

# VOLVO 164









You're looking at a complete automobile.  
The Volvo 164.

It's designed to move you quietly and unobtrusively  
through the world in expansive comfort.

With all the refinements and appointments that  
are necessary to a luxury car. Though you may opt  
for a sliding steel sunroof if you wish.

And while it is the most elegant of Volvos, the  
164 scrupulously maintains the standards set for  
all Volvos: Durability, safety and economy of  
operation.

Because the world makes these demands on it.









The 164 has always been justly noted for its famous seats. So we take considerable pride in our newest seats.

They were designed in cooperation with medical specialists and engineers to support the human body. And give it comfort.

And assembled by hand by Volvo craftsmen like fine furniture.

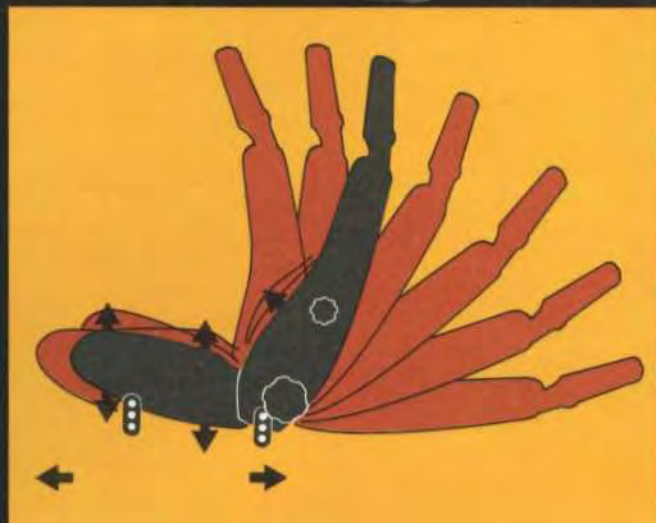
After all, sitting in a fine car should be as comfortably rewarding as driving it.

### The Comfort of the Volvo 164

Seating surfaces are upholstered in leather, which is soft and supple when warm. So the driver's backrest and cushion are automatically and gently heated. A sensor sets it into operation below 57 degrees and turns it off at 79 degrees.

The seat will adjust to your body, to better enjoy a long journey. You can angle the backrest and change its shape. With special levers, the driver can raise or lower the front and/or the back of the seat. So you sit in personalized comfort, which is important to your posture even on a short trip.

Rear passengers can divide their seat with an armrest, but still will find ample accommodations with exceptional legroom.







LEAS

70 80 90 100 110

PARKING BRAKE BRAKE FAILURE

0 1 2 3 4 5 6 7 8

OIL AM TEMP TANK

IGNITION KEY

UP WINDOW DOWN

COOL TEMP WARM

LIGHTS

AM B FM 88 TO VOL 100



The ultimate test of the 164 interior is to drive it out in the world of traffic.

You find it's appointed with consideration to your comfort and safety, and with a great deal of thought to the ease and operation of the Volvo.

And if you are surprised at all the room, consider this: A fine automobile need not be oversized on the outside to sit a roomful of people handsomely on the inside.

## The Controlled Climate of the Volvo 164

To maintain comfort and alleviate fatigue, Volvo has equipped the 164 with a thorough controlled-temperature system.

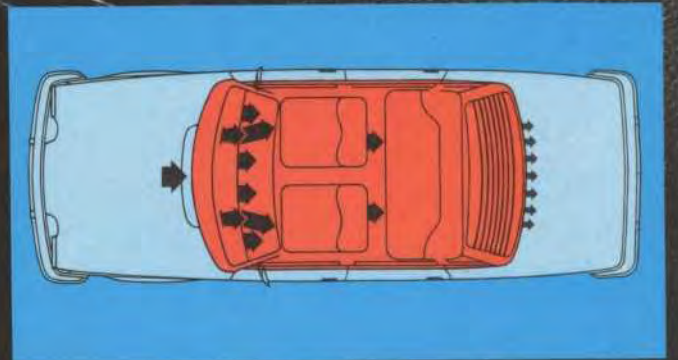
Air conditioning is as standard as the heating.

