

# **NEWS RELEASE**

## **THE CITROËN C5 ESTATE, THE WORLD'S MOST ADVANCED WAGON, ARRIVES IN AUSTRALIA TWO MONTHS EARLY**

- **1658 litre load area**
- **The Citroën C5 kneels down to ease loading**
- **Self leveling suspension for a level ride height and superb ride quality whatever the load.**
- **Automatic emergency brakes, lights and wipers lead technological advances.**

The Citroën C5 Estate, the most advanced load carrier in the world, has arrived in Australia a full two months ahead of its planned Sydney Motor Show launch, providing Australian car buyers with a unique combination of style, advanced technology and all-round ability.

"There has been so much interest in the C5 Estate following the launch of the Citroën C5 sedan in June, that we applied some pressure on our French colleagues to get the estate here early," says Miles Williams, General Manager for Citroën in Australia.

"The demand has been generated by the by the arrival of the Citroën C5 and the anticipation for the latest Estate from Citroën, a company that has produced some of the best estates in the world. The Citroën C5 is, unquestionably, a worthy heir to that fine tradition of the world's best Estates."



Unveiled at the 2001 Geneva Motor Show, the C5 Estate follows in the Citroën tradition of providing spacious Estates with the unique benefit of Citroën's hydropneumatic self leveling suspension. As with previous Citroën Estates, this provides the C5 Estate the benefit of not just a unique ride quality, but it also means that whatever the load the Citroën C5 Estate rides at an even level and there is no loss of suspension travel, which translates into the C5 offering the same quality of ride whether fully laden or empty.

And this self-leveling facility is about more than just comfort. It is a very real safety feature. Unlike all its competitors, when fully laden, the C5 does not drag its tail along the ground, but retaining normal ground clearance (which can be boosted to two raised height levels at the push of button), the headlights retain their normal range as they are not shining up into the air and normal suspension travel is retained ensuring that the C5 Estate is as sure footed when laden as it is empty.

For the Citroën C5 Estate, like its sedan stable mate, this is taken several steps forward with the latest version of Citroën's world-beating suspension – Hydractive 3. This adds:

- Automatic or driver selected sport suspension setting
- The C5 recognizes rough roads and raises itself automatically for greater ground clearance.
- At freeway speeds the C5 lowers itself for better stability and lower fuel sapping drag.

Additionally, with the Citroën C5 Estate, a button is provided at the rear of the car which, when activated lowers the C5 to the ground to make loading heavy items easier and safer. When loading is complete, the C5 Estate automatically restores normal drive height and self-leveling.

The load area, which has a minimum volume of 563 litres and which expands to a maximum of well over 1.6 cubic metres, may be accessed either through the wide opening rear door or through the rear window, which opens independently of the rear door, adding to ease of use and flexibility. Either way the load space is positively cavernous. For example, the load area length is a minimum of 1.08 metres and this expands to 1.78 metres with the rear seats folded. The maximum payload is an impressive 600 kg.



The load area has a reversible floor mat, with one side covered in deep pile carpet and the other side in a washable and waterproof high grip surface, which means that the Citroën C5 Estate is equally happy with carrying the finest soft leather luggage, a dirty mountain bike or wet towels and swimming costumes from a family day at the beach.

For added safety and security, there are luggage tie down points, a load cover, cargo net and a retractable net to keep pets and luggage in the rear load area. For really large loads, the Citroën C5 Estate is also equipped with stylish and functional roof rails.

To extend the load area there is the choice of using a through load hatch behind the rear seat armrest for long items such as skis or fishing rods. The seats may be folded down either as a complete bench or split 40/60, giving the maximum flexibility.

The styling of the Citroën C5 Estate harmoniously blends with the dynamic shape of the Citroën C5 sedan, long, sleek and with a large glass area at the side and strong tail complete with the dynamic rear lights that are safety orientated as they are stylish.

Initially the Citroën C5 Estate will be available in Australia with a the new 2.0 litre 16 valve 101 kW engine with a choice of a five speed manual gearbox or an auto-adaptive four speed automatic gearbox with Tiptronic style manual gear selection,

This provides the Citroën C5 Estate with a top speed of 203 kmh in manual form and 194 kmh with the automatic gearbox. The C5 Estate dispatches the dash to 100 kmh in 11 seconds or 13.2 with the automatic gearbox. European Government fuel figures show the C5 2.0 Estate to offer an average of 8.4 litres/100 km in manual form and 8.7 with the self shifting gearbox.

Standard equipment is the same as the Citroën C5 2.0 litre sedan, or in other words, at an impressively high level.

