

# The Audi 200.





This brochure is intended to show the general appearance of the new Audi 200.

During the origination of this brochure, the manufacturer's illustrations depicted left hand drive vehicles. However, to facilitate the brochure's application within the United Kingdom, the illustrations have undergone a process that makes possible the presentation of right hand drive vehicles. The process involves the "reversing" of negatives and as a result some minor items of specification have become slightly mispositioned.

The illustrations within this brochure do not show the electrically operated sunroof. Please note that this equipment is part of the standard specification of the Audi 200.

Due to a continuous process of modification by the manufacturer, some changes in specification may occur after the publication of this brochure. Kindly confirm specification with your authorised Audi dealer at the time of placing your order.

The pages dealing with the summary of specification give exact details of equipment at the time of publication.

The details given in this brochure relate to models of the 1980 model year.







## Audi 200 – a turbo powered luxury limousine – traditionally Audi.

The Audi 200 is our most ambitious and luxurious car to date.

In appearance the Audi 200 owes little to convention, and in terms of automobile aesthetics is a delight, whether viewed by the enthusiast or by those just interested in good taste.

The very stance of the Audi 200, its low body line, wide track, complimentary alloy wheels and striking frontal treatment, suggests style and capability in terms of performance.

The Audi 200 is not unique in its ability to provide luxury transportation. However, the combination of engineering excellence and design innovation, collectively produce a vehicle which stands alone in its responsibilities to the fields of economy, safety and performance.

The Audi 200 announces its role as sophisticated transportation for the 1980s.

### Expectation and promise fulfilled

The turbocharged 5 cylinder 2.2 litre engine develops 170 bhp through its standard automatic transmission, and accelerates from 0-50 mph in 6.5 seconds progressing smoothly to a maximum speed of 120 mph.

The passenger compartment has been designed for luxurious comfort over the longest of journeys and the equipment specification, from the cruise control to the individually heated front seats, is appropriate to the Audi 200's class.

### Traditional Audi values

We believe that "economy" has, for too long, been excluded from the luxury car class.

The continued escalation of fuel, maintenance and servicing costs and the recent realization that the world doesn't contain a bottomless oil well, has demanded a breakthrough that, until now, has been lacking.

Paradoxically, the Audi 200's fuel economy and performance is derived from the functional efficiency of its turbocharger. Main servicing is restricted to 10,000 mile intervals, and our six year body protection warranty protects against through rusting of the body unit.

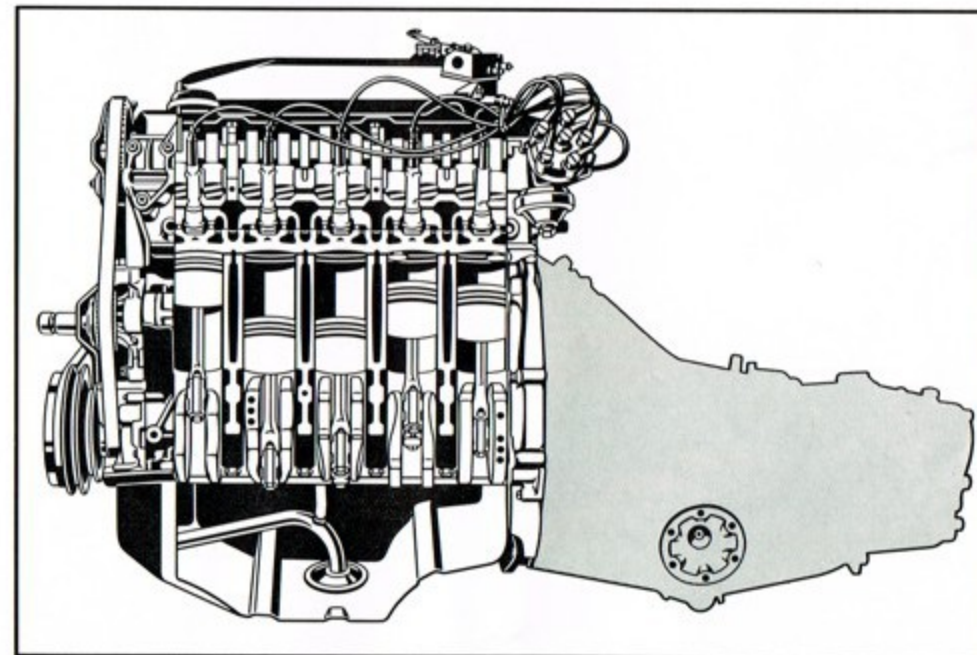
We have also equipped the new Audi 200 with the same safety features widely acclaimed on the Audi 100 range.







