a colour contrast is used to aid a partially sighted person it must be of an approved type.	OK - Yellow edging – black floor
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16	Wheelchair Facilities		
	a	Approved anchorages must be provided for the wheelchair and chairbound disabled person. These anchorages must be either chassis or floor linked. If floor linked, they must be affixed in such a manner that the forces are distributed evenly throughout the floor area by means of a suitable galvanised plate of minimum dimensions 200mm x 200mm which must be used beneath the floor. Restraints for a wheelchair and a person seated in it must be independent of each other. Anchorages must also be provided for the safe stowage of a wheelchair when not in use, whether folded or otherwise carried within the passenger compartment. All anchorages and restraints must be so designed that they do not cause a foreseeable danger to other passengers.	<p>Wheelchair boards at nearside then positions at offside inside the cab.</p> <p>O/s & centre rear seats move to allow sufficient room.</p> <p>4 anchor points and belts fitted to secure a wheelchair, which are locked by control in driver's cab.</p> <p>Separate seat belt for the wheelchair passenger.</p>
	b	A ramp (or ramps) for the loading of a wheelchair and occupant must be available at all times for use at the nearside passenger door. An adequate locating device must be fitted to ensure that the ramp/ramps must be capable of being stowed safely when not in use.	OK – stowed under passenger floor

17	Paintwork and Body Finishes		
	a	<p>From 1 April 2006, all Hackney Carriages must have all their exterior bodywork finished in the approved colour, which is AA Yellow (Paint Code SV035).</p> <p>Note: The approved colour, AA Yellow (SV035) is available from: PPG Industries UK Ltd, Division MaxMeyer, Customer Service and Sales Group, Needham</p>	<p>Not supplied in yellow by Ford/Allied Vehicles/Cab Direct</p> <p>Owner's responsibility to meet the requirement</p>



		Road, Stowmarket, Suffolk, IP14 2AD. Telephone 01449 771779 – general enquiries, Telephone 01449 778585 - for paint colour enquiries, Fax 01449 773495.	
	b	The approved colour paint will need to be applied over a suitable primer/base coat, usually grey or beige, in order to achieve the required shade.	
	c	Any disputes or queries about whether a vehicle's bodywork is finished in the correct shade will be referred to the Group Leader (Taxi Licensing) for adjudication.	

18	Passenger Seats		
	a	The number of passenger seats in the vehicle must not exceed 6. No passenger seat may be fitted in the front of the vehicle (next to the driver).	6 seats in rear. Seat next to the driver in vehicle assessed, but if approved, no seat will be fitted and a luggage retainer will be present
	b	The measurements from the upholstery at the back to the front edge of the rear seat must be at least 40 centimetres* and for each adult person carried a minimum of 40 centimetres** must be available when measured along the front parallel edge of the seat cushion.	*OK – 40 cm **OK - 154 cm overall width – 51 cm+ each passenger
	a	The width of each rear-facing seat must not be less than 40 centimetres* and such seats must be at least 35.5** centimetres when measured from the back to the front of the upholstery.	*OK – 42 cm **Overall 36 cm, but 35 cm to fitted back support in centre of seats which occupies 16 cm centrally
	b	The vertical distance between the highest point of the undeflected seat cushion and the top of the floor covering must not be less than 35.5 centimetres.	OK – 40 cm (tip down seats 43 cm)
	c	Where seats are placed facing each other there must be a clear space of 48 centimetres between any part of the front of a seat and any part of any other seat which faces it. This	OK – 70 cm (seats facing)

		measurement may be reduced to 43.5 centimetres provided adequate foot room is maintained to floor level. Where all seats are placed facing to the front of the vehicle there must be a clear space of at least 66 centimetres in from of every part of each seat squab.	
	b	Rear-facing seats must be so arranged as to rise automatically when not in use. When not in use, rear-facing seats must not obstruct doorways.	OK
	c	Suitable means must be provided to assist persons to rise from the rear seat, with particular attention to the needs of the elderly and disabled.	OK – grab handles fitted

19	Driver's Compartment		
	a	The driver's compartment must be designed so that the driver has adequate room, can easily reach and quickly operate the controls and give hand signals on the offside of the vehicle.	OK
	b	The controls must be placed to allow reasonable access to the driver's seat and, when centrally placed, must be properly protected from contact with luggage.	OK
	c	The driver's seat must be designed to accommodate the driver only and be adjustable for height and reach.	OK
	d	The vehicle must be fitted with adequate devices for demisting, defrosting and washing the windscreen and with a sun visor adjustable by the driver.	OK
	e	Direction indicators of an approved type must be fitted.	OK
	f	Every cab must be provided with an approved means of communication between the passenger and the driver. When a sliding window is fitted at the rear of the driver's compartment, the maximum width of the opening must not exceed 11.5 centimetres.	OK – intercom fitted

20	Windows
-----------	----------------



	a	Windows must be provided at the sides and at the rear.	OK
	b	Passenger door windows must be capable of being opened easily by passengers when seated. The control for opening a door window must be easily identified, so as not to be mistaken for any other control.	OK – windows in sliding doors capable of being opened by passengers

21	Heating and Ventilation		
		An adequate heating and ventilation system must be fitted for the driver and passengers and means provided for independent control by the driver and passengers.	Ok – separate controls for passengers

22	Glass		
		The windscreen must be of a laminated construction and not be tinted, unless it is a standard fitting by the manufacturer. All other windows and glass must be of an approved safety type.	OK

23	Door Fittings		
	a	An approved type of automotive door locking device must be fitted to passenger doors. When the vehicle is stationary, the passenger doors must be capable of being readily opened from the inside and outside of the vehicle by one operation of the latch mechanism. The interior door handle must be easily identified so as not to be mistaken from any other control.	OK – motion and driver foot brake controlled locking systems fitted
	b	Double catches of approved type must be fitted to all doors.	OK