All versions of the Citroën C5 have front and rear electric windows, climate control air conditioning with split temperature control, front centre arm rests, power steering, remote central locking, automatic windscreen wipers, electrically operated and heated door mirrors,



rear folding arm rests, glove boxes for both the front passenger and driver, drawers under the front seats, power sockets in the front for computers and mobile phones and another power socket in the luggage compartment for fridges; a trip computer and multi function readout displays and a CD audio system with six speakers and steering column stalk-mounted controls.

With the Citroën C5 Estate, the French car maker is targeting car buyers who need the space and flexibility of a full size Estate but who will not accept any of the compromises that this type of vehicle normally entails, such as reduced comfort and driving ability when laden and low levels of style. With Citroën's expanding Australian dealer group – new Citroën dealers have recently opened in areas as diverse as central Sydney and Rockhampton – the C5 Estate will find owners throughout Australia.

The Citroën C5 2.0 16V Estate has a recommended retail price of \$43,490 in manual form and when fitted with an automatic gearbox it has a recommended retail price of \$45,490.

"The Citroën C5 Estate sets nothing less than a new benchmark for Estates," says Miles Williams, General Manager for Citroën in Australia. "Beneath its stylish exterior is a vehicle of unique ability and versatility that offers superb load carrying ability without compromise. We are certain that it will join with the Citroën C5 sedan in taking Citroën sales to new levels in Australia."



## Citroën C5 Estate: Contents

Citroën C5 Estate: Qualities and Character .....	6
The versatile wagon .....	6
Citroën C5 Estate: An attractive Car .....	8
Exterior styling with promise .....	8
User-friendly interior .....	8
Citroën C5 Estate: The Performance of a luxury car.....	10
Citroën C5 Estate: Technology that serves the owner .....	11
Citroën C5 Estate: The 2.0 litre 16V engine.....	12
Citroën C5 Estate: Technology to serve the driver .....	13
Citroën C5 Estate: A global approach to safety.....	15
Citroën C5 Estate: Technical information .....	17
Citroën C5 Estate: Features and equipment .....	21



## THE CITROËN C5 ESTATE, QUALITIES AND CHARACTER

The Citroën C5 Estate is clearly a car with a strong personality, as illustrated by its unique features and distinctive styling. It is apparent at a glance that this is a car designed to satisfy the customer's every expectation. The vast loading capacity, dynamic lines and exemplary roadholding make the C5 Estate *the* reference in its segment.

The volume of the boot was one of the priorities in the Citroën C5's design. This is clearly expressed by the tailgate, which rises vertically in order to maximise loading height. The C5 Estate offers the best minimum boot volume in its category with 563 litres. The modular rear seats increase the volume available to a generous 1,658 litres, and capacity can be increased still further by removing the rear cushions.

The structure of the vehicle ensures that all the loading space can be used. The boot is flat and regular in shape with a wide lip on the sill with a minimum width of 1,176 mm and a maximum width of 1306 mm. Maximum headroom is 922 mm and 487 mm under the parcel shelf.

But the C5 Estate is more than a cavernous loading area. The accessibility of the boot must not be overlooked. This characteristic reflects Citroën's efforts to develop an Estate that is well equipped to handle all the stresses of daily life. Noteworthy features include:

### **Variation of load sill height when the vehicle is stationary**

The C5 Estate features a new function that varies the load height when the vehicle is at a standstill in order to adapt to loading constraints. Easy to use, this function is controlled by a button in the boot. It is available even with the engine off. The minimum sill level is 493 mm, the normal level is 568 mm and the maximum level 653 mm.

### **A rear window designed to open**

The rear window is designed to open, so that the boot can be accessed in all circumstances. As a consequence, it is no longer necessary to open the tailgate to load small objects.

### **Extreme versatility**

The boot of the C5 Estate adapts to all types of usage with its reversible, multi-application boot mat. The carpeted side maintains the original elegance of the vehicle, while the washable PVC side makes it possible to transport dirty objects without risk. A protective net makes sure that objects placed in the boot cannot be thrown forward into the passenger compartment.

Designed for a perfect fit, the net is easy to install and is available in all seat positions, thanks to the reel built into the seat back. The storage capacity of the boot is further optimised by stowage compartments, such as a ski flap, a floor net, a compartment in the spare wheel well and closed compartments behind the wheel arches.

### **Focus on visual appeal**

Citroën spared no efforts in the design of the C5 Estate. The quality of the finish, down to the last detail, makes this one of the most stylish and sophisticated Estates on the market. The



boot gas struts, for example, are built-into the roof, while the sill is chrome-plated and covered with a protective film.

### **Generous space for all occupants**

The design of the C5 Estate focused on two core requirements: space for users and on-board well being.

Measuring 4.76 m in length and 1.77 m in width, the C5 Estate is positioned at the top end of its category. Standing tall, with a height of 1.52 m, it combines generous headroom with a raised seating position. The driver has better visual command of the road, for improved visibility and safety. Passengers at the rear are not forgotten. The floor-pan is virtually flat, providing generous foot space for increased comfort. Headroom is 915 mm at the front and 930 mm at the rear.