Using the same fans and temperature control, air is selectively distributed through ten separate outlets. Throughout the interior. Even to the rear floor.

A flow-thru ventilation system quickly exchanges stale air for fresh air. The rate of exchange can be controlled by a recirculation feature, for even quicker heating or cooling.

Particular attention has been paid to the positioning of controls and instruments. So you'll find them placed for efficient use while driving.

All for one reason. Ease of driving contributes to the comfort and enjoyment of the 164.





We've said the 164 is a complete automobile.  
It is.

Not only with its attention to your comfort, but  
in its ability to perform all the tasks on the road  
you want it to perform.

The 164 is the only Volvo to have an electronic  
fuel injection system, with a computer to regulate  
its efficiency in operation.

There is an electronic (transistorized) ignition  
system, too.

All the components that we have made standard  
in the Volvo are put there with an expressed  
design purpose in mind: that while the driver should  
have absolute and precise control of a fine  
machine, it should do all the work.

## The Performance of the Volvo 164

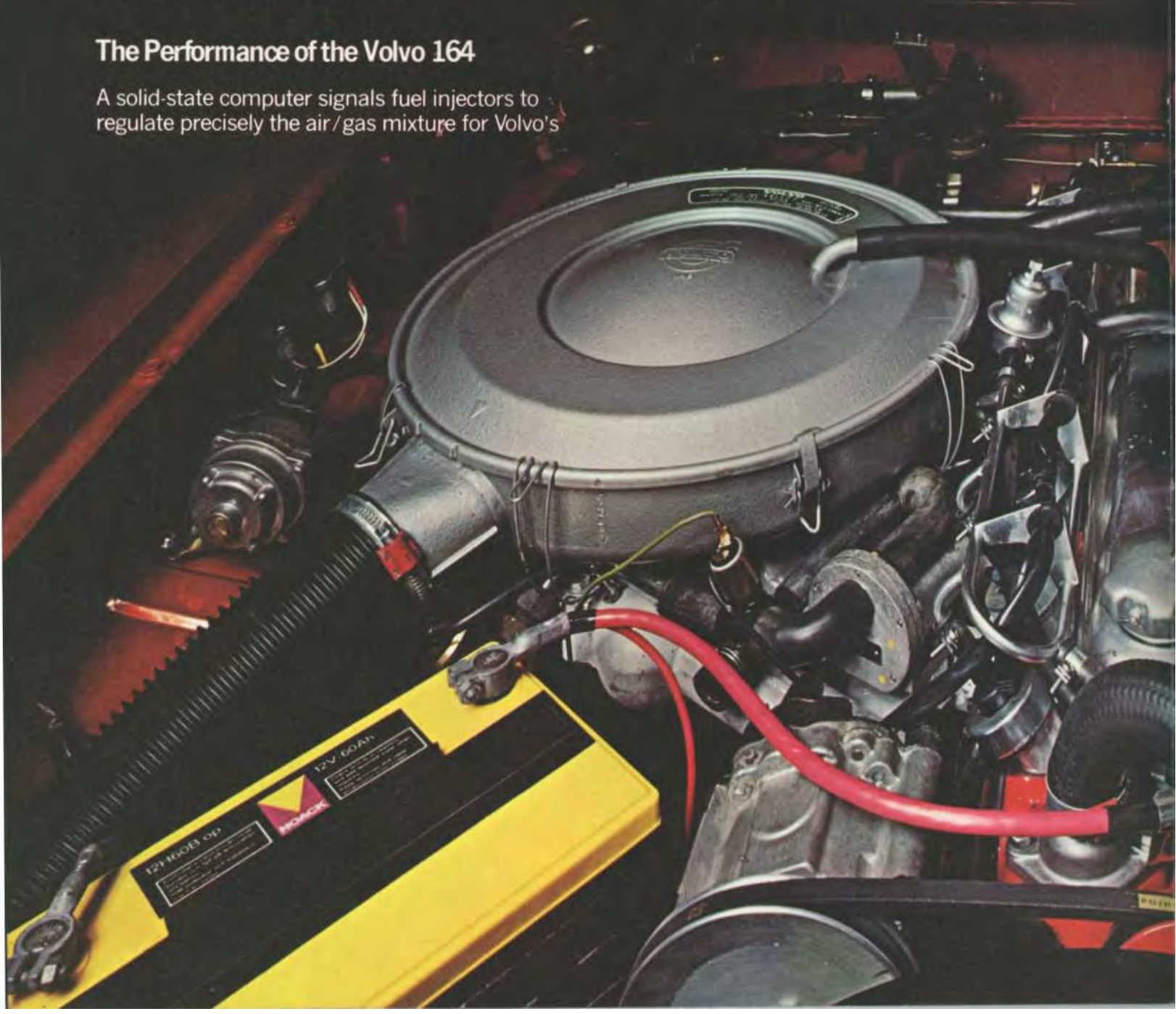
A solid-state computer signals fuel injectors to  
regulate precisely the air/gas mixture for Volvo's