## The 5 cylinder 2.2 litre engine. Innovative engineering and proven reliability.



*The five cylinder 2.2 litre engine.*

### The turbocharged 5 cylinder 2.2 litre engine

The turbocharged engine of the Audi 200 delivers an output of 170 bhp. Acceleration from 0-60 mph takes a mere 8.7 seconds and a top speed of 120 mph is attained shortly thereafter. The smooth, quiet delivery of this extra power, without increasing either cubic capacity or engine speed, is due to the supreme efficiency of the turbo charger.

Ideally suited to front wheel drive vehicles in respect of front axle loading, the turbocharger is driven by exhaust gases which would otherwise escape unused through the exhaust pipe into the atmosphere. The construction and

functional principles are as simple as they are practical. By channelling the exhaust gases via a turbine impeller, the turbine begins to revolve. The turbine drives the supercharger rotor, which draws in fresh air, precompresses it and forces it via the usual induction path into the individual cylinders.

The process optimises cylinder filling, resulting in a complete and uniform mixture, higher torque, greater output and a better power to weight ratio.

Behind the wheel you can feel the smooth, unlaboured development of power as the turbo boost increases with the engine revolutions, operating the engine to optimum efficiency.

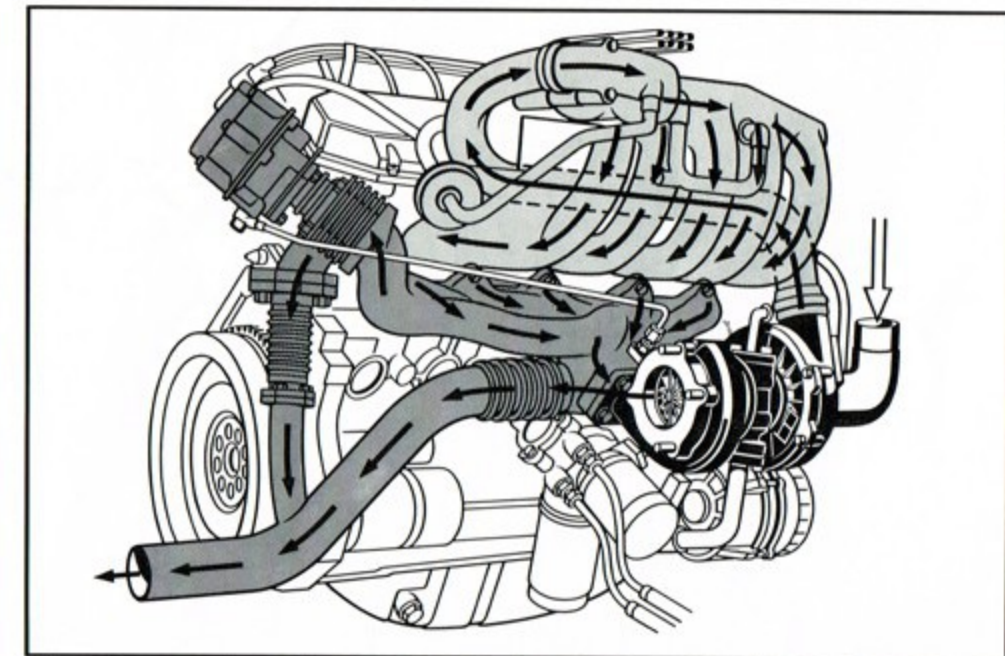
Audi were the first, and still are the only manufacturer to market production cars powered by a five cylinder petrol engine.

