

Audi 5000 S
Audi 5000 S Avant
Audi 5000 CD Turbo

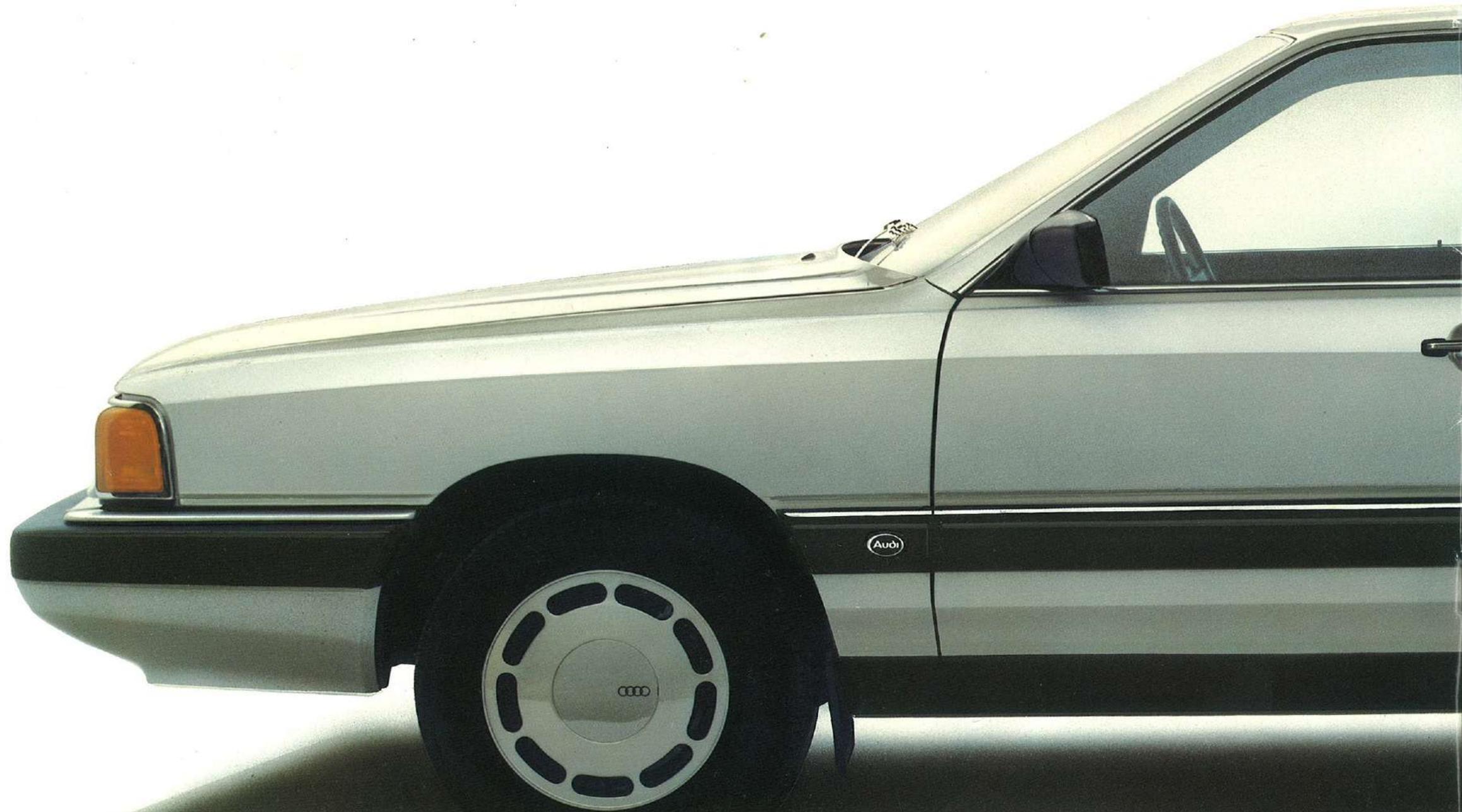


The Audi 5000 series: modern classics

For 60 years Audi has challenged and surpassed the accepted standards of automotive excellence. The Audi 5000 series represents the height of this achievement. It is both a legacy of Audi's heritage and a demonstra-

tion of Audi's formula for the future. Audi's advanced use of aerodynamics and superior engineering techniques have culminated in the creation of a large vehicle capable of athletic performance and enviable efficiency.

Each member of the Audi 5000 series is a complete luxury touring sedan possessing the unmistakable qualities of sophisticated German technology. Each is a careful fusion of style, balanced performance, and driving comfort.



