

This press pack accompanied the UK launch of the Lexus GS430 and revised GS300 in October 2000. Some changes were made to the model range during its time on sale, which can be tracked using the Timeline feature available on the Lexus GS430/GS300 archive web page. Additional assets and information relating to the GS430 range may be obtained from the Lexus press office if required.

NEW LEXUS GS430 / GS300 - THE APPEAL OF THE DRIVER'S CAR

Key Points

- Brand new GS430 to join updated GS300 available in the UK from October 2000
- New GS430 combines legendary Lexus refinement and muscular 4.3 litre, 32-valve engine
- V8 engine with Variable Valve Timing-intelligent (VVT-i) linked to a 5 speed gearbox
- SRS curtain shield airbags added as standard equipment
- E-Shift steering wheel automatic gear-change available as standard for GS300
- Electronic Throttle Control System-intelligent (ETCS-i) improves throttle response
- New design radiator grille gives more dynamic appearance on the road
- New design six-spoke alloy wheel
- Revisions to transmission, suspension and braking system
- Detail enhancements to exterior and interior
- Insurance groups for GS300:15E, GS430:17E
- Different coloured headlight extensions distinguish between GS300 and GS430
- GS300 priced at £28,450, GS300 SE at £30,950, GS430 SE at £36,995 including 3 years /60,000 miles warranty

LEXUS GS430 / GS300

THE APPEAL OF THE DRIVER'S CAR

The world debut of a number of new Lexus models at this year's Paris International Motor Show included a brand new GS430. The GS430 joins an updated GS300, one of the most advanced performance saloons of its time. The new models, available in the UK from October 2000, offer the discerning GS customer distinctive style combined with outstanding performance and refinement projecting a progressive and sophisticated image.

"The GS is a key model for Lexus. On one hand it has dramatic looks and a sporting appearance. On the other it has high levels of equipment and refinement associated with a luxury car," comments Ian Mathews, Product Manager, Lexus Europe. "The arrival of the GS430 adds yet more passion to the Lexus brand, a unique driving experience."

New and improved engines for GS range

The new GS range adopts an extension to the engine line-up to include a V8 for the GS430 as well as improvements to the existing six-cylinder engine on the GS300. Revisions focus on the exterior design, transmission, suspension and braking system.

Powering the GS300 is a three litre, straight six, 24-valve double overhead camshaft VVT-i engine enabling the GS300 to accelerate from 0-62mph in 8.2 seconds and reach a top speed of 143mph.

At the heart of the new GS430 is the same 4.3 litre 32-valve double overhead camshaft VVT-i featured in the LS430. The potential top speed is 155mph and 0-62mph acceleration time of just 6.3 seconds. The GS430 with its new V8 is now the fastest car in the segment but still boasts unrivalled smoothness. These potential top speeds and acceleration times are sufficient to humble many sports cars, but the big difference is in the refinement and performance of both GS models at all engine speeds.

Both engines use Lexus engine management systems, which are among the most sophisticated available, controlling fuel injection and ignition timing to within

thousandths of a second. Combined with VVT-i, they deliver remarkable efficiency, low exhaust emissions and low fuel consumption.

Complementing the classic front-engine rear-wheel drive configuration for maximum driving pleasure, the carefully tuned double wishbone suspension features anti-dive and anti-squat geometry to ensure the best balance of comfort and control, matched to sensitive rack and pinion power steering. Driving pleasure is further enhanced by the use of low-pressure gas-filled shock absorbers and a thicker, reshaped front stabiliser bar.

Much of Chief Engineer Mr Yasushi Nakagawa's design team efforts concentrated on ensuring the GS gave both a great driving experience and refinement in European Driving conditions involving higher sustained speeds, harder acceleration and later braking than driving in Japan or the USA.

EXTERIOR AND INTERIOR CHANGES

Lexus GS continues to boast one of the most efficient shapes of any performance saloon, which contributes to performance, fuel economy and high-speed stability. There are detailed enhancements to the already stylish, sporting exterior and luxurious elegant interior that shows the attention to detail that is typical of Lexus.

