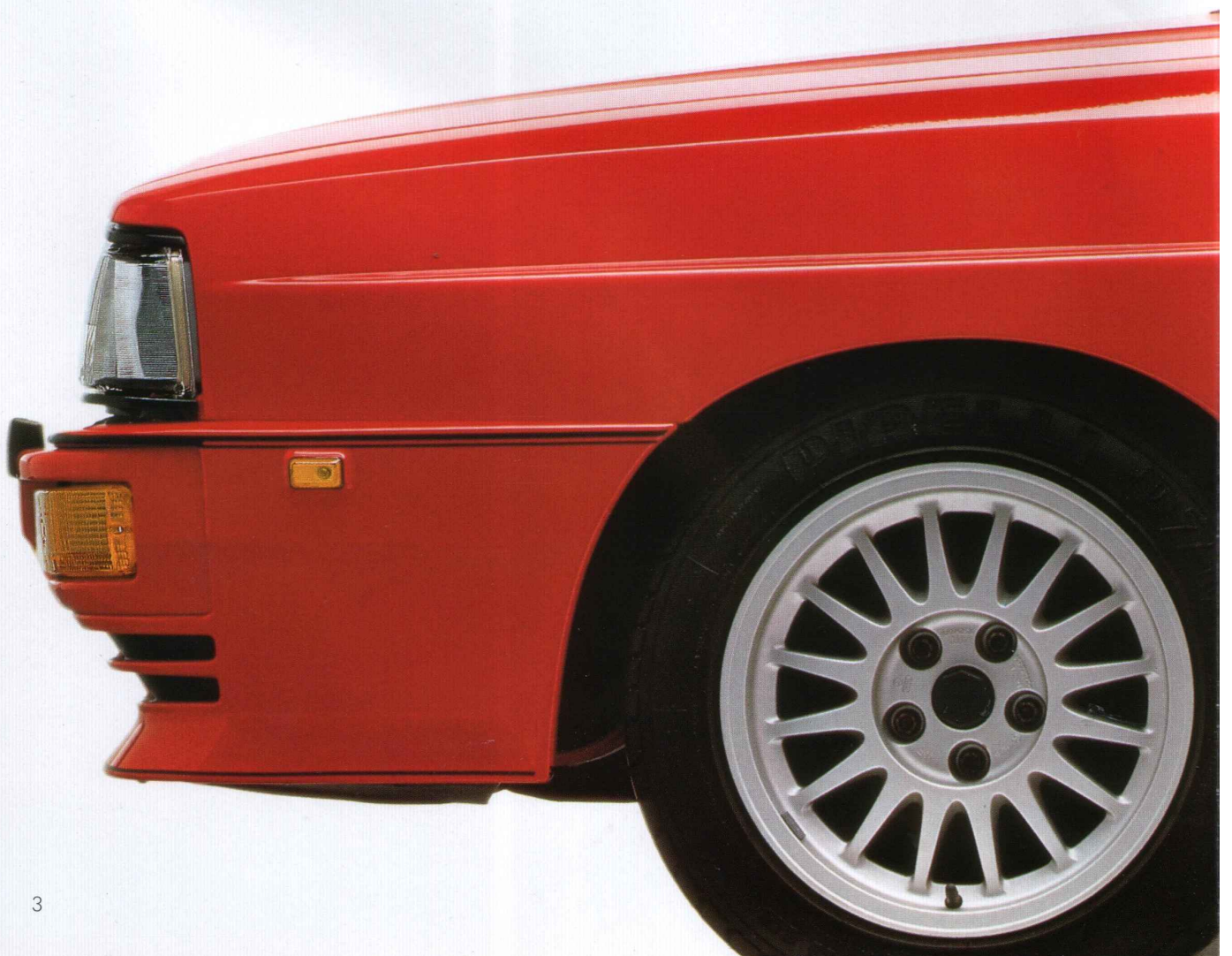


Audi quattro.