24	Floor Covering		
		The flooring of the passenger compartment must be covered with non-slip material which can easily be cleaned.	OK

25	Luggage		
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	Provision must be made for carrying luggage and an efficient method of securing it must be provided.	If approved nearside front will be adapted for luggage. Space also available behind rear seats
--	--	--

26	Horn	
	A horn of approved pattern must be fitted.	OK

27	Taximeter	
	A taximeter of an approved type must be fitted in an approved position.	OK – Digitax F2 fitted
28	'Taxi' Sign	
	a A 'Taxi' sign of an approved pattern, clearly visible both by day and by night when the cab is not hired, must be fitted.	OK – orange roof sign working in conjunction with the meter
	b Any vehicle type approved for licensing (for example, other than a purpose built Hackney Carriage) must display a 'Taxi' sign of an approved design on the rear of the vehicle, in a position designated by the Service Director (Environment and Regulatory Services).	OK – Multiple side decals on the vehicle assessed but if approved a single "Taxi" decal will be fitted to the rear only

29	Radio Apparatus	
	a Where apparatus for the operation of a two-way radio system is fitted to a cab, no part of the apparatus may be fixed in the passenger compartment or in the rear boot compartment, if LPG tanks or equipment are situated in these locations.	N/A – not fitted – owner responsibility
	b Any other radio equipment either in the passenger or driver compartment must be approved.	N/A – not fitted by supplier – owner responsibility

30	Fittings	
	No fittings other than those approved may be attached to or carried upon the inside or outside of the cab.	OK

31	Maintenance	
	Cabs, including all fittings, advertisements, etc., must be well maintained and kept clean and in good working	N/A - owner

	order. The vehicles will at all times be liable to be subject to test and inspection and, should it be found that a cab is not being properly maintained, or that any part or fitting is not in good working order, a notice will be served on the owner prohibiting them from using the vehicle until the defect has been remedied.	
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32	Advertisements		
	a	Suitable advertisements may be allowed on the inside and outside of the cab subject to the approval of the Council.	N/A - owner
	b	Inside advertisements may be displayed only on the base of the occasional seats or along the bulkhead on top of the passenger/driver partition. All such advertisements must be encapsulated in clear non-flammable plastic.	
	c	Except as provided for in paragraph 33 below, external advertisements may be displayed only on:	
	i	the lower panels of the front doors (for vehicles with identification stickers affixed to the rear doors)	
	ii	the lower panels of the front and rear doors (for vehicles with Identification Stickers affixed to the rear quarter lights)	
	ii	the rear windscreen of vehicles in a form which does not obscure the driver's rear view vision.	
	iii	All advertisements must be of an approved size, and must be correctly affixed to a continuous flat surface.	
	d	Advertisement must be of such a form as not to become easily soiled or detached.	
	e	All materials and adhesives used in the manufacture of and for the purpose of affixing advertised displays to cabs must be approved.	
	f	Applications for approval of advertisements must be made in writing to the Director of Environmental and Regulatory Services, Derby City Council, Licensing Team, The Council House, Corporation Street, Derby, DE1 2FS.	

33	Badges/Emblems	
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	a	In addition to advertisements displayed in accordance with paragraph 32, the official badge or emblem of a motoring organisation, which provides genuine round the clock emergency vehicle and recovery, services on a countrywide basis may be affixed to the radiator grille. Only one such badge or emblem may be so displayed.	N/A - owner
	b	No advertisements, badges or emblems, including the stick-on types are to be exhibited other than as provided for in the directions contained in this paragraph or paragraph 32.	

34	Damage to Hackney Carriages		
		Any damage to a Hackney Carriage materially affecting the safety, performance or appearance of the vehicle shall be reported to the Council by the proprietor in accordance with section 50(3) of the Local Government (Miscellaneous Provisions) Act 1976 and until such damage is repaired to the satisfaction of the authorised officer to the Council, the vehicle shall not be used for hire.	N/A - owner

35	Liquefied Petroleum Gas		
	a	Any vehicle modified to use liquefied petroleum gas (LPG) as a fuel shall have all associated modifications carried out by an approved and certified installer to the standards specified by the LPG installation manufacturer. The installation shall comply with Liquefied Petroleum Gas Association Code of Practice No. 11 - Autogas Installations or to an equivalent standard accepted by the Council. The proprietor shall provide a Certificate of Safety that the vehicle complies with the relevant Code of Practice on completion of the LPG installation	.N/A – not fitted
	b	Any LPG tank shall be located within the vehicle boot and shall not reduce the luggage capacity below 0.28 cubic metres (0.07 cu metres hand luggage per passenger). The location of the LPG tank within the spare tyre	N/A – not fitted



