

VOLVO 164







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.

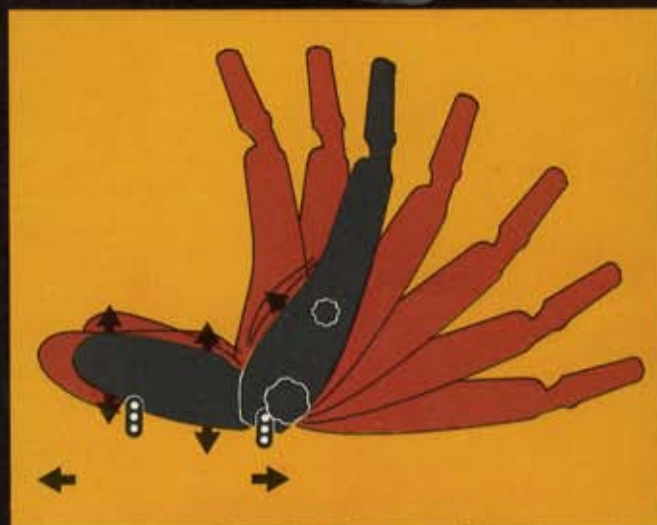
After all, sitting in a fine car should be as comfortably rewarding as driving it.

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.





VOLVO

VOLVO

80
90
100

APPLYING
BRAKE

RELEASE

OIL

AM

6
5
4
3
2
1
0

TEMP TANK

UP

WINDOW

DOWN

COLD

TEMP

WARM

LIGHTS

AM

FM

REV

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.

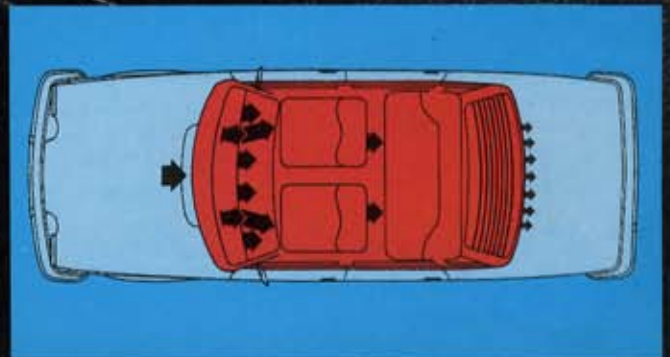
Air conditioning is as standard as the heating.

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.

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 proportioning valves and ventilated front discs for rapid heat dissipation.