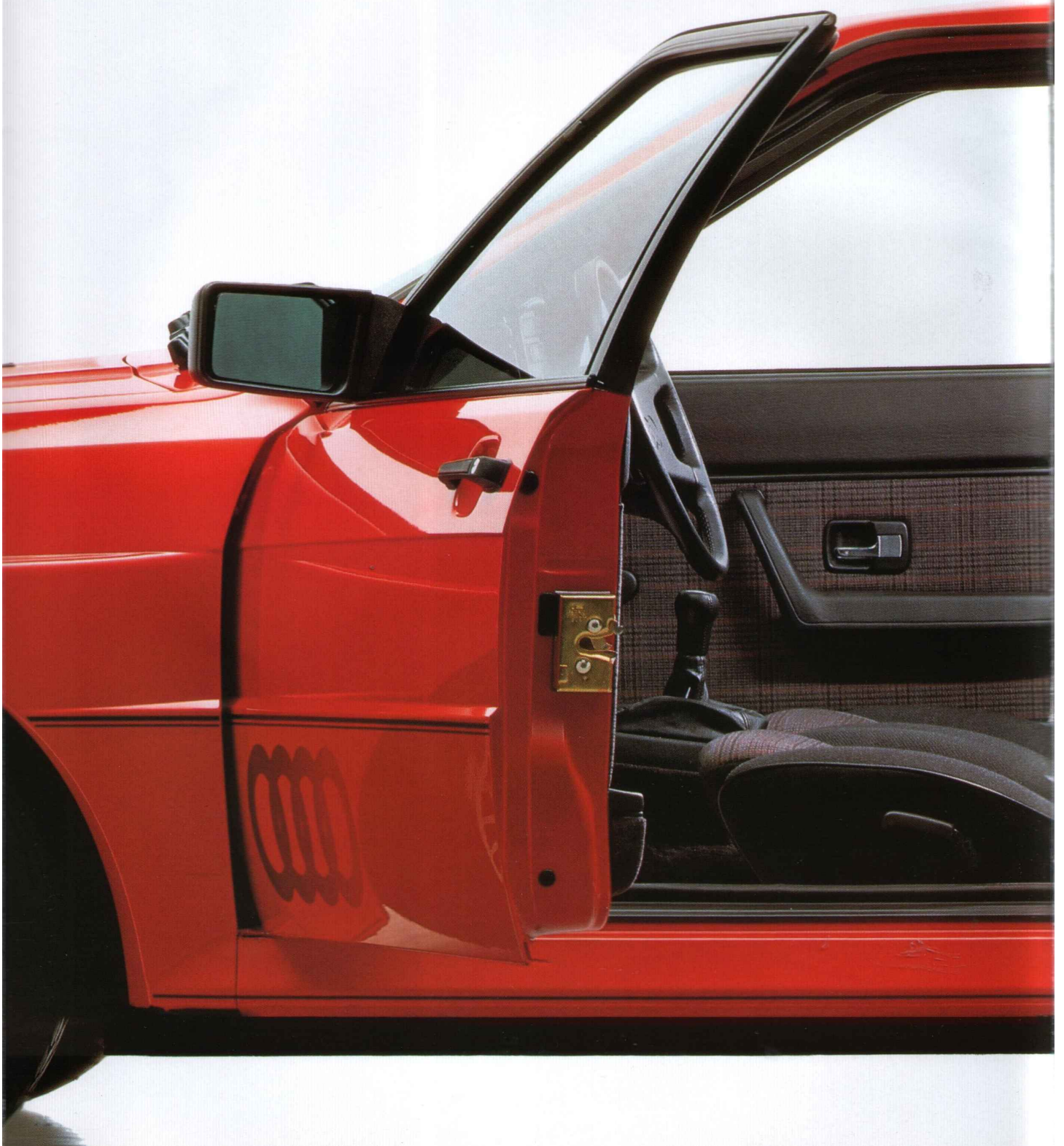
Audi quattro.  
One of the few truly  
original cars.

Audi quattro.  
Superior technology for better  
road performance.



The Audi quattro's superior technology has given a new impulse to driving pleasure. This sporting car cannot be compared with any other. What makes it so different from other fast and potent cars is permanent all-wheel drive. On the Audi quattro, all four wheels are driven all the time.