### **A host of convenient and roomy stowage compartments**

On-board well-being demands intelligent use of space with the focus on convenience. The passenger compartment is fitted with a range of stowage compartments, in addition to those provided in the boot.

The glove box has a capacity of 1.7 litres and the lid can be used to store such items as glasses, pens and notes. The console features a central compartment that can be used to hold two cans or everyday objects such as a mobile phone. The phone can be recharged on a 12V socket, also on the central console. A cubby to the right of the driver can hold gloves and keys.

Each front door is fitted with two roomy bins of which one has a lid. The rear doors are also equipped with a capacious bin. The console stowage compartment at the rear is removable, and can be used as an ashtray, cubby or small rubbish bin. A rear central armrest with built-in stowage and a sliding can-holder complete the range of stowage compartments.



## **CITROËN C5: AN ATTRACTIVE ESTATE**

### **Exterior styling with promise**

The exterior styling of the C5 Estate is both eloquent and stylish. The increased size is immediately visible, even though the flowing lines are unbroken. A vehicle of impressive road presence, with a long wheelbase and wide track, the C5 Estate expresses performance, control and strength.

The front end of the C5 Estate features a particularly harmonious design, with the unbroken lines of the bonnet and windscreen.

The huge headlamps, of complex shape and surface, underscore the contemporary appeal of the styling. The large double chevron on the radiator grille clearly identifies the vehicle as a member of the Citroën family. The contours of the bonnet, front wings and bumper further reflect the robust strength and power of the car.

The profile reveals a perfect balance: the front end expresses power, elegance, and protective strength, while the rear end illustrates the generous volume. The roof bars running the length of the roof further enhance the fluidity of the body lines. The C5 Estate is not a stretched saloon or an exercise in style but a true Estate.

The large glazed area forms a belt of light that increases well-being for occupants and reveals the spacious design of the interior. The side windows of the boot are larger than those on the rear doors, highlighting the huge loading capacity.

The rear end of the C5 Estate features a high, wide design set off by the two curves formed by the vertical lamps that form "brackets" around the tailgate.

### **User-friendly and ergonomic design gives structure to the interior**

The interior styling reinforces the impression of generous space. A double curve gives structure to the dashboard and clearly defines the areas dedicated to the driver, the passenger and to the functions shared by all the occupants. The inner panels of the doors are also curved, giving the interior a sense of homogeneity.

The upholstery reflects the focus of the styling. The luxurious fabrics, velour, alcantara and optional leather are an expression of quality. The choice of materials (e.g. the slush-moulded upper dashboard, luxury-feel window surround, soft-look paintwork, metal door handles and illuminated insert-moulded air-vent knobs), with the quality of the seats and the inner panels of the doors clearly identify the C5 Estate as a car in which comfort is of supreme importance. The dashboard respects the highest possible standards in ergonomics.

The objective is to make functions easy to use and to enhance safety. For example, the multi-function screen is located at the top of the dashboard, where it is accessible to the passenger and where the driver can see it without taking his eyes off the road. The audio and air conditioning controls are mounted on the front of the console, within easy reach. The commands for the two-way power windows and electrically controlled rear-view mirrors are placed on the elbow rest.





All comfort functions have simple, well positioned controls. They include the knobs for the temperature setting, and audio commands at the top of the steering column, just below the steering wheel.

The knob for the optional sunroof is fitted with a one-touch system to open, tilt and close the roof. An anti-pinch mechanism is also provided. Different opening positions can be programmed in advance and the driver then simply turns the knob to one of these settings to open the sunroof. The roof closes automatically if the control is returned to the 0 position.

### **Seats designed for optimum postural comfort**

To optimise comfort, Citroën made seat design a special priority. The semi-raised architecture of the seats and the upright seating position provide better support for the occupant's backs. The raised position also gives the driver a good view of the road.

The seats provide comfortable support with regularly distributed seat support points. People of any size will be able to seat themselves squarely on the long, wide seat cushion. The seat back is wide, high and slightly arched at the base for lumbar support. The seat back curves forward at shoulder level, providing good lateral support for the upper part of the back.

- **Adjustments** for passengers of all shapes and sizes. The driver and passenger seats are fitted with height-adjustment systems that are "pseudo-parallel", i.e. linked to the rake setting of the seat base. This ensures good thigh support for all passengers, from the smallest to the tallest. The seat height adjustment and rake/reach adjustment of the back rest offer a sufficiently wide range of settings to ensure that all passengers can find the most comfortable traveling position.
- **Height- and rake- adjustable headrests at the front.** The height can be modified without pressing the adjust button. A locking system stops the headrest from dropping down, notably in the event of impact. The rear headrests can be placed in two positions: a retracted position for increased visibility and a raised position for the comfort and safety of adult passengers.