		well shall not be accepted.	
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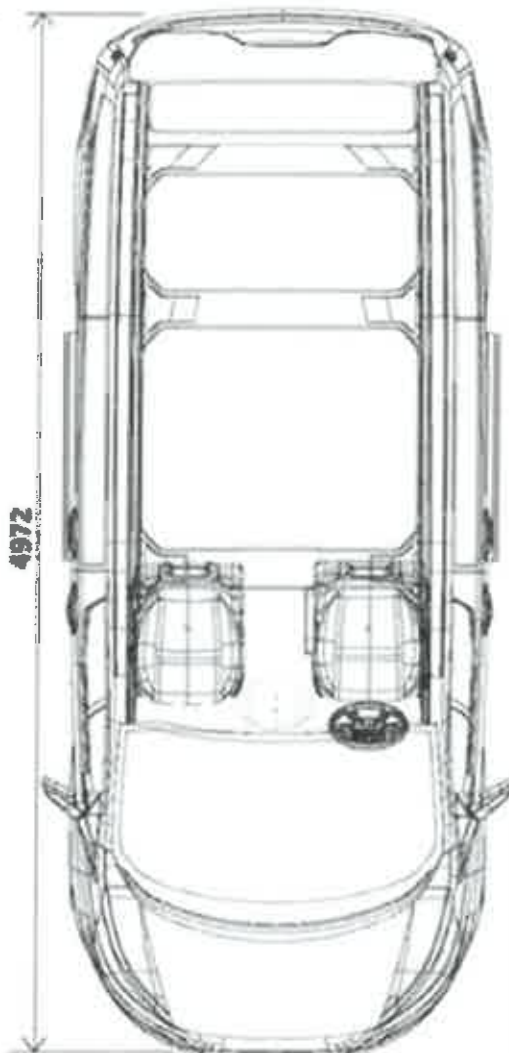
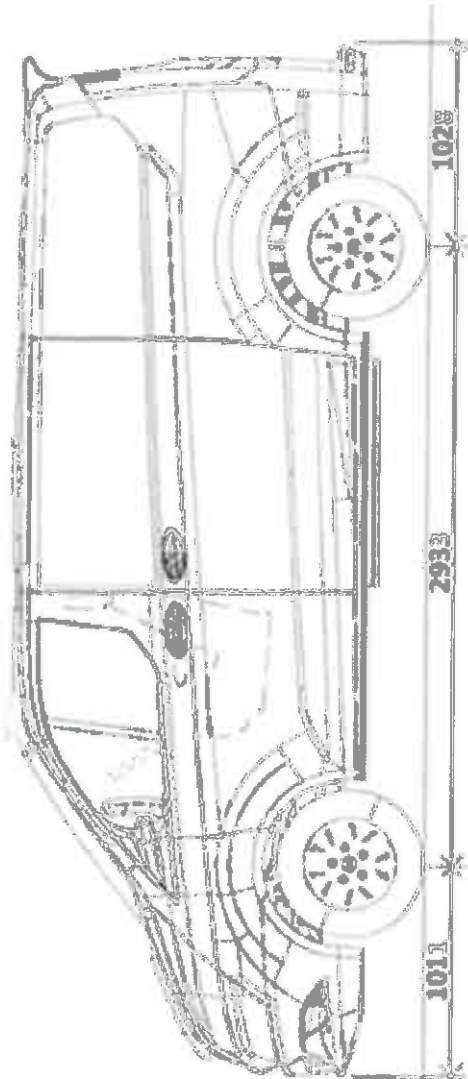
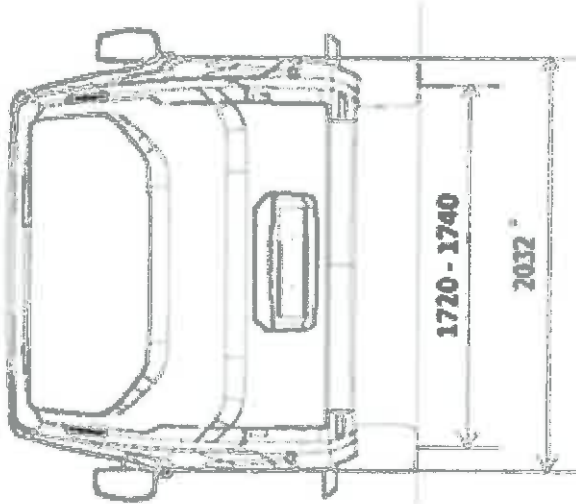
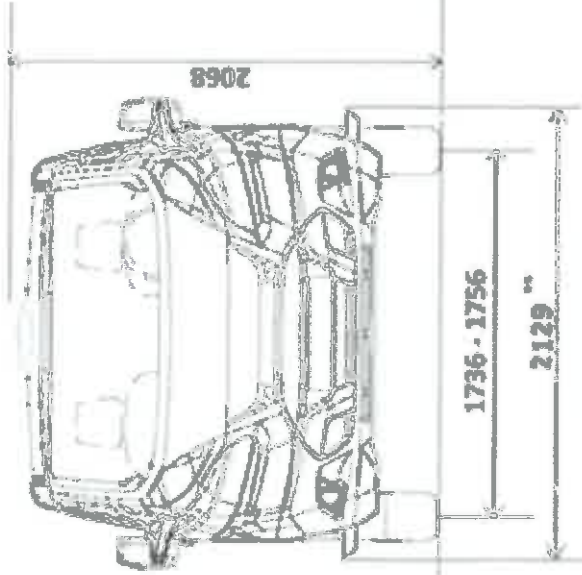
36	Vehicle Modification	
	<p>The vehicle should hold a Certificate of Conformity identifying it to be holding European Community Whole Vehicle Type Approval.</p> <p>If not, or the vehicle has being modified since leaving the manufacturer / supplier, a 'normal' level Voluntary Individual Vehicle Assessment must be carried out before presenting the vehicle at one of the Council approved testing stations</p>	<p>19 January 2017</p> <p>OK - supplied</p>



Close

Final dimensional drawing

JPG 141 KB



Email Save

- * with electric side steps
- ** with fixed running boards

Walker, Ann

Subject: FW: Today/Further Info
Attachments: PROCAB ECWVTA.pdf

From: Lucy Bradley [mailto:lucy.bradley@alliedvehicles.co.uk]
Sent: 21 February 2018 17:04
To: Basford, Dave
Subject: Today/Further Info

Hi Dave,

Great to meet you earlier and thanks for all your help.

As discussed...

- I have attached the ECWVTA Certification for the ProCab.
- Here is the link to our web page on the ProCab, scroll down and you'll see all the different tabs; images, tech spec etc... here you can also download the brochure.
<https://www.cabdirect.com/car/ford-procab/>
- Image of the outside measurements – below.

Hope that's everything?

Let me know if you need anything else.

I look forward to hearing from you with a committee date.

