

The Audi 100 Avant.





Please note that front seat head restraints are an optional extra.

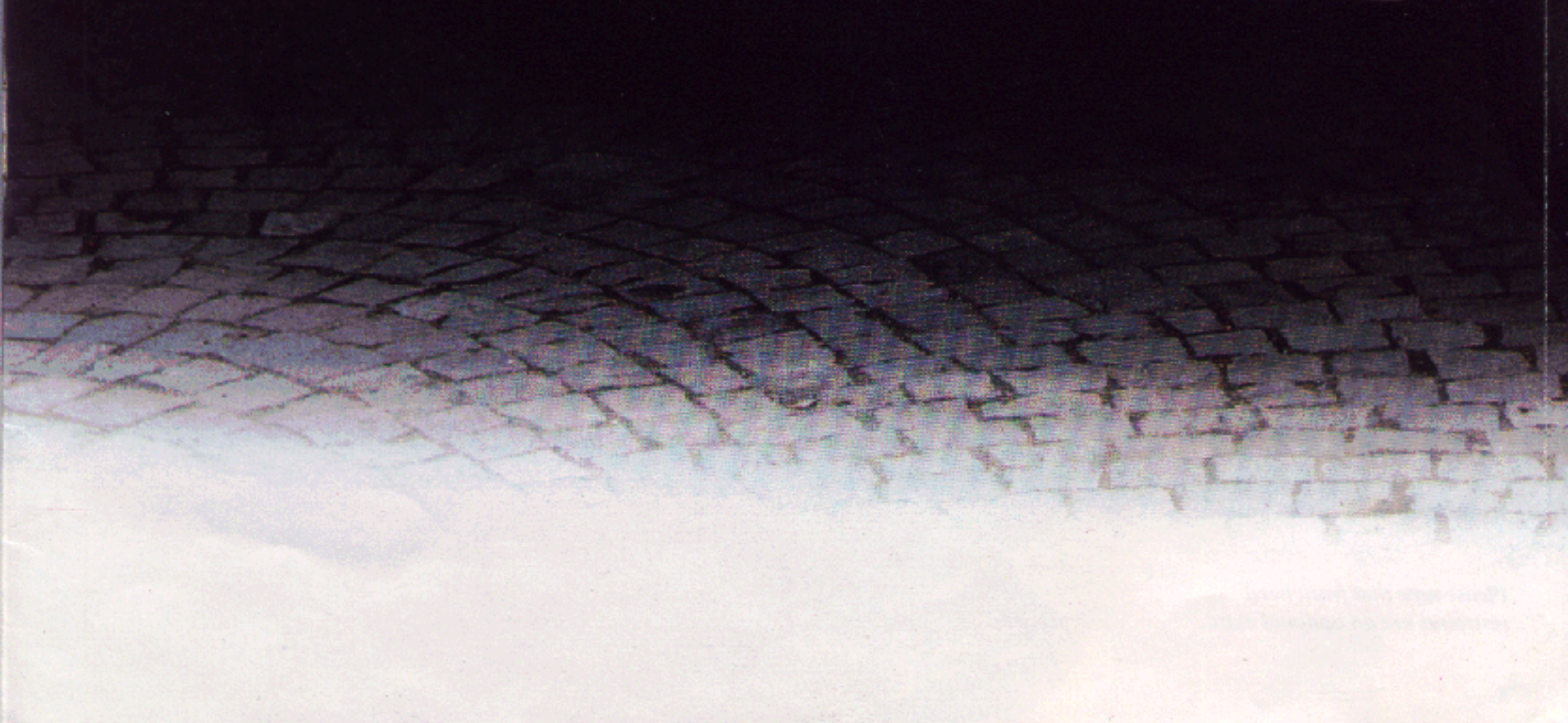
The engine.

The car which has a 100-hp 4-cylinder engine.

As a last engine. There are no engines that are not for your car. There are no engines that are not for your car.

It's a car that's as good as a car. It's a car that's as good as a car. It's a car that's as good as a car.

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

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 mis-positioned.

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 1978 model Year.



The Audi 100 Avant.

The original Audi 100 developed a rare reputation for its remarkable combination of performance, economy, safety and space.

In designing the new Audi 100 we set ourselves not only to retain that combination, but to improve it.

The result is a car that sets new standards in the field of personal transport.

Advanced aerodynamic efficiency for even higher performance and economy.