The demanding driver will find nothing lacking in the 5000 series. The Audi 5000S, 5000S Avant, and 5000CD Turbo. Clear demonstrations of paramount automotive values. Unique in appearance; progressive in technology;

meticulous in craftsmanship and quietly elegant in luxury. Each motorcar in the Audi 5000 series is, in the truest sense of the phrase, a modern classic.



Eluding an invisible force

Any solid body moving through air meets with a degree of resistance or "air drag" and must therefore use part of its energy to overcome this invisible force.

At highway speeds, a vehicle uses the greatest part of its horsepower to counteract drag forces. Audi designers have created an exterior shape that meets the air with knife-edge precision, thereby decreasing the 5000's drag resistance and increasing its propulsive efficiency. Even the untrained eye will immediately single out the Audi 5000S as a vehicle unique amongst all others. Every gentle contour, every sweeping line is a study in aerodynamic precision. To achieve such unparalleled aerodynamics, every detail is perfectly coordinated with the vehicle's overall shape.

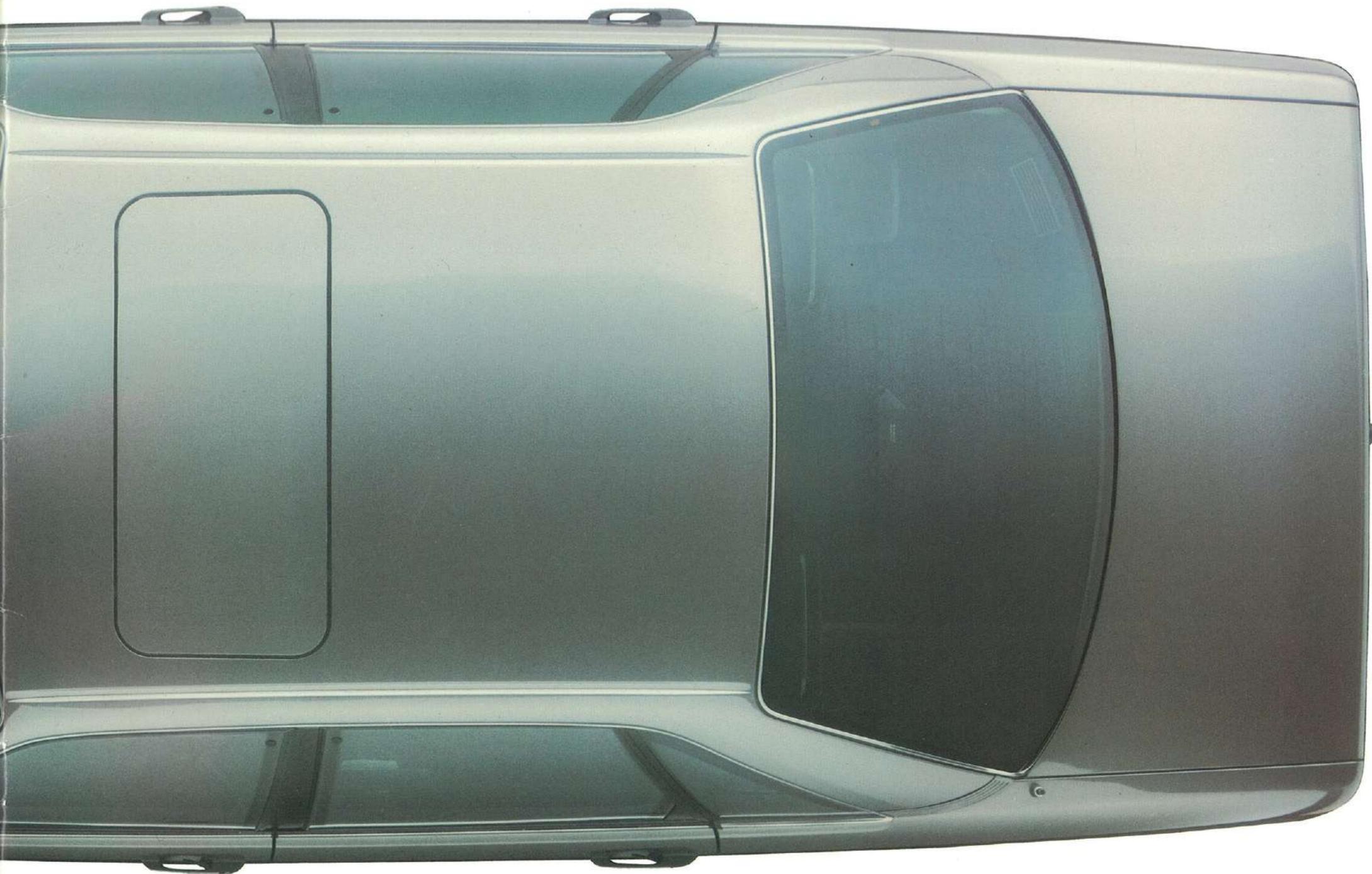
At the front end, an integral air dam and inclined air-entry grille meet the wind with minimal resistance. Following that, a long, gently up-swept hood flows back to a steeply raked windscreen mounted flush with the roof line. A unique guide mechanism for the side windows produces

