

505

PEUGEOT



505

The Peugeot 505. Not just one car but a range of six superbly appointed executive saloons. A range to give you 'large car comfort' with the opportunity to select the size of engine and trim appointments best suited to your requirements.

Your engine choice could be petrol (carburettor or fuel injection) or diesel. Would you prefer an automatic to a manual, if so it is available on SR and STI models.



505 GR

5 seater. 4-cylinder 1971cc petrol engine. Twin choke carburettor 96 DIN bhp at 5,200 rpm. 4-speed gearbox. Power assisted rack and pinion steering. Independent 4-wheel suspension. Disc brakes in front. Power assisted dual circuit braking. Push button radio.

505 GRD

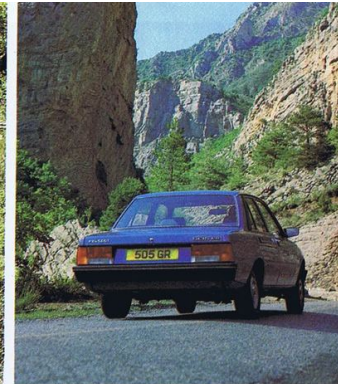
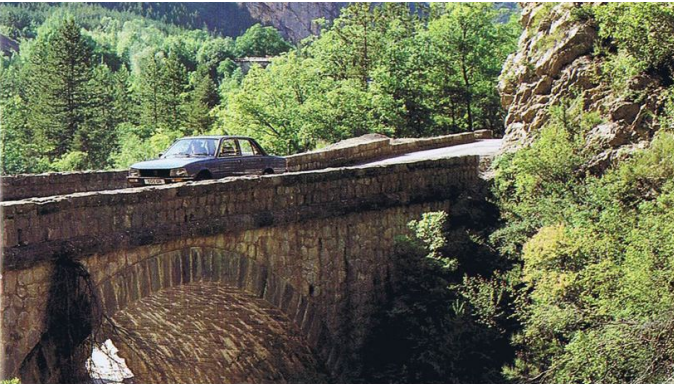
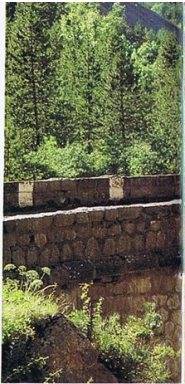
5 seater. 2498cc Diesel engine. 76 DIN bhp at 4,500 rpm. 5-speed gearbox. Adjustable head restraints on front seats. Retractable central armrest at rear. Laminated windscreen. Push button radio.

505 SR

5 seater. 1971cc petrol engine. 96 DIN bhp at 5,200 rpm. 4-speed gearbox. Electrically controlled sunroof. Power assisted steering. Tweed upholstery. Electric front windows. Central door locking. Tinted windows and laminated windscreen. Radio/stereo cassette.

505 STI

5 seater. 1995cc BOSCH K-JETRONIC Injection engine. Developing 110 DIN bhp at 5,250 rpm. 5-speed gearbox. Electrically controlled sunroof. Power assisted steering. Tweed upholstery. Tinted windows. Electric front windows. Central door locking and laminated windscreen. Stereo radio/stereo cassette.



The GR trim line is available with a choice of two engines. The 1971cc petrol engine producing 96 DIN bhp at 5,200 rpm, or the new 2498cc diesel engine with a power output of 76 DIN bhp at 4,500 rpm. Both power packs produce the ideal combination of performance with economy.

Both models project the image and quality of the 505 range, in particular, all round independent suspension which absorbs the irregularities of the road and guarantees comfort and good road holding; the large halogen headlamps with fascia adjustment control and a massive boot with a capacity of 18.4 cu. ft.



GR - GRD



GR
GRD



505 GR and GRD models offer space and luxury; comfortable cloth seats for five with front seat head restraints; and comprehensive instrumentation with finger control on all important functions. A push button radio is standard. Instrumentation with read and controls are at your finger tips. A digital clock; sophisticated ventilation; a door mirror adjustable from the driver's seat; a digital pressure, brake fluid level and lights are all features designed to enhance the appeal of the GR and GRD models.





