



CITROËN LAUNCHES FIVE CARS IN ONE: THE C3 PLURIEL

Citroën has brought new meaning the phrase 'convertible car' with the launch of the Citroën C3 Pluriel today (20 September 2004) with a single car that can convert in seconds from a versatile hatch back, to a hatch with a massive open roof, to cabriolet, then a spider and, finally a Ute with a drop down tail gate.

All of this versatility does not come at the expense of good looks, as would be expected of a company that has already won world's most beautiful car crowns for the Citroën C3 and C2 models.

Not only does the C3 Pluriel have exceptional good looks, because it has been designed specifically to be a convertible car, rather an existing design, with a removable roof, the C3 Pluriel looks good, roof up, down or anything in between.

This intelligent design extends to the versatility of the C3 Pluriel and its every day usability. Not only is it the only car in its class to have the ease of use of a hatchback, when the roof is folded away it has no impact on the main boot size at all.

Add the fact that it is the only car in its class, thanks to the rear hatch and drop down tail gate, that can, for example, carry a chest of drawers and it is clear that Citroën's designers have excelled themselves with the Citroën C3 Pluriel.



CITROËN

The Citroën C3 Pluriel offers five basic configurations:

- **The Citroën C3 Pluriel hatchback:** Roof fully closed, the C3 Pluriel is as flexible and versatile as any other small hatchback. Indeed, more so, because the C3 Pluriel has a split rear hatch, allowing access in the tightest of spaces.
- **The Citroën C3 Pluriel Panoramique:** No other car offers a sun roof this big. From the header rail of the windscreen all the way back to the rear window and the full width of the roof, this brings new meaning to the phrase sun roof. All at the touch of a dial with eight pre-set positions.
- **The Citroën C3 Pluriel Cabriolet:** Fold the roof and rear window away under the boot floor, drop the side windows and its quick and simple open air motoring.
- **The Citroën C3 Pluriel Spider:** The full open top experience for four in comfort.
- **The Citroën C3 Pluriel Ute:** Open top cars don't come more flexible than this. Drop the rear seats and roof up or down, the Citroën C3 Pluriel, thanks to its drop down tail gate, rear hatch and ingenious roof it seems that the Pluriel can almost match the Citroën Berlingo van for load carrying ability!

As if this was not enough, the Citroën C3 Pluriel is also very well equipped. Electric windows front and rear, remote central locking, AirCon, electric mirrors, CD audio system, power steering and sports cloth upholstery are all standard.

"Unique is word that is much abused in the car industry," says Miles Williams, General Manager of Citroën in Australia. "But it really does apply to the Citroën C3 Pluriel. It is unique because Citroën's talented engineers and designers have produced a car offers all the visceral pleasures of open top motoring, but which still has all the flexibility and ease of use of a hatchback."

"The C3 Pluriel is unique because the whole car was designed to be convertible from day one, it is not a standard car with roof cut off and, therefore with all the compromises on space and styling that this entails. It is, in other words, another fine example of the Citroën approach to design and engineering, which thinks outside the square to produce automotive solutions without compromise."

The Citroën C3 Pluriel is powered by the new generation 1.6i 16V engine developing 83 kW at 5,750 rpm with maximum torque of 147 Nm at 4,000 rpm. This engine combines powerful performance with good fuel consumption and emissions, and a level of driving pleasure rarely seen on this segment. Equipped with the SensoDrive gearbox as standard, this high-performance engine is designed to respond to all types of driver requirements. Top speed is 185 kmh, the Pluriel will cover the 0-100 kmh dash in 11.6 seconds and consume as little as 5.5 litres/100 km in the European average fuel consumption test.

For smooth manoeuvring in the city and reassuringly precise steering on the open road, the C3 Pluriel features an electric power steering system in which the power assistance varies as a function of vehicle speed. This system has the dual benefits of using less fuel and being able to offer a wider range of assistance from finger light at parking speed to low level assistance as driving speeds.