The steering wheel is height- and reach-adjustable and the armrests are height adjustable for a relaxing and safe driving position.



## **CITROËN C5 ESTATE: ACOUSTICS, VIBRATION CONTROL AND CLIMATE COMFORT WORTHY OF A LUXURY MODEL**

### **Acoustic comfort**

Acoustics were a major priority in design studies. Wind noise has been reduced to a minimum by the seals on the opening panels and windows, the short, twisted roof aerial, the concealed windscreen wipers and the carefully designed external rearview mirrors.

Particular attention was given to controlling and reducing engine impact and road noise, and to filtering the noise and vibrations generated by the suspension, power steering and air conditioning. Soundproofing materials fitted in the bonnet, opening panels, engine and dashboard increase the filtration of noise entering the cabin.

### **Climate comfort**

Climate comfort is excellent, thanks to the heat-reflecting windscreen, tinted windows and fully automatic air conditioning with separate right/left temperature control and built-in sun sensor.

The heat-reflecting windscreen is composed of a sheet of metal inserted between two sheets of glass. The metal effectively refracts external heat and can establish an interior temperature that is up to 30°C lower than with a conventional tinted windscreen.

The sun sensor measures the strength of the sun's rays, enabling the air conditioning system to compensate almost instantaneously for the effects of direct sunshine on passengers. The sun sensor is also capable of distinguishing between day and night. At night, the AirCon system automatically raises the temperature slightly, because the human body requires an additional 1°C at night to feel the same comfort as during the daytime. In addition, the air conditioning system has separate right/left temperature settings, so that both front occupants can adjust the temperature independently.

The air temperature on the passenger's side is calculated on the basis of the setting entered by the driver. The system continuously monitors the temperature of the air in circulation, checking that it is at the level required to maintain the cabin at the correct temperature. If this is not the case, the system immediately adjusts the temperature before the passengers notice any change.

A double sun visor allows occupants to shield themselves from sun coming in from the front, the side, or from both directions at once.



## **CITROEN C5 ESTATE: TECHNOLOGY THAT SERVES THE CUSTOMER**

### **Hydractive 3: the ideal suspension for an Estate**

With Hydractive 3, the C5 Estate boasts superlative roadholding, a constant attitude and superb comfort, whatever the load. Hydractive 3 sets new standards in terms of roadholding and comfort. It comprises:

- A built-in hydroelectronic unit (BHI) at the heart of the system
- Four carrier elements with suspension spheres featuring new technology for exceptional durability
- Front and rear stiffness regulators with their sphere
- Electric height sensors linked to the anti-roll bars,
- A simplified hydraulic network.

### **Auto-adaptive capabilities**

Endowed with new electronic sensors, the new "auto-adaptive" suspension is able to make a precise analysis of the state of the road and the driving style of the person behind the wheel. The system acts on the electrovalves, which are linked electrically to the suspension control system (BHI), a unit with considerable computing power.

### **Automatic variations in vehicle height**

Hydractive 3 suspension features an innovative function: the height of the vehicle varies automatically according to its speed and road conditions. This function enhances stability by lowering the centre of gravity (by 15 mm at the front and 11 mm at the rear) and reducing fuel consumption by improving CdA. On badly damaged road surfaces, Hydractive 3 can increase vehicle height by 13 mm. The driver can also modify clearance manually by means of an electronic push button. Driver requirements and vehicle status are displayed on the multifunction screen.

### **Automatic management of soft and firm settings**

Hydractive 3 brings the driver a choice between two settings: comfort and sport. The independent, intelligent control system automatically adjusts springing and damping at the same time. The system is designed to switch in real time from a soft mode, with the emphasis on comfort, to a firm mode, with the emphasis on roadholding, according to road conditions and the driver's style. Through an analysis of the driver's style, the system is able to customise the changeover from one mode to the other to strike a perfect balance between comfort and roadholding. The driver can also activate the sports setting manually in order to switch more frequently to a firm suspension and thus place the emphasis on sporting performance.

### **No maintenance for five years or 200,000 km**

The new synthetic hydraulic fluid reduces friction and so brings further improvements in comfort. A system of innovative design, Hydractive 3 requires no maintenance for the first five years or 200,000 km.



## **THE 2.0 LITRE 16 VALVE ENGINE AND A TWIN GEARBOX CHOICE**

Recent developments in the EW family of engines have brought a number of benefits to the Citroën C5:

- considerable reductions in weight owing to the lighter crankcase and the use of alternative weights (crankshaft, piston, etc.);
- a reduction in friction and operating clearance;
- alloy block
- optimized design of the combustion chamber and air intake line.

These three features combine controlled consumption, high torque at low engine speeds and driving pleasure.