There is a new radiator grille and revisions to the exterior lights to give more dynamic presence on the road as well as different coloured headlight extensions to distinguish between the GS models. A new design six-spoke alloy wheel is also adopted.

The GS range remains a perfect blend of elegance and practicality, with high quality upholstery, walnut trim and innovative design features. The instrument cluster has undergone subtle refinement and along with the central display now features a metallic surround to reflect the car's sporty image.

Standard and optional equipment

Standard equipment includes cruise control, double locking and one touch electrical operation of the windows and sunroof, while the standard air climate control system provides dual zone temperature control as well as a pollution sensor to keep traffic fumes outside of the car and now additionally features a deodorising function.

SRS curtain shield airbags are now also fitted as standard equipment (further safety features are detailed in the following section).

State of the art Lexus Navigation System

The optional Lexus navigation system has also been refined and upgraded to DVD disc storage. The DVD system holds 13 times the amount of data than the previous CD based system, which means the entire European road system can be stored on a single DVD. The upgraded version also boasts split screen and state of the art touch screen technology.

Audio Equipment

The GS's audio system is purpose-designed for the car featuring a fully integrated fascia unit including seven-speaker stereo audio system with three wave-band radio, Dolby® cassette player and six-disc CD autochanger located in the glove box.

SAFETY

As with every Lexus model, safety is a top priority and the active safety measures designed to keep drivers out of dangerous situations are supported by dual front airbags, side airbags and front curtain shield airbags, as standard on both models.

Extensive use is made of the high-tensile steel in the body structure to reduce weight and further enhance efficiency. The body was also carefully designed to maximise the size of impact-absorbing crumple zones in the front and rear as well as incorporating substantial side impact protection bars in the doors.

There is a range of features that help ensure the safety of those on board:

Anti-lock braking System (ABS) with Brake Assist (BA)

Safe, sure, effective braking in every type of road and weather condition is ensured with a four-channel ABS system linked to the car's four disc-brakes and Brake Assist. Also, the brake booster has a built-in double master cylinder to improve the brake feel. This overcomes a known problem in emergencies when drivers do not apply sufficient force to the brake pedal. A key feature of Brake Assist is that the timing and degree of braking assistance designed to ensure the driver doesn't discern anything unusual about the braking operation.

Traction Control (TRC) and Vehicle Stability Control (VSC)

Chief Engineer, Yasushi Nakagawa explains the continued safety of the GS engines: "The response of the GS on the road has always been safe thanks to the standard

traction control that reduces tyre spin under acceleration and improves grip on slippery roads. Driver control is further enhanced by the innovative vehicle stability control system that monitors the vehicle's behaviour during cornering and corrects oversteer or understeer as it occurs by limiting engine output and lightly applying differential braking on slippery surfaces.”

Airbags and seatbelts

The new GS430 and GS300 are equipped with dual SRS front airbags and seat mounted airbags. As previously mentioned, SRS curtain shield airbags are now fitted as standard equipment. Housed in the roof side sections, they inflate at the same time as the side airbags to cover the front window areas. A sensor determines whether anyone is seated in the front passenger seat and prohibits the deployment of all airbags for that seat if not. The front seats are equipped with seatbelt pretensioners and force limiters.

GS430 IN THE UK MARKET

The GS430 will attract customers upgrading from GS300, as well as conquest customers from Mercedes E-Class, BMW 5-series and Jaguar XJ and S-Type. Typical GS owners are driving enthusiasts who have confidence in the enhanced driving dynamics of the 'Grand Saloon' and appreciate an attractive car that builds on the traditional Lexus rationality, build quality and refinement while adding excitement.

Predicted Sales

Lexus is the fastest growing luxury brand in the UK. Lexus sales for 2001 in the UK are estimated at over 11,000. The Lexus brand is expected to attract a wider audience through increased awareness with the introduction of the bigger-engined GS430 and new flagship LS430 and, a first for Lexus - the premium sports utility vehicle - the luxury RX300. Predicted sales for GS300 and GS430 for 2001 are estimated at 1,500.