The C3 Pluriel is fitted with the digital multiplex electrics from the Citroën C5, with a new generation 32-bit computer. Digital multiplex electrics offer a range of comfort and safety features including:

- Hazard warning lights that come on automatically in the event of emergency braking.
- Intermittent flashing of the roof light if a door is opened while the car is moving.
- A programmable excess speed warning.
- Automatic operation of the windscreen wiper and headlamps.
- Radio volume indexed to vehicle speed.

This technology is also used to manage the retractable roof system, air conditioning controls adapted to roof configurations, sliding function disabled when the rear window is open, and rear window defrost disabled in cabriolet and roadster configurations.

The Citroën C3 Pluriel offers benchmark safety performance in its class. The technical challenge lay in making up for the absence of an upper structure. The body of the C3 Pluriel has therefore been reinforced in order to obtain levels of stiffness and impact behaviour comparable to those of a closed car.

The C3 Pluriel can claim to be the safest car in its segment as well as the safest of all the convertibles in any segment tested by EuroNCAP. As demonstrated by the C3 Pluriel's 4-star results in impact tests.

The C3 Pluriel boasts excellent dynamic qualities by reason of its running gear and active safety features. As on the C3, the front suspension is a MacPherson set-up, with coil springs and hydraulic shock absorbers. It is fitted with an anti-roll bar as standard for improved body control. The rear suspension, which is specific to the C3 Pluriel, features a flexible transverse beam, compact shock absorbers and a large-diameter anti-roll bar. It has been designed to strike the best possible balance between active safety and comfort.

The reliable and responsive road manners of the C3 Pluriel can also be explained by:

- The long wheel base, identical to that of the C3, for enhanced stability
- The 185/65/R15 tyres with wide tracks.
- The stiffened body shell with a host of optimised reinforcements, designed to make up for the difference in weight between the C3 and the C3 Pluriel (+ 130 kg).

Active safety on the C3 Pluriel is further enhanced by a wide range of equipment.

- ABS with electronic brakeforce distribution.

- Electronic Brake Assist (EBA).
- Emergency braking assistance and automatic illumination of hazard warning lights.

In order to limit structural deformation and dissipate energy in the event of impact, the structure of the C3 Pluriel has been reinforced through the extensive use of special high strength or very-high-strength steel.

The main reinforcements on the C3 Pluriel concern:

- The side members, which are fitted with thick lining parts, the side members at the bottom of the doors are now 150 mm wide.
- The cross-members with large cross-sections, which are used to box the subframe in several places.
- A host of special steel reinforcements on the opening panels.

To ensure a complete, dependable whole, the C3 Pluriel offers a range of top-quality protection equipment as standard:

- A driver airbag and passenger airbag.
- Head/chest side airbags at front.
- Pyrotechnic pretensioners combined with force limiters at front.

The C3 Pluriel meets the criteria of the German TÜV standard, the top reference in testing vehicle resistance on rollover.

The Spider roadster configuration, in particular, demanded additional protection. To this end, large-diameter tubes made of thick, reinforced steel, have been placed:

- Inside the windscreen pillars.
- In the frames of the backrests and headrests at the rear: the built-in reinforcement tube, which measures 40 mm in diameter, creates a virtually crushproof supporting area at the rear.

The side arches further extend this protection in the cabriolet and saloon configurations, with a built-in aluminium reinforcement tube, 4 mm thick and 55 mm in diameter, running along their entire length. As a result, the arches and their anchor points on the vehicle structure are able to withstand several tonnes of lateral and crushing force in the event of rollover.

“The final, remarkable, feature of the Citroën C3 Pluriel is its price,” says Miles Williams. Despite all of these features, all of the standard equipment, the advanced design and technology that is in the Citroën C3 Pluriel, it is available from today for a recommended retail price of just \$31,490. Now that really is technology, style and performance without compromise!”