This unique configuration was born out of our conviction that a luxury car needn't be a wasteful car. And that an engine needn't sacrifice economy or reliability in order to achieve good performance.

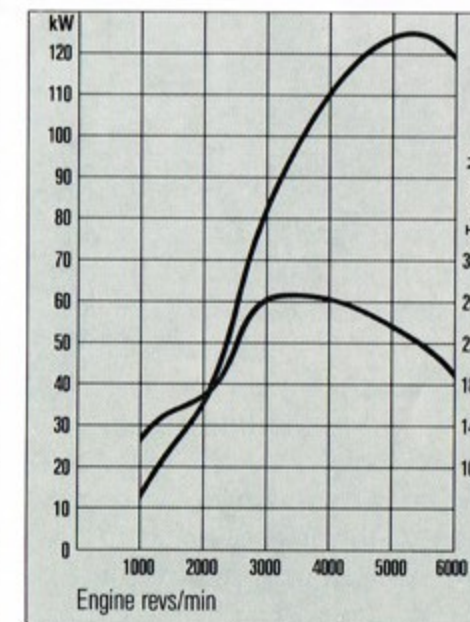
The advantages of a 5 cylinder engine over a six cylinder version are less weight and, correspondingly, a more favourable fuel consumption with a higher degree of smoothness normally associated

with six cylinder engines.

We have achieved the benefits found in both four and six cylinder engines and in doing so offer performance, economy and reliability in keeping with that expected of an Audi.



*The turbo-supercharger develops super performance through optimum efficiency.*



*Torque/Performance Graph.*

Litres per 100 kilometres	Miles per gallon
15.4 at S.U.D.C.	18.3 at S.U.D.C.
10.0 at 90 kph	28.2 at 56 mph
12.9 at 120 kph	21.9 at 75 mph