To achieve this, Audi had to break new ground at the technical development stage. Until now, all-wheel drive systems have usually had a conventional rear-wheel design as their starting point, with complex engineering in the form of an additional drive shaft and gearbox output needed when extending the driveline to



the front wheels. The Audi design team decided to adopt the basic front-wheel drive principle used on Audi cars for more than 50 years. The standard gearbox was modified to accommodate a second differential and an output to the rear wheels. The result is an engineering masterpiece of compact design, with a minimum

of additional components and extra weight. Audi's superior all-wheel drive technology helps motorists to adopt a relaxed driving style in command of whatever situation may arise. Power transmission to the road is through all four wheels at all times; changeover to front- or rear-wheel drive alone is neither

possible nor necessary. This even distribution of power almost completely eliminates wheelspin. The all-wheel drive concept also has a positive influence on braking: constant drive to all four wheels helps to prevent a single wheel from locking. Braking is made safer still by the antilock braking

system (ABS), which is standard equipment. This system ensures the shortest possible braking distance while maintaining directional stability and permitting the car to be steered. The combination of ABS and permanent all-wheel drive provides a high degree of active safety.



Now there is a new technical step forward, which makes the quattro system even more unique, the new Torsen inter-axle differential, which locks up automatically to precisely the required grip. Before the wheels on one axle can start to spin, the Torsen differential redistributes more of the engine power to the other set of wheels.

In normal driving conditions this split ranges from 75:25 (front/rear) 25:75 (front/rear). The Torsen differential does not exert any locking effect when unloaded, this characteristic allows the normal use of ABS, unlike other manual systems. A driver-operated rear-axle differential lock provides effective

assistance for pulling away in extremely difficult conditions. At speeds above 15 mph (25 km/h) the differential lock is automatically disengaged and the ABS system is reinstated. This new advance, integrated to the quattro four-wheel-drive system offers a concept that gives even greater safety under all conditions.



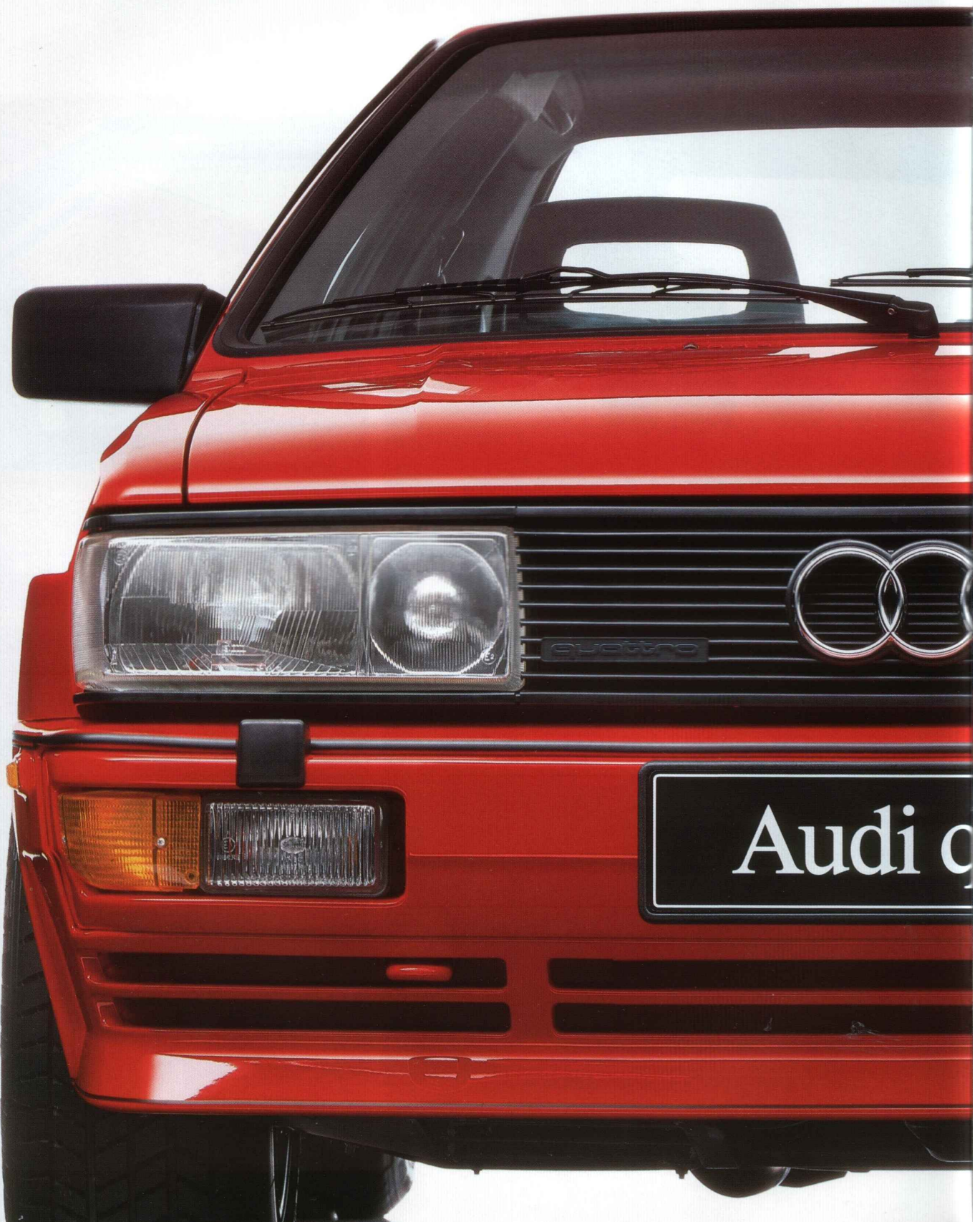
The Audi quattro has written a new chapter in automobile history, adding new significance to all-wheel drive technology. It is simply no longer there to provide improved traction for off-road driving; thanks to Audi, all-wheel drive has acquired its true status as an efficient solution to everyday driving problems. The Audi quattro, with permanent all-wheel drive and Torsen inter-axle differential is an impressive demonstration of how superior