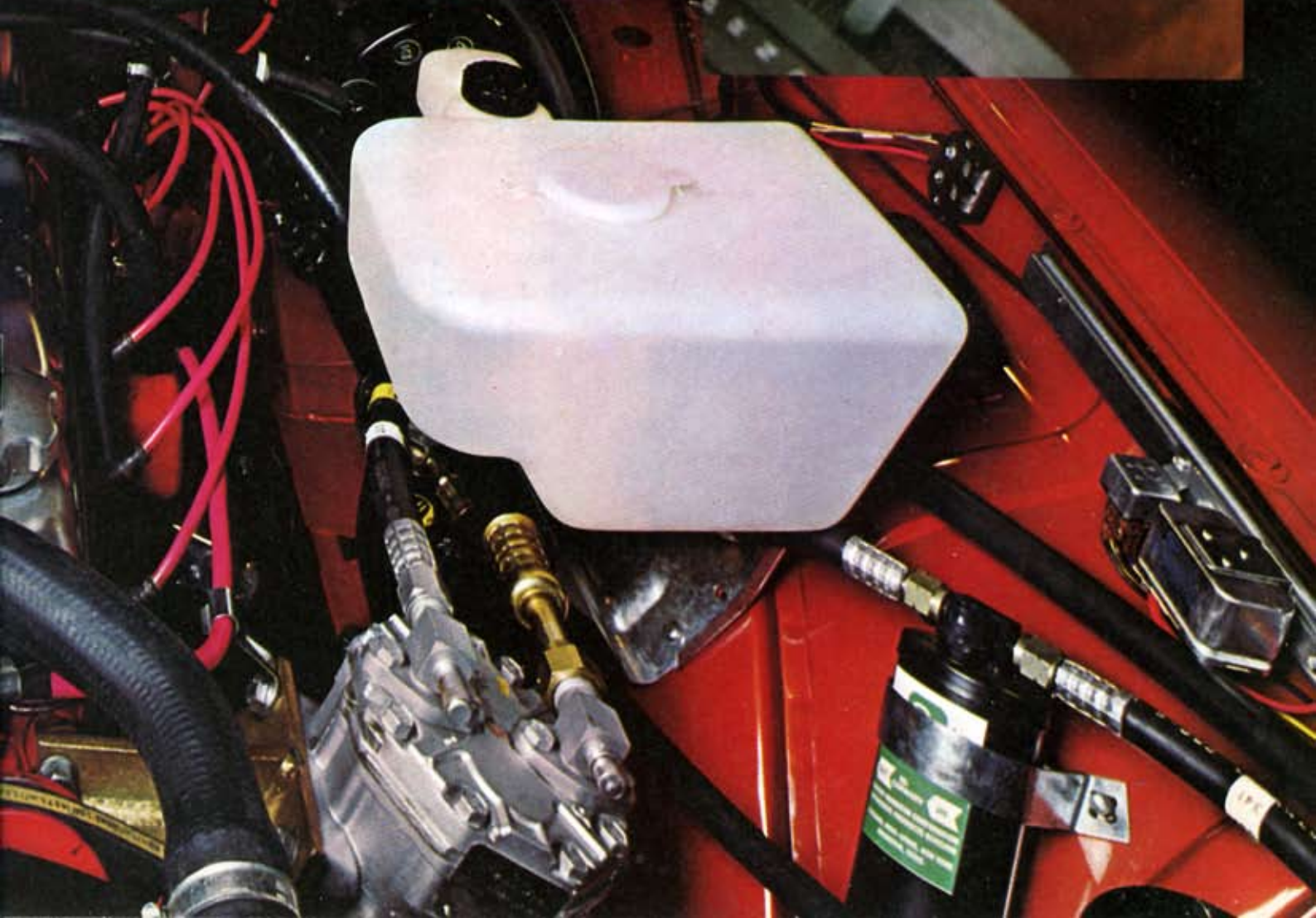
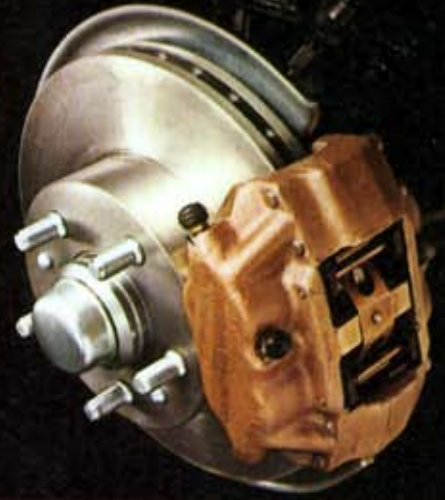
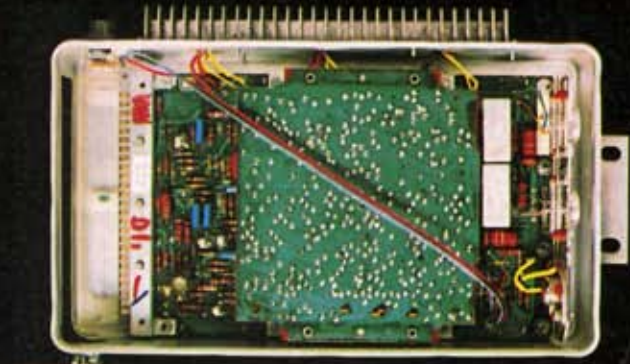
Steel-belted radial tires assist braking, too. And give better traction, longer tread life and greater fuel economy.

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.

The Performance of the Volvo 164

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







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.



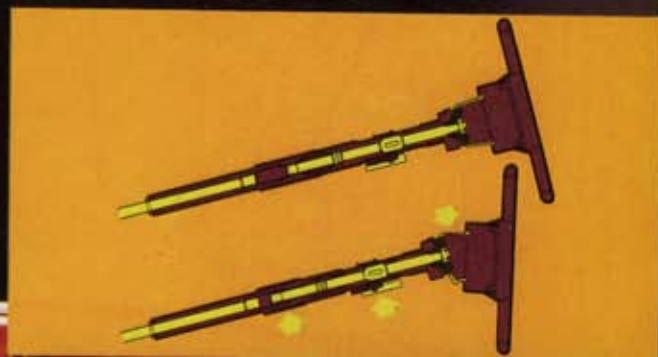
One more thing. We always stress durability, too. Even down to the handsome finish of the exterior. Because we like our finish to end up looking much like the finish you started with.

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 SR15.

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

AB VOLVO GÖTEBORG SWEDEN

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