flush-mounted glass, creating a smooth transition to the roof and dramatically reducing wind noise. The rear profile is raised to enhance the aerodynamic wedge-shape. A breakaway spoiler has been integrated into the rear apron to reduce negative pressure areas. As well, the undercarriage has been smoothed to minimize ground effects. The unflared wheel arches and disc-smooth light alloy wheels with hidden bolts and recessed air valves create a minimum of turbulence and drag. Even the side mirrors are aerodynamically faired. On the road, the remarkable aerodynamics of the 5000 series produce a luxury motorcar with uncanny riding quiet and impressive fuel efficiency.



The aerodynamic shape is the result of extensive wind tunnel testing. Even side mirrors have been aerodynamically optimized to reduce wind noise and contribute to the vehicle's overall efficiency.





Precisely engineered
for the total
driving experience

In a motorcar of high calibre, quality can only be measured against the total driving experience—performance, efficiency, reliability and safety. The Audi 5000S meets these criteria with ease. Beneath its elegant lines, the 5000S is powered by Audi's unique 2.2 litre five-cylinder fuel injected engine. Throttle response

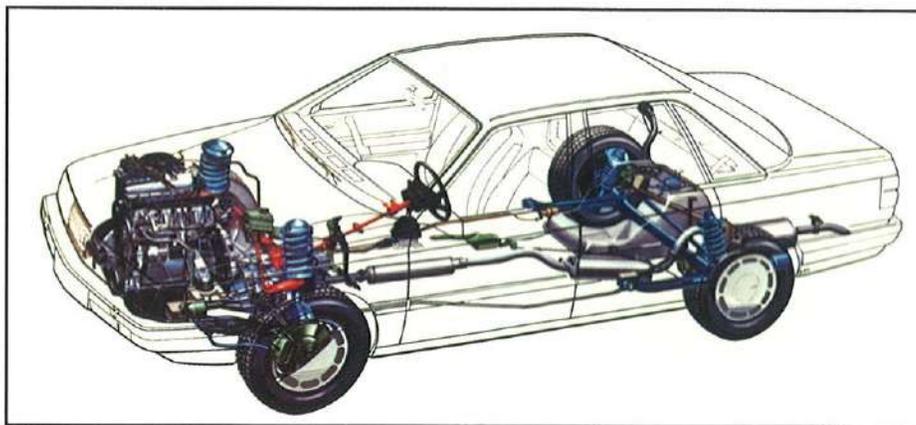
is immediate. The 5000S delivers 110 horsepower of precision performance. The use of front-wheel drive—an Audi hallmark for over 50 years—imparts excellent traction and directional stability. A braking system designed around disc brakes at front and rear provides the driver with utmost control. A suspension geometry

based on MacPherson struts up front and a torsion crank axle at the rear produces positive road contact at all times. Every Audi is built to meet the most stringent standards of durability. For instance: the entire body/chassis is galvanized with a coating of zinc to resist corrosion. Extensive use of high strength alloy metals



is found throughout the 5000 series to reduce weight, increase structural rigidity and to further enhance resistance to corrosion.

Examine the Audi 5000 S. Elegantly styled, superbly engineered, impeccably fashioned. Measure for measure the 5000 S guarantees the total driving experience.



The 5000 S 5-cylinder fuel injected gasoline engine—unique to Audi—develops 110 horsepower at 5500 rpm. A torsion crank rear axle provides solid road contact and a controlled, comfortable ride at all times while communicating even subtle variations in road surface to the driver.





Inner space: an expression of functional luxury.

To own an Audi is to enjoy a satisfaction and sense of well-being rarely experienced in any automobile. Everything is aimed at creating a comfortable, uncluttered environment. Seats are upholstered in rich velour to keep passengers warm in winter, cool in summer.

Seating has been anatomically optimized to reduce stress and discomfort on long or short trips. Raised side bolsters are designed to cradle occupants through corners. 10-way power adjustable front seats provide the "fine tuning" required by any passenger. The driver's seat has a memory function which can be programmed

to instantly recall up to four different seat configurations. Special instrumentation includes the Auto-Check System which monitors 12 of the vehicle's vital functions. The centre console houses a digital climate control. The driver merely programmes the desired setting to maintain a constant interior environment. Outside temperature

is displayed at the push of a button. The Audi 5000S expresses a unique luxury; a luxury which perfectly unites form and function in the manner expected of a German luxury sedan.



