

Audi Coupé S2







Power is only one of its s

The Concept.

A spiritual successor to the formative Audi quattro, the Audi Coupé S2 is a very special car indeed, bringing together all of the advanced technology developed by Audi and setting very high standards in every department.

It has been thoughtfully conceived, designed to meet the most discriminating comfort, performance, safety and environmental expectations and expertly constructed with high quality materials to assure a long operating life.

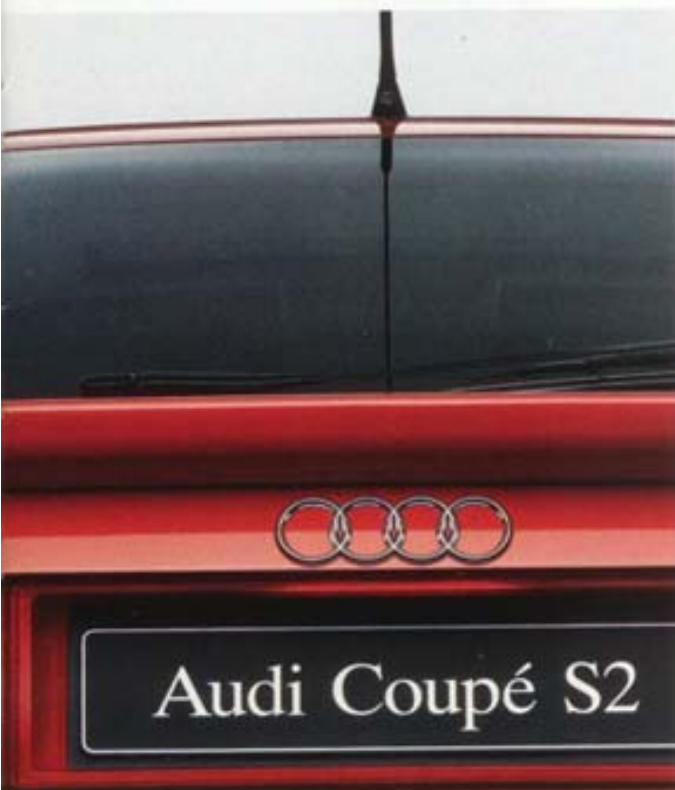
But above all, the Audi Coupé S2 offers much more than mere transportation and while many of its advanced features will be immediately obvious, some, as with all of the finest possessions, will only be fully appreciated with the passage of time and the pleasure of ownership.



A TRUE SPORTS CAR
IN THE COUPÉ CLASS.

The concept of the Audi Coupé S2 brings together the motorsport bred performance of a 230 bhp, turbocharged, multivalve engine and the ultimate traction of quattro permanent four wheel drive with top class luxury appointments and the sheer practicality of the stylish, three door Audi Coupé.

trengths.



Every detail, from the specially developed chassis to the exclusive interior, has been designed for maximum driver satisfaction, rewarding skillful inputs with razor sharp responses in handling, cornering, braking and in motive force.

The Audi Coupé S2 will accelerate from rest to 60 mph in less than six seconds and will exceed 150 mph

where legally permitted. And yet it can be remarkably docile, with such high torque that it is possible to drive, without temperament, in top gear at speeds down to 20 mph and accelerate cleanly without changing gear.

AN INTELLIGENT CHOICE.

The S2 incorporates advanced technology pioneered by Audi. Standard features include the long life, zinc galvanised body, the unique Procon-Ten safety system, quattro four wheel drive and ultra modern catalyst emission controls.

Advanced safety measures, include a strong body structure, side impact protection system, and ABS anti-lock braking all of which are standard.

The Audi Coupé S2 demonstrates that responsibility can go hand in glove with high performance and panache - an intelligent choice for the connoisseur of craftsmanship and technology and one that you will be proud to own and delighted to drive.





Sport is a matter of style Audi Coupé S2.

The Interior.

That this is a car designed by enthusiasts for enthusiasts is clear even before you slip behind the wheel.

hips and thighs against cornering forces is particularly good.

High quality Jacquard satin cloth upholstery is standard, with the cost option of full leather trim.

When you sit behind the padded



Everything about the cabin confirms that the Coupé S2 is equipped to meet the high demands likely to be made of it. Body hugging front sports seats are constructed to provide comfort over long periods at the wheel with a wide range of adjustment for height, reach and lumbar support. Lateral support for

A refined environment.

leather sports steering wheel of the Audi Coupé S2, even for the first time, everything falls readily to hand and you immediately feel part of the car.

One of the most striking features of the interior is the dashboard, with its

with the



The light grey dials of the analog instruments are easy to read.

unusual, grey analogue instrument dials. Like everything in the Coupé S2 they have been designed with function in mind, and are extremely clear and easy to read at a glance.

Dials inform of road speed, engine speed, oil temperature and pressure, water temperature, battery voltage and fuel level. Readouts from the on-board computer, outside temperature gauge, and the clock are digital.

The heating and ventilation system has four fan speeds, operates largely independently of engine and road speed and is sufficiently powerful to change the cabin air up to four times a minute.