largest and most powerful engine. So it can  
perform efficiently under every condition.

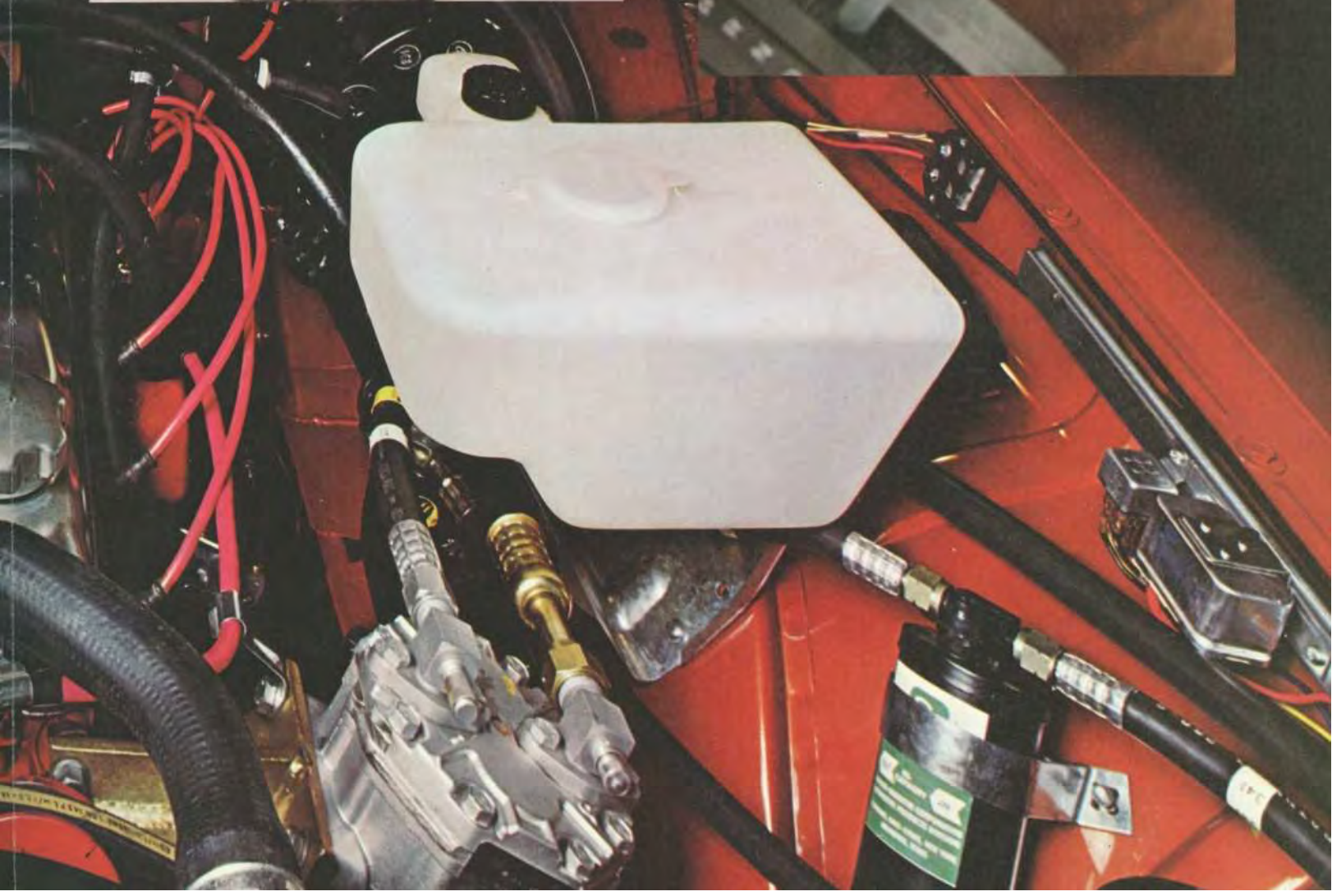
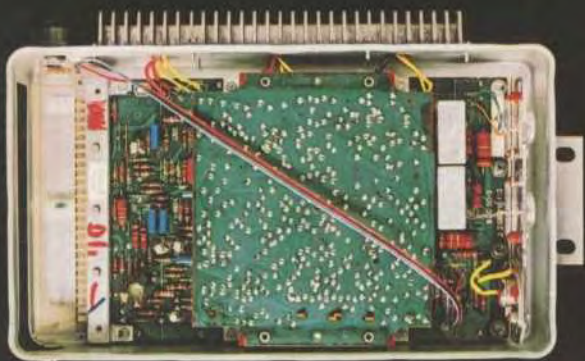
Disc brakes on all wheels provide balanced,  
secure stopping action. The Volvo system includes  
unique dual hydraulic circuits, rear brake pro-  
portioning valves and ventilated front discs for  
rapid heat dissipation.