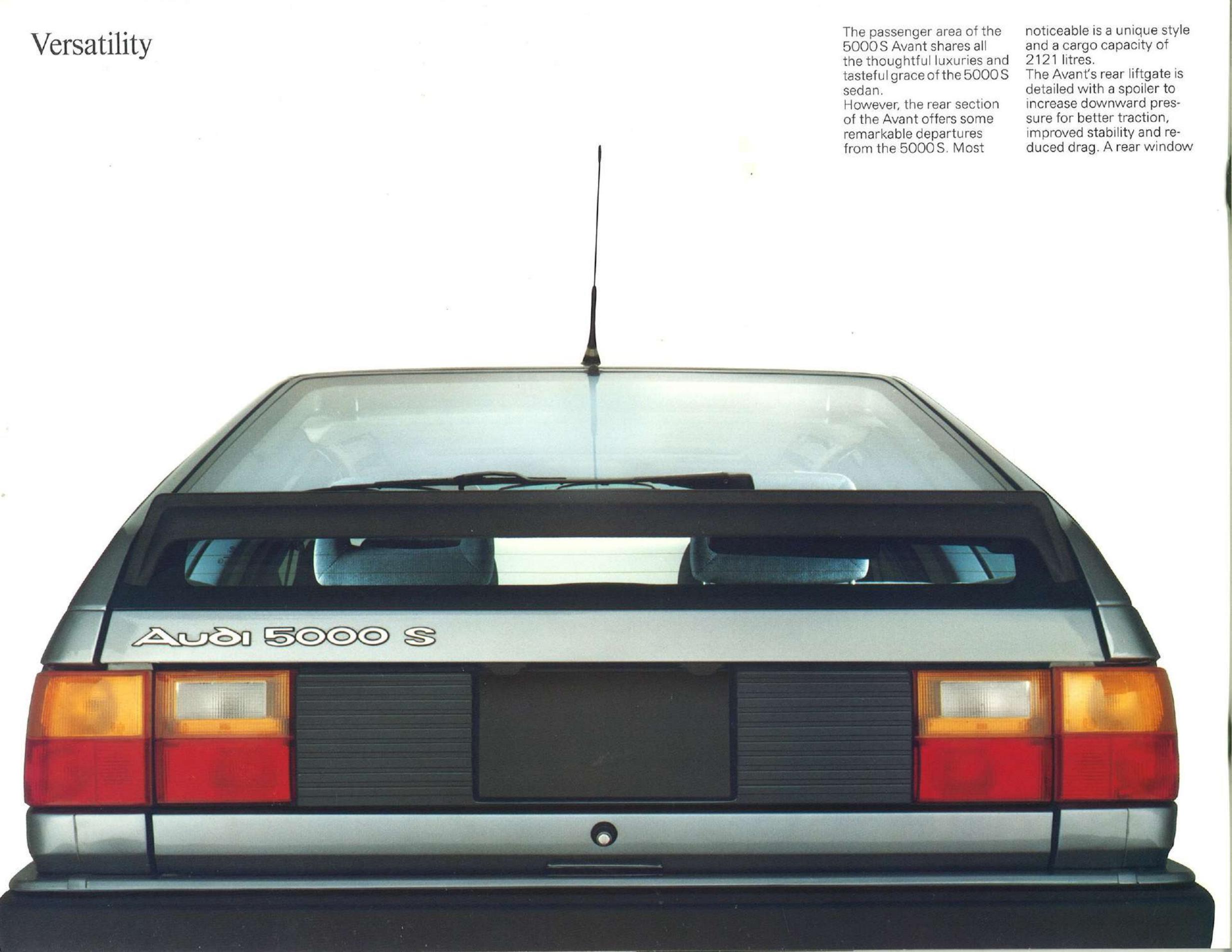
Versatility

The passenger area of the 5000S Avant shares all the thoughtful luxuries and tasteful grace of the 5000S sedan.

However, the rear section of the Avant offers some remarkable departures from the 5000S. Most

noticeable is a unique style and a cargo capacity of 2121 litres.

The Avant's rear liftgate is detailed with a spoiler to increase downward pressure for better traction, improved stability and reduced drag. A rear window

A rear view of a silver Audi 5000 S Avant. The car is centered in the frame against a plain white background. The rear window is visible, showing the interior seats. Below the window, the trunk lid features the "Audi 5000 S" badge in a stylized font. The rear bumper is dark, and the taillights are prominent, with red and amber sections. A thin antenna is visible on the roof.