Key switchgear is steering column mounted and fingertip operated, allowing you to concentrate on the road. Switches for electrically operated windows and door mirrors are

conveniently integrated into the door moulding. Those for the integral foglamps, rear screen heating, headlamp beam height adjustment, hazard warning and differential lock are housed in a central console.

The Audi Coupé S2 offers luxury accommodation for the driver and up to four passengers. It is also remarkably versatile for a sports car, with a large tailgate and asymmetrically folding rear seats quickly turning into a two or three seat holdall for business or leisure pursuits. No wonder the motoring press call it "the practical supercar".

The Audi Coupé S2

Combining power with i

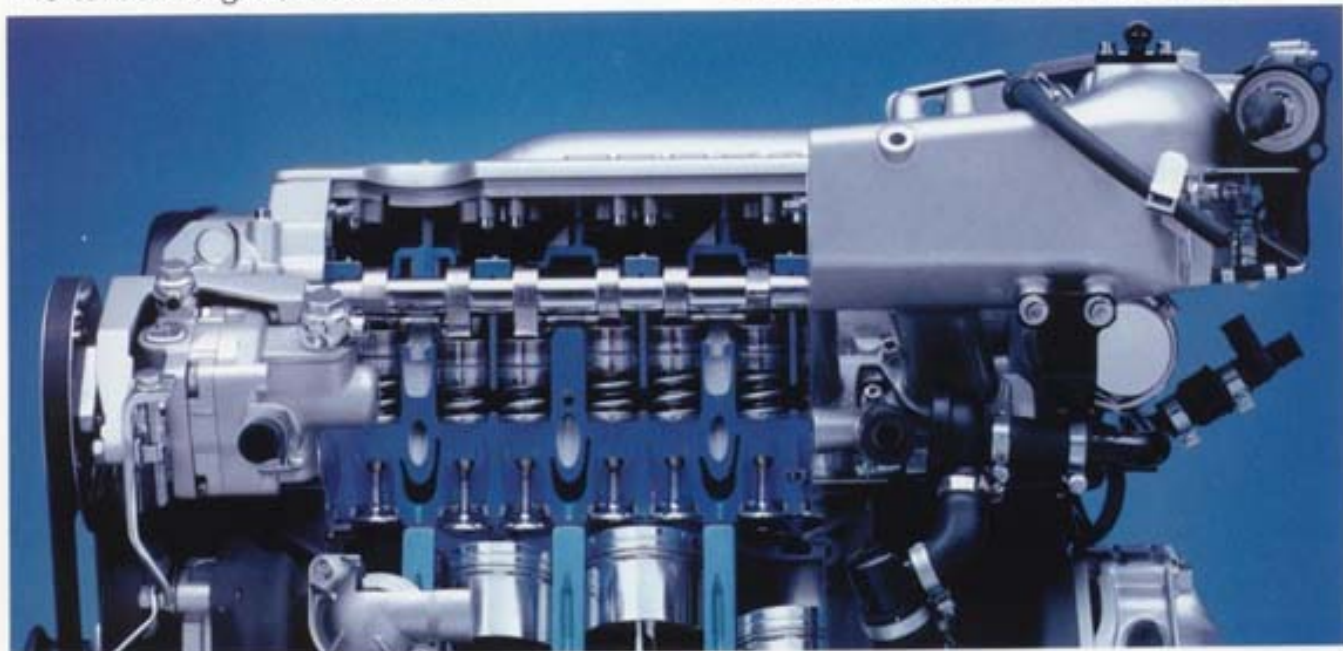
The engine and drivetrain.

Using power intelligently is the secret of the formidable performance of the Audi Coupé S2.

The turbocharged, intercooled,

On the road, this translates into the ability to accelerate smoothly and very rapidly from just about any speed in any gear. The Audi Coupé S2 is fitted as standard with a close ratio six speed manual gearbox. The use of a turbocharger is barely discernable, with instant response and no hint of turbo lag.

The Audi Coupé S2 power unit is

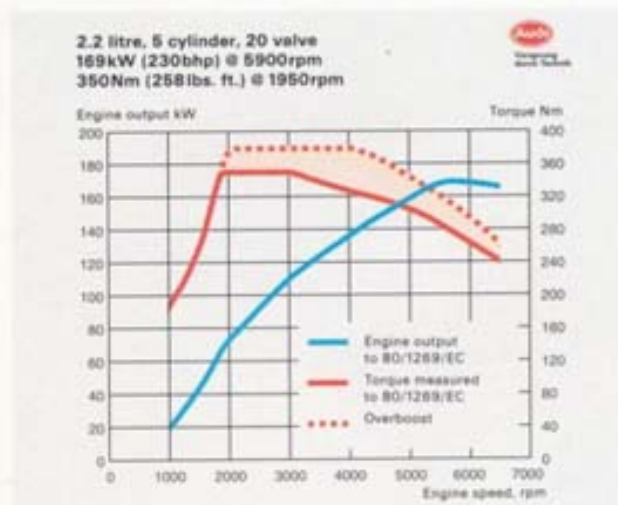


multivalve, five cylinder engine is one of the most efficient ever made for a road car, developing 230 bhp from just 2.2 litres. But its main characteristic is the impressive torque output, with maximum tractive power peaking at the very low engine speed of 1950 rpm.