THE MANY FACES OF THE CITROËN C3 PLURIEL

C3 Pluriel Hatchback

- A family look with individual styling
- Shared comfort
- Onboard well-being multiplied by four
- The acoustic and thermal comfort of a saloon
- A clear view at all times
- A passenger compartment designed to simplify life on board
- A generously sized, modular boot for day-to-day use
- A "high-tech" multilayer soft top
- Well designed fittings
- Easy-care materials adapted to requirements

C3 Pluriel Panoramic

- Acoustic comfort maintained
- A sophisticated roof tension system

C3 Pluriel Cabriolet

- A new personality
- An interior design scheme that is both original and attractive
- Visible protection
- A cleverly designed boot

C3 Pluriel Spider

- A body style of pure lines
- Easy-to-handle arches
- A protective structure
- Open-air driving comfort
- Open-air accessories

C3 Pluriel Spider Ute

- Functional design for all configurations
- A flat, resistant surface
- An adapted rear seat

C3 PLURIEL: FROM THE CONCEPT TO THE PRODUCT

- The development of a concept
- Villaverde, assembly site for the C3 Pluriel
- Production
- Stamping/body assembly
- Paintwork/Body colours
- Final assembly

The Citroën C3 Pluriel Hatchback

The C3 Pluriel has the specific design features of a convertible, but it is very much a car for everyday use, with a capacious boot, generous space at front and rear, and high standards of acoustic and thermal insulation.

Inside the C3 Pluriel, occupants will recognise the interior space and roomy front area of the C3 saloon. Maximum use is made of the car's unusual height (headroom of 885 mm at the front). The raised seats (325 mm at the front and 355 mm at the rear) offer a clear view of the road, giving the occupants an impression of height and increased security.

In addition to the two front seats, whose roominess places them among the front-runners in the segment (elbow room of 1,422 mm); the C3 Pluriel has two full-size seats at the rear, with room for two adults to enjoy the journey. At the rear, leg room is similar to that of a three-door saloon, while head room (888 mm) and elbow room (1,330 mm) are considerably more generous.

The amount of space at the rear, which is greater than on most cabriolets in the compact saloon segment, can be attributed to the exclusive retractable soft top. Also, the backs of the front seats are hollowed out to create more space for passengers in the rear.

The acoustic and thermal comfort of a saloon

On urban roads and motorways, the silent running of the C3 Pluriel in the closed configuration will be much appreciated by the occupants. The multilayer soft top has been designed to satisfy motorists who are used to conventional saloons.

In a closed configuration, the C3 Pluriel also aims to provide the same features as a saloon in terms of temperature control. Moreover, the air conditioning remains useful even in a cabriolet or roadster configuration, since it cools the temperature in the car, while leaving the occupants free to enjoy the sunshine.

The reliable and efficient air conditioning is an Automatic air conditioning system that comes with a cooled lower glovebox, a heat-reflecting windscreen and an activated carbon (antiodour) filter. Available as standard, the pollen filter is a high-performance unit that continuously filters out pollen, germs, dust and even certain molecules of pollutant gas.

A clear view at all times

One of the strong points of the C3 Pluriel is the panoramic view of the exterior available to all the occupants, even in a closed saloon configuration.

The vast windscreen offers a clear view of the road ahead. Enhancing the impression of onboard space and light, it provides excellent visibility. The four side windows, which are generously sized with no central pillar, give passengers a clear view to the side, even from the rear seats. They are electrically controlled and retract fully into the bodywork. The rear

window controls are placed at the back of the central console, where they are easily accessible to occupants at both front and rear. For greater safety, a button on the dashboard disables the rear electric window-lifts. The open headrests at front and rear contribute to the clear view and friendly design.