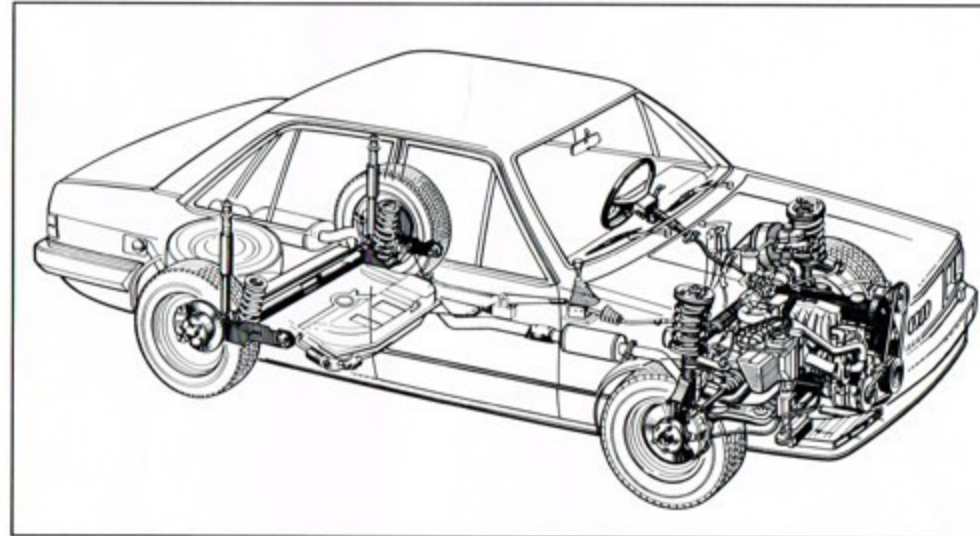
*Fuel consumption statistics*



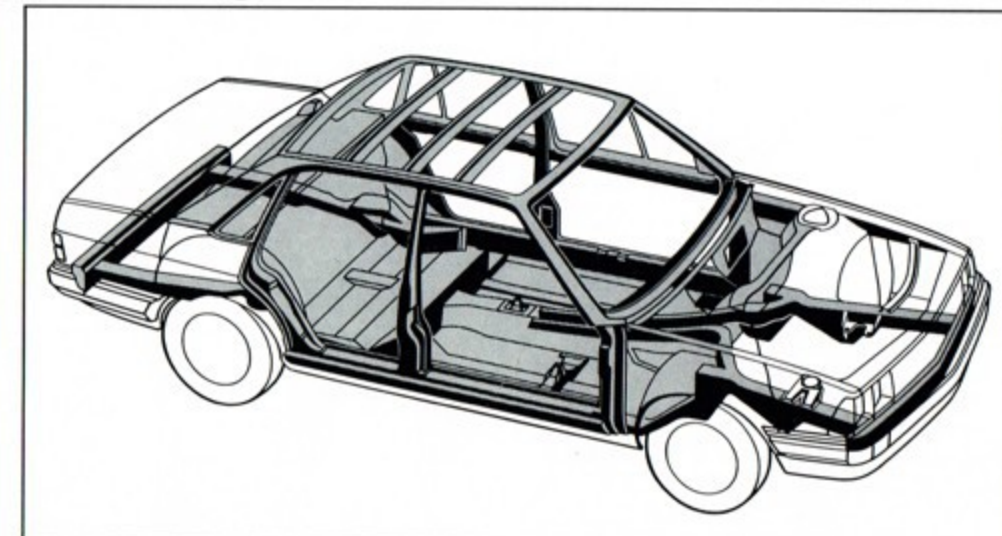




# The Audi 200's integral safety system is derived from advanced chassis design and engineering excellence.



*To insulate you from the ups and downs of the world outside we tested the Audi 200 over some of the worst road surfaces imaginable. It will comfortably absorb anything you are likely to encounter. From the cobble stones of France to the pot holes of Spain.*



*The Audi 200 has a rigid safety cell around the passenger compartment which resists impact in front, rear and side collisions. In a roll over its strength exceeds the levels set by the American safety standards authority which are among the highest in the world.*



## An advanced, high performance chassis.

How you feel at the end of a long journey depends not just on the roads you've been driving on, but the car you've been driving in.

That's why we spent a great deal of time developing the Audi 200 chassis.

Harnessing the output of the turbo charged engine was only one consideration. We also wanted to make sure you had ample safety reserves in unexpected motoring situations.

## Balanced springing and shock absorption.

The Audi 200 suspension consists of coil springs and telescopic shock absorbers front and rear.

The front end suspension, naturally, incorporates an anti-roll bar and the whole system is harmonised between front and rear axles to prevent pitching.

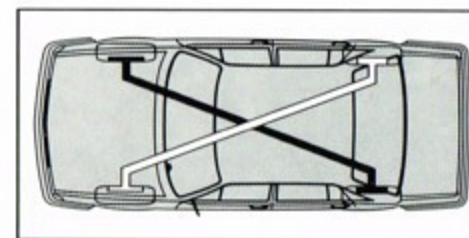
## Self-stabilising power steering and braking system.

An Audi was the first production car in modern times to have a negative roll radius steering and braking system. It is automatically self-stabilising. If a front tyre bursts or skids at speed, the car will stop in

a straight line. If the wheels on one side of the car hit a slippery or soft surface (the central reservation of a motorway for example) it will not be pulled off course.

Unlike some systems, the Audi power steering emits plenty of "feel" through its rack and pinion configuration, particularly at high speeds.

To cope with its high performance characteristics, the Audi 200 has disc brakes on all four wheels, with internal ventilation on the larger front discs. The system is diagonally linked, and offers 50% efficiency in the event of a circuit failure. The steering gear is situated behind the drive unit and the front axle to protect it in a collision. A safety steering column is



*The dual diagonal circuit braking system. The two braking circuits on the Audi 200 are diagonally linked. If one circuit fails, the brakes will still work on one front wheel and on the diagonally opposite back wheel. The braking power is evenly distributed between front and rear, with 50% of the braking effect on each axle.*

also fitted.

## Low, wide and stable.

With its long wheel base, wide track and 6J x 15 wheels with low profile tyres, the Audi 200 sits on the road as if it owns it and corners as if it were on rails. The feeling is reassuring, as indeed is the knowledge that underneath it all, the built-in safety features are there ready to help you if ever you need them.