Many Thanks
Lucy



**Vehicle
Certification
Agency**

VCA Headquarters
1 The Eastgate Office Centre
Eastgate Road
Bristol, BS5 6XX
United Kingdom

T +44 (0)300 330 5797
F +44 (0)300 003 2198
E enquiries@vca.gov.uk

www.dft.gov.uk/vca

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY
Whole Vehicle - issue letter

09 May 2017

Dear Sir / Madam,

Please find enclosed your issued Whole Vehicle approval document. Now that the approval has been formally issued you are able to prepare for vehicles built in full conformity with this approval to be presented for registration. Please be advised to check the national requirements of the country you are intending to register vehicles to establish the timeframe that they will work to once they are notified of the approvals existence.

If you believe that any changes are required to this approval please notify the issuing officer within 10 working days of receiving this approval.

Around twenty working days after the date of issue the approval, if European Whole Vehicle or European Small Series, will be made available to the other European Approval Authorities via a secure web-site. If any changes are required after the approval is loaded onto the web-site this would result in a formal update to the approval being required. If you wish for the approval to be circulated sooner than the 20 working days please let the issuing officer know, by e-mail, so that the approval can be circulated.

While the attached approval is valid at the time of issue the following has to be taken into consideration as to when the approval needs to be update to retain this validity:

- Conformity of Production must remain valid for the stated manufacturer and assembly plants and for the test standards required to issue this approval
- If any details on the following pages is changed, whether through a technical change to the production process, or through an administrative change (e.g. adding an additional commercial name or assembly plant) the approval would need to be updated
- If the legislation requires the test standards for this category of vehicle to alter and the related System and Component approvals and / or technical reports are updated, then, in most cases, this approval would require an update to incorporate the changes
- For a multi-stage approval an update to the previous stage(s) of the approval via an extension to the relevant Whole Vehicles would also result in an extension to this approval

Yours faithfully

D LAWLOR
Chief Technical and Statutory Operations Officer



Vehicle
Certification
Agency

THE UNITED KINGDOM VEHICLE APPROVAL AUTHORITY
EC VEHICLE TYPE-APPROVAL CERTIFICATE

Communication concerning:

EC type-approval ⁽¹⁾

~~extension of EC type-approval ⁽⁴⁾~~

~~refusal of EC type-approval ⁽⁴⁾~~

~~withdrawal of EC type-approval ⁽⁴⁾~~

Of a Type of:

~~complete vehicle ⁽⁴⁾~~

completed vehicle ⁽¹⁾

~~incomplete vehicle ⁽⁴⁾~~

~~vehicle with complete and incomplete variants ⁽⁴⁾~~

~~vehicle with completed and incomplete variants ⁽⁴⁾~~

with regard to Directive 2007/46/EC as last amended by Commission Regulation (EU) No. 2015/166.

EC type-approval No: e11*2007/46*4071*00

Reason(s) for extension: Not applicable

SECTION I

0.1. Make (trade name of manufacturer): Allied Vehicles Ltd.

0.2. Type: CFAC

0.2.1 Commercial name(s) ⁽²⁾: ProCab, ProCab S, ProCab SE, ProCab XS, ProCab R, ProCab RE, ProCab REX, ProCab Plus, ProCab S Plus, ProCab SE Plus, ProCab XS Plus, ProCab R Plus, ProCab RE Plus, ProCab REX Plus

0.3. Means of identification of type, if marked on the vehicle: Not applicable

0.3.1. Location of that marking: Not applicable

0.4. Category of vehicle ⁽³⁾: M1 (SPV – WAV)

0.5. Company name and address of manufacturer of the ~~complete~~/completed vehicle ⁽¹⁾

Allied Vehicles Ltd.
230 Balmore Road
Glasgow
G22 6LJ
United Kingdom

EWS365608



- 0.5.1. For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle

Ford-Werke GmbH
50725 Köln
Germany

- 0.8. Name(s) and address(es) of assembly plant(s):

Allied Vehicles Ltd.
230 Balmore Road
Glasgow
G22 6LJ
United Kingdom

- 0.9. Name and address of the manufacturer's representative (if any): Not applicable

SECTION II

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle(s) described above ((a) sample(s) having been selected by the EC type-approval authority and submitted by the manufacturer as prototype(s) of the vehicle type) and that the attached test results are applicable to the vehicle type.

1. For ~~complete and~~ completed vehicles / variants ⁽¹⁾:

The vehicle type meets / ~~does not meet~~ ⁽¹⁾ the technical requirements of all the relevant regulatory acts as prescribed in ~~Annex IV and Annex XI~~ ^{(1) (4)} to Directive 2007/46/EC.

2. For ~~incomplete vehicles / variants~~ ⁽⁴⁾:

~~The vehicle type meets / does not meet~~ ⁽⁴⁾ the technical requirements of the regulatory acts listed in the table on side 2.

3. The approval is GRANTED / ~~REFUSED / WITHDRAWN~~ ⁽¹⁾

4. ~~The approval is granted in accordance with Article 20 and the validity of the approval is thus limited to dd/mm/yy.~~

Place: BRISTOL

Signature: 

D LAWLOR
Chief Technical and Statutory Operations Officer

Date: 09 MAY 2017

Attachments: Information package.

Test results (see Annex VIII).

Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company.

NB: If this model is used for type-approval pursuant to Articles 20, 22 or 23, it may not bear the heading, "EC Vehicle Type-Approval Certificate" except:

- in the case mentioned in Article 20 where the Commission has decided to allow a Member State to grant a type-approval in accordance with this Directive.
- In the case of vehicles of the category M1, type-approved according to the procedure prescribed in Article 22.

This EC type-approval is, where incomplete and completed vehicles, variants or versions are concerned, based on the approval(s) for incomplete vehicles listed below:

Stage 1: Manufacturer of the base vehicle: Ford-Werke GmbH

EC type-approval number: e11*2007/46*0676*08

Dated: 09 December 2016

Applicable to variants or versions (as appropriate): All

Stage 2: Manufacturer: Not applicable

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

Stage 3: Manufacturer: Not applicable

EC type-approval number:

Dated:

Applicable to variants or versions (as appropriate):

In the case where the approval includes one or more incomplete variants or versions (as appropriate), list those variants or versions (as appropriate) which are complete or completed.