Unique innovations that contribute to even greater "active" and "passive" safety.

An interior, psychologically designed, to reduce stress to a new minima.

And now, with our newest model, we add yet another dimension.

The functional elegance of the Audi 100 Avant. A luxurious five-door touring saloon that offers almost forty cubic feet of luggage space.

More than any other car in its class.

The Audi 100 Avant.



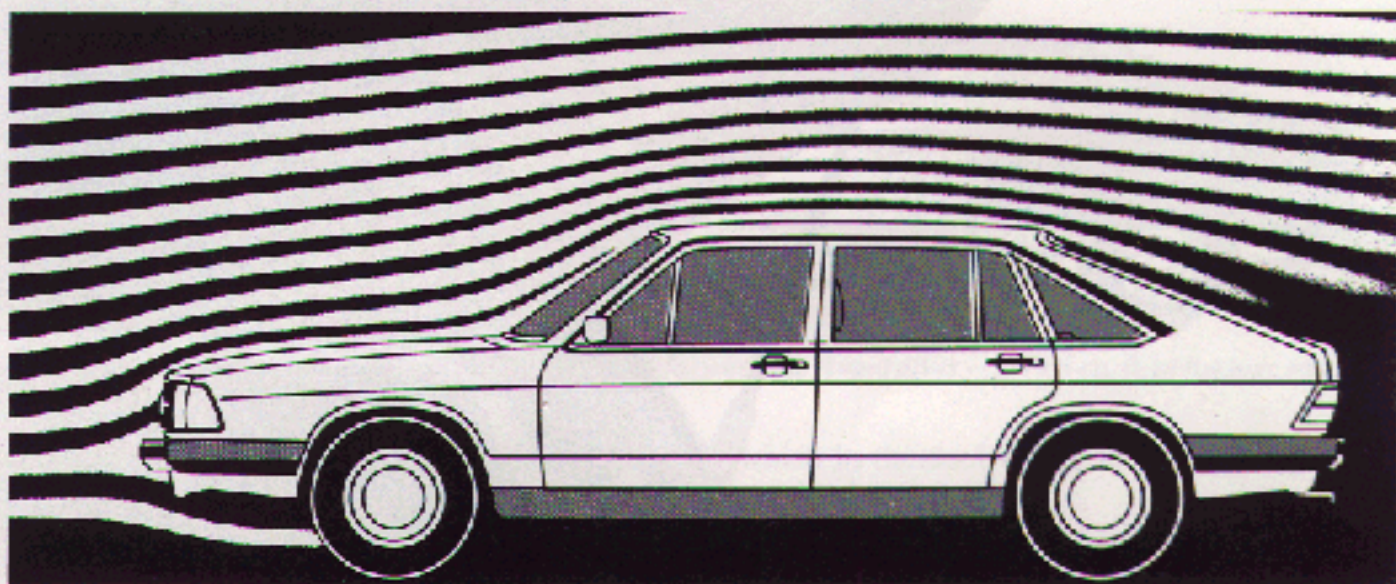
Please note that front head restraints are an optional extra.

In consequence, the Avant needs a main service only once every 10,000 miles, or once a year. And an oil change every 5,000 miles, or twice a year.

A clean shape means an economical car. A car's fuel consumption is determined by the size and efficiency of its engine and its power-to-weight ratio. And, above about 60 mph, by its shape. The less wind resistance it offers, the less fuel it uses. So we tested the shape of the Avant in the wind tunnel.

Then improved it. Then tested it again. Until we arrived at a design which is completely eddy-free around the front end, so it cuts through the air like a knife. The result is a car whose drag-coefficient is among the lowest of any production car. And is remarkably economical on long journeys.

The trim strip along its sides protects the side windows from mud and water thrown up by the wheels. And we even shaped the foot of the outside mirror so that the side window is always clear and the mirror is easy to see.



The car which was shaped by the wind.

The safety steering and braking system.

The dual diagonal circuit braking system. The two braking circuits in the Avant 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.



Even if one brake circuit fails, the braking pressure is evenly distributed.

The Audi 100 Avant.

The car that sets new standards in versatility, safety and luxury.