This indirect-injection petrol engine, with capacity of 1,997 cc (bore 85 mm, stroke 88 mm), develops maximum power of 101 kW at 6,000 rpm and maximum torque of 186 Nm at 4,100 rpm, with torque of 170 Nm from 1,800 rpm. The 2.0i 16V engine weighs 140 kg, compared with 167 kg for its earlier generation predecessor.

Fitted with the manual five speed transmission, the Citroën C5 2.0 16V Estate has a top speed of 203 kmh and it covers the dash to 100 kmh in 11 seconds. With the four speed automatic transmission, the figures are 194 kmh and 13.2 seconds.

### **Comfort and performance with the new sequential automatic transmission**

This AL4 automatic transmission is designed to adapt to the driver's style in all circumstances. The gearboxes also feature a Tiptronic style sequential gear change function. With this function, the driver can choose to switch gears manually, if he so wishes, by pushing or pulling the gear lever. This new transmission combines the advantages of the automatic and manual gearbox, since the driver can switch from one to the other at will.



## **CITROËN C5: TECHNOLOGY DESIGNED TO SERVE THE DRIVER**

### **Multiplex electrics**

The new horizons opened by multiplexing and the built-in systems interface (BSI) illustrate Citroën's strategy of putting technology to use for the customer. The multiplex electrics of the C5 Estate served to develop a range of features to augment comfort, driving pleasure and safety.

### **See and be seen**

The black panel function reduces the light given off by the instruments (with the exception of the speedometer) to make night driving less tiring on the eyes. The front wipers are controlled by a rain sensor and so come on automatically. The automatic lights-on system is equipped with two light sensors, one pointing upwards and one pointing towards the front of the vehicle. These sensors transmit information to the BSI, enabling it to identify night, day, a tunnel or an underpass. In this way, the dipped-beam headlamps come on automatically at nightfall or when the car enters a tunnel, but not when it is in an underpass. They are switched off automatically at daybreak.

The headlamps also come on automatically if the BSI detects sweeping movements of the windscreen wipers activated by rain. When the windscreen wipers are no longer in use, the lights switch off automatically during the daytime.

The main headlamps of the C5 Estate are fitted with wide-surface reflectors for maximum efficiency. The fog lamps are built into the headlamps, which are fitted with H4 lamps for dipped-beam and fog functions, and H7 lamps for the high beam function.

The hazard lights come on automatically if the car suddenly brakes at medium or high speed. They switch off when the vehicle accelerates again or if the driver presses the hazard lights button.

### **An intelligent locking system.**

The C5 Estate is equipped with three-button HF plip control. The first button is used to lock and locate the vehicle, the second unlocks the vehicle, while the third operates the windows and sunroof.

By pressing the third button several times in succession, the user can close all the electric windows and the sunroof, open them slightly, or open them more widely to air the car. If the vehicle is unlocked using the plip and none of the doors or the boot is opened in the next 30 seconds, the vehicle locks again automatically. This protects the car if it is opened accidentally or if the driver forgets to lock it.

As soon as the vehicle starts to move, the boot locks automatically to protect against theft. When the car stops, the boot remains locked until a door is opened or the plip control is used.

When the driver switches the engine off, the electric window and seat controls remain active for 30 seconds after the driver's door has been opened.



The electric windows are raised or lowered by a one-touch function. They are also fitted with an anti-pinch mechanism. The optional sunroof has the same features. It also has six programmable slide settings and three tilt settings. If it rains, the automatic wiper system is activated, and the windows and roof will close.

### **An abundance of intelligent functions**

The multiplex electrics provide a host of features to enhance comfort and safety, for example: interior lighting control, radio volume adjusted according to vehicle speed, windscreen wiper function activated after the wash function, front wiper rate adjusted when the car comes to a halt, automatic cut-off of energy-consuming functions such as the radio and lighting 30 minutes after the engine is switched off. Some of these features, such as the windows that close automatically when it rains, can be activated or deactivated on request when the vehicle is serviced.

### **Onboard computer**

An onboard computer connected to a multi-function screen displays messages for the driver with sound alarms. The driver can also programme his own maximum speed, beyond which a warning will sound.

### **A communicating car**

Consolidating its position as a leader in new technologies, Citroën has equipped the C5 Estate with a wide range of systems considered as references in the field of onboard communications systems.

### **Multifunction screen**

The C5 Estate is equipped with a multi-function screen placed in an ergonomic position on the dashboard. It displays radio information as well as data from the onboard computer (e.g. range, distance covered, average or instant consumption). Moreover, with a view to giving the driver an increased sense of responsibility, a speed warning can be programmed to go off when a set speed is reached. The screen shows the functions activated and displays clear messages to explain the meaning of warnings. A buzzer also sounds.

### **CD RDS audio system**

The CD RDS audio system with six loudspeakers features steering column mounted controls and volume indexed to vehicle speed.