Audi 5000 S



wiper/washer is a standard feature. The liftgate's hinges are assisted by gas struts for smooth, light operation. The liftgate opens to bumper height to facilitate loading and unloading.

Inside, the 5000S Avant is designed for maximum versatility. There's ample space for five adults. The rear seat folds forward in two separate sections, so there's room for passengers even when you're carrying cargo. An additional compartment is concealed under the rear security cover. To handle additional load capacity, the Avant's suspension system is modified with specially calibrated springs and shock absorber valving.

Maximum versatility. The rear seat is split into 1/3 and 2/3 sections. Both sections fold forward—together or separately. 4 seating configurations can be adapted for passengers, cargo or both. Maximum usable space is 2121 litres (74.9 cu. ft.). Additional space is concealed under the rear security cover.

5000 CD Turbo: the discreet performer

Powered by one of the most potent engines available in contemporary sedans, the CD Turbo seemingly belies its high performance capabilities. The style is a discreet understatement. CD Turbo performance begins with a unique

5-cylinder, fuel injected engine, perfected and manufactured exclusively by Audi. A water-cooled, exhaust-driven turbo-charger with an air-charge intercooler is designed expressly for the CD Turbo's powerplant, boosting output to an impressive 158

horsepower at 5500 rpm. Top speed is approximately 200 km/h. Despite its power, the CD Turbo is by no means unmanageable. The true beauty of this motorcar comes with the knowledge that a reserve of power can be summoned by the

driver at will. Without hesitation, the CD Turbo responds with power to accelerate and overtake. Notwithstanding its impressive performance, the CD Turbo is an efficient vehicle. By nature, turbocharging produces extra power without increasing engine size.





Audi has refined its turbo engine to the highest degree. The result is well-balanced performance and surprising fuel efficiency. Of course, there's rack and pinion steering, MacPherson strut front suspension and a torsion crank axle at the rear. Specially calibrated

springs and shocks are added to the CD Turbo to create a sport suspension package. All four wheels have power-assisted disc brakes. The front discs are ventilated to dissipate braking heat. 15-inch disc-smooth light alloy wheels with 205/60 steel belted

radial tires provide positive traction over almost any road surface. The CD Turbo is a car for the serious driver. Tastefully styled and discreetly endowed with power to perform.



The CD Turbo interior: poised for luxury and performance

When Audi designs a "turbo", everything blends with the image a "turbo" commands: the highest degree of efficiency, luxury and performance. Special instrumentation unique to the CD Turbo

includes a digital turbo-boost gauge and Audi's trip computer. At the touch of a button, the driver can call up select information such as average fuel consumption; kilometres remaining on fuel in

reserve; average speed; elapsed trip time, plus several other readings. Like every 5000, the CD Turbo is equipped with digital climate control to maintain a constant interior environment. Patterned velour trim has



been chosen for the CD Turbo seats. Rich genuine leather is available as a special order at extra cost. The front seats have 10-way power adjustments and the driver's seat has a programmable memory func-

tion which can instantly recall up to four different seat configurations. Front and rear seats are electrically heatable. The CD Turbo is equipped with a 4-speaker premium AM/FM stereo cassette Sound

System with electronic tuning, a seek/scan feature, Automatic Music Sensor on tape mode, digital time/frequency display and a power antenna. A dual headphone receptacle is provided in the rear

parcel shelf. Even if you're a driver who will rarely unleash the power of the 5000 CD Turbo, think of all the other luxuries that make it one of the most satisfying cars to own.



Standard Features and Equipment

Audi 5000S

UNDER THE HOOD

- Front-wheel drive
- Transistorized electronic breakerless ignition with idle stabilization
- Five-cylinder fuel injected OHC gasoline engine, 110 hp SAE net
- Power-assisted rack and pinion steering
- Power-assisted, pressure regulated, ventilated disc brakes at front, solid discs at rear
- Cruise control with resume feature
- Dual tone horn
- Choice of 3-speed automatic transmission, or 5-speed manual transmission at no additional cost

EXTERIOR

- 185/70 SR 14 steel belted radial tires
- 6J x 14 light alloy wheels
- Aerodynamic halogen headlamps
- Integrated front air dam
- Integrated rear break-away spoiler
- Body side mouldings with integrated protective side door beams
- Power remote controlled heatable outside mirrors, left and right
- Power antenna