A passenger compartment designed to simplify life on board

The ergonomic driver's position expresses the pleasure of travelling onboard the C3 Pluriel:

- The steering wheel is adjustable for height and reach;
- The height-adjustable driver's seat is standard;
- The front seats slide back to accommodate even the tallest people;
- The foot rest provides strong support;
- The raised seating and large glazed areas offer an excellent view of the road.

Also worth mentioning is the convenient layout of the controls, two examples being the audio system controls on the right-hand stalk switch, and the paddle switches behind the wheel for the SensoDrive gearbox.

The many vast and practical stowage compartments will also be greatly appreciated. In addition to the compartments shared with the C3, on the dashboard in particular, the C3 Pluriel features two stowage bins built into the doors and designed to hold a 1.5l bottle, as well as two mesh map pockets fitted to the backrests of the front seats.

A generously sized, modular boot for day-to-day use

In a saloon configuration, the boot of the C3 Pluriel has a capacity of around 266 litres, making it one of the biggest in its category.

Practical and ingenious, the boot can be accessed in two different ways:

- By opening the rear window (the parcel shelf retracts automatically) for quick access to the contents of the boot, even if the car is parked against a wall or close to another vehicle;
- By opening the window and then the tailgate to create a wide opening (93 cm) for access to the entire boot.

The temporary spare wheel is housed under the boot lining.

A "high-tech" multilayer soft top

The soft top is made up of multiple layers for insulation and strength. It is reinforced by a number of metal cross-members, which tighten and stiffen the whole. In addition to its acoustic and thermal insulation properties, the roof is also watertight in all circumstances, even when the car goes through a car wash.

With its stiff structure and arches, precisely fitted parts, efficient roof guidance mechanism and double insulation side seals, the C3 Pluriel keeps out both noise and water.

Well designed fittings

Looking at the car from the outside, in a saloon configuration, the soft top offers a flawless fit with the vehicle structure. It creates a line of perfect continuity with the upper structure of the vehicle, in terms of both shape and colour. Inside the car, the colour of the roof matches the trim of the windscreen pillars and arches.

The exterior of the soft-top roof is made of PVC of excellent quality, welded to a reinforced textile frame. Although it looks like a “conventional” textile roof, it features a number of improvements:

- Proven durability and colour resistance over time,
- No slow impregnation of damp (welds not seams),
- Easy to clean with a brush or sponge.

A family look and unique styling

The strong, fluid lines and generous volumes of the C3 Pluriel create a harmonious whole. The styling subtly indicates membership of the C3 family, while the specific bodywork gives the car its own personality.

- The styling generates a bright, cheerful image.
- The brand showcases its name through the large chevrons on the rounded bonnet and the chrome-plated lettering stretching along the entire width of the rear window.
- The characteristic shape of the headlamps, positioned high up on the wings, give the C3 Pluriel an animated look.
- The aluminium rear-light cluster – identifiable at a glance – adds relief and character.
- The indicators, which take an original “drop of light” shape, underline the unusual character of this car and the attention given to each detail.
- The elegant curve of the arches highlights the glazed surface area and the absence of a central pillar. This layout creates a perception of interior space and visibility, including at the rear.

The side arches are either light grey (Aluminium) or dark grey (Fulminator) depending on the body colour. This two-tone colour scheme of the body and arches accentuates the unusual volumes of the C3 Pluriel and highlights its potential as a convertible.

The size of the C3 Pluriel also attracts attention, particularly its height of 1.56 m (three centimetres more than the C3). Measuring 3.93 m in length and 1.70 m in width, it is placed squarely at the top end of its category.

The Citroën C3 Pluriel Panoramic

There are sun roofs and then there is the sun roof fitted to the Citroën C3 Pluriel.

A rotary control next to the interior roof light may be used to slide the roof back quickly and easily at any time. The top opens in eight positions, ranging from a slim 20 cm chink of sky to a generous one square metre of blue sky, uncovering the entire roof area. For the seven intermediate opening positions, the mechanism is sequential and by briefly pressing the knob fully opens or fully closes the roof.