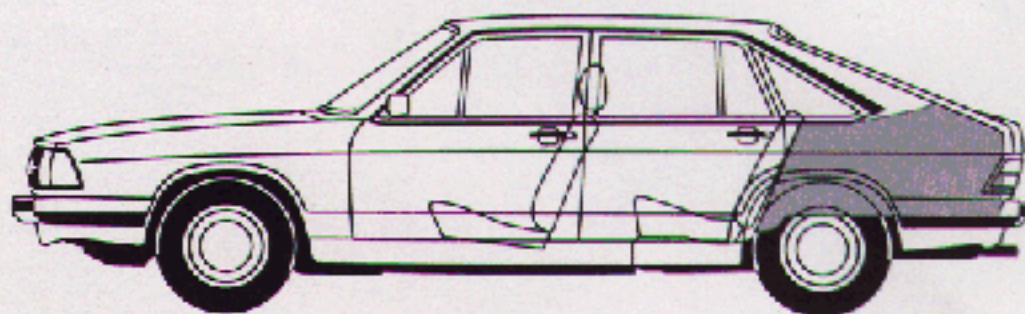
A fifth door. The Audi Avant offers more luggage space than any other car in its class. The low reaching tailgate swings open to reveal over 15 cu. ft. of boot space. Simply fold the rear seat backrest forward and this becomes a cavernous 39.3 cu. ft. A floor area

of 21.5 sq. ft. with a depth of over 5 feet.

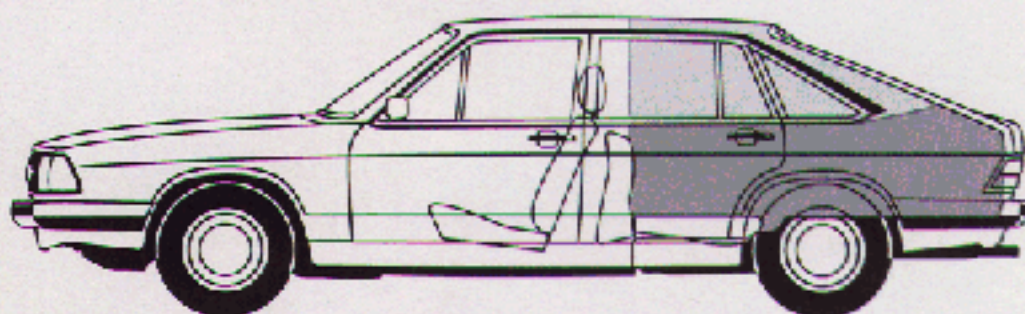
The Avant can take items that previously would have had to have been carried on a roof rack, or, even worse cluttered the interior of the car. Sporting gear, business equipment and family paraphernalia can all be contained with ease,

without having to sacrifice comfort.

With this degree of versatility the Avant is the ideal combination for those with sports, family and business interests.



The Audi Avant as a five-seater.



With the rear seat folded forward the Avant gives you 39.3 cu. ft. of luggage space.

"Adapting the car to human needs." Professor P. Nestler, from the Academy of Fine Arts in Munich, has this to say:

"No human being is consistently efficient. But any human being will stay alert longer in a pleasant, well-designed, controlled environment. That is what we set out to provide in the Avant. And we redesigned the interior from scratch. We made sure there was plenty of window-space, so you wouldn't feel cramped. We chose colours that were soft and harmonised, so you would feel relaxed.

We designed body-contoured seats, and put all the controls within easy reach. We developed a completely new ventilation system. And a new form of noise insulation. The overall effect is to reduce fatigue tension and distraction, so you can concentrate on driving."

The passenger safety cell. The safety cell resists impact not only in front, rear and side collisions. In a roll-over its strength goes far beyond the level set by American safety standards,

which in themselves are among the highest in the world.

The petrol tank is tucked in front of the rear axle.

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.

At the front there is a completely new type of side member which is being used for the first time ever in a production car. They are square section tubes (one on each side) which, in a collision, pleat (rather like an accordion) evenly from front to rear.

As a result the Avant can resist an impact of 40 mph, again considerably exceeding American safety standards. The sides, too, are impact-resistant.

By using computer calculations, we've been able to give you this protection without building a heavy car.

The safety interior. We designed the interior, too, with safety in mind.

The front seats have specially reinforced fastenings. And the backrests have knee protection for back seat passengers.

The instruments and controls are protected so that there are no protruding edges. The arm rests and window winders are flexible, and the door handles are recessed.

The dashboard is impact absorbing.

And a heated rear window and rear washer are standard equipment.