INTERIOR

- Fully automatic digital climate control air conditioning
- Outside air temperature display
- Four-spoke sport steering wheel
- Illuminated passenger vanity mirror
- Power windows, front and rear
- Power sunroof, tilt and retractable
- Auto-Check System (monitors 12 vehicle functions)
- Instrumentation: fuel gauge, speedometer/odometer, trip odometer, tachometer, digital LCD quartz chronometer, coolant temperature gauge, Upshift Indicator Light (manual transmission only)
- Cigarette lighters (1 front, 2 rear)
- Three-speed windshield wipers with intermittent setting
- Power central door/trunk locking system
- Electric rear window defroster
- Day/night rear view mirror
- Tinted glass all around

- 10-way power adjustable, fully reclining front bucket seats
- Programmable 4-position memory function on driver's seat
- Thermostatically controlled, electrically heatable front seats
- 3-point lap/shoulder inertia type seat belts, front and rear outboard positions
- Open frame style headrests, adjustable front and rear
- Fold-away passenger assist handles with integrated courtesy lights, front and rear
- AM/FM premium stereo cassette Sound System with 4 speakers and electronic tuning including digital time/frequency display, pre-set tuning memory, seek/scan feature and Automatic Music Sensor on tape mode
- Dual headphone receptacle for rear seat passengers
- Fold-away rear seat centre armrest with ski sack integrated into seat back
- Courtesy light in luggage compartment
- Space saver spare tire

Audi 5000S Avant

UNDER THE HOOD

- Front-wheel drive
- Transistorized electronic breakerless ignition with idle stabilization
- Five-cylinder fuel injected OHC gasoline engine, 110 hp SAE net
- Power-assisted rack and pinion steering
- Power-assisted, pressure regulated, ventilated disc brakes at front, solid discs at rear
- Cruise control with resume feature
- Dual tone horn
- Choice of 3-speed automatic transmission, or 5-speed manual transmission at no additional cost

EXTERIOR

- 185/70 SR 14 steel belted radial tires
- 6J x 14 light alloy wheels
- Rear liftgate with gas struts
- Rear window wiper washer
- Roof-mounted antenna
- Aerodynamic halogen headlamps
- Integrated front air dam
- Rear spoiler
- Integrated rear break-away spoiler
- Body side mouldings with

- integrated protective side door beams
- Power remote controlled heatable outside mirrors, left and right

INTERIOR

- Fully automatic digital climate control air conditioning
- Outside air temperature display
- 1/3, 2/3 folding rear seat
- Concealed luggage compartment
- 2121 litres of cargo space
- Four-spoke sport steering wheel
- Illuminated passenger vanity mirror
- Power windows, front and rear
- Power sunroof, tilt and retractable
- Auto-Check System (monitors 12 vehicle functions)
- Instrumentation: fuel gauge, speedometer/odometer, trip odometer, tachometer, digital LCD quartz chronometer, coolant temperature gauge, Upshift Indicator Light (manual transmission only)
- Cigarette lighters (1 front, 2 rear)
- Three-speed windshield

- wipers with intermittent setting
- Power central door/hatch locking system
- Electric rear window defroster
- Day/night rear view mirror
- Tinted glass all around
- 10-way power adjustable, fully reclining front bucket seats
- Programmable 4-position memory function on driver's seat
- Thermostatically controlled, electrically heatable front seats
- 3-point lap/shoulder inertia type seat belts, front and rear outboard positions
- Open frame style headrests, adjustable front and rear
- Fold-away passenger assist handles with integrated courtesy lights, front and rear
- AM/FM premium stereo cassette Sound System with 4 speakers and electronic tuning including digital time/frequency display, pre-set tuning memory, seek/scan feature and Automatic Music Sensor on tape mode
- Space saver spare tire

1986 Fuel Consumption Figures*

Audi 5000 S	5-speed manual gasoline	3-speed automatic gasoline
Combined (L/100 km)	11.0	11.8
City (L/100 km)	13.1	13.2
Highway (L/100 km)	8.5	9.8

*Estimated ratings based on Transport Canada approved test methods. Your actual fuel consumption may vary.

1986 Fuel Consumption Figures*

Audi 5000 S Avant	5-speed manual gasoline	3-speed automatic gasoline
Combined (L/100 km)	11.0	11.8
City (L/100 km)	13.1	13.5
Highway (L/100 km)	8.5	9.6

*Estimated ratings based on Transport Canada approved test methods. Your actual fuel consumption may vary.