The 2.2 litre five cylinder fuel injected engine with 4 valve per cylinder technology develops a maximum output of 169kW(230bhp), at 5900 rpm.

controlled by a sophisticated engine management system with data programmed electronic ignition, on board self diagnostics and Lambda

ntelligence.



Maximum acceleration is ensured on overboost with torque increased to 380 Nm delivered at 2100 rpm.

sensing emission control.

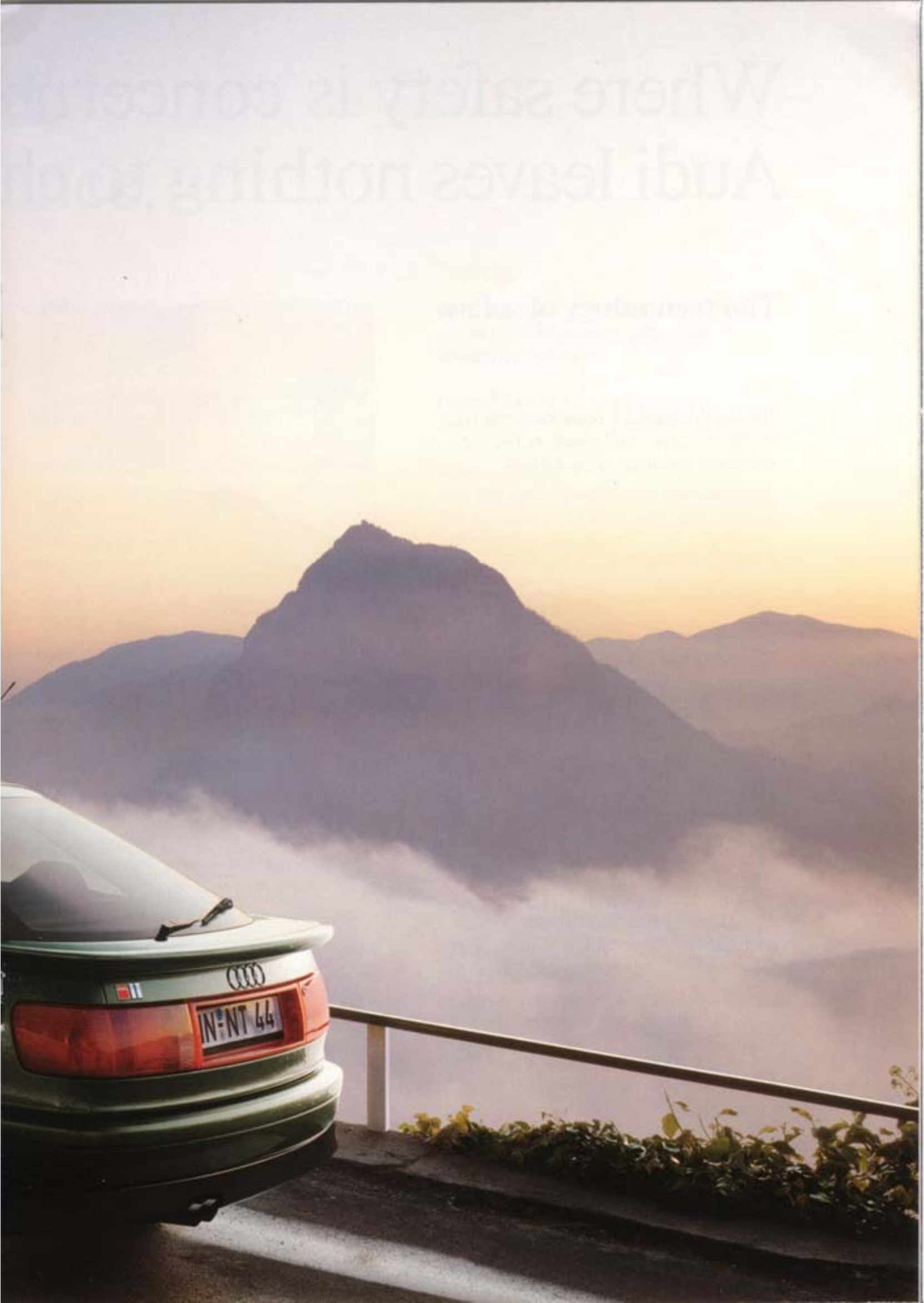
The manner in which the Audi Coupé S2 translates its power into motion is a revelation, as is the way it transmits its 230 bhp and 380 Newton metres of torque efficiently to the road thanks to quattro permanent four wheel drive.

Developed and refined over ten years of motorsport and road car use, the quattro system uses a torque sensing differential to automatically distribute power between all four wheels according to the relative grip available. In normal conditions, 25 per cent of power goes to each wheel, but in cornering or in slippery conditions, power can be instantly redistributed

between front and rear axles up to a ratio of 75:25 or 25:75, ensuring more predictable handling and virtually eliminating wheelspin.

Few cars offer such an intelligent solution to genuine high performance and the means to use it to best effect, with control and as safely as conditions allow.