Insurance Grouping and Security

The Association of British Insurers has awarded the GS derivatives with insurance groups 15E for GS300 and 17E for GS430.

In keeping with the high level of security on all Lexus vehicles a key embedded transponder engine immobiliser is fitted as standard to all GS models, as is a factory fitted Thatcham-approved category 1 perimeter and volumetric alarm system. The alarm also has its own back up battery siren.

A double locking system is standard fit on all grades with freewheeling locks. All alloy wheels have locking wheel nuts and the audio and navigation systems are unique fit items and will not work if separated from the vehicle. All grades display a visible VIN plate and all the windows are etched with a security code. Additionally, parts are covertly marked to aid police identification of the vehicle. The boot can also be 'deadlocked'.

PRICING AND SPECIFICATION COMPARISON

As with all Lexus models, the GS430 and GS300 level of standard equipment is unmatched by its rivals, many of whom charge large premiums for optional equipment. The following tables look at the specification build-up for each GS derivative and its closest rivals' offerings.

GS range versus competitors

An optional electrically adjustable steering wheel with driver's seat memory costs approximately £1500 on the BMW 5 Series and £650 on the Mercedes E-Class – a standard feature on the base model as the table overleaf shows. All four of the GS300 and GS430's closest competitors charge around £400 for a CD autochanger as an option, a standard feature on all GS models. Speed sensitive power steering is not available on either the BMW 5 Series or Mercedes E-Class and costs over £250 on the Audi A6.

GS300 versus competitors

	LEXUS GS300 3.0	AUDI A6 2.8 QUATTRO SPORT	BMW 5 SERIES 530i SE	JAGUAR S-TYPE 3.0 V6	MERCEDES E-CLASS E 280 Elegance
Price including delivery	£28,245.00	£28,460.00	£29,215.00	£26,520.00	£30,360.00
Automatic Transmission	4	£1,187.93	£1,220.00	£1,100.00	4
Cruise control	4	4	4	£395.00	4
Side Airbags	4	4	4	4	4
Climate Control Air Conditioning	4	4	4	4	8
3 Year Warranty	4	4	4	4	4
CD Autochanger	4	£403.03	£425.00	£415.00	£380.00
Automatic Headlights	4	7	7	4	7
Electrically Adjustable Steering Wheel	4	£346.63	£1495.00*	4	£650.00*
Speed Sensitive Power Steering	4	£258.50	7	4	7
Electrically Adjustable Front Seat	4	4	See*	4	4
Front Fog Lights	4	4	4	£180.00	4
Price including delivery	£28,245.00	£28,460.00	£29,215.00	£26,520.00	£30,360.00
Specification Adjustment	N/A	£2,196.09	£3,140	£2090	£1,030
Specification Adjusted Price	£31,230.00	£30,656.09	£32,355.00	£28,610.00	£31,390.00
% Price Difference	-	+8.54%	+14.55%	+1.29%	+11.13%

*includes driver memory electrically adjustable front seats.

GS300 SE versus competitors

	LEXUS GS300 3.0 SE	AUDI A6 2.8 Sport	BMW 5 SERIES 530i SE	JAGUAR S-TYPE V6 3.0 SE	MERCEDES E-CLASS E 280 Elegance
Price including delivery	£30,745.00	£28,460.00	£29,215.00	£30,970.00	£30,360.00
Automatic Transmission	4	£1,187.93	£1,220.00	4	4
Side Airbag	4	4	4	4	4
Cruise control	4	4	4	4	4
Leather Seat Upholstery	4	£1,633.25	£1,580.00	4	£1,900.76
Climate Control Air Conditioning	4	4	4	4	£1,007.25
3 Year Warranty	4	4	4	4	1 year
CD Autochanger	4	£403.03	£425.00	£415.00	£380.00
Automatic Headlights	4	7	7	7	7
Electrically Adjustable Steering Wheel	4	£346.63	£1495.00*	4	£650.00*
Speed Sensitive Power Steering	4	£258.50	7	4	7
Driver seat memorised adjustment (2 settings)	4	£505.25	See*	4	See*
Electric Glass Sunroof	4	£1,021.08	£990.00	4	4
Price including delivery	£30,745.00	£28,460.00	£29,215.00	£30,970.00	£30,360.00
Specification Adjustment	N/A	£5355.67	£5710	£415	£3,938.01
Specification Adjusted Price	£30,745.00	£33,815.67	£34,925.00	£31,385.00	£34,298.01
% Price Difference	-	+9.99%	+13.60%	+2.08%	+11.56%