Complete / completed variant(s): Not applicable

List of requirements applicable to the approved incomplete vehicle type, variant or version (as appropriate, taking account of the scope and latest amendment to each of the regulatory acts listed below).

Item	Subject	Regulatory act reference	Last amended	Applicable to variant or, if need be, to version

(List only subjects for which an EC type-approval exists)

In the case of special purpose vehicles, exemptions granted or special provisions applied pursuant to Annex XI and exemptions granted pursuant to Article 20:

Regulatory act reference	Item Number	Kind of approval and nature of exemption	Applicable to variant or, if need be, to version
EC Directive 2007/46/EC Annex XI, Appendix 3, Item 15A	15	As permitted / required by footnote W ₃ and Annex XI Appendix 3	All
EC Directive 2007/46/EC Annex XI, Appendix 3, Item 19A	19	As permitted / required by footnote W ₅ and Annex XI Appendix 3	All
EC Directive	31	As permitted / required	All

EWS365608



2007/46/EC Annex XI, Appendix 3, Item 31A		by footnote W ₈ and Annex XI Appendix 3	
EC Directive 2007/46/EC Annex XI, Appendix 3, Item 44A	44	As required by footnote W ₈ regarding wheelchair mass used in mass calculations	All

- (1) Delete where not applicable.
- (2) If not available at the time of granting the type-approval, this item shall be completed at the latest when the vehicle is introduced on the market.
- (3) As defined in Annex II.A.
- (4) See side 2.

Ford ProCab™



ProCab™ from Ford and Cab Direct



Cab Direct™
Driving for Perfection





Contents

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06	Purpose-built Taxi
07	Driver Benefits
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11	Passenger Comfort
13	Ford TDCI
15	Class-leading Safety
17	Access
18	Features & Options
20	Technical Specification
21	Colour Choice
22	Why Cab Direct
23	Peace of Mind

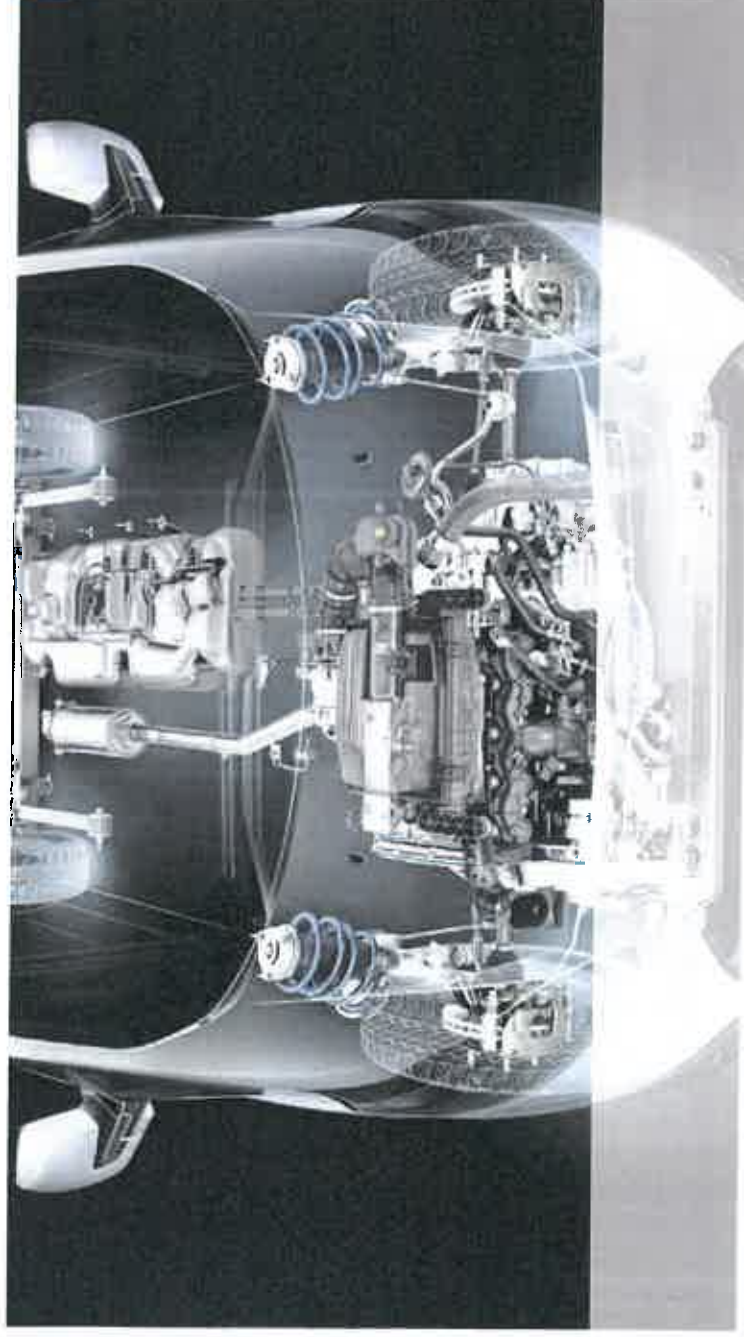
All information correct at time of going to press.
Specifications may be subject to alteration.

The New Generation Hackney



Designed and manufactured jointly by Ford and Cab Direct, all-new ProCab™ has been purpose-built to provide the perfect solution for today's busy taxi driver.

Built with the needs of the professional driver front of mind, ProCab™ comes complete with all the features you'd expect from a modern built hackney taxi plus many more besides. Great to sit in and great to drive, ProCab™ epitomises everything the taxi of today should be.