## **CITROËN C5: A GLOBAL APPROACH TO SAFETY**

Citroën's approach to global safety involves taking all steps necessary to avoid accidents, notably by giving the driver a greater sense of responsibility. The objective is to provide the driver with all the information and assistance necessary to enable him to make the right decisions while concentrating on his driving. If, despite all precautions, an accident does occur, occupants are well protected by a reinforced passenger compartment and a range of complementary appliances and equipment.

### **Exceptionally surefooted roadholding**

Hydractive 3 suspension keeps a reassuringly firm grip on the road, controlling vehicle movement at all speeds and on all types of road surface, regardless of the load or number of passengers.

### **Crisp, sharp power steering**

The C5 Estate is equipped with a power steering system that varies in accordance with engine speed. The power steering circuit is independent of the suspension circuit.

### **High-performance brakes**

The C5 Estate has a system of power brakes comprising four discs (vented at the front), four-sensor ABS, and electronic distribution for braking stability. The power brake system operates independently of the suspension system.

### **Emergency braking assistance**

Emergency braking assistance is also provided. If the brake pedal is pressed suddenly – signaling an emergency situation – the main piston activates a second piston that applies maximum pressure to the braking system. This compensates for the drivers' reluctance to brake hard from the outset and considerably shortens the braking distance.

### **A high level of impact resistance and protection for the occupants**

The C5 Estate is based on the completely new platform developed for the C5 Saloon. This made it possible to reach even higher levels of safety and to satisfy the most stringent tests, in particular those of EuroNcap.

At both front and rear, the vehicle is fitted with two absorbers and a beam made of very high yield strength steel. These help to absorb energy in the event of impact at high or low speed. In the centre, the structure is reinforced by a cross member running across the roof and resting on the middle pillars. This creates a ring of steel around the vehicle, optimising safety in the event of side impact or rollover.

Further protection is provided by the door beams and, as on the Xsara and Xsara Picasso, an energy-absorbing side impact protection system in the front door panels.

The Citroën C5 Estate is fitted as standard with six airbags to protect the driver and front and rear passengers. The fuel supply is cut off automatically if one of the airbags is activated. The driver and passenger airbags have a capacity of 60 litres and 120 litres respectively. They have two levels of activation, depending on the force of the impact. Two side airbags built into



the front seats protect the chest, while two curtain airbags protect the heads of the occupants at front and rear. This ensures maximum protection in the event of a side impact.

The front seatbelts are height-adjustable. They are equipped with pyrotechnic pretensioners and force limiters to reduce pressure on the chest in the event of impact and to further enhance the level of protection.

The three rear seatbelts are all 3-point, while the side belts have force limiters and grabbers. Headrests are provided at front and rear. The C5 Estate is designed to minimise the consequences of striking a pedestrian. Particular care was taken to design a non-aggressive front end.

### **Vehicle protection**

The C5 Estate is well protected against theft and break-ins. It is fitted with the new-generation coded engine immobiliser, which pairs the transponder and engine computer. The code transmitted by the transponder can be read only by the computer controlling the vehicle's engine.

The C5 Estate is equipped with central locking of the doors and tailgate and a high-frequency remote control unit associated with a transponder. With this remote control unit, the driver no longer has to aim at the receiver to lock or unlock the vehicle. The boot locks automatically as soon as the car starts to move.





## The 2001 Citroën C5 Estate range

### Technical information

<b>Body</b>		<b>C5 2.0 16V</b>	
		Man	Auto
CD		0.29	
S – CD-A		2.25/0.66	
CI: Front – Rear		0.25/0.27	
<b>Engine</b>		<b>C5 2.0 16V</b>	
		Man	Auto
Type		Transversely mounted four cylinder engine, alloy block, aluminium head and block, DOHC, 16 valves, water cooled	
Engine name		EW10J4	
Bore x Stroke		85 x 88	
Capacity (cc)		1997	
Compression ratio		10.8:1	
Maximum power kW/rpm		101/6000	
Maximum torque Nm/rpm		186/4100	
Valve operation		Hydraulic valves, twin overhead camshafts	
Fuel Feed, injection system		Magnetti Marelli multipoint fuel injection MM4.8P	
Ignition		Four ignition coils	
Battery capacity (A)		400	
Multiplex Electronic system		Four independent VAN (Vehicle Area Networks) systems, Single System Interface, four network buses, 20 control modules.	
Mechanical VAN		Engine, Suspension, Steering, Gearbox, ABS	
Body VAN 1		Doors, Sunroof, Alarm	
Body VAN 2		Airbags, Steering wheel controls, control module	
Comfort VAN		Instrument panel, Display panel, Audio system, Nav system, AirCon	
<b>Transmission</b>		<b>C5 2.0 16V</b>	
		Man	Auto
Type		BE4 5 speed	Auto active AL4
Clutch		Single dry disk	NA
Plate diameter (mm)		230	NA
Gear ratios	1 <sup>st</sup>	0.289	0.367
	2 <sup>nd</sup>	0.535	0.667
	3 <sup>rd</sup>	0.781	1.000
	4 <sup>th</sup>	1.051	1.407
	5 <sup>th</sup>	1.257	~
	Reverse	0.300	0.407
	Final drive	0.240	0.240
Speed in kmh for 1000 rpm	1 <sup>st</sup>	8.08	10.4
	2 <sup>nd</sup>	14.93	18.9
	3 <sup>rd</sup>	21.80	28.4
	4 <sup>th</sup>	29.34	40.0
	5 <sup>th</sup>	35.08	~
	Reverse	9.0	11.6
Tyre circumference (mm)		1934	1934