technology can encourage an exemplary driving style. Road grip is second to none. The Audi quattro remains eminently safe and mobile on dry and wet roads, slippery surfaces, icy slopes, rough tracks, snow and gravel. Compared with two-wheel drive cars of roughly the same engine output, the four driven wheels of the Audi quattro provide up to 2.25 times more traction on ice and up to 1.66 times more on wet roads. This extra grip can be of

decisive significance in situations where active safety is vital. Spectacular sporting successes are also convincing arguments in favour of Audi quattro technology: the 1982 manufacturers' world rally championship, the 1983 rally drivers' world championship, and the 1984 manufacturers' world rally championship. With the quattro, Audi has introduced a new dimension to driving.

Audi quattro.  
In its most potent form:  
2.2 litres, 5 cylinders, 200 bhp.

The impressive wedge-shaped outline of the Audi quattro clearly reveals its competition origins. Large front and rear spoilers emphasise the car's sporting appearance and contribute towards its excellent handling characteristics at high speeds. The Audi quattro has one of the



most powerful standard five-cylinder engines on the market: with its exhaust-driven turbocharger, output is 147 kW (200 bhp) and top speed 222 km/h (138 mph). Lusty acceleration: from 0 to 100 km/h (0-62 mph) in an impressive 6.7 seconds. This advanced power

unit has a number of technical refinements for higher output without undue complexity. There is an additional radiator for example, which lowers the charge air temperature by 50 – 60°C. This means that the incoming air is of greater density, to ensure a better supply of

oxygen to the combustion chambers. The advantages are increased output and efficiency, with lower temperatures and improved reliability under load. The additional radiator, the electronic transistorized ignition with programmed-characteristic control system, in fact every

detail of this high-performance car is functional and efficient, built to classic Grand Touring standards, and perfectly reflected in its trim and its dynamic outlines.



Audi quattro.  
A rally-proven high-  
performance suspension system.