On the SR and STI models a large modern fascia panel clearly displays the instrumentation. The rev. counter is standard.

As an aid to even more economy the 1982 petrol-engined models are equipped with an econometer. The driver is informed as to how economically he is driving by a display of lights on the fascia. With this feature the skilful driver can exploit to the full the virtues of what is already one of the most economical cars in its class.

The windscreen wipers sweep a wide clear path on the large laminated windscreen. There are two speeds as well as intermittent and flick wipe actions and electric washers. The external driver's door mirror is adjustable from inside. Centrally mounted, the comprehensive heater controls enable you to achieve just the right temperature. Also included in the centre console are a cigar lighter and easy to use push button controls for hazard warning lights, rear fog lights and heated rear window. All are illuminated for easy location at night. The ignition key location is also illuminated, activated by opening the front door. A digital clock is mounted in the centre of the fascia.

SR - STI



505 SR

The 505 STI features a 1995cc all aluminium alloy engine with Bosch K-Jetronic fuel injection together with electronic ignition for accurate fuel metering and easy starting. The STI includes a 5-speed gearbox. The engine achieves 110 DIN bhp at 5,250 rpm yet nevertheless returns a creditable 38.2 mpg at a constant 56 mph.

There's bronze tinted glass all round and black bodyside mouldings. Automatic transmission is available as an option at extra cost on all petrol models.



SR-STI



Inside, the most noticeable feature is the beautiful tweed upholstery. Distinctive and smart, it is extremely hard wearing and, therefore, totally practical. The 'S' trim also includes an electrically controlled sliding steel sunroof and electric front windows as well as central locking on all four doors and fuel filler flap. The SR has a radio/stereo cassette and the STI a stereo radio/stereo cassette.



505 SR

With its centralised door locking, electrically controlled sunroof and front windows, tinted glass all round, laminated windscreen, lacquered metallic paint finish, stereo radio/stereo cassette player and the option of an automatic gearbox at extra cost, the STI must be the ultimate 505.

SR-STI





The 505 is available with the choice of three different engine options.

There's the 1971cc petrol unit with twin choke carburettor. With a cast iron cylinder block and aluminium cylinder head, this proven engine offers maximum power output of 96 DIN bhp at 5,200 rpm, while returning up to 40.4 mpg at a constant 56 mph.

The 1995cc engine is fitted with Bosch K-Jetronic fuel injection and electronic ignition. With an all aluminium construction and overhead camshaft, a top speed of around 109 mph (manual version) is attainable

with a power output of 110 DIN bhp at 5,250 rpm.

Diesel. The 2498cc diesel engine enhances Peugeot's experience with this type of power unit. The cast iron block and aluminium cylinder head offers you a robust and durable engine with an extremely economical fuel consumption of up to 47.9 mpg at a constant 56 mph.

Peugeot are one of the leaders in the diesel market in Britain offering the widest range of cars available. You can be certain of a truly professional service back up.

Option



Safety

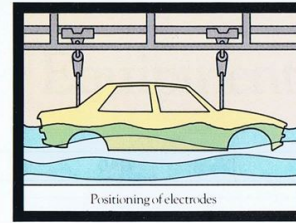
The 505 has been designed with special attention to safety. It incorporates numerous active and passive features which are derived directly from the Peugeot Safety Synthesis vehicle. The result is a car which is not only modern, stylish and built to an advanced level of engineering, but one which utilises the most up to date techniques to ensure that driver and passengers alike can enjoy maximum protection and safety.

The most important element is the passenger compartment, which must be strong enough to resist a major impact from any angle. This strength comes from the design of the structural components, their material strength and assembly.