With the roof fully open from the windscreen header rail back to the rear window and for the full width of the interior, every one in the C3 Pluriel can enjoy the open roof sensation.

At the top of the windscreen header rail is a moveable aero-acoustic deflector that controls the air flow and eddies and ensure that there is no booming from the air passing over the car, the effect created in all open cars when the side windows are closed.

A sophisticated roof tension system

The lengthways tension of the roof is managed in several innovative ways, including:

- Two aluminium plates under the soft front and rear of the roof ensure a precise fit as the roof slides from open to closed.
- Seven metal cross members inserted into each fold of the material in order to give the roof its rounded shape and to provide protection from theft.
- A pawl lock system keeps the material taut fold after fold.

The Citroën C3 Pluriel Cabriolet

With its open yet protective styling, the cabriolet version of the C3 Pluriel is unique on the automotive market.

A new personality

This configuration highlights the elegant arches and the absence of a central pillar, clearly identifying the personality of the C3 Pluriel. The open interior conveys an immediate impression of freedom: the arches running the length of the body do not disrupt the field of vision at either front or rear.

An interior design scheme that is both original and attractive

Inspired by the concepts of leisure and open-air pursuits, the interior styling creates strong visual links between the vehicle interior and exterior, with the friendly, fluid lines of the passenger compartment flowing from front to rear.

The interior features the same colour as the bodywork: colour insets with fluid lines adorn the trim panels and even the backs of the front seats.

Linking the front and the rear of the passenger compartment, an arm rest and grab handles runs along the inner panels of the doors, bringing to mind the world of water sports. The dashboard, shared with the C3 saloon, features aluminium-coloured air vents and a steering wheel hoop of exclusive design.

Visible protection

The presence of the side arches, together with the high windscreen pillar and waist line, endow the C3 Pluriel with a level of protection rarely seen on cabriolets.

The body arches feature a built-in aluminium reinforcement tube, 55 mm in diameter and 4 mm thick, thus providing effective protection for all four occupants in the event of rollover in either a saloon or cabriolet configuration. The sizing of the arches and their anchoring with the structure have already been validated through TÜV tests.

A cleverly designed boot

In this configuration, the roof cartridge is stored in the lower part of the boot. A removable floor separates the two parts of the boot so that the upper part (around 137 litres) can be used easily. With its internal honeycomb structure, the boot floor is both easy to handle and highly resistant (100 kg load).

The split/fold back rests make it easy to extend the volume of the rear compartment. This compartment can also be closed using a removable boot lid, delivered as standard. The lid

can be placed in the bottom of the boot when the top is up. This is designed to protect the contents of the boot from prying eyes.

How it works

The soft top folds down onto the rear window to create a "roof cartridge". It then retracts fully into the bottom of the rear compartment. This simple manual operation takes just a few seconds.

The driver simply retracts the electrically controlled soft top, opens the rear window and tailgate, unlocks the module made up of the folded soft top, rear window and parcel shelf (referred to collectively as the roof cartridge), and slides it into the stowage compartment at the back of the boot.

This manoeuvre is facilitated by the presence of balancing cylinders, which accompany the rotary movement of the cartridge.

Installing the removable boot floor protects the roof cartridge. The boot can then be safely used.

The Citroën C3 Pluriel Spider

Taking modular design one step further, the C3 Pluriel also features removable side arches that transforms the car into a sleek roadster: The Spider.

A body style of pure lines

This function, the last in the modular adaptations of the bodywork, reveals the C3 Pluriel in yet another new and unexpected guise. The design of the C3 Pluriel Spider highlights the purity of its styling lines and adds a cheerful, lively facet to its personality. It is an invitation for four people to experience open-air driving sensations.

Easy-to-handle arches

Made of aluminium alloy, the arches are stiff but light. Weighing around 11.5 kg, the side arches are easy to handle while maintaining the stiffness and qualities of resistance necessary for the sliding the roof to and fro, and protecting the occupants in the event of rollover.