The Audi quattro's advanced, high-performance suspension matches the car's performance potential in all respects; wheel location, spring rates and damper characteristics have been tested in a succession of rallies and modified to perfection. As a result, the four wheels, with their independent spring struts and triangulated lower wishbones, always maintain excellent contact with the road surface. 215/50 VR 15 tyres are standard,

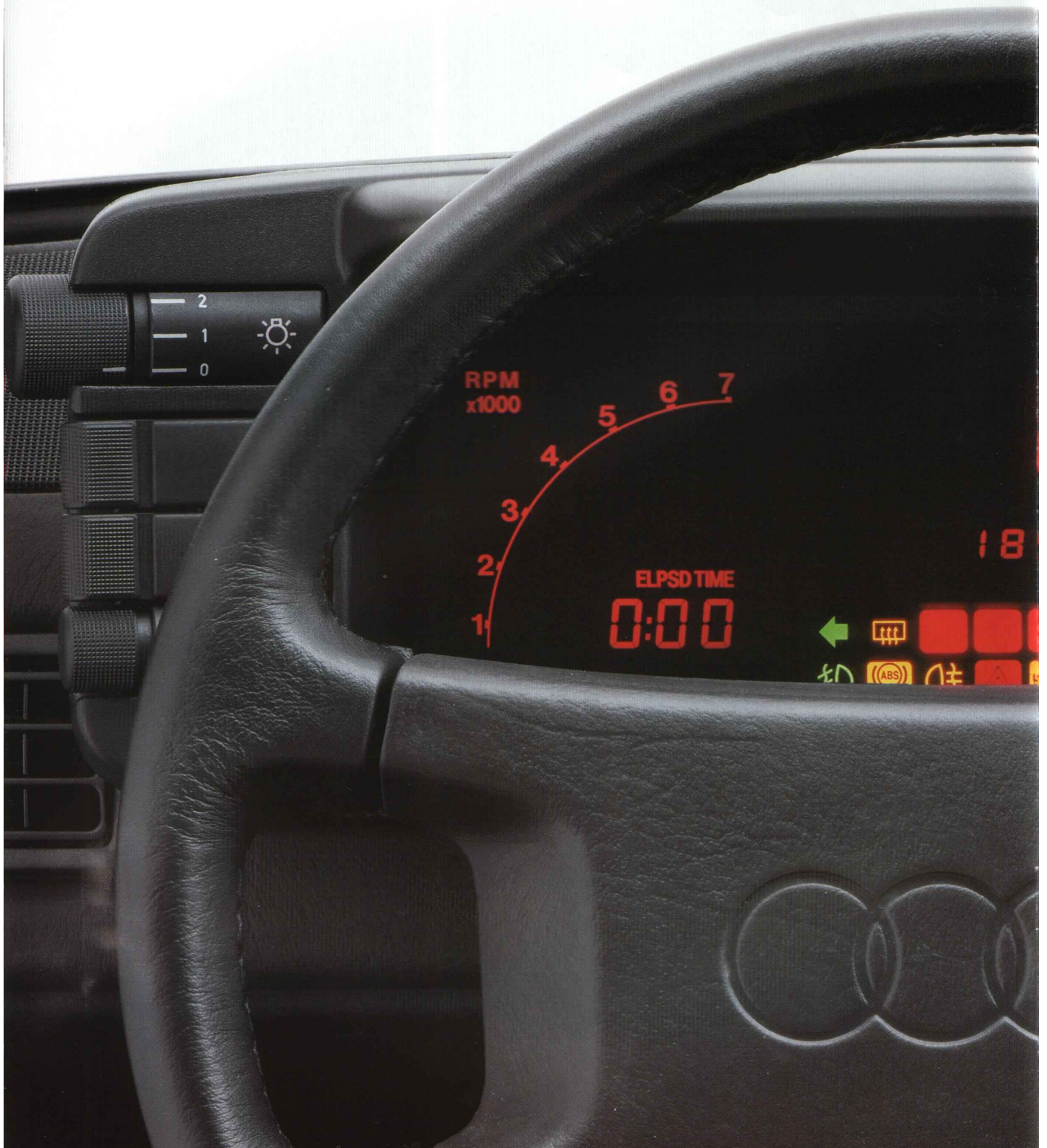
on 8 J x 15 light-alloy wheels, and in conjunction with permanent all-wheel drive permit vigorous acceleration with excellent cornering. Power assistance to the steering varies according to engine speed, so that low-speed steering effort is reduced, for example when parking, but good road "feel" is still maintained at high speeds. The ABS system ensures consistently excellent braking performance and is a standard feature. Even when the

brakes are applied hard, the car can still be steered under perfect control, since a microcomputer prevents the wheels from locking. The sum of all these technical details provides the Audi quattro driver with safety standards unknown in the past. Driving this car is incomparable to any other.