◁ Please note that front head restraints and a radio are available as optional extras.

Please note that the wooden gear lever knob is not part of the standard specification. The radio and front head restraints are optional extras. ▷





The upholstery.

Fine cord for the Audi 100 Avant



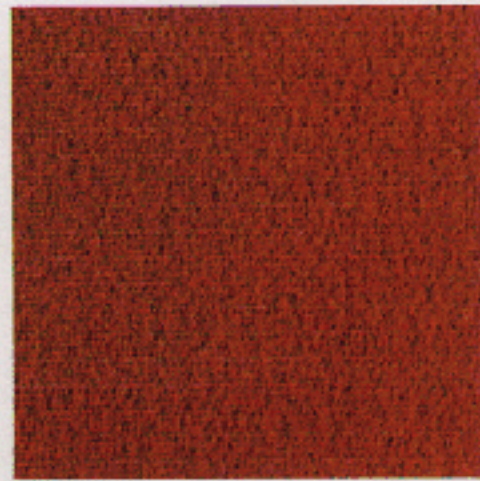
Azure 17



Lime 20



Sand 30



Coral 36

Audi 100 Avant Colour Combinations

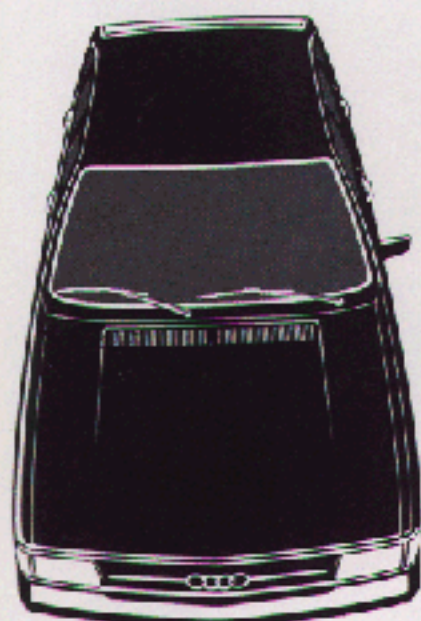
		Audi 100 Avant Fine cord			
		Azure 17	Lime 20	Sand 30	Coral 36
Exterior finishes	Interior trim				
Black	A 1				
Malaga red	H 5				
Alpine white	P 1				
Metallic finishes					
Copper	W 2				
Reseda green	X 3				
Bahama blue	Y 3				
Diamond silver	Z 4				
Colibri green	Z 7				

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

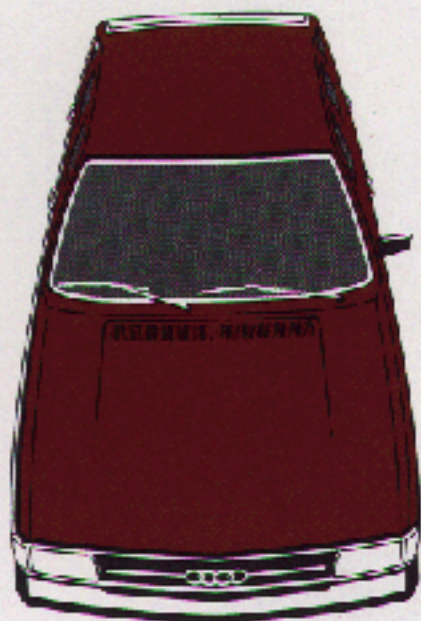
Metallic finishes are at extra charge.

The paintwork.

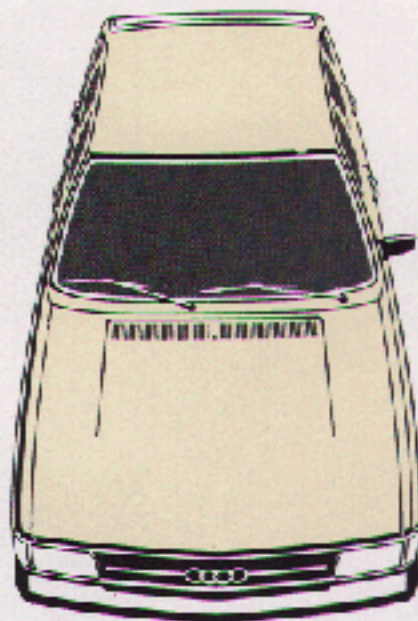
Exterior finishes.