Audi 5000 CD Turbo

UNDER THE HOOD

- Front-wheel drive
- All-electronic digital ignition with knock sensor and boost control
- Five-cylinder fuel injected OHC gasoline engine with turbocharger and air-charge intercooler, 158 hp SAE net
- Power-assisted rack and pinion steering
- Power-assisted, pressure regulated, ventilated disc brakes at front, solid discs at rear
- Cruise control with resume feature
- Dual tone horn
- Choice of 3-speed automatic transmission, or 5-speed manual transmission at no additional cost

EXTERIOR

- 205/60 VR 15 steel belted radial tires
- Unique 6 x 15 light alloy wheels
- Aerodynamic halogen headlamps
- Integrated front air dam
- Integrated rear break-away spoiler
- Body side mouldings with integrated protective side door beams
- Power remote controlled heatable outside mirrors, left and right
- Power antenna
- Rear reflective panel

INTERIOR

- Fully automatic digital climate control air conditioning
- Outside air temperature display
- Auto-Check System (monitors 12 vehicle functions)
- Trip computer
- Four-spoke leather-wrapped sport steering wheel
- Illuminated passenger vanity mirror
- Power windows, front and rear
- Power sunroof, tilt and retractable
- Instrumentation: digital turbo-boost gauge, fuel gauge, speedometer/odometer, trip odometer, tachometer, digital LCD quartz chronometer, coolant temperature gauge
- Cigarette lighters (1 front, 1 rear)
- Three-speed windshield wipers with intermittent setting
- Power central door/trunk locking system
- Electric rear window defroster
- Day/night rear view mirror
- Tinted glass all around
- 10-way power adjustable, fully reclining front bucket seats

- Programmable 4-position memory function on driver's seat
- Thermostatically controlled, electrically heatable front and rear seats, (pressure sensitive activation on rear seats)
- Cassette storage compartment between front seats
- 3-point lap/shoulder inertia type seat belts, front and rear outboard positions
- Open frame style headrests, adjustable front and rear
- Fold-away passenger assist handles with integrated courtesy lights, front and rear
- AM/FM premium stereo cassette Sound System with 4 speakers and electronic tuning including digital time/frequency display, pre-set tuning memory, seek/scan feature and Automatic Music Sensor on tape mode
- Dual headphone receptacle for rear seat passengers
- Rear seat map pockets
- Fold-away rear seat centre armrest with ski sack integrated into seat back
- Courtesy light in luggage compartment
- Space saver spare tire



Auto-Check System



Digital climate control with outside air temperature display in °C or °F



Front and rear passenger assist handles with integrated courtesy lamps



Aerodynamically designed light alloy wheels

The Audi Card



Probably the most important standard feature ever included in an automobile.

With the purchase of every new Audi comes the Audi Card*. Simply stated, for three years from date of delivery in Canada you, the owner, are responsible for fuel, insurance, reasonable care and normal operation. Naturally, you'll have to bring your Audi to an authorized Audi dealer for prescribed maintenance inspections, but the cost of this and virtually everything else will be Audi's

responsibility. As you would expect, the Audi Card covers the engine, drive train, axles, air conditioner and electrical system. What you may not expect is that it also covers scheduled oil changes, filters, tires, maintenance services, towing if necessary and even a courtesy car for overnight repairs. And you also receive full membership in the CAA (Canadian Automobile Association) with all the services that association provides.

It pays for virtually everything but your fuel 3 years/Unlimited mileage.

The only things The Audi Card does not cover are damages resulting from racing and rallying; accident, fire and theft; customized alterations; misuse and neglect etc. Clearly, some restrictions are required for unusual circumstances. Complete details about The Audi Card are available

from your Audi dealer. Your new Audi is the product of advanced technology and superb engineering. The Audi Card is proof of our confidence in your new motorcar. It's one of Audi's most comforting standard features, even if you never use it...and especially if you do.

*The Audi Commercial Card is made available for vehicles used for taxi, limousine, and courier services, police forces, and driving instruction.

1986 Fuel Consumption Figures*

Audi 5000 CD Turbo	5-speed manual gasoline	3-speed automatic gasoline
Combined (L/100 km)	**	**
City (L/100 km)	**	**
Highway (L/100 km)	**	**

*Estimated ratings based on Transport Canada approved test methods. Your actual fuel consumption may vary.

**Not available at time of printing.

1986 Technical Data

Engine

Type and No. of cylinders

Bore and stroke
Displacement
SAE net hp @ rpm
SAE net torque @ rpm
Compression ratio
Fuel system

Fuel requirement
Fuel capacity
Oil capacity
Battery
Alternator
Type of ignition
Catalyst

Drive Train

Type

Clutch
Manual transmission

Automatic transmission

Gear ratios:
(manual)
(automatic)

Final drive:
(manual)
(automatic)

Chassis

Body

Front suspension

Rear suspension

Braking system

Parking brake

Rim size

Tire type/size

Steering system

Turning circle (approx.)