# Audi quattro. The car that informs.

In the Audi quattro, data on all important systems is shown clearly by a new kind of instrument display. For the first time, road speed, time and remaining fuel are shown digitally. The electronic display of engine speed, boost pressure, and coolant temperature keeps you right up-to-date with the



latest information. An integrated in-car computer provides additional information: current fuel consumption, average speed, average consumption and range, for example. All switches and controls are well arranged around the leather-covered four-spoke steering wheel, within easy reach even when wearing the

seat belt. The integrated heater elements in the two electric remote control door mirrors ensure a clear view even at temperatures below freezing.



# Audi quattro.

## Technical details and equipment.

<b>Engine</b>	5-cylinder inline engine mounted longitudinally at front, with 6 main bearings, light-alloy cylinder head, head, toothed belt drive to overhead camshaft and bucket-type tappets. Closed-circuit, pressurized water cooling system with pump, radiator, header tank and electric-motor driven fan controlled by thermostat. Mechanically-controlled fuel injection system. Oil cooler. Exhaust-driven turbocharger (max. boost pressure 0.85 bar at 3500/min) and charge air inter-cooler. Electronically controlled idle-speed stabilising. Dynamic oil pressure control.	<b>Wheels and tyres</b>	Four 8 J x 15 light alloy wheels. 215/50 VR 15 steel radial-ply tyres. 4 J x 15 temporary spare wheel
<b>Displacement</b>	2.2 litres (2226 cm <sup>3</sup> ), compression ratio 8.6 to 1	<b>Body</b>	Unitary-construction all-steel body with impact absorbing zones at front and rear
<b>Output</b>	147 kW (200 bhp) to DIN standard at 5800/min engine speed	<b>Top speed</b>	222 km/h (138 mile/h)
<b>Max. torque</b>	270 Nm (210 lb. ft) at 3000/min	<b>Acceleration (at half payload)</b>	0 – 80 km/h (50 mile/h): 4.7 s 0 – 100 km/h (62 mile/h): 6.7 s
<b>Electrical equipment</b>	12 V, 300 Amp (63 Ah) battery of low-maintenance type. Max. 90 Amp alternator, all-electronic transistorized ignition with charge air temperature monitoring and programmed-characteristic control system.	<b>Fuel consumption</b>	Measured in accordance with German DIN 70030 Standard, Part 1. Values taken at a constant 90 km/h (56 mile/h) and 120 km/h (75 mile/h), and during a simulated typical urban driving cycle. – at 90 km/h (56 mile/h): 7.6 l/100 km (37.2 Imp. mile/gal) – at 120 km/h (75 mile/h): 9.7 l/100 km (29.1 Imp. mile/gal) – urban cycle: 13.4 l/100 km (21.1 Imp. mile/gal) <b>Note:</b> Depending on driving style, road and traffic conditions, environmental and climatic effects and the condition of the vehicle, actual consumption figures may deviate from these standard test results.
<b>Transmission</b>	Permanent all-wheel drive, with hydraulically operated single dry plate clutch, all-synchromesh five-speed gearbox. Torsen automatic interaxle differential. Driver operated rear axle differential lock. Differential lock is automatically disengaged at speeds above 15 mph (25 km/h) and ABS is re-engaged.	<b>Dimensions</b>	Wheelbase 2524 mm (99.4 in), track front/rear 1461/1494 mm (57.5/58.8 in), overall length/width/height 4404/1723/1344 mm (173.4/67.8/52.9 in), min. ground clearance 115 mm (4.5 in), interior length ('passenger comfort' dimension) x elbow room 1898 x 1378 mm (74.4 x 54.3 in) = seating area 2.62 m <sup>2</sup> (28.2 ft <sup>2</sup> ), turning circle app. 11.3 m (37 ft 1 in)
<b>High-performance suspension</b>	Suspension: spring struts with coil springs and integral telescopic dampers at front and rear, anti-roll bar at front. Wheel location: independent at front and rear, by spring struts and triangulated lower wishbones. Brakes: dual circuits (split between front and rear wheels); disc brakes all round, ventilated front discs. Hydraulic brake servo and pressure-sensitive brake force regulator. Antilock braking system (ABS)	<b>Weights</b>	Unladen weight 1300 kg (2866 lb), gross weight limit 1760 kg (3880 lb), front/rear axle loads 980/950 kg (2161/2094 lb), roof load limit 75 kg (165 lb) <b>Note:</b> Optional extras can increase the car's unladen weight, in which case the payload must be reduced accordingly.
<b>Steering</b>	Maintenance-free rack and pinion steering gear with hydraulic power assistance; safety steering column with disconnecting element.	<b>Fuel tank capacity</b>	90 litres (19.8 Imp. gal)
		<b>Luggage</b>	390 l (13.8 ft <sup>3</sup> ) according to customary measuring method with 50 mm (2 in) spheres; by VDA method with 200 x 100 x 50 mm (4 x 2 x 1 in) blocks: 330 l (11.6 ft <sup>3</sup> )