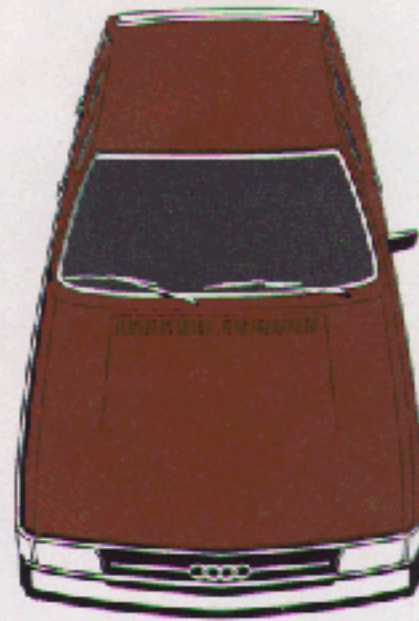
Black A 1



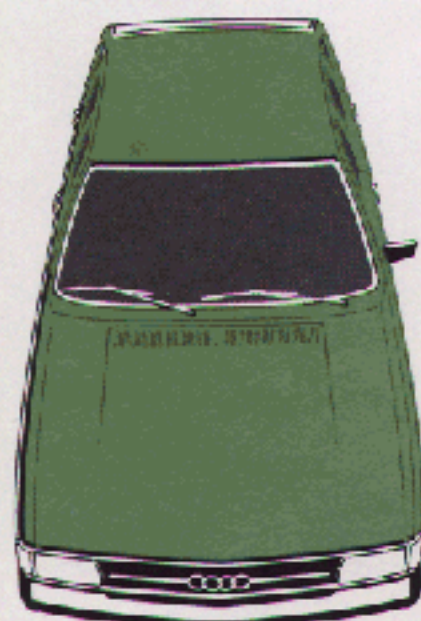
Malaga red H 5



Alpine white P 1



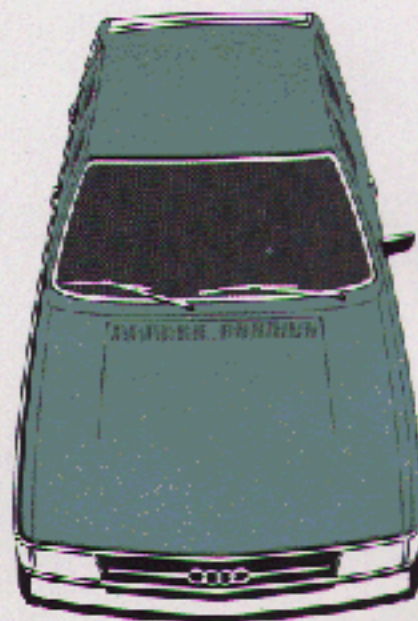
Copper W 2



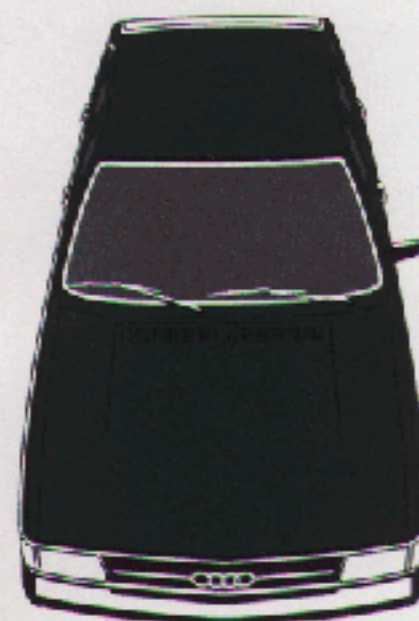
Reseda green X 3



Bahama blue Y 3



Diamond silver Z 4



Colibri green Z 7

Metallic finishes.

Technical Data.