With its fully coloured exterior, specially designed spoiler, five-spoke alloy wheels and a stylish new taxi graphics kit, ProCab™ has a distinctive and powerful presence. Not only does it look the part, it raises standards when it comes to specification too.

Built on Ford's reliable Tourneo Custom chassis, ProCab™ combines an exclusively-appointed interior with a wealth of equipment, space and the latest safety technology to complete the ideal hackney taxi. With its six-seat rear compartment and the option of a double seat up front, ProCab™ can accommodate up to eight passengers in comfort and style.



Purpose-built Taxi

The Professional Choice



Superb ride handling



Improved ride quality



Durable exterior

Development

Driving thousands of miles every year is guaranteed to make you and your back sensitive to every bump on the road. ProCab's™ ultra-modern vehicle platform promises a comfortable journey for you and your passengers. Fine-tuned with new, stiffer mounting bushes and brackets, ProCab™ offers improvements in ride quality and handling. It also features Torque Vectoring Control to enhance traction, roadholding and agility when cornering, resulting in an even smoother driving experience.

Design

Tourneo Custom was the first of Ford's commercial vehicles to adopt the 'Kinetic Design' ethos that has informed the look and feel of many of the company's passenger cars. The result is a bold and distinctive hackney that packs a powerful punch on the road. You can be sure ProCab™ will retain its good looks for years to come too, thanks to Ford's thorough multi-stage painting process. From the wax-injected steel body to the hard-wearing top coat, ProCab™ has a durable exterior that's built to last.

Driver Benefits



In-built satellite navigation



Automatic headlights



Ford SYNC with AppleLink

When your vehicle is your workplace, the importance of comfort and convenience can't be overstated.

Developed on Ford's top specification Titanium model, all-new ProCab™ raises the bar in driver benefits. In fact, ProCab™ has more equipment included as standard than any other hackney taxi on the market.

Fully Loaded

ProCab's™ spacious cockpit has been designed to ensure everything is just where you need it. Start off with the heated driver's seat. With 10-way adjustment, lumbar support, cushion tilt and armrest, you're sure to be able to find your optimum driving position. Inspired vehicle design means all controls are within easy reach.





Features such as in-built satellite navigation, 4" multi-function display, DAB radio, USB and AUX ports, rain sensing wipers, automatic headlights and plenty of storage all combine to provide an enhanced driving experience. In addition, independent front and rear heating and air conditioning systems allow both you and your passengers to set the ideal temperature, whatever the weather. For greater convenience ProCab™ also features our unique FareAssist™ quick release door system, which means you can unlatch the rear passenger doors at the touch of a button.

Ford SYNC

With Ford's voice activated communications system, ProCab™ allows you to play music, make and receive hands-free calls and even control apps on your smartphone, all with a simple command. Featuring Ford Emergency Assistance, this potentially life-saving technology can even be set to automatically call the emergency services in the event of an accident. In short, with SYNC on-board, all you have to do is keep your hands on the wheel and your eyes on the road.



Driveability

The Professional Choice



Cornering headlights



SelectShift automatic transmission



Wherever you sit in ProCab™ there's one constant; exceptional ride comfort.

The raised driver position plus large windscreen and side windows create exceptional visibility, especially in busy traffic. Similarly, the large tailgate window provides an enhanced rear view. In addition ProCab's™ wide angle door mirrors - with blind spot eliminator - will make your life as easy as possible. Built-in side steps are ideal for anyone who gets in and out of the cab several times a day. If you're used to working the night shift, you'll be particularly impressed with ProCab's™ cornering lights, which illuminate the road ahead when the steering wheel is turned beyond 30 degrees.

Technology Driven

Add cruise control with adjustable speed limiter, front and rear parking sensors, Hill Start Assist and Traffic Sign Recognition - which handily displays the speed limit on your instrument cluster - and your working environment is sure to be a relaxed and enjoyable place to be. In short, ProCab™ promises a smooth and comfortable journey for all on board, whether that's one passenger travelling alone or a full complement with bags of luggage.

Finally, there's a choice of six-speed manual or Ford's new SelectShift automatic transmission, to ensure driving for a living doesn't become a hardship.

Passenger Comfort



ProCab's™ spacious rear compartment promises your customers a relaxing journey, every fare.

ProCab™ features illuminated, twin electric side-steps as standard. They automatically deploy when the passenger door is opened to assist with entry and exit. Inside, comfortable seating accommodates six passengers in the rear compartment with loads of room to spare. With our new leatherette finish your customers can settle in for an enjoyable trip. They can also set their preferred climate thanks to the separately controlled air conditioning system. In addition, ProCab's™ EasyTalk™ two-way intercom, with variable audio control, makes communication easy. Excellent road holding and modern, variable suspension guarantee passengers a smooth and comfortable ride, whatever the journey.



Bags of Space

Whether it's hotels, train stations or airport runs, today's passengers often come with plenty of baggage.

With a cavernous 922 litre boot – our roomiest ever hackney – ProCab™ can handle luggage laden passengers with ease. Wide-opening, sliding side doors make way to a spacious rear compartment finished with quality, hard wearing materials throughout. For added load carrying capacity you can also choose an additional storage pen up front at no extra cost.



Ford TDCi



**44.8
MPG***

Introducing EcoBlue Technology

Engineered to meet strict Euro6 emission standards, ProCab™ features Ford's all-new EcoBlue diesel engine under the bonnet.

Powered by a new 2.0 litre, 130 PS engine ProCab™ strikes the perfect balance between performance and economy. Ford's latest engine is 13 per cent more efficient than its predecessor, returning an impressive 44.8mpg on the combined cycle. Not only that, it offers 20 per cent more torque for maximum power and responsiveness.

You can be sure you're getting the most from your ProCab™ too, thanks to the handy gear shift indicator. There's also an EcoMode information

system which shows when you're achieving optimum fuel efficiency. Plus Ford's automatic start/stop function, which temporarily switches your engine off when the vehicle is stationary. Service intervals of up to 18,000 miles also help make ProCab™ a real money saver.