*includes electrically adjustable memorised driver's seat.

GS430 SE versus competitors

	Lexus GS 430 SE	Mercedes E-CLASS E 430 A'GARDE	Jaguar S-TYPE V8	AUDI A6 4.2 SPORT QUATTRO	BMW 5 SERIES 540i SPORT AUTO
Price including delivery	£36,790.00	£38,210.00	£35,170.00	£38,948.00	£40,270.00
Automatic Transmission	4	4	4	4	4
Cruise control	4	4	4	4	4
Climate Control Air Conditioning	4	4	4	4	4
3 Year Warranty	4	4	4	4	4
CD Autochanger	4	£380.00	£415.00	£403.00	£425.00
Electrically Adjustable Steering Wheel	4	7	4	7	7
Speed Sensitive Power Steering	4	4	4	7	7
Sunroof	4	£1,254.61	4	£1,021.08	£900.00
Side Airbags	4	4	4	4	4
Price including delivery	£36,790.00	£38,210.00	£35,170.00	£38,948.00	£40,270.00
Specification Adjustment	N/A	£1,634.61	£415.0	£1,424.08	£1,325.00
Specification Adjusted Price	£36,790.00	£39,844.61	£35,585.00	£40,372.08	£41,595.00
% Price Difference	-	+8.30%	-3.28%	+9.74%	+13.06%

The GS430 enters the hot end of this sector as simply the fastest, best-specified, best value executive express on the market. At less than £37,000 fully loaded it undercuts all bar the Jaguar.

LEXUS GS300 / GS430 ENGINE AND POWERTRAIN

The classical combination of front engine, rear wheel drive and the customary levels of Lexus refinement remain unchanged. However the enhanced powertrain of the Lexus GS430 raises the driving experience to new levels.

The Lexus GS430 is powered by the 3UZ-FE 4.3 litre, V8 32 valve VVT-i engine also utilised in the new flagship LS430. It develops 283 DIN hp @ 5600rpm and a maximum torque of 417 Nm or 302 ft lb @ 3500rpm linked to a five-speed, Intelligent Automatic Gearbox.

The Lexus GS300 is powered by the 2JZ-GE 3 litre, six cylinder VVT-i engine with 24 valves and twin overhead camshafts to develop 219 DIN hp @ 5800rpm and a maximum torque of 294 Nm or 213 ft lb @ just 3800rpm.

Both models use Lexus engine management systems, which are among the most sophisticated available, controlling fuel injection and ignition timing to a fraction of a second. Combined with VVT-i, these engines give remarkable efficiency and low exhaust emissions. The GS300 meets Step III emissions regulations, with the GS430 meeting Step IV. At the same time these engines also guarantee unrivalled tractability and smoothness.

The GS430 has a top speed of 155mph and can accelerate from 0-62mph in 6.3 seconds. The GS300 has a top speed of 143mph and can accelerate from rest to 62mph in 8.2 seconds.

ACIS (Acoustic Control Induction System)

Both the GS300 and GS430 are fitted as standard with ACIS, which improves torque over the whole speed range by changing the intake manifold length in three stages. This is achieved by opening or closing the intake air control valve according to the engine speed and throttle valve angles.