Where safety is concerned
Audi leaves nothing to chance

Their concept of safety

is to make sure that

the car is always ready to

protect its passengers

in any situation

and in any weather

conditions

and in any circumstances

and in any situation

and in any weather

conditions

and in any circumstances

and in any situation

and in any weather

conditions

and in any circumstances

and in any situation

and in any weather

conditions

and in any circumstances

Where safety is concerned Audi leaves nothing to chance

The technology of safety.

The Audi Coupé S2 has extremely high levels of active safety built in. Its precisely set up chassis, instant

unprecedented levels of passive safety to protect occupants in a collision.

It begins with the basic construction of the body and chassis and here the particularly strong, rigid frame is a vital contributor to crash resistance. The science of crash management is all



responses, the traction and grip advantage of quattro four wheel drive and ABS anti-lock brakes, can all help the avoidance of some accidents in the first place.

But with modern traffic conditions and the high performance potential of the Audi Coupé S2, Audi also build in

Procon-Ten tensions the seat belts and pulls the steering wheel away from the danger area.

about absorbing the energy of an impact within the car's structure, while allowing the occupants to decelerate at a slower and safer rate. Passengers sit in a rigid "safety cell", while front and rear ends have been designed to crumple in a predictable, progressive

d,
ance.



A sturdy rod framework in the doors can double the resistance in certain side-collisions.

manner in head on, offset, angled or rear end collisions.

Protection against side impacts consists of robust cross members at the level of the dashboard and at floor level between the front and rear seats, an extra strong central pillar and high strength reinforcement built into all doors.

A car as technically advanced as the Audi Coupé S2, from a maker with safety so high on its list of priorities, is bound to incorporate new ways to better protect occupants in the event of a serious collision.

The standard Procon-Ten safety system reduces the risk of one of the greatest sources of driver injury in severe front end collisions caused by the head hitting the steering wheel.

Even with efficient modern seatbelt

systems, there is a risk that the belt alone will not prevent excessive forward movement.

Procon-Ten reduces this risk by tensioning the front seatbelts at the moment of impact and at the same time contracting the steering wheel into the dashboard out of the way of the forward and downward arc followed by the drivers head. The front seat passenger is also better restrained by the pre-tensioning of the seatbelt.

The system is activated in a frontal collision at relative speeds above 15 mph and uses the controlled deformation of the vehicle and the programmed rear movement of the engine block for its energy source.

Procon-Ten (derived from Programmed Contraction of the steering wheel and Tensioning of the seatbelts) is a patented Audi invention and not available from any other car maker in the world.

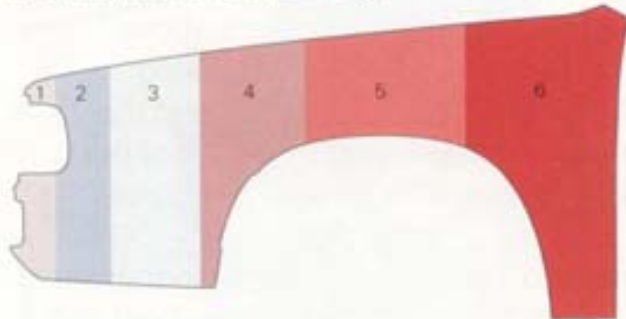
Driver airbag is also now available as a cost option. With this item of equipment the front seatbelts remain pre-tensioned but the contraction of the steering wheel is replaced by the cushioning effect of the airbag.

The Audi S2 will provide motoring pleasure.

The Craftsmanship.

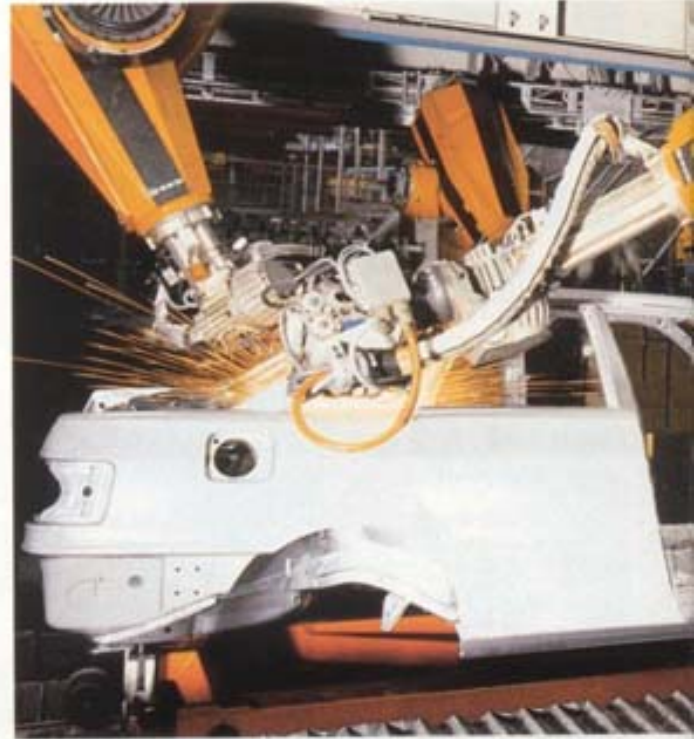
For all the emphasis on advanced technology, Audi has an equal commitment to excellence of design and manufacture, using only quality materials and techniques to ensure that you can go on enjoying your car for years to come.