Environment

ProCab's™ Selective Catalytic Reduction (SCR) system uses AdBlue to convert NOx emissions from the exhaust's gas into Nitrogen and water. A particulate filter then reduces more than 99% of solid particulates from the exhaust to emit 55% less harmful gas than with the previous emissions standard. This makes ProCab™ our cleanest ever hackney.

*Official VCA fuel consumption figures, combined cycle, manual

**55% less
NOx than
the previous
standard**



Class-leading Safety



Safety for you and your passengers is paramount. With ProCab™ you're in good hands as Ford's Tourneo Custom was the first in its segment to earn the maximum five-star rating from Euro NCAP.

Smart Engineering

With more than 4,500 crash tests to its name – both real and virtual – Ford's Tourneo Custom was designed to keep its occupants and pedestrians as safe as possible. The protection begins in the stiff bodyshell that contains increased levels of high and ultra-high strength steel. Safety is further complemented by a full line up of passive and active technologies, an array of airbags plus advanced chassis and braking technology. AutoLock™ indicators also prevent your passengers exiting into traffic from the wrong side of the vehicle.

Stop Fast

Standard safety features such as ABS with Emergency Brake Assist ensure impressive stopping ability, helping you keep on the right track when lesser vehicles would be skidding out of control. Larger brake pads last longer and are also more resistant to brake fade, while wear sensors will help you determine when they are due to be replaced. Additional safety features include Traction Control, Electronic Stability Control, Side Wind Stabilisation and Roll Stability Control – all of which help you stay on track, particularly in extreme weather conditions. Hill Start Assist also ensures your cab won't roll backwards when starting on a slope.



Access

The Professional Choice



Disabled passengers in particular often depend on taxis to get about which is why ProCab™ has been built to enhance access for all.

High-visibility grab handles, seat patches and floor edging assist passenger entry and exit. A hearing induction loop is also included for the hard of hearing, while all ProCab's™ are fully wheelchair accessible.

Access and egress is further enhanced with electric side-steps, on both sides. Wide and stable, these automatically deploy when the side door is opened or closed.

Wheelchair Access

For optimum accessibility, every ProCab™ comes with our renowned EasySlide™ pull-out ramp as standard. Integrated with the passenger compartment floor, the EasySlide™ ramp is quick, light and easy to use. ProCab™ also features our unique EasySlide™ rear seat, developed specifically for the taxi trade, which allows drivers to create more space in the rear compartment for disabled passengers when required.

Safety Standards

Quick-attach tie-downs make securing the wheelchair as easy as possible and a full 3-point, inertia lap and diagonal seat belt ensures your passenger is safe to travel. Both the wheelchair tie-downs, occupant restraints and their anchorages have been tested to the highest standards ever achieved in a UK taxi.

Features & Options



EasySlide™ rear seat



EasySlide™ under-floor ramp



Storage compartment with 12v socket



High visibility LED taxi sign

Purpose-built for the taxi trade, ProCab™ is designed and built with a host of modern features to benefit you and your passengers.

ProCab™ Features

Taxi Features
Ready-calibrated DigitaTax taxi meter
FareAssist™ quick release door system
Full high-impact protection partition screen with pay area
Driver controlled remote locking of front or all doors
Automatic motion locking on passenger doors (above 3mph)
Full wheelchair access
Two-way Intercom with automatic radio Intercept
Front high-visibility LED taxi sign
EasyWipe™ rear seats with high visibility patches
Choice of single or double front passenger seats
Choice of front luggage pen in place of front passenger seats)
First aid kit
Spare wheel, jack and carrier
Access Features
EasySlide™ under-floor ramp
Self-retracting wheelchair tie-downs
Lap and diagonal seat belt for wheelchair passenger

EasySlide™ rear seat for improved accessibility (double seat only)
Twin electric slide-steps
Twin running boards (free option)
High visibility grab handles
Hearing loop
Comfort & Convenience
In-built satellite navigation
Air conditioning front and rear
One touch electric front windows
Quickclear heated windshield
Remote central locking
Leather steering wheel
Power assisted steering
Rake and reach adjustable steering column
Electrically operated, heated power foldable door mirrors
Rain sensing front wipers
Automatic headlights
Front and rear parking sensors

Cruise control with adjustable speed limiter
Heated driver's seat
Driver's seat armrest
Lumbar support adjustment for driver's seat
3 x 12v power sockets
3 pin plug socket (150W) in driver compartment
4" TFT multi-function display
Trip computer
Dash mounted cup-holder
Fascia mounted bottle holder
Fascia mounted storage compartment with lid
Driver and passenger door map pockets
Entertainment
Voice activated Ford SYNC DAB radio/CD system with AppleLink
Bluetooth® connectivity
Audible text messaging
USB port

The Professional Choice



Easy-Fuel capless refuelling system



Power foldable door mirrors



Digitax taxi meter



16" alloy wheels

Four front and six rear speakers
Automatic cut-out for radio/CD when intercom activated
Steering wheel remote controls for radio/CD
Interior Features
Front and rear courtesy light with theatre style dimming
Distance to empty indicator
Instant and average fuel consumption indicator
Glovebox with lockable lid
Exterior Features
Twin sliding side doors
Glazed rear tailgate with wash/wipe
Body coloured front bumper with chrome grille highlight
Body coloured rear bumper, side mouldings, handles and mirror housings
Projector style, halogen headlights and static cornering lights
Daytime running lights
16" alloy wheels
Mud flaps (front)

Front fog lights
Metallic paint
Security Features
Perimeter alarm
Immobiliser (insurance approved category 2)
Auto re-locking doors with deadlocks
Safety Features
Anti-lock braking system (ABS) with electronic brake-force distribution (EBD)
Fire extinguisher
Electronic Stability Control
Hill Start Assist
Emergency Brake Assist
Emergency Brake Warning
Roll Stability Control
Side Wind Stabilisation
Front, side and curtain airbags
3-point inertia reel seat belts