ETCS-i (Electronic Throttle Control System-intelligent)

Fitted to both models, The ETCS-i monitors the engine operating conditions and supplies the optimal amount of torque under any circumstance. This results in smoother acceleration, superior hill-climbing ability and eliminates jerky take off from rest.

The ETCS-i system works by optimally controlling the opening of the throttle valve in accordance with the angle of the accelerator pedal. ETCS-i also controls the snow mode, cruise control and is linked to the VSC - (Vehicle Stability Control) and the TRC (Traction Control) systems.

Torque Activated Powertrain

The GS430 has in addition Torque-Activated Powertrain control. This feature helps control the torque of the engine by determining the level of throttle function in relation to the accelerator position, the engine regime and also the conditions under which the car is driving. As a result acceleration is smoother and a constant speed can be maintained with the slightest movement of the accelerator pedal. Unnecessary downshifts are also avoided for even smoother progress.

Torque Activated Powertrain also has the ability to recognise slopes. When climbing hills it will increase engine torque to avoid downshifts. When driving downhill, a lower gear is selected to provide engine braking. This system makes optimal use of the car's power and dispenses with the discomfort of constant gear changes.

Intelligent Automatic Gearbox

Both the GS300 and GS430 are complemented by a Super ECT (Electronically Controlled Transmission) five speed, intelligent automatic gearbox which can adapt its gear shift pattern to suit driving style and road conditions. The transmission is linked to the digital engine management system, to momentarily reduce engine torque for even smoother gear changes. The gearboxes are similar although there are slight construction changes to suit the power output of the GS430.

Hands free gear-shifting

Fitted as standard equipment to the new GS300 is the new E-Shift system, which enables the driver to shift up or down the gears without taking their hands off the steering wheel. Once the gear lever has been placed into the 'M' manual position the driver can then change gear independently.

The maximum gear speed is limited in each of the ranges permitting the gears to up-shift and down-shift automatically within the allowable engine speed range. When in this mode, a display below the odometer informs the driver of the gear that is currently selected.

GS 430 / GS 300 EQUIPMENT LIST

SAFETY	GS430 SE	GS300	GS300 SE
Driver & front passenger airbags	✓	✓	✓
Driver & front passenger side & curtain shield airbags	✓	✓	✓
Passenger airbag detection function	✓	✓	✓
Fuel cut safety system	✓	✓	✓
Anti-lock braking system with EBD	✓	✓	✓
Vehicle stability control	✓	✓	✓
Traction control	✓	✓	✓
Electronic sensing front seatbelt pretensioners with force limiters	✓	✓	✓
Five 3-point seat-belts and headrests	✓	✓	✓
Seat integrated front seat belt anchorage and support	✓	✓	✓
High mounted rear stop lamp (HMSL)	✓	✓	✓
Front & rear fog lamps	✓	✓	✓

Foot operated parking brake	✓	✓	✓
Upper interior head impact protection	✓	✓	✓
Interior & exterior photochromic (anti-glare) rear view mirrors	✓	✓	✓
Heated exterior rear view mirrors	✓	✓	✓
All-round double wishbone suspension with coil springs	✓	✓	✓
Rigid high-tensile steel cabin cage	✓	✓	✓
Side impact door bars	✓	✓	✓
Halogen headlamps	✗	✓	✓
Halogen headlamps with High Intensity Discharge	✓	✗	✗
Headlamp cleaner	✓	✗	✓
INSTRUMENTS & CONTROLS	GS430 SE	GS300	GS300 SE
Lexus Navigator System	OPT	OPT	OPT
7 inch LCD touch-screen multi display (when Lexus Navigator option is selected)	✓	✓	✓
Electric headlamp levelling	✓	✓	✓
Instrument light dimmer	✓	✓	✓
Digital odometer/trip meter	✓	✓	✓
Engine management warning and fog lamp indicator lights	✓	✓	✓
E-Shift steering wheel based transmission control	✗	✓	✓
Steering wheel based audio controls	✓	✗	✗
COMFORT & CONVENIENCE	GS430 SE	GS300	GS300 SE
Speed sensitive power assisted steering (PAS)	✓	✓	✓
Front and rear door mounted electric window switches	✓	✓	✓
Electrically multi adjustable steering column	✓	✓	✓
Central locking with remote control and double locking	✓	✓	✓
Cruise control	✓	✓	✓
Electronic boot and fuel flap release	✓	✓	✓
Driver and front passenger vanity mirrors	✓	✓	✓
Illuminated ashtray	✓	✓	✓
Heated rear window	✓	✓	✓
3 spoke leather steering wheel	✗	✓	✓
3 spoke wood and leather steering wheel	✓	✗	✗
Electrically operated headlamp washers	✓	✗	✓
AUDIO	GS430 SE	GS300	GS300 SE
7 speaker stereo audio system with 3 wave-band radio and Dolby cassette	✓	✓	✓
RDS radio with one –touch tuning and 18 presets	✓	✓	✓
Automatic sound leveller which adjusts audio volume according to	✓	✓	✓