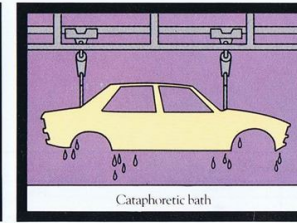
A rigid 'cage' has been constructed around the passenger compartment. All possible angles of impact have been considered. In the event of a head-on collision, for example, the reinforced doors are strong enough to retain their shape, despite the massive force that would be exerted upon them. The box sections in front and behind this safety cage (engine compartment and boot) form progressively collapsible zones which absorb impact before it reaches the passenger compartment.

Safety has been a prime consideration in the design of every part of the 505. The attention to detail is shown by features such as the fully padded steering wheel and fascia, the self-illuminating push-button controls and the recessed, anti-burst door locks. The deep windows and excellent all round visibility, together with the heated rear screen, help the driver to cope with the worst traffic and weather conditions.

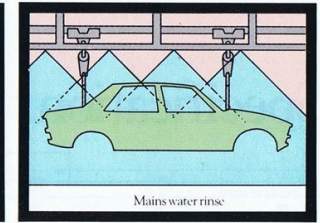
Other items of standard equipment, such as front disc brakes (front and rear on STI), servo power assistance and dual circuits, laminated windscreen, halogen headlamps and impact absorbing bumpers all play their role in helping to ensure that you arrive at your destination safely; time after time.



Positioning of electrodes



Cathophoretic bath



Mains water rinse

6 Years' Anti-corrosion Guarantee

All Peugeots have the benefit of a six years' anti-corrosion guarantee on all body or underbody panels and each unit is meticulously treated against permanent spread of corrosion by total immersion in a cathodic electrophoretic bath—a process which makes the bodyshell particularly resistant to corrosion.

But Peugeot's answer to corrosion is not confined solely to this technological innovation of anti-corrosive cathodic electrophoresis. Peugeot uses in addition all the well-established anti-corrosion coatings of proven resistance value, and these are applied before and after the electrophoretic bath.

To benefit from this guarantee involves only two checks of the car (taking about 2 hours depending on model, carried out at the expense of the customer at the end of the second and fourth years of service) at a Peugeot Dealer. The Peugeot 6 year anti-corrosion guarantee is transferable on change of ownership.

Peugeot thus gives further proof, were it needed, that you may regard the purchase of your Peugeot as a good investment.

1. Sheet Metal:

Certain body items which are difficult to protect and liable to corrosion are made of zinc-plated or galvanised steel.

2. Phosphating:

Improves adhesion of resin film in the electrophoretic bath.

3. Cathodic Electrophoretic Bath:

A film of epoxy resin is deposited on the whole of the body shell. Box sections are pierced to enable internal surfaces to be reached and protected.

4. Pressure injection of wax into box sections:

Protection of internal wall surfaces, preventing water from penetrating between panels.

5. PVC Anti-chipping compound:

Protection of those parts of the body which are subject to attack by loose stones.

6. Primer:

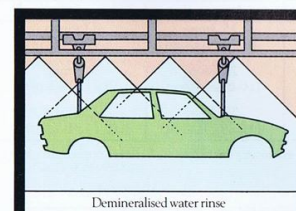
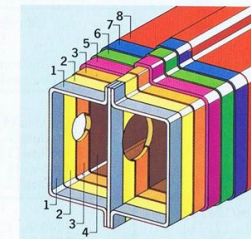
The undercoat includes oxydisation-inhibiting pigments (zinc chromates) which improve anti-corrosion protection. Anti-chipping qualities are also included.

7. NAD (Non-aqueous dispersion) Acrylic Lacquer:

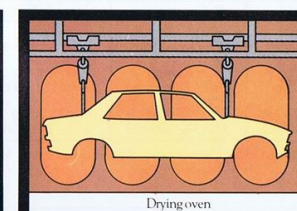
Thermosetting by baking at above 150°C. High covering power.

8. Clear Varnish (On metallic and black paint only):

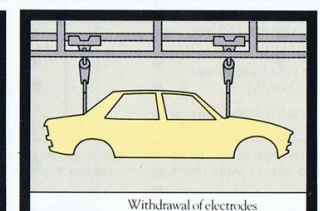
Increased brilliance and better protection of the pigmentation of the colour coat against corrosive elements in the atmosphere.