Tyre Pressure Monitoring System
Driver security lock for passenger doors
Indicator-activated rear door locks
Warranty & Breakdown Cover
3 year/100,000 mile Ford warranty
12 year perforation warranty
1 year road side assistance cover
Additional Accessories
CabSafe™ onboard CCTV system
Supagard professional interior and exterior protection
Coin dispenser
Warning triangle
Windscreen mounted for hire light
Mud flaps (front, rear are standard)
Wind deflectors - clear or tinted

Technical Specification

130 EcoBlue Manual		130 EcoBlue Auto
Engine	Euro 6	
Emission standard	Diesel	
Fuel type	1,995	
Cubic capacity	130	
Max power - PS	385	
Max torque - Nm	✓	
Start/stop technology		
Tyres		
Size	215/65 R 16	
Fuel Tank		
Capacity (litres)	70	
Transmission		
Number of gears	6-speed	
Fuel Consumption (mpg)		
Urban	39.8	37.2
Extra urban	48.7	44.1
Combined	44.8	40.4
Emissions		
CO2 (g/km)	162	181
Suspension		
Front	Independent MacPherson struts with coil springs, shock absorbers and stabiliser	
Rear	Rear leaf springs with shock absorber	

130 EcoBlue Manual		130 EcoBlue Auto
Brakes		
Front & rear	Dual-circuit with self-adjusting servo-assistance and ABS	
Additional safety	Traction Control, Electronic Stability Control, Hill Start Assist, Side Wind Stabilisation and Roll Stability Control	
Dimensions (mm)		
Length	4,972	
Width - including door mirrors	2,272	
Height	2,068	
Wheelbase	2,933	
Front overhang	1,011	
Rear overhang	1,028	
Seating		
Passenger seats (rear)	6	
Passenger seats (front)	0, 1 or 2	
Weight (Kg)		
Gross vehicle weight	3,140	3,140
Max kerb weight	2,403	2,457
Certification		
Approval standard	EC Whole Vehicle Type Approval	
Maintenance		
Service intervals	18,000 miles	

Colour Choice

The Professional Choice

ProCab™ is available in solid white and six additional pearlescent or metallic finishes.



Frozen White



Shadow Black



Magnetic



Moon dust Silver



Tectonic Silver



Stratosphere



Deep Impact Blue

*Additional colours available to order on request. Colour palette for illustrative purpose only.

Why Cab Direct?



There are many good reasons why more people choose Cab Direct than any other modern taxi manufacturer in the UK.

- Engineering excellence through a unique joint-manufacturing partnership with leading manufacturers
- Solid company background, trading successfully in the taxi market for over 23 years
- Safety-assured with European Whole Vehicle Type Approval
- Free, no-obligation demonstrations throughout the UK
- Free delivery anywhere in the UK
- Service and support from more than 500 local service partners
- Free technical helpline, open seven days a week

Many companies have tried to copy our vehicles but none match the overall quality of product, backup service and value for money.

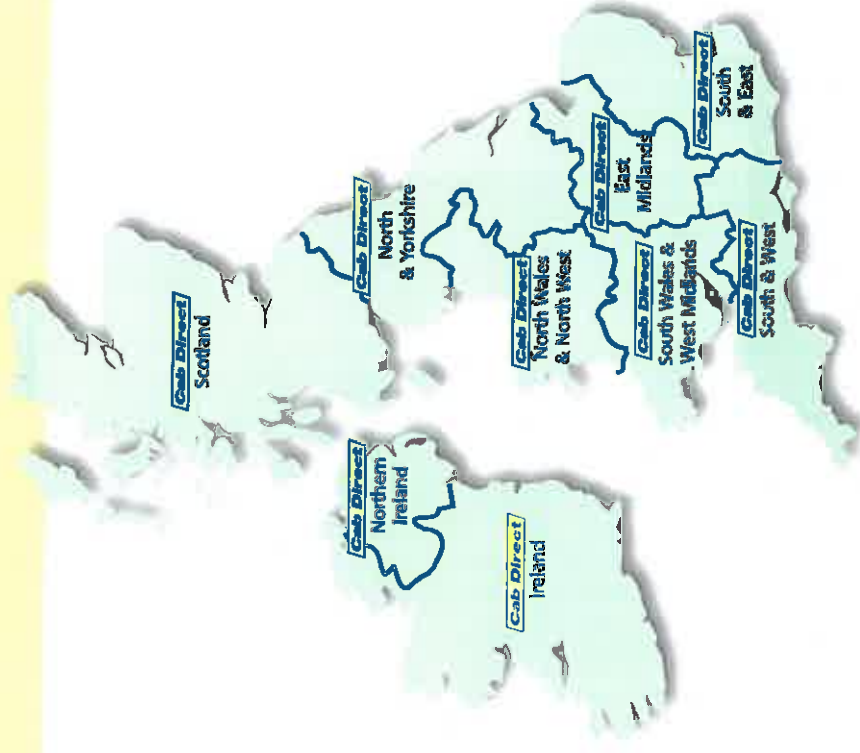
Peace of Mind



When your vehicle is your livelihood, you'll want to know your cab is reliable and you'll want to be sure you're covered should anything major go wrong.

Service and Support

Efficient service and support is vital for everyone in the hard-working taxi industry. First and foremost you'll have access to more than 500 local service partners throughout the UK. There's also the added benefit of our huge stock of parts which can be delivered overnight to you or your garage service provider. We even provide a free technical helpline, open seven days a week, to help you resolve any queries and issues that may arise. You'll have the added benefit of free breakdown cover for the first year too.



Wherever you are in the UK, call today to book your free no-obligation home demonstration.

For further information or to arrange a free
home demonstration call our friendly customer
service team today or visit our website.

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