Audi is, for example, the only major manufacturer to build bodywork entirely from fully zinc galvanised steel.



*The Audi paintwork process with six stages:
1. Bodyshell steel; 2. Zinc layer; 3. Zinc phosphate layer; 4. KTL priming; 5. Stonechip protective filler; 6. Final coat, with clear varnish for metallic paint.*

Compared with ordinary steel, zinc galvanisation ensures exceptional protection against long term corrosion. Even if stone chips or damage succeeds in penetrating all of the paint layers and exposes bare metal, the zinc sacrificially corrodes leaving the steel



still intact. Zinc also corrodes up to ten times more slowly than steel.

It is a measure of the confidence of Audi in the value of zinc galvanisation, that every Audi model is offered with a ten year body protection warranty.

It is, however, far from the only measure taken to ensure the durability of an Audi against the elements.

Particularly vulnerable areas, such as the edges and seams of body panels, door hinges and engine mounts, are

longer lasting



Advanced manufacturing processes ensure a superb finish.

further protected with an epoxy resin or PVC sealant. The entire underbody is coated in PVC sealant, all internal cavities are wax-flooded and plastic liners fitted in the wheel arches.

The Audi paint process is one of the most complete of any car manufacturer and comes with a three year warranty against defect.

In all, the process involves no fewer than 27 individual preparation and

painting operations and five coats of primer, undercoat, stone chip protection and topcoats before final assembly commences.

Throughout manufacture Audi is committed not only to producing the highest quality but to do so in an environmentally responsible manner. A whole range of measures have been introduced to eliminate the use of harmful substances, to recycle waste and to conserve energy.

When you drive an Audi you can be confident that it was made with care in every sense.



The extensive paint process:

1. Washing and degreasing the bodyshell.



2. A zinc phosphate layer to aid adhesion.



3. Dip priming.

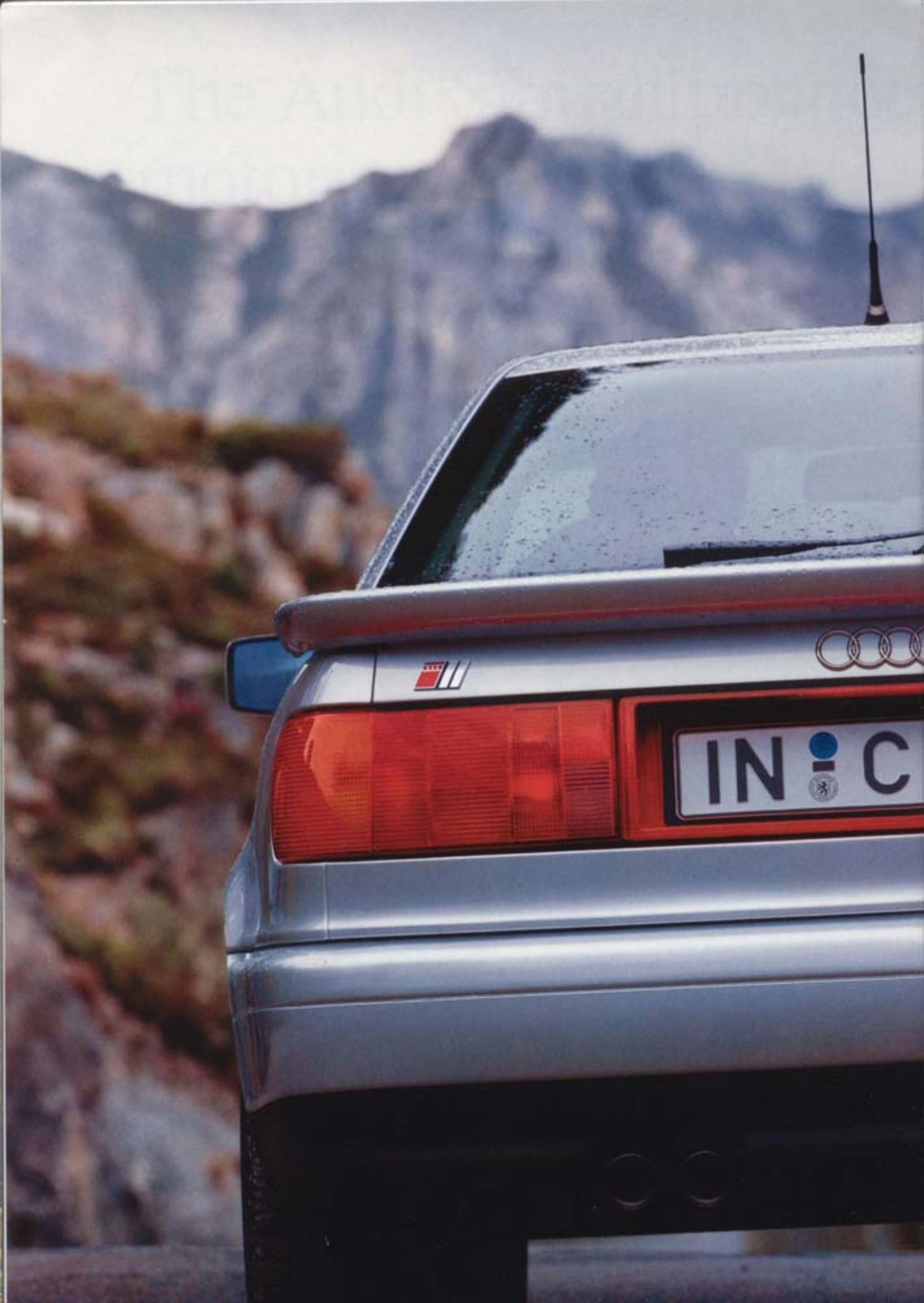


4. Application of the paint in several coats.



5. Hot wax flooding for protection of cavities and seams in the floor area.

The Audi





56

Intelligent technology.