Audi 100 Avant L		
Engine		Water cooled, 4 cylinder in line, overhead camshaft.
Capacity	litres cubic	1.6 1588 c. c.
Bore	mm	79.5
Stroke	mm	80.0
Output	bhp (DIN) kw at rpm	85 63 5600
Compression	8.2:1	8.2:1
Max. Torque	mkg (DIN) lbs. ft. at rpm	12.4 87.5 3200
Carburettor		Downdraught carburettor with 2 stage automatic choke.
Cooling		Electrically driven, thermostatically controlled fan.
Lubrication		High pressure oil circulation
Electrical System	Battery	12 volt 54 Ah
Transmission		Manual: front drive via dry single-plate clutch, fully synchronized four speed gear box with reverse gear. Automatic: automatic transmission with three forward ranges and one reverse range.
Chassis		Springing: front and rear, coil springs with telescopic shock absorbers, in front in the suspension struts. Transverse stabilizer in front. Suspension: front suspension mounted on a sub-frame. Suspension struts and lower wishbones in front with self stabilizing steering and "caster offset" for extra safe handling; rear torsion crank axle with additional support provided by a Panhard rod, mounted transversely. Steering: maintenance free, self-adjusting rack-and-pinion steering. Safety steering column with detachable coupling. Brakes: twin, diagonally split hydraulic circuits operating floating caliper disc brakes at front, drum brakes at rear. Brake servo and load sensitive brake pressure regulator for rear wheels. Cooling ribs on brake drums.
Wheels		5 1/2 J x 14
Tyres		Steel radial ply tyres 165 SR 14

Performance

Top speed	mph (man)	99
(DIN)	(auto)	97
Acceleration		
0-50 mph in secs	(man)	8.6
	(auto)	11.5
0-60 mph in secs	(man)	13.4
	(auto)	16.3
Consumption	mph (man)	31.7
(DIN)	mph (auto)	29.7
Fuel		
Star Rating		++

Dimensions

Wheelbase	ins mm	105.4 2677
Track front	ins mm	57.9 1470
rear	ins mm	56.9 1445
Length	ins mm	180.6 4587
Width	ins mm	69.6 1768
Height	ins mm	54.7 1390
Ground clearance	ins	5
at total weight	mm	128
Turning circle	ft metres	37.1 11.3

Capacities

Fuel tank	galls litres	13.2 60
Boot		
Rear seat up	cu. ft	15.3
Rear seat down	cu. ft	39.3
Weights		
Unladen	lbs kg	2445 (+ 55 lbs for automatic transmission) 1110
Gross	lbs kg	3462 1570
Payload	lbs kg	1014 (- 55 lbs for automatic transmission) 460
Axle front	lbs kg	1918 970
rear	lbs kg	1768 810
Trailer braked	lbs kg	1874 850
unbraked	lbs kg	1301 590

Specifications.

Interior Equipment

Speedometer
Quartz clock
Temperature gauge
Fuel gauge
Trip mileage recorder
Cigar lighter
Ashtray front/rear
Head lamp flasher
3 speed ventilation
Intermittent wipers — with
Two speed control — with
Wash/wipe action
Parking light contact
Illuminated switch panel
Instrument panel rheostat
Cigar lighter/front ashtray illumination
Glovebox illumination
Front door courtesy light contact switches
Hand/dual circuit brake light
Driver/passenger sun visors — with
Sideways action — driver
Sideways action — passenger
Vanity mirror
Lockable glove box

Driver's storage shelf

Day/night safety rear view mirror
Padded steering wheel
Safety door handles
Seat belts
Passenger grab handle: front/rear
Safety armrest/integrated grab handles
Padded instrument panel
Polished instrument panel trim
Styled gear lever with jacket
Reclining front seats
Felt type carpeting
Fine cord upholstery
Door storage compartments
Felt carpeting in boot
Centre console (prepared for radio installation)
Radio speakers concealed in dashboard
Front seat angle adjuster

Exterior equipment

Rubber bumper strips

Bumper extensions

Halogen headlamps with beam control
Interior adjustable exterior mirror
Polished waistline impact strip — with dirt deflector
Polished rear impact strip —
Lockable tank cap
Reversing lights
Heated rear window
Underseal
Radio aerial
Rear screen wash-wiper

Optional equipment

Vinyl roof
Radio; Radio cassette player
Automatic transmission
Steel sunshine roof
Quarter light side windows
Heat insulating windows (green tint)
Metallic paint finish
Front seat head restraints

German Induronic. Standard DIN 770/80; measured at 54.4 mph limit = 68 mph. On level dry surface (max. gradient = 1.5%), all tyres at correct pressure, at half max. permissible weight; max. wind speed = 6.7 mph; over approx. 6 mile distance. Outside temp. between 50° and 80° F (10° - 30° C). Tolerance for testing fuel consumption = ± 10%.