Steel-belted radial tires assist braking, too.  
And give better traction, longer tread life and  
greater fuel economy.

The power transmission normally chosen is a  
floor-mounted, fully-automatic three-speed unit.  
Or you can select, at no extra cost, a manual four-  
speed with electrically-operated overdrive.













Sometimes it's the small things that add most to the complete concept of a fine automobile.

Consider.

The front windows are powered for convenience. The steering is power assisted, and the brakes. The rear window is electrically heated, and all the glass is tinted.

The front seats are almost infinitely adjustable, while the driver's seat is gently and automatically heated for cold morning starts.

All this is standard. But you do have choices.

You can have your 164 with or without a sliding steel sunroof. With it you will receive velour for your seats. You can select from a variety of radios and tape decks.

And, of course, you must choose a color.





We have always stressed safety. With all our Volvos.

And while you may not always be consciously thinking about it while sitting securely inside the steel cage of your 164, it is a comforting thought to keep in mind.

Six strong steel pillars and energy-absorbing unit construction provide a protective environment for you and your passengers. The emphasis on safety extends to the steering column. It has four specific integrated features to reduce the effects of an impact.





One more thing. We always stress durability, too. Even down to the handsome finish of the exterior. Because we like our finish to end up looking much like the finish you started with.

The body, too. Exposed vulnerable parts are made of rustproof galvanized steel. Some are even pre-primed. The body itself is immersed in a bath of rust-proofing primer.

Then there are two separate layers of undercoating to protect what is underneath your Volvo.

The shape of the Volvo does more than just enhance its appearance. It makes it easy to get in and out of the Volvo.

You can stow more items in the trunk and the box-like shape makes it a lot more convenient to put them in and get them out, too.







## SPECIFICATIONS - VOLVO 164

### Engine

Model B30F featuring electronic fuel injection. 182 cubic inches. Compression ratio 8.7:1.

### Fuel System

15.8 gallon tank with expansion chamber for evaporation control. Electric fuel pump. Gas filler on models with catalytic converter designed for unleaded gasoline.