Responsible manufacturing.

The first German car company to be granted a licence for catalytic converter technology, Audi were also, in 1989, first to specify 100 per cent fitment of 3-way converters for the UK.

The sophisticated modern engine management systems fitted to all Audis significantly reduce exhaust emissions and save fuel.

In production great effort is also being made to reduce environmental impact. At Audi plants in Ingolstadt and Neckarsulm, millions of gallons of water are extracted, used and returned to local rivers, cleaner than it started. Extensive energy saving programmes, including the use of giant heat exchangers to recycle electricity, are already in place.

In manufacture, harmful chemicals are increasingly eliminated where an alternative exists. The body protection process, for example, now uses solvent free wax; cadmium, lead and other heavy metals have been eliminated from paint; no asbestos is used in

clutch nor brake linings and no ozone threatening CFC gasses are used in foam padding for seats nor trim.

New manufacturing processes are being developed constantly. The latest method of hardening crankshafts has recently eliminated the annual use of a tonne of cyanide.

Audi is also pioneering the recycling of cars, both in developing the logistics of future large scale return and re-use of cars and in the present design of cars for ease of recycling. All plastic parts used by Audi are already code stamped to allow their separation and constituent identification when the car reaches the end of its life.

The use of zinc galvanised steel means that an Audi will both last longer and eventually more steel will be recoverable for reuse. Even the zinc will be almost entirely reclaimed.

Current models have also started to use recycled materials where appropriate. The protective battery cover is the first production item in the world to be manufactured from 100 per cent recycled plastic, recovered from previously scrapped car bumpers.



The Audi Back-up Services.

1 year mechanical warranty

There is a 1 year warranty, with no mileage limit on all Audi cars. It is valid throughout the world. With this warranty we believe we give you more than just proof of quality, we provide you with assurance that you made the right choice.

10 year body protection warranty

Audi bodywork carries a 10 year warranty against corrosion. Special rust-proofing treatment of internal body section and panels, applied at the time of manufacture, guards against through-rusting from the inside. Should this occur during the warranty period rectification will be made free of charge and is not subject to compulsory inspections as with other "anti-corrosion" guarantees. Full details of this warranty system are available from your Audi dealer.

3 year paintwork warranty

This warranty, which is unmatched by any other major manufacturer, really provides you with the widest possible cover on any new car.

There are no special conditions attached and paintwork defects will be rectified under guarantee provided these are not caused by owner neglect or lack of care.

20,000 Mile Service Intervals

For a customer with under 10,000 miles a year: An **Inspection Service** (which includes an oil change) is required every 12 months, and a **Major Service** is needed only at intervals of 20,000 miles.

For higher mileage customers: In addition to the above, a lubrication service will be required every 10,000 miles.

"ON CALL"

Every new Audi is registered in the Audi "ON CALL" emergency service for one year. In the unlikely event that there is a problem with the vehicle "ON CALL" provides free roadside assistance; vehicle recovery; car hire or alternative transport home or hotel accommodation; legal advice and other benefits.

To extend cover beyond the first year all that is necessary is to have the vehicle serviced at an authorised dealer in keeping with the service schedule and have any necessary repairs found at that time corrected by the dealer. Each annual or 20,000 mile service will then attract re-registration within the scheme, valid until the next service is due. This facility is made available for the first six years of the vehicle's life. For full details please contact your dealer and ask for an "ON CALL" brochure.

Extended warranty option

A comprehensive extended warranty scheme protects against mechanical failure for one or two years beyond the manufacturer's warranty period. Separate brochures give full details.

Audi Finance

A range of credit facilities are available to the purchaser of Audi vehicles and may assist you to acquire the model of your choice. From the innovative Audi Solutions to the traditional Hire Purchase, a package to suit your requirements is available. Payment protection plans are available to look after your payments in the event of sickness, accident or redundancy. For full details and written quotations please contact your dealer.

Audi Insurance

Motor insurance specially tailored for Audi owners is available. For a quotation without obligation ring Audi Insurance on **Linkline** 0345 616161.

Audi Solutions

Solutions is a new approach for both the private user and company car driver, who now wish to operate a vehicle themselves, within a highly flexible motoring package.

Finance, Service, Maintenance, Tyres, Road Tax and even Motor Insurance

can be provided to deliver a fully budgeted programme, spreading the cost and gaining greater peace of mind.