Two cover plates hide the anchoring points when the arches are removed.

A protective structure

The structure of the C3 Pluriel has been reinforced in several areas:

- The windscreen pillars are fitted with large diameter tubes made of high-strength steel
- The backrests and headrests of the rear seat feature a built in reinforcement tube of 40 mm in diameter, which creates a virtually uncrushable supporting area at the rear.

Open-air driving comfort

The high windscreen and the fixed window in front of the door window create a protective bubble that protects the occupants from buffeting air currents when driving with the roof down.

Open-air accessories

A range of complementary accessories are available from the Citroën network so that users can enjoy the open-air configuration to the full: protective covers for storing the side arches and a tonneau cover to protect the car without the arches if it is parked outside in the rain.

How it works

Even if this operation is performed only occasionally, it takes one person less than a minute to turn the C3 Pluriel into a 4-seater roadster. The user simply unlocks the arches at front and rear in order to disconnect them from the structure.

This feature is a true world first. To make it possible, Citroën developed new technical solutions to meet this challenge in design.

At the front, the arch is anchored in the windscreen pillar. It is locked by a toggle mechanism that fastens onto a steel hook integral with the upper structure of the vehicle.

The rear locking system comprises a hinged hook that locks onto a forged ring integral with the structure of the arch. A telescopic handle located on either side of the boot unlocks the arch anchoring mechanism at the rear.

These mechanisms combine great strength with simplicity of use.

The Citroën C3 Pluriel Ute

The C3 Pluriel Spider offers a level of practical convenience never seen before on a convertible.

The rear compartment of the C3 Pluriel boasts exceptional loading capacity.

The backrests can be folded down independently thanks to their built-in seat belts. This frees up a flat surface running from the tailgate to the backs of the front seats (1,180 mm in length).

In this way, the C3 Pluriel Spider turns instantly into a "Spider Ute".

The tailgate opens downwards, thus providing broad access. This creates a wide space for placing heavy objects (up to 100 kg) and sliding them forwards on the flat floor.

Functional design for all configurations

A first on the market, even on the saloon segment, this function was designed for the many everyday situations in which we all wish we had a car whose rear compartment was bigger, more open or simply more accessible.

The "pick-up" function – available in any vehicle configuration – is well adapted to open configurations because the rear compartment has an open structure and so does not limit loading height.

A flat, resistant surface

The loading surface of the rear compartment is made up of folded backrests, the removable boot floor and the open tailgate. All these parts have been designed to:

- Maintain overall continuity.
- Resist loads of 100 kg.

This flat, resistant surface makes it easy to load heavy or cumbersome objects. Moreover, four metal rings in the side of the rear compartment can be used to anchor objects above the boot floor.

A well adapted rear seat

Extremely resistant owing to the reinforcements provided for rollover protection, the two backrests of the rear seat can be easily folded in a single movement, thanks to their built-in unlocking mechanism. The seat-integrated belts also contribute to easy handling.

C3 Pluriel: From the concept to product

The development of a concept

At the 1999 Frankfurt Motor Show, Citroën unveiled the Pluriel demonstration vehicle, an original car with a host of configurations. The objective for Citroën was to make the transition from concept car to production vehicle without losing the initial character of the car and without making concessions to the needs of mass production. To do this, the brand had to design the technical solutions that would make it possible to offer several different configurations on the same vehicle.

The development of the C3 involved almost 150 people, mainly in design and process engineering.

A total of €202 million has been invested in the programme, of which:

- €85.4 million in capital expenditure,
- €116.6 million in design and development, prototypes and market launch.

The platform 1 organisation, set up by the PSA Peugeot Citroën Group and inaugurated by the C3, also contributed to the C3 Pluriel project. Although the two vehicles are clearly differentiated, they share almost 60 per cent of their parts.