<b>Wheels &amp; Tyres</b>		<b>C5 2.0 16V</b>	
		Man	Auto
Wheels	Alloy 6J 15-4-18		
Tyres	205/65 R15H		
Spare wheel	Full size		
<b>Suspension &amp; Steering</b>		<b>C5 2.0 16V</b>	
		Man	Auto
Steering	Hydraulically power assisted steering, with reducing assisted related to engine speed. Maximum assistance between 600 and 1000 rpm, falls off to 2600 rpm and then flat line assistance.		
Steering column	Height adjustable through 40 mm and reach through 27 mm, progressive collapsible with a vibration damper built into the column.		
Suspension system	Hydractive 3 hydraulic suspension with <ul style="list-style-type: none"> <li>• BHI (Built-In Hydro-electronic interface with an ECU, autonomous hydraulic pump with electrovalves and an electric motor.</li> <li>• Four carrier elements with suspension spheres</li> <li>• Front and rear firmness regulators with their own spheres</li> <li>• Electric height sensors linked to front and rear anti roll bars</li> <li>• A fluid tank and hydraulic network</li> </ul> System controls for the driver and instrument readout		
	Sport or Comfort mode		
Ride height changes			
Up to 110 kmh, normal road surface	Ride height stays at normal setting unless driver manually selects a different height.		
Above 110 kmh	Nose drops by 15 mm and tail drops by 11 mm, resets at 90 kmh		
Poorly surfaced roads	Nose and tail rises by 15 mm up to 70 kmh and then re sets.		
Manually selected settings	<ul style="list-style-type: none"> <li>• H: Maximum height setting for servicing and changing a wheel</li> <li>• P: Raised, intermediate high setting raising ground clearance by 40 mm to clear obstacles</li> <li>• N: Normal setting for ordinary driving conditions</li> <li>• B: Low setting, minimum height for loading the car and coupling caravans and trailers.</li> </ul> NB: High only available below 10 kmh, raised only up to 40 kmh.		
Pressure Generator	Five piston pump producing 0.7 litres per minute at 2300 rpm at between 80 and 140 bar		
Electro valves	Two: one front, one rear, one for inlet, one for outlet, operates in 17 milliseconds		
<b>Front suspension</b>	MacPherson suspension with a subframe mounted to the body in four places with flexible mountings, forged steel wishbones, iron pivots and an antiroll bar		
<b>Settings</b>	Comfort	Sport	
Spring rate mm/100 kg			
Empty	138	81	
Laden	108	64	
Frequency Hz			
Empty	0.64	0.81	
Laden	0.68	0.87	
Castor angle (degrees)	3		
Camber angle (degrees)	0		
Alignment (mm)	1.5		



Anti roll bar diameter (mm)	23.5	
Roll radius	5.7	
<b>Rear suspension</b>	Aluminium cross beam, cast aluminium supports with cast iron trailing arms, passing rear steering bushes and an anti roll bar	
Settings C Comfort S Sport	Comfort	Sport
Spring rate mm/100 kg		
Empty	262	140
Laden	125	66
Frequency Hz		
Empty	0.65	0.89
Laden	0.79	1.08
Castor angle (degrees)	1	
Camber angle (degrees)	4	
Anti roll bar diameter (mm)	21.5	
<b>Brakes</b>	<b>C5 2.0 16V</b>	
	Man	Auto
System type and features	Twin split system with X split, discs all round , ventilated at the front, ABS brakes with EBD (electronic brake force distribution); emergency braking aid	
Brakes - front	Ventilated disks	
Disk diameter (mm)	283	
Disk thickness (mm)	26	
Piston diameter (mm)	57	
Total lining area (mm <sup>2</sup> )	53	
Brakes - rear	Solid disks	
Disk diameter (mm)	276	
Disk thickness (mm)	14	
Piston diameter (mm)	32	
Total lining area (mm <sup>2</sup> )	29	
<b>Dimensions (mm)</b>	<b>C5 2.0 16V</b>	
	Man	Auto
Length	4756	
Width	1770	
Height	1516	
Wheelbase	2750	
Track front/rear	1544/1509	
Over hang front/rear	971/1035	
Turning circle (m)	11.39	
<b>Internal dimensions</b>		
Brake pedal to rear seat back	1720	
Headroom, front	907	
Headroom, rear	860	
Seat to floor, front	300	
Seat to floor, rear	321	
Elbow room, front	1538	
Elbow room, rear	1520	
Waist width, front	1459	
Waist width, rear	1425	
<b>Luggage compartment (l)</b>		