Audi Leasing and Financial Services

Contract Hire, and Audi Solutions, are just two of the products and services available to meet both the needs of the business user and the private motorist. Business related products expand from Contract Hire to encompass Fleet Management, Sale and Leaseback, Public Sector and N.H.S programmes, to name but a few. Please contact your dealer for full details.

Tax Free Sales

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, please contact Tax Free Sales, P.O. Box 1000, Blakelands, Milton Keynes MK14 5NS. (Telephone 0908 601111).

Recommended Paintwork and Upholstery Combinations.

Audi Coupé S2		Standard Paintwork	H1	P1	Metallic Paintwork								Special Paintwork			
		Laser Red	Alpine White	Amethyst Grey pearl effect	Indigo pearl effect	Crystal Silver	Emerald pearl effect	Volcano Black pearl effect	Ruby Red pearl effect	Titan	Brilliant Black	Pearl White metallic	Brilliant Blue			
		B2	C2	C6	M6	W9	X6	Z6	A2	C9	E8					
Jacquard Satin/Fascia																
Anthracite/Anthracite	TX	1	1	1	1	1	1	1	1	1	1	3	1			
Platinum/Platinum	TZ	1	1	1	1	1	1	1	1	1	1	3	1			
Leather/Fascia																
Ecru/Anthracite	TJ	2	2	2	2	2	2	2	2	2	2	4	2			
Anthracite/Anthracite	TX	2	2	2	2	2	2	2	2	2	2	4	2			

1 Interior upholstery and paintwork standard.

3 Interior upholstery standard. Paintwork at extra cost.

Note: the colours cannot be reproduced exactly in print. Your Audi dealer will be able to assist you further if required.

2 Interior upholstery at extra cost. Paintwork standard.

4 Interior upholstery and paintwork at extra cost.

Interior Upholstery.

Jacquard Satin.



Anthracite

TX



Platinum

TZ

Leather.



Ecru

TJ



Anthracite

TX

Paintwork.

Standard Paintwork.



Laser Red

H1



Alpine White

P1

Metallic Paintwork.



Amethyst Grey pearl effect

B2



Indigo pearl effect

C2



Crystal Silver

C6



Emerald pearl effect

M6



Volcano Black pearl effect

W9



Ruby Red pearl effect

X6



Titan

Z6

Special Paintwork.



Brilliant Black

A2



Pearl White metallic

C9



Brilliant Blue

E8

Audi Coupé S2.

Technical specification.



Audi Coupé S2

Audi Coupé S2

	169kW (230bhp)	
Engine & Transmission		
Engine type	5-cylinder DOHC Turbo	
Displacement cm ³	2226	
Bore/Stroke, mm	81.0/86.4	
Max. output kW(bhp)	169 (230)	
- at engine speed, revs	5900	
Max. torque, Nm(lb.ft) 95 RON	350 (258)/380 Nm - 98 RON	
- at engine speed, revs	1950/2100	
Compression ratio	9.3:1	
Mixture preparation	MH Motronic	
Transmission	manual 6-speed gearbox	
Dimensions		
Length, mm(ins)	4401 (173.3)	
Width, mm(ins)	1716 (67.6)	
Height, mm(ins)	1375 (54.1)	
Wheelbase, mm(ins)	2548 (100.3)	
Track, front, mm(ins)	1446 (56.9)	
rear, mm(ins)	1437 (56.6)	
Ground clearance, mm(ins)	101 (4.0)	
Turning circle, m(ft)	11.0 (36.1)	
Comfort length, mm(ins)*	1892 (74.5)	
Front elbow room, mm(ins)	1360 (53.5)	
Seating area m ² (ft ²)	2.57 (27.7)	
Luggage area, block measurement		
- Boot, l(ft ³)	232 (8.2)	
- Seat backrest folded, l(ft ³)	912 (32.2)	
Fuel tank capacity, l(imp. gal.)	70 (15.4)	
Wheel size	7.5J x 16	
Tyre size	205/55 R16Z	
Alternator, max. A	90	
Battery, V/A(A/h)	12V/300 (63)	
Weights¹		
Unladen weight, kg(lbs)	1525 (3363)	
Gross weight limit, kg(lbs)	1955 (4311)	
Axle load limits, front, kg(lbs)	1100 (2426)	
rear, kg(lbs)	950 (2095)	
Trailer load limits ^{2,3}		
- unbraked, kg(lbs)	640 (1411)	
- braked, 10% (1 in 10) gradient, kg(lbs)	1500 (3308)	
Top speed		
mph (Km/h)	154 (248)	
Acceleration		
0-62mph: 0-100Km/h, in secs	5.9	
Fuel consumption⁴		
acc. to Passenger Car Fuel Consumption Order 1983		
SUDC	MPG	L/100Km
@ 56mph: 90Km/h	20.2	14.0
@ 75mph: 120Km/h	37.7	7.5
Fuel	31.7	8.9
Min. octane number (Research Method)	Premium/Super unleaded 95/98	
*distance from accelerator pedal to rear seat backrest.		