Villaverde, assembly site for the C3 Pluriel

Located near Madrid, Spain, close to main road and rail communication routes, the Villaverde plant produces three models for Citroën: the Xsara, the C3 and the C3 Pluriel.

The site has an area of 74.5 hectares and total production capacity of 38.7 vehicles/hour with three shifts (3,360 people producing the three models). In 2002, 123,382 vehicles were produced at Villaverde, of which more than 60% were for export markets. The total installed production capacity of the C3 Pluriel at Villaverde is 320 vehicles/day. This means that the site could produce 75,000 vehicles over a full year. Two new bases have been set up for the assembly of the C3 Pluriel:

- A 2,000 m² pilot workshop to produce prototypes and pre-series vehicles. By faithfully reproducing the assembly conditions of production vehicles, this workshop made it possible to study the solutions necessary for manufacture.
- A quality control area of 2,500 m² at the end of the assembly line in order to conduct – on each vehicle – a series of functional checks on all the parts linked to the specific design of the C3 Pluriel concept.

Production

Stamping/body assembly

The specific characteristics of the C3 Pluriel and the absence of a fixed upper structure posed a technical challenge for Citroën. In response, the brand put in place special reinforcements: side members with thick lining parts, cross-members with large cross-sections to box the subframe in several places, and a host of special steel reinforcements on the opening panels.

For rollover protection, the C3 Pluriel is fitted with thick, large-diameter tubes placed inside the windscreen pillars and inside the seat frames and back rests at the rear.

In response to these specific characteristics, Citroën put in place a new, specific body assembly/final assembly process, with the creation of a parallel line for fitting all the subframe reinforcements.

Body colours: seven, metallic and pearlescent shades

The C3 Pluriel is incorporated with existing paint shop flows. The colours Aérien Orange and Blue Paname are specific to this vehicle.

Final assembly

Special final assembly procedures have been put in place with a view to enhancing quality:

- The windows of the doors are adjusted outside the vehicle. The doors are removed and taken to a preparation line for adjustment of the windows before being remounted on the car.
- Sealing is checked car by car. Each vehicle spends 2 min. 45 sec in a "tropical" shower. With 30 mm of rain per minute per 10 m², 825 litres of water are poured onto each C3 Pluriel and recycled for the following vehicle.
- Rigorous quality control is performed at the end of the line in order to check – on each
- vehicle – operation of all the parts specific to the C3 Pluriel concept: windows, sunroof, side arch mechanisms and locking.
- The operation and dynamic behaviour of each vehicle is checked on a test track with several sections simulating extreme conditions (cobblestones, hills, etc.).

Citroën C3 Pluriel: Technical Specification

		Citroën C3 Pluriel
		SensoDrive
Engine		TU5JP4
		Watercooled four cylinder engine installed transversely driving the front wheels
Bore/stroke		78.5/82
Capacity (cc)		1587
Compression ratio		11:1
Fuel injection		Multipoint Sequential
Power (kW/rpm)		83/5750
Torque (Nm/rpm)		147/4000
Gearbox		SensoDrive
Ratio/Speed in kmh per 1000 rpm	1 st	0.292/8.19
	2 nd	0.512/14.36
	3 rd	0.731/20.48
	4 th	1.057/26.55
	5 th	1.171/32.79
	reverse	0.279/7.81
Brakes		
Front, type		Ventilated Disk
Diameter/thickness (mm)		266/22
Rear, type		Disc
Diameter/thickness (mm)		247/9
Chassis		
Front suspension		MacPherson struts with coils springs and hydraulic shock absorbers. Subframe with two lower steel wishbones, anti roll bar.
Rear suspension		Flexible transverse beam, hydraulic shock absorbers, two cast iron arms. Passive rear steering effect
Anti roll bar diameter front/rear (mm)		20/ 25
Steering		Variable assistance electric power steering, rack and pinion.
Ratio/turns lock to lock		17.8:1/2.8
Wheels		6 x 15
Tyres		185/65 R15
Tyre circumference (mm)		1895
Weights (kg)		
Kerb weight		1177
Total when loaded		1543
Gross Train Weight		2143
Load		366