### Cooling System

Sealed system holds 12.3 quarts of anti-freeze coolant. Fitted with a transparent expansion tank.

### Electrical System

12-volt system features transistorized ignition, a 55A rated alternator and 60 amp hour battery. Starter motor output 1.1 hp.

### Transmissions

Automatic: Standard three-speed automatic has a floor-mounted shift lever and an illuminated quadrant with a PRND21 pattern. Final drive ratio 3.31:1.

Manual: Standard four-speed fully-synchronized transmission has remote linkage and a floor-mounted gear shift. Electrically-operated overdrive is fitted with a shift lever switch. Ratios: 1st 3.54, 2nd 2.12:1, 3rd 1.34:1, 4th 1.00:1, reverse 3.54:1. Overdrive 0.797:1. Final drive ratio 3.73:1.

### Steering System

Recirculating ball and nut type with a safety column. Power assist standard. Ratio 16.0:1. Turns lock to lock 3.7. Turning circle 34 feet.

### Suspension

Front: Independent with unequal A-arms incorporating coil springs and telescopic shock absorbers. Stabilizer bar.

Rear: Rigid axle carried by longitudinal control arms and torque rods. Lateral location by a track rod. Coil springs and telescopic shock absorbers.

### Wheels and Tires

Steel-belted, white sidewall radial tires fitted on 5.5J x 15 pressed steel wheels. Tire size 175 SR 15.

### Brake System

Self-adjusting disc brakes on all four wheels, front discs are ventilated. Tandem type 4:1 power assist. Pressure relief valves on rear brakes. Dual hydraulic system connects both front wheels and one rear wheel on each circuit. Center hand-brake operates mechanically on separate rear wheel drums.

### Instrumentation and Operating Controls

Dashboard: Speedometer with six-digit odometer and separate trip meter. Tachometer. Fuel and coolant temperature gauges. Warning lights for alternator charging, oil pressure, high beams, overdrive, parking brake, foot brake failure, and to inform if a low beam, brake light or tail light burns out. Audible and visible signals for turn indicators. Fully-padded dashboard has four adjustable fresh air outlets. Illuminated, locking glove compartment.

Steering column: Combined levers for high and low beam operation, turn and lane changing signals; windshield wipers and washer.

Center Console: Switches for the electrically-heated rear window and four-way hazard warning lamps. Temperature and fan speed controls for the heating and air conditioning system. Cigarette lighter and ashtray. Radio location. Rheostat switch for instrument and controls lighting.





## Volvo 164 Color and Upholstery Selection.

Paint	Upholstery
Cascade white	Light blue
Pacific blue	Light blue
Sierra orange	Black
Caribbean red	Natural leather
Berkshire green	Natural leather
Teton green	Natural leather <sup>1)</sup>
Alpine blue metallic	Light blue
Sahara beige metallic	Black <sup>1)</sup>
Andes copper metallic	Black

<sup>1)</sup>Volvo 164 also available with brown velour.

### Ventilation, Heating and Air Conditioning System

Fully integrated system for fresh, heated or cooled air through 10 outlets to the windshield, front and rear floors and along the dashboard. Twin three-speed fans. Recirculation and dehumidifying features.

### Seating

Leather-faced, reclining bucket seats with adjustable lumbar support in front, a bench seat with a fold-down armrest in the rear. Electrically-heated driver's seat has levers for front and rear height adjustment.

### Other Standard Equipment

Electrically-operated front door windows. Three-point self-adjusting safety belts with illuminated center mount. Rear seat has two three-point belts and a lap belt. Rear seat lighting and ashtray. Tinted glass. Radio antenna built into windshield. Twin door mirrors. Day/night position rearview mirror. Storage pockets in front doors and on back of front seats. Towing points front and rear.