Equipment Features

Exterior equipment

16ins alloys with 205/55 R16Z tyres
Heat insulating tinted glass
Colour-keyed door mirror housings and handles
Colour-keyed rear spoiler
Colour-keyed front and rear aprons
Wide body mouldings in body colour
Headlight washers
Rear wash-wipe
Ellipsoid headlights, with additional full beam lights
Integrated front fog lights
3 way catalytic converter with Lambda probe
Laminated windscreen
Heated twin-jet windscreen washers
Hazard warning lights
Side indicators
Twin tone horn
Reversing lights
Rear fog light
Heated rear window
Illuminated key
Gas filled bonnet stay

Interior equipment

Jacquard satin upholstery
Front sport seats
Assymmetrically split-folding rear seats
Head restraints front and rear
Leather sports steering wheel
Leather bound gear knob
Height adjustment on both front seats
Centre armrest at rear
Centre console
4 speed heating and ventilation system
Height adjustable front seat belts
Rear seat belts with centre retractable lap belt
Lumbar support
Auto check
On-board, multi-function computer
Instruments with light grey faces
Rev counter
Oil temperature gauge
Oil pressure gauge
Battery voltage gauge
Quartz clock
Trip mileage recorder
Radio preparation, with six speakers
Velour carpeting
Lockable and illuminated glovebox
Front courtesy light, with interior light delay
Rear differential lock switch
Warning triangle (dealer supplied)
Electric headlight adjustment
Two speed windscreen wipers, with intermittent and flick-wipe facility
Illuminated vanity mirror on sun visors
Anti-dazzle rear view mirror
Passenger grab handles front/rear
Cigarette lighter/front ashtray illumination. Rear ashtray
Outside temperature display
Felt carpeting in boot

Main equipment

Procon-Ten safety system
Side impact protection
quattro permanent four wheel drive
Torsen centre differential
Lockable rear differential
Power steering
Electric front windows
Electrically operated and heated door mirrors
Electric, slide and tilt, steel sunroof
Avus design 7.5J x 16 alloy wheels
Central locking
Anti-lock braking system (ABS)
Anti-theft device with 3-way immobiliser
Lowered, sports suspension
Carbon inlay on dashboard/doors

Main optional extras

Air conditioning
Detachable tow bar
Driver airbag
Electric opening rear vent windows
Heated door locks
Heated front seats
Leather upholstery
Pearl white metallic paint finish
Reading lights
Remote control locking
Through-load facility (ski bag)
Wood trim inlay on dashboard/doors

Please consult dealer for full list of options.

Technical Information

5 cylinder Turbo (230 bhp)

Front in-line turbocharged engine with intercooler. 6 main bearing crankshaft. Alloy cylinder head. Dual overhead camshaft driven via toothed belt. 20 valves, hydraulic maintenance-free tappets. Twin 3 way catalytic converters with 'stereo' Lambda probes. Fuel vapour retention system.

An 'overboost' facility is featured on this engine, giving a short burst of manifold boost pressure to aid in certain overtaking situations should a driver consider it necessary. This increases torque to 380Nm, between 2100-4000 rpm. Please refer to owners' Instruction manual, or to your Audi dealer.

Fuel system:

Electronically controlled fuel injection system with selective knock control. Fully electronic ignition system. Self diagnosis with emergency running function.

Electrical Equipment:

12 volt system with alternator and low maintenance battery. Central electrical system.

Body:

Fully galvanised unitary construction all-steel body with deformation zones front and rear. Procon-Ten safety system with side impact protection.

Aerodynamics:

Cd of 0.29. Fitting of other equipment may change this figure slightly.

Transmission

Full synchromesh 6-speed manual gearbox. Single asbestos-free hydraulically operated clutch.

Permanent Four Wheel Drive:

Automatically locking "Torsen" inter-axle differential (balancing out front and rear axle drive) to integrated front axle differential and via propeller shaft to lockable rear axle differential.

Running Gear

Permanent Four Wheel Drive:

Independent suspension front and rear through coil springs with telescopic dampers. Wheel location front by MacPherson struts and lower wishbones. Track-stable steering geometry. Four joint trapezium arm rear axle. Front and rear anti-roll bars.

Steering:

Maintenance-free rack and pinion steering with power assistance. Safety steering column with disconnecting element. Procon-Ten safety system.

Wheels/Tyres:

Alloy 7.5J x 16 wheels. Steel radial ply tyres. Full size spare.

Braking System

Four Wheel Drive:

Dual circuit braking system (split between front and rear). Brake discs front and rear, brake servo, brake pressure regulator ABS.

Notes

1. Through extras the unladen weight for this vehicle can increase, possibly affecting the payload and top speed.
2. Max. nose weight on tow bar coupling 50kg (110lbs).
3. With increasing altitude, engine performance inevitably decreases. The permissible towing load and permissible total weight of the vehicle are reduced by 10% for every 1000m above sea level.
4. Depending on driving style, road and traffic limitations, environmental factors and vehicle condition the fuel consumption figures may deviate from those quoted.
5. The alloy wheels depicted on the front cover are not available in the UK.

The specifications given in this publication apply to the 1994 Audi Coupé S2 and are correct at the time of printing. However, subsequent product changes may occur and therefore the current specification should be checked through your Audi dealer.

Issued: September 1993

26-

120/1195.62.25 - Printed in Germany - Subject to change without notice - 8/93