Roof rack max	50
Tow weight – braked	850
Tow weight – unbraked	600
Performance	
Top speed (kmh)	185
0 – 1000 m (sec)	32.9
0 – 400 m (sec)	17.9
0 – 100 kmh (sec)	11.6
Fuel consumption (l/100km)	
Urban	8.3
Extra-Urban	5.5
Combined	6.6
Carbon Dioxide emissions (g/km)	
Combined	157
Dimensions (mm)	
Length	3934
Width	1700
Height	1563
Overhang, front/rear	760/591
Wheelbase	2460
Track, front/rear	1435/1431
Turning circle kerbs/walls (m)	11.2/ ~
Elbow room front/rear	1422/1330
Headroom front/rear	885
Min boot height	560 Below Parcel Shelf
Min/max boot width	1020
Boot volume (litres) seats up/down	266/1253
Boot length (mm) seats up/down	660/1180

Equipment and Trim

S = Standard; O = Optional; D = Dealer fit option; NA = Not available

Safety and security	Citroën C3 Pluriel
ABS brakes and electronic brake force distribution and EBA	S
Airbag, Driver and Passenger	S
Airbag, Side	S
Audible warnings for lights on and key in the ignition	S
Automatic fuel cut-off	S
Boot lock, automatic activation over 10 kmh	S
Central locking, remote electric	S
Coded engine immobiliser with transponder	S
Fog lights, front	S
Fog lights, rear	S
Harzard lights with auto activation	S

Height adjustable headlights	S
Lights, automatic	S
Pollen Filter	S
Pyrotechnic pretensioners and seat belt grabbers	S
Side impact protection panels	S
Wipers, auto rain-sensing	S

External/Mechanical	Citroën C3 Pluriel
AirCon, Type	Climate Control
Alloy wheels, 15 inch.	S
Audio system, CD with six speakers	S
Bumper extensions, front, colour matched	S
Bumpers, side strips, colour matched	S
Central locking, remote	S
Cigarette lighter	S
Dipping rear view mirror	S
Door inserts, cloth	S
Door mirror, twin electric.	S
Driver's and front passenger seat, height adjustable	S
Driver's foot rest	S
Electric windows, front with anti-pinch and one touch	S
Exterior temperature gauge	S
Gear knob, door handles, translucent	S
Glove boxes, two, lower lockable	S
Headrests, front, height adjustable	S
Heated rear window	S
Interior lights, self dimming	S

Internal	Citroën C3 Pluriel
Audio system, CD, AM-FM radio, remote controls	S
Maintenance indicator	S
Oil level indicator	S
Pollen filter	S
Power socket, 12 volt	S
Power steering, electric speed variable	S
Rear seat, two sliding, folding seats with head rests	S
Steering wheel, height and reach adjustable	S
Storage pockets, door, 4	S
Storage pockets, rear, 2	S
Tail gate handle	S
Tailgate, split opening with storage are in lower section	S
Upholstery type	Sports upholstery in contrasting colours
Vanity mirror	S
Windows, Tinted	S
Windscreen wipers, auto rain sensor	S

Instruments	Citroën C3 Pluriel
Adjustable illumination for instruments	S
Adjustable night illumination for switches	S
Battery charge light	S
Centralized warning system and audible alarm	S

Digital water temp.	S
Doors open warning light	S
Engine self test warning light	S
Fuel gauge with minimum warning light	S
Headlight indicator	S
LCD clock and date display	S
Maintenance indicator	S
Oil warning light, level	S
Oil warning light, pressure	S
Rear/Rear fog light indicator	S
Rev counter	S
Trip computer	S
Twin readout trip meter	S
Water temperature light	S