## The advantages of front wheel drive.

It is unusual to find as large and luxurious a car as the Audi 200 with front wheel drive. But it does offer advantages which a rear wheel drive layout cannot.

The engine, gearbox and differential are positioned over the front axle which increases the weight over the front wheels, and so improves the grip.

On wet or slippery roads, its directional stability is particularly impressive. Under normal conditions, when negotiating a bend, the front drive pulls you round on an accurate line in response to your steering.

Additionally, the centre of gravity is in the front third of the car,

which makes it far less susceptible to side winds, especially on motorways.

## The front and rear crumple zones.

We designed the front and rear of the car to collapse progressively in a collision, and so, absorb the impact rather than resist it. At the front and back, are square section Timoshenko girders which, in a collision, progressively telescope (rather like an accordion) from front to rear absorbing most of the impact force.

The petrol tank is positioned in front of the rear axle. Away from the direct impact zone in a rear end collision and thus, possible fire risk is avoided.

## Side impact resistance.

We have left a large space between the body work and the interior metal sheets to give them greater leeway for deformation in the event of a side collision.

## Computers helped us lose weight.

By using computer calculations, we were able to incorporate all these safety features without building a heavy car or presenting you with a vehicle that looked or felt like a tank.







# Inside the Audi 200.

## An air of refinement, luxury, comfort and elegance.

Driving the Audi 200, you will notice the almost total absence of interior noise.

The aerodynamic shape of the car body and the quiet efficiency of the turbo charged engine reduces outside wind and engine noise to a mere whisper. But, in addition we developed an entirely new type of sound insulation against road and tyre noise. The passenger compartment is insulated with a layer of bitumen, a layer of thick felt and a layer of dense matting before we lay the luxurious, thick pile carpet.

Effective noise insulation reduces fatigue, tension and distraction so you can concentrate on the pleasure of driving the Audi 200. In many respects the interior specification declares optional extras redundant. The passenger compartment leaves little, if anything, to be desired. The ventilation system is both powerful and efficient. It can change the air every 15 seconds, even when the car is at a standstill. Once you have selected the temperature, it stays constant irrespective of fluctuations in the temperature of the engine. Automatically controlled, it will keep all the occupants warm and comfortable or cool and refreshed. And for even greater flexibility, the front seats are equipped with their own individual heating device.

The relaxing comfort of the deep-pile velour seats has to be experienced to be totally appreciated and throughout, the interior decor gives a feeling of encapsulated luxury. Although we have produced a lavish standard of interior fittings, nowhere in the Audi 200 will you find embellishment that is pointless.

Because, in this day and age, we feel we should offer you something more than a better, more luxuriously equipped car. We should also do all in our power to help you be a better driver.



*Instruments are clearly visible at all times through the non-reflective console.*



*Electrically operated windows on all four doors.*



*Rear ashtray, cigar lighter and reading lamp.*



*Rear fold-out storage pockets.*



*Angle adjustable driver's seat.*



*Turbocharger boost gauge.*



*Rear head restraints.*



*Rear seat belts. NB: Two rear seat belts fitted to UK specification models.*





Light alloy 6J x 15 in. road wheels and low-profile tyres.



Electrically operated twin headlight washers.



All-round tinted glass. Laminated windscreen and sunfilter strip.



Central door locking.



Electrically adjustable and heated door mirrors.

## Outside, the Audi 200's specification is designed to be appreciated from the inside.

Negotiating corners and bends, the 6J x 15 light alloy wheels and 205/60 x 15 low-profile tyres hug the road like limpets.

In summer, you'll appreciate the electrically operated sun roof that opens at the touch of a switch and the all-round tinted glass with an anti-glare strip at the top of the laminated windscreen.

For precise rear viewing, both outside door mirrors are electrically adjustable, and, in winter, heated to combat frost and condensation.

Dirty headlights can impair driving visibility appreciably, but again, at the touch of a switch, both twin halogen headlights are washed by high pressure jets.

And when you finally arrive at your destination, the central door locking device ensures that all four doors and boot are safely locked by a single turn of the key to the driver's door.