ambient noise levels.			
6 disc CD autochanger	✓	✓	✓
VENTILATION	GS430 SE	GS300	GS300 SE
Climate control air conditioning with separate driver and passenger temperature controls	✓	✓	✓
All window electric one touch up and down with safety anti-trap	✓	✓	✓
Clean air filter	✓	✓	✓
Electric tilt/ slide glass sunroof with shade and anti-trap	✓	x	✓
SECURITY	GS430 SE	GS300	GS300 SE
Key integrated remote control central locking system	✓	✓	✓
Key integrated set/unset immobiliser	✓	✓	✓
Steering column lock	✓	✓	✓
Lockable glove box	✓	✓	✓
Vehicle parts marking	✓	✓	✓
Security window etching	✓	✓	✓
Visible VIN	✓	✓	✓
Double locking	✓	✓	✓
SEATING, UPHOLSTERY & TRIM	GS430 SE	GS300	GS300 SE
Electrically multi adjustable front seats with lumbar support	✓	✓	✓
Driver's seat memory position	✓	x	✓
Heated driver and passenger seats	✓	x	✓
Cloth seat trim	x	✓	x
Leather seat trim	✓	x	✓
Wood trim detailing	✓	✓	✓
Black wood trim detailing	x	x	x
BODY EXTERIOR	GS430 SE	GS300	GS300 SE
16" alloy wheels with locking wheel nuts	x	✓	x
17" alloy wheels with locking wheel nuts	x	x	✓
17" buffed alloy wheels with locking wheelnuts	✓	x	x

LEXUS GS300 TECHNICAL SPECIFICATIONS

ENGINE	
Engine Type	2JZ-GE
Valve Mechanism	24 valve, DOHC, VVT-i
Block Material	Cast-Iron
Head Material	Aluminium
Displacement (cc)	2997
Bore x Stroke (mm)	86.0 x 86.0
Fuel Injection Type	EFI (L-Jetronic)
Ignition System	Electric spark advanced system
Octane Rating	95
Compression Ratio	10.5
Max. Power (DIN hp/rpm)	219@5800
Max. Torque (Nm/rpm)	294@3800
ACCELERATION (sec)	
0-62mph	8.2
0-400m	15.8
Max. speed	143
DIMENSIONS	
Overall length (mm)	4805
Overall width (mm)	1800
Overall height (mm)	1445
Wheelbase (mm)	2800
Tread (mm) front	1535
Tread (mm) rear	1510
Overhang (mm) front	835
Overhang (mm) rear	1170
Coefficient of Drag (Cd)	0.29
Minimum turning radius (m)	5.5
Fuel tank capacity (L)	75
INTERIOR DIMENSIONS	
Interior room length	1975
Interior room width	1550
Interior room height	1180 w/o sun roof 1140 with sun roof
Luggage capacity	510 Litres
WEIGHTS (kg)	
Kerb weight	1720
Gross vehicle weight	2120
Towing capacity (w/brake)	2000
Towing capacity (w/o brake)	750
TRANSMISSION	
Type	A650E
Gearbox type	Automatic Super ECT
Gear ratios	
1 st	3.357
2 nd	2.180
3 rd	1.424
4 th	1.000
5 th	0.753
Reverse	3.431