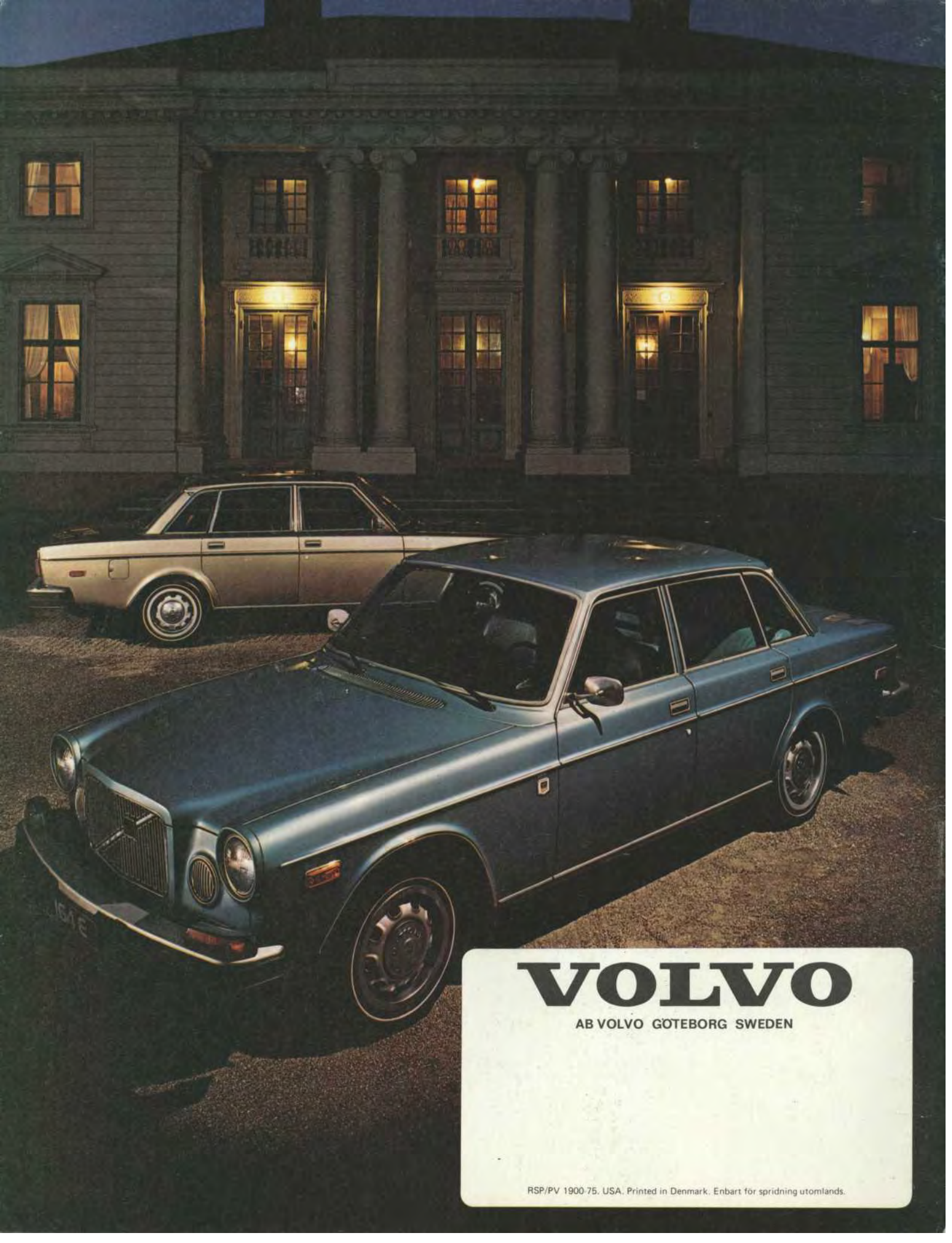
### Optional Equipment and Accessories

A sliding steel sunroof with wind deflector is available with velour upholstery.

Volvo has a wide variety of accessories, including automatic speed control and stereo radios and tape players designed to tailor-make a Volvo 164 to your individual requirements.

The factory reserves the right to make changes at any time, without notice, in prices, colors, materials, equipment, specifications and models and also to discontinue models.





# **VOLVO**

AB VOLVO GÖTEBORG SWEDEN

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