Air conditioning. The only optional extra on the Audi 200.



Radio cassette player including 4 speakers and electrically operated aerial.



Automatic transmission.



Automatic cruise control.

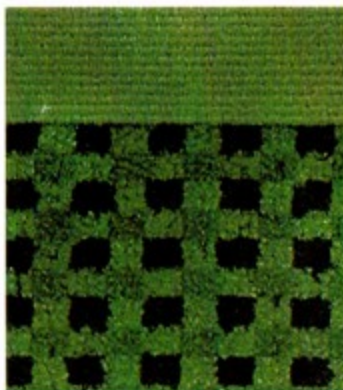


## Interior and exterior finishes for the Audi 200.

### The upholstery



Azure Blue



Sedge Green



Negro

## The paintwork



Copper Metallic



Helios Blue Metallic



Indiana Red Metallic



Inari Silver Metallic



Onyx Metallic



Diamond Silver Metallic



Dolomite Grey Metallic

## Colour Combinations

		Audi 200 5T Carre woven velour		
Interior Trim		Azure	Sedge	Negro
Exterior Finishes				
Copper	W2			
Helios Blue	W5			
Indiana Red	W9			
Inari Silver	Y4			
Onyx	Z2			
Diamond Silver	Z4			
Dolomite Grey	Z9			

Print processes do not allow exact reproduction of colours. This applies to exterior colours as well as to interior trim.

## Technical data.

	Audi 200 ST						
Engine:	5-cylinder, in line.						
Capacity:	2.2 litre 12844 ccl.						
Induction:	Fuel injection with exhaust driven turbo charger.						
Power:	125 kW. 170 bhp DIN/5300 rpm.						
Torque:	186 lbs.ft./265 Nm at 3300/rpm.						
Compression ratio:	7:1						
Electrical:	12 V, 63 Ah battery, alternator 75 A max.						
Gearbox:	3 speed automatic transmission.						
High Performance running gear:	Specially co-ordinated chassis system. Front and rear suspension on coil springs with telescopic dampers. Transverse control arms in front, with anti-roll bar. Wheel control. MacPherson strut front. Wishbones with track stabilising roll radius. Torsion beam axle rear, located by Panhard rod.  Brakes: diagonal dual-circuit with servo discs front and rear. Load dependent brake power control.						
Steering:	Hydraulic servo-steering, safety steering column.						
Wheels/Tyres:	Alloy wheels 6J x 15. Low profile 205/60 HR 15 section tyres.						
Performance:	Top speed 121 mph.						
Acceleration:	0-50 mph: secs 6.5                      0-62 mph: secs 9.6						
Fuel consumption:	Miles per gallon Simulated Urban Driving Cycle                      18.3 At 56 mph:                      28.2 At 75 mph:                      21.9 Litres per 100 kilometres Simulated Urban Driving Cycle                      15.4 At 90 km/h                      10.0 At 120 km/h                      12.9						
Fuel:	Star rating:                      4 Octane:                      98						
Weights:	Unladen                      lbs                      2772                      Rear                      lbs                      1870 kgs                      1260     kgs                      850 Gross                      lbs                      3883                      Trailer braked                      lbs                      1474 kgs                      1765     kgs                      670 Payload                      lbs                      1111                      Unbraked                      lbs                      1474 kgs                      505     kgs                      670 Axle Front                      lbs                      2288 kgs                      1040						
Dimensions:	Length                      ins                      184.8                      Wheelbase                      ins                      105.4 mm                      4695     mm                      2676 Width                      ins                      69.6                      Track front                      ins                      58.1 mm                      1768     mm                      1475 Height                      ins                      54.7                      rear                      ins                      57.2 mm                      1390     mm                      1453						
Ground clearance at total weight:	ins      3.9                      mm      98 mm						
Turning Circle:	feet      37.1                      metres      11.3						
Capacity Boot:	cu. ft.      22.7						
Fuel tank:	galls.      16.5                      litres.      75						