Differential Gear Ratio	3.615
FUEL CONSUMPTION AND EMISSIONS	
Combined	22.9
Extra Urban	32.1
Urban	17.2
CO ₂	281g/km
SUSPENSION	
Front	Double Wishbone
Rear	Double Wishbone
BRAKES	
Front (size mm)	Ventilated disc (296X32)
Rear (size mm)	Solid disc (307x12)
Parking Brake Type	Duo servo with drum brake incorporated in disc rotor
Master Cylinder Type (size mm)	Centre port type (26.99)
Brake Booster Type	Hydraulic with integrated actuator ABS/VSC and master cylinder
Anti-lock Braking (ABS)	4 channel ABS
STEERING	
Type	Rack and pinion
Ratio	17.2
Power Steering Type	Integral
Turns (lock to lock)	3.4
TYRES AND WHEELS	
Wheels	16"or 17" Alloy
Tyre size	225/55 R 16 235/45 ZR 17

GS430 TECHNICAL SPECIFICATIONS

ENGINE	
Engine Type	3UZ-FE
Valve Mechanism	32 valve, DOHC, VVT-i
Block Material	Aluminium
Head Material	Aluminium
Displacement (cc)	4293
Bore x Stroke (mm)	91.0 x 82.5
Fuel Injection Type	EFI (L-Jetronic)
Ignition System	Direct Independent Transistorised
Octane Rating	95
Compression Ratio	10.5:1
Max. Power (DIN hp/rpm)	283@5600
Max. Torque (Nm/rpm)	417@3500
ACCELERATION (sec)	
0-62mph	6.3
0-400m	14.3
Max. speed	155mph
DIMENSIONS	
Overall length (mm)	4805
Overall width (mm)	1800
Overall height (mm)	1445
Wheelbase (mm)	2800
Tread (mm) front	1535
Tread (mm) rear	1510

Overhang (mm) front	835
Overhang (mm) rear	1170
Coefficient of Drag (Cd)	0.29
Minimum turning radius (m)	5.5
Fuel tank capacity (L)	75
INTERIOR DIMENSIONS	
Interior room length (mm)	1975
Interior room width (mm)	1550
Interior room height (mm)	1180 w/o sun roof 1140 with sun roof
Luggage capacity	510 litres
WEIGHTS (kg)	
Kerb weight	1690-1745
Gross vehicle weight	2145
Towing capacity (w/brake)	2000
Towing capacity (w/o brake)	750
TRANSMISSION	
Type	A650E
Gearbox type	Automatic Super ECT
Gear ratios	
1 st	3.357
2 nd	2.180
3 rd	1.424
4 th	1.000
5th	0.753
Reverse	3.431
Differential Gear Ratio	3.266
FUEL CONSUMPTION AND EMISSIONS	
Combined	23.0 mpg
Extra Urban	30.1 mpg
Urban	16.3 mpg
CO ₂	296g/km
SUSPENSION	
Front	Double Wishbone
Rear	Double Wishbone
BRAKES	
Front (size mm)	Ventilated disc (296X32)
Rear (size mm)	Solid disc (307x12)
Parking Brake Type	Duo servo with drum brake incorporated in disc rotor
Master Cylinder Type (size mm)	Centre port type (26.99)
Brake Booster Type	Hydraulic with integrated actuator ABS/VSC and master cylinder
Anti-lock Braking (ABS)	4 channel ABS
STEERING	
Type	Rack and pinion
Ratio	17.2
Power Steering Type	Integral
Turns (lock to lock)	3.4
TYRES AND WHEELS	
Wheels	Aluminium
Tyre size	235/45 ZR 17