Seats up, to the parcel shelf	563
Seats up, to the roof	
Seats folded	1658
Height to roof (mm)	922
Height to parcel shelf (mm)	487
Minimum width (mm)	1126
Maximum width (mm)	1306
Length, seats up (mm)	1088
Length, seats down (mm)	1780

Capacities	C5 2.0 16V	
	Man	Auto
Fuel tank (l)	66	
Engine sump and filter	4.25	
Coolant	8.8	9.3
Gearbox and differential	1.8	6.5
Suspension/Power steering	4.8	

Weights	C5 2.0 16V	
	Man	Auto
Bare Body shell	293	
Bodyshell with doors and panels	463	
Kerb weight (kg)		
Distribution front/rear	817-550	822-552
Fully laden weight (GVW)		
Max payload	600	600
Gross Train Weight (GTW)	3467	3474
Max axle weight, front/rear		
Max towable weight (kg)		
Braked	720	720
Unbraked	1500	1500

Performance	C5 2.0 16V	
	Man	Auto
Top speed (kmh)	203	194
0 – 100 kmh (secs)	11	13.2
0 – 400 m (secs)	17.8	19.1
0 – 1000 m (secs)	32.4	34.3

Fuel Consumption and emissions (l/100 km)	C5 2.0 16V	
	Man	Auto
Australian AS figures		
EC Directive 93/116	9.0	9.5
Urban cycle	11.9	12.7
Extra urban	6.4	6.4
Combined cycle	8.4	8.7
Co <sup>2</sup> emissions (g/km)	200	208



## The Citroën C5 Estate - Features and Equipment

4 Standard 0 Factory fit optional extra D Dealer fitted option NA Not available

C5 2.0 16V

Exterior	
Alloy wheels, cast alloy	0
Central Locking, remote with close feature for windows and sunroof, when fitted	4
Colour matched bumpers and door handles	4
Door mirrors, heated, electrically operated	4
Sunroof, electric	0
Wheels, stamped alloy with wheel trim	4
Windows, auto closing in the event of rain and rain sensor activated	4
Windows, front electric, one touch, anti pinch	4
Windows, powered after ignition switch of on a timer	4
Windscreen wipers, auto slow when car stationary	4
Interior	
Air conditioning with climate control and separate left/right settings, sun sensor and anti odour pollen filter	4
Armrest, rear with ski flap and cup holder	4
Armrests, front, foldaway	4
Audio system with CD, FM, AM and steering column mounted controls	4
Audio system with variable volume with road speed	4
Boot net	4
Boot tie down points	4
Cup holders, front	2
Dashboard trim, wood	0 with leather pack
Deadlocks	4
Door sills, chrome trimmed	NA
Drawers under the front seat	4
Glove box, driver's side	4
Glove box, illuminated	4
Glove box, lockable	4
Headrests, front, height and rake adjustable	4
Headrests, rear, two position	4
Interior lights, front map reading	4
Lights, rear foot well and door sills	0 with leather pack
Multifunction screen with trip computer, radio information, date, time, exterior temperature, door opening, warning messages	4
Power socket, 12 volt	4
Rear seat, split folding 60/40	4
Seat, Driver's height adjustable	4



Seat, front passenger, height adjustable	4
Steering wheel, height and rake adjustable	4
Sun visor, two sections, driver and front passenger	4
Upholstery, Leather with electric seats, additional interior lights, leather trimmed steering wheel and gear knob	0
Upholstery, Cloth	4
Vanity mirror, driver and front passenger	4
<b>Safety/Mechanical</b>	
ABS anti-lock brakes with EBD	4
Airbag, driver	4
Airbag, passenger	4
Airbag, rear curtain	4
Airbag, side front	4
Boot lock automatically engages when driving	4
Door impact absorbing material	4
Fog lights, front	4
Fog lights, rear	4
Hydractive 3 suspension with comfort and sport settings	4
Immobiliser, rolling code with transponder	4
Lights, automatic activation at dusk	4
Seatbelts, front and rear, force limiters	4
Seatbelts, front, height adjustable	4
Seatbelts, front, pyrotechnic pretensioners	4
Speed warning device	4
Steering, engine speed sensitive assistance	4
Windscreen wipers, rain sensing automatic	4