### Interesting equipment details

#### Exterior equipment

Laminated safety glass windscreen with green-tinted anti-glare strip  
Large integrated front spoiler  
Plastic-faced bumpers integrated into front and rear body end panels  
Light alloy wheels of spoked pattern  
Large rear spoiler in body colour  
Stainless steel exhaust system  
Side repeater indicators  
Removable sunroof

#### Interior equipment

Leather-covered 4-spoke safety steering wheel  
Leather gear shift lever knob and gaiter  
Sports front seats. Reclining  
Variable-height driver's seat  
Frame-type adjustable front seat head restraints  
Automatic-reel lap and diagonal front seat belts  
2 automatic-reel lap and diagonal rear seat belts with lap-only static belt for centre-rear passenger  
2 sun visors with illuminated make-up mirror on passenger's side  
Stowage compartment on driver's side

Lockable, illuminated glove box on passenger's side  
Door pockets  
1 front ashtray, 1 rear ashtray at right  
Front door armrests with integral door pulls  
Door and side trim with cloth insert

#### Operation equipment

Halogen headlights  
Halogen fog lights  
2 reversing lights  
Heated rear window  
Electrically-heated remote control driver's and passenger's door mirrors  
Electric windscreen washer system with two-speed wipers, flick-wipe setting  
Intermittent-action wipers and automatic wash-wipe  
Headlight cleaning system  
Rear window wash-wipe system  
Electronic indicator display  
In-car computer with the following information outputs:  
Actual time, journey time, average speed, average fuel consumption, current fuel consumption and range

Two-stage rotary knob with telltale lights for differential locks engaged  
Oil temperature gauge and voltmeter on centre console  
Stereo radio installations with cassette replay, 4 loudspeakers and power-driven aerial with electronic amplifier  
Separate luggage compartment light  
Power-assisted steering  
Antilock braking system (ABS)  
Long-life underseal for body, including wheel arches  
Body cavity protection treatment  
Front wheel arch linings  
Electrically-heated front seats  
Central door-locking system  
Green-tinted heat-insulating glass  
Electric window lifts

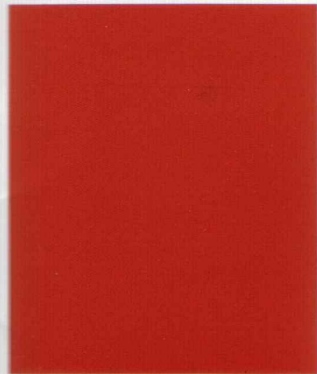
#### Principle options at extra charge

Leather trim

Your V.A.G dealer will gladly advise you on other extras to help you obtain a car precisely to your own personal taste.

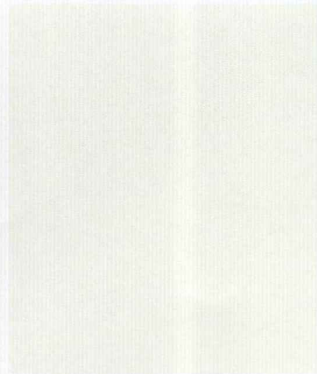
# Seat upholstery and colours.