## SPECIFICATION

### Main Equipment Features:

- Heat insulating tinted glass
- Metallic paint finish
- Alloy wheels
- Electrically heated/operated external mirrors
- Electrically operated windows
- Electrically operated roof
- Central locking system
- Automatic transmission
- Power assisted steering
- Cruise control system
- Opening quarter light windows

**Interior Equipment:**

- Speedometer
- Turbo boost indicator
- Tachometer
- Digital clock
- Temperature warning lights
- Fuel gauge
- Trip mileage recorder
- 3 cigar lighters
- Ashtray front/rear
- Headlamp flasher
- 3 speed ventilation
- Intermittent wipers – with two speed control

- Wash/wipe action
- Parking light contact
- Illuminated switch panel
- Instrument panel rheostat
- Glove box illumination
- Front/rear door courtesy lights/reading lamps
- Hand/dual circuit brake light
- Driver/passenger sun visors – with
- Sideways action – driver
- Sideways action – passenger
- Illuminated vanity mirror
- Lockable glove box
- Driver's storage shelf
- Day/night safety rear view mirror
- 4 spoke – padded steering wheel
- Safety door handles
- Adjustable head restraints – front
- Head restraints – rear
- Passenger grab handle – front/rear
- Safety arm-rests/integrated grab handles
- Padded instrument panel trim
- Styled gear lever with jacket
- Reclining front seats
- Front seat angle adjuster
- Driver's seat height adjuster
- Electrically heated front seats
- Seat belts front/rear

- Velour upholstery
- Pile carpeting
- Door storage compartments
- Boot illumination
- Side compartment in boot (with tool kit)
- Thru-load facility
- Radio cassette player/quadruple speakers

**Exterior Equipment:**

- Rubber bumper strips
- 4 Halogen headlamps
- Waistline impact strip, with dirt deflector
- Lockable tank cap
- Reversing lights
- Heated rear window
- Underseal
- Electrically operated radio aerial
- Dual, twin jet windscreen washers
- Dual jet headlamp washers
- Laminated, tinted windscreen
- Tail pipe trim
- Halogen fog lights
- Rear fog light
- Self support bonnet
- Twin tone horn

**Optional Equipment:**

- *Air conditioning*



# The Audi service.

**The advanced 1-year warranty with no limit on mileage.** A manufacturer who gives this kind of warranty must be absolutely convinced of the quality of his cars. However, with this warranty we believe we give you more than just proof of quality. We give you the assurance that you made the right choice. For economical, comfortable and safe motoring. The 1-year warranty has worldwide validity.

**The new 6-year body protection warranty.** Audi were the first company to offer a 6-year warranty to cover bodywork corrosion. As with our 12 months, no mileage limit warranty, a manufacturer who gives this kind of warranty is quite sure of the longevity and quality of his product.

Special rust-proofing of internal body sections and panels protects against internal corrosion. This treatment applied at the time of manufacture guards against

through-rusting from the inside. Should this occur, rectification will be made free of charge. Naturally, during the Bodywork Warranty period the car must be cared for in compliance with the operating instructions and the bodywork must be checked every two years by an Authorised Audi Dealer.

With this warranty you may be totally confident that the bodywork of your car is fully protected against any defect in manufacture.

**A wide service network.** There is a wide network of Audi service stations around the world. The Audi service includes the latest in high efficiency equipment and special tools to provide maintenance and service for your car throughout its long life.

**Trained personnel.** The personnel of the Audi companies, service managers, engineers, reception engineers, etc., receive regular training in factory-approved schools.

At the factory there is a special department which carries out research into new servicing techniques in co-operation with Audi dealers. All this results in quicker, better quality service and lower maintenance costs.

**Spare parts and exchange units.** This Audi service includes a well-organized Parts Service. Guaranteed, high-standard exchange units are available from all Audi dealers. Genuine exchange units undergo stringent inspection at the factory.

**Personal Export.** The Audi service also includes the Personal Export facility which arranges for Overseas, Military and Diplomatic sales of Audi vehicles.

For information on this service the Personal Export Centre, 95 Baker St., London W1, should be contacted. (Tel. 01 486 8411)

Success through engineering