Demineralised water rinse



Drying oven



Withdrawal of electrodes

Specification

	GR-SR	STI	GRD		
Number of seats	Five				
ENGINE	Four cylinders in line. Over square. Removable wet cylinder liners (not on Diesel). Aluminium cylinder head on all models and aluminium block and overhead camshaft on the STI. Self-engaging cooling fan.				
Type	XNI inclined at 45°	ZEJ inclined at 12°	XD3 inclined at 20°		
Fuel Supply	Twin choke carburettor	Bosch K Jetronic fuel injection	Injection pump		
Bore × stroke	88 × 81	88 × 82	94 × 90		
Capacity	197cc	199cc	2498cc		
Compression Ratio	8.8:1	9.2:1	23:1		
Max. power DIN:	96 bhp at 5200 rpm	110 bhp at 5250 rpm	76 bhp at 4500 rpm		
Max. torque DIN:	118 ft. lbs. at 3000 rpm	126 ft. lbs. at 3500 rpm	111 ft. lbs. at 2000 rpm		
TRANSMISSION	Rear wheel drive with diaphragm type clutch and ball bearing thrust mechanism				
Gearbox	4-speed	5-speed	5-speed		
	Optional automatic ZF gearbox with hydrokinetic torque converter on SR and STI				
Rear Axle	Suspended hypoid differential				
STEERING	Rack and pinion. Power assisted on all models.				
Overall turning circle	37ft. 1in. (11.3m)				
BRAKES	GR, SR, GRD: Disc front and drum rear STI: All round disc brakes Mastervac servo-assistance. Dual braking circuit. Brake compensator. Hand brake operating on rear wheels.				
SUSPENSION	All round independent. Coil springs with double acting telescopic hydraulic shock absorbers and anti-roll bars front and rear.				
TYRES	175 SR14 Radials	175 HR14 Radials	175 SR14 Radials		
	Spare wheel located under boot floor.				
ELECTRICAL	12 volts				
Three phase alternator	500 watts	750 watts Transistorised ignition	500 watts		
DIMENSIONS	15ft 0ins (4.58m) 5ft 8ins (1.73m) 4ft 9ins (1.45m) 4ft 6ins (1.37m) 9ft 0ins (2.74m)				
WEIGHT	SR 2723 lbs/1235 kg GR 2667 lbs/1210 kg Laden 3880 lbs/1760kg Max. towing capacity 2866 lbs/1300 kg	2745 lbs/1245 kg 3880 lbs/1760 kg 2866 lbs/1300kg	2899 lbs/1315 kg 4079 lbs/1850 kg 2866 lbs/1300 kg		
CAPACITY	18.4 cu. ft. 12.3 gallons (56 litres)				
FUEL CONSUMPTION	Manual	Automatic	Manual (5-Speed)	Automatic	*Manual (5-speed)
At a constant 56 mph (90 km/h)	40.4mpg (7.0L/100km)	36.7mpg (7.7L/100km)	38.2mpg (7.4L/100km)	35.3mpg (8.0L/100km)	47.9mpg (5.9L/100km)
At a constant 75 mph (120 km/h)	31.0mpg (9.1L/100km)	27.1mpg (10.4L/100km)	30.4mpg (9.3L/100km)	26.6mpg (10.6L/100km)	34.4mpg (8.2L/100km)
Simulated urban driving	25.0mpg (11.3L/100km)	25.9mpg (10.9L/100km)	21.6mpg (13.1L/100km)	23.2mpg (12.2L/100km)	32.5mpg (8.7L/100km)

These figures are the results of approved tests as recorded by the Department of Energy in official fuel economy certificates. *Diesel consumption in accordance with French government test procedures.