## Standard exterior paintwork.



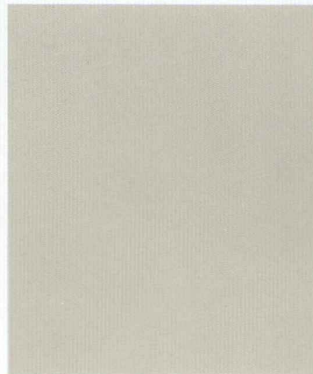
Tornado red

G2



Alpine white

P1



Zermatt silver metallic

L1



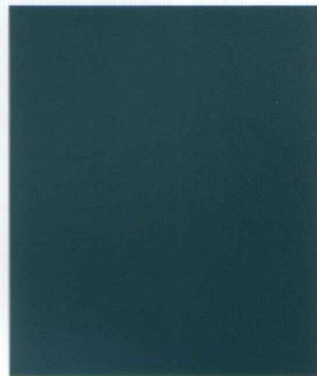
Saint black metallic

Q1



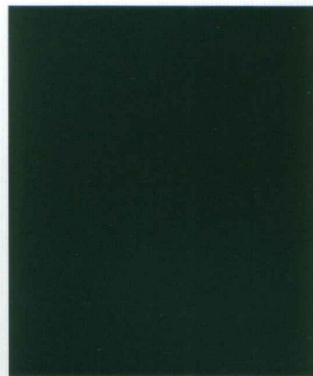
Nautical blue metallic

Q2



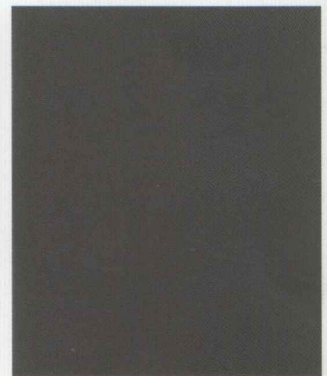
Lago metallic

Q6



Nile green metallic

Q7



Stone grey metallic

U8

## Cloth seat uph., Eton flannel



Titian red

W4



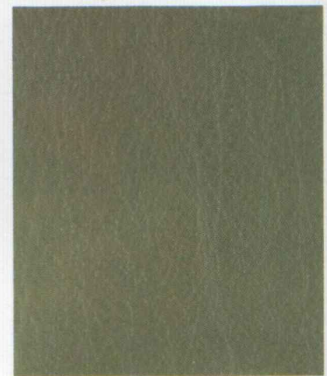
Graphite

ZN



Graphite

YN



Platinum

TW

## Real leather seat upholstery, at extra charge



Mother-of-pearl effect

9019



Not available for quattro



Real leather upholstery – colour of your choice

15

The printing process cannot render the true depth and brilliance of the paintwork or the attractive textures of the upholstery. Your local V.A.G. dealer can show you actual samples of the paintwork and fabrics.

With us the service  
does not end  
with the sale.

**The advanced 1-year warranty.  
Unlimited 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 a proof of quality. We give you the assurance that you made the right choice. The 1-year warranty has worldwide validity.

**6 year body protection  
warranty.**

Audi bodywork carries a 6 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 new introduction, 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 customer: In addition to the above a lubrication service will be required every 10,000 miles for petrol engined cars and 5,000 miles for diesel models.

**Free vehicle recovery service.**

Every Audi comes with a standard recovery service, to cover you in the unlikely event of a breakdown during the first year of ownership.

**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.

**A wide service network.**

There is a wide network of Audi service stations around the globe. 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. All this ensures a long life and high resale value for your Audi.

**Trained personnel.**

The personnel of the Audi companies, service managers, mechanics, 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.**

The Audi service includes a well-organized Parts Service. Guaranteed, high-standard exchange units undergo stringent inspection at the factory.

**Financing, insurance, leasing.**

The Audi service may include financing, insurance and leasing for your car. Your Audi dealer will be pleased to give you information on the availability of these services.

**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. (Telephone 01 486 8411)

Vorsprung durch Technik.



At your V.A.G. dealer.