Dimensions

Overall length
Overall width
Overall height (unladen)
Track front
Track rear
Wheelbase
Ground clearance (loaded)
Trunk/cargo capacity (VDA measure)

Audi 5000S/5000S Avant

Four-stroke, five cylinders in line, in front of front axle tilted to right, crankshaft with six main bearings, spur-belt overhead camshaft, water-cooled, thermostatically controlled electric fan, pressure oil feed with gear-type pump and full flow oil filter

81.0 mm x 86.4 mm/3.18 in. x 3.40 in.
2.2 L/135.8 cu. in.
110 hp @ 5500 rpm
122 ft. lbs. @ 2500 rpm
8.2:1
CIS-Electronic injection system

Unleaded
80.0 L/17.6 imp. gal.
4.5 L/4.0 imp. qts.
12V/63 Amp./h
90 Amp. max.
Transistorized electronic (breakerless) with idle stabilizer
3-way catalyst, oxygen sensor

Front-wheel drive with two constant velocity joints per drive shaft
Hydraulic actuation, single disc, dry
Synchronized, 5-speed and bevel gear differential in one housing with final drive, reverse gear fully synchronized
Hydrodynamic torque converter and planetary gearing with three forward gears and one reverse

3.60/2.13/1.36/0.97/0.73/R 3.50
2.71/1.50/1.00/R2.43

4.90
3.45

All steel unitized body/chassis, fully galvanized, passenger compartment designed as safety cell, front and rear ends designed to absorb impact energy

Independent MacPherson struts with coil springs and stabilizer bar, negative steering roll radius

Torsion crank axle with Panhard rod; suspension struts with shock absorbers and coil springs

Power-assisted, pressure regulated, dual diagonal hydraulic system, ventilated disc brakes at front, solid discs at rear
Mechanical, effective on rear wheels

6J x 14 light alloy

185/70 SR 14 steel belted radials

Power-assisted rack and pinion steering with maintenance-free tie rods

10.42 m, 34.19 ft. (curb-to-curb)

	cm	inch
Overall length	489.4	192.8
Overall width	181.4	71.5
Overall height (unladen)	141.4	55.7
Track front	146.8	57.8
Track rear	146.7	57.8
Wheelbase	268.6	105.8
Ground clearance (loaded)	12.4	4.9
Trunk/cargo capacity (VDA measure)	5000S—570 L, 20.14 cu. ft. 5000S Avant—2121 L, 74.9 cu. ft.	

Audi 5000CD Turbo

Four-stroke, five cylinders in line, in front of front axle tilted to right, crankshaft with six main bearings, spur-belt overhead camshaft, water-cooled, thermostatically controlled electric fan, pressure oil feed with gear-type pump and full flow oil filter, aluminium alloy cylinder head

81.0 mm x 86.4 mm/3.18 in. x 3.40 in.
2.2 L/135.8 cu. in.
158 hp @ 5500 rpm
166 ft. lbs. @ 3000 rpm
7.8:1
CIS injection system, exhaust-driven turbocharger with air-charge intercooler

Unleaded
80 L/17.6 imp. gal.
4.5 L/4.0 imp. qts.
12V/63 Amp./h
90 Amp. max.
Digital electronic with knock sensor
3-way catalyst, oxygen sensor

Front-wheel drive with two constant velocity joints per drive shaft
Hydraulic actuation, single disc, dry
Synchronized, 5-speed and bevel gear differential in one housing with final drive, reverse gear fully synchronized
Hydrodynamic torque converter and planetary gearing with three forward gears and one reverse

3.60/2.13/1.36/0.97/0.73/R3.50
2.71/1.50/1.00/R2.43

3.89
3.25

All steel unitized body/chassis, fully galvanized, passenger compartment designed as safety cell, front and rear ends designed to absorb impact energy

Independent MacPherson struts with coil springs and stabilizer bar, negative steering roll radius

Torsion crank axle with Panhard rod; suspension struts with shock absorbers and coil springs

Power-assisted, pressure regulated, dual diagonal hydraulic system, ventilated disc brakes at front, solid discs at rear
Mechanical, effective on rear wheels

6J x 15 light alloy

205/60 VR 15 steel belted radials

Power-assisted rack and pinion steering with maintenance-free tie rods

10.42 m, 37.7 ft.

	cm	inch
Overall length	489.4	192.8
Overall width	181.4	71.5
Overall height (unladen)	142.0	55.9
Track front	146.8	57.8
Track rear	146.9	57.8
Wheelbase	268.6	105.8
Ground clearance (loaded)	13.7	5.4
Trunk/cargo capacity (VDA measure)	570.0 L, 20.14 cu. ft.	

For 1986 fuel consumption data, please see Standard Features page in this catalogue.

Every new Audi is covered by a six year corrosion perforation warranty, regardless of distance driven.

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