Equipment

	GR	SR	STI	GRD
Carpet front and rear	●	●	●	●
Armrests front and rear	●	●	●	●
Reclining front seats	●	●	●	●
Heater control illumination	●	●	●	●
Four speed heater blower	●	●	●	●
Heated backlight	●	●	●	●
Lockable glove box	●	●	●	●
Cigar lighter	●	●	●	●
Electric screen wash	●	●	●	●
Two speed and intermittent screen wiper	●	●	●	●
Water temperature gauge	●	●	●	●
Central warning light system (oil, water, brakes, lights)	●	●	●	●
Digital clock	●	●	●	●
Trip mileage recorder	●	●	●	●
Boot light	●	●	●	●
Dipping mirror	●	●	●	●
Internally adjustable driver's mirror	●	●	●	●
Child proof rear door locks	●	●	●	●
Halogen headlamps	●	●	●	●
Interior headlight adjustment	●	●	●	●
Reversing lights	●	●	●	●
Rear fog lights	●	●	●	●
Passenger grab handles	●	●	●	●
Front inertia reel seat belts	●	●	●	●
Front seat head restraints	●	●	●	●
Retractable rear centre armrest	●	●	●	●
Illuminated ignition key hole	●	●	●	●
Glove box light	●	●	●	●
Laminated windscreen	●	●	●	●
Tinted glass and laminated windscreen	●	●	●	●
Econometer	●	●	●	●
5-Speed gearbox	●	●	●	●
Power assisted steering	●	●	●	●
Tweed seat trim	●	●	●	●
Front electric windows	●	●	●	●
Central door locking and fuel flap	●	●	●	●
Body side rubbing strip	●	●	●	●
Rev. counter	●	●	●	●
Cloth seat trim	●	●	●	●
Front door pockets	●	●	●	●
Map pockets (rear of front seats)	●	●	●	●
Electrically operated sunroof	●	●	●	●
Metallic paint finish	●	●	●	●
P.B. radio	●	●	●	●
Radio/Stereo cassette	●	●	●	●
Stereo radio/Stereo cassette	●	●	●	●

Peugeot 505



PEUGEOT
TAKE PRIDE IN PRECISION

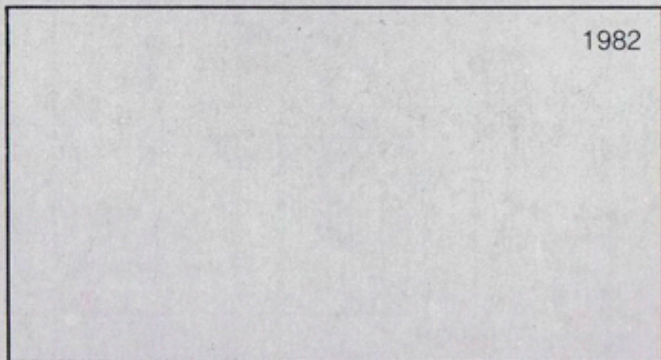
The basis for reliability is thorough research, planning and skill in design. Only the best quality materials and components are used, many of which have been designed specifically for Peugeot and are manufactured in Peugeot factories.

Continual pre- and post-production testing evaluates parts and prototype models for quality of manufacture, for design efficiency and as part of one of the most comprehensive programmes into vehicle and passenger safety.

Anti-corrosion treatment is equally thorough. New cathodic electrophoretic processes give an even greater level of protection, which is reinforced by bitumen wax injection treatments to doors and hollow sections, a PVC anti-chipping compound applied to wheel arches and along the sills, and the whole underbody covered in a thicker bitumen wax coating.

All this extra care means quality and reliability built into each and every Peugeot product.

Take a test drive at your local Peugeot Dealer:



Please Note:

Every endeavour has been made to ensure that the information contained in this brochure was accurate at the time of going to press. Peugeot Talbot however, reserve the right, while preserving the essential characteristics of the models described and illustrated in this brochure, to introduce at any time modifications, changes of detail, equipment or accessories as may be considered necessary. The brochure will be updated from time to time but in order to avoid any misunderstanding, any person interested in purchasing a vehicle should enquire of an authorised Peugeot dealer as to whether there have been any material alterations, since the date of the issue of this brochure. Sept 1981.

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