

VOLVO

AB VOLVO GÖTEBORG SWEDEN

VOLVO 164

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The Volvo 164. A thing of beauty that's a joy for more than three years.

The 164 is Volvo's largest, best performing and most elegant sedan. It's also Volvo's most fully equipped sedan.

The 164 has four-wheel disc brakes with high stopping power. And they're power assisted. So is the steering, which also lets the 164 park in places other elegant cars have to pass up. And it's more comfortable getting to the parking spaces too, because the 164 has ride-smoothing radial tires.

Then there's a four-speed floor shift transmission specially designed to match the power of its dual carburetor engine (which is 50% larger than our other engines). Or a refined automatic transmission that gives quicker acceleration.

The 164 also has appropriate comfort and convenience features. Like reclining bucket seats with rich leather upholstery, a locking center console, classical net storage pockets and deep pile carpeting for a quiet ride. Plus an electric rear window defroster, tinted glass all around and flow-through ventilation. And the room inside for five passengers to enjoy all this.

But the 164's strongest point is the fact that it's a Volvo. An investment of this size should, at least, be designed to outlast the payment book. So consider that in Sweden, where it's tough being a car, Volvos last an average of eleven years. That's the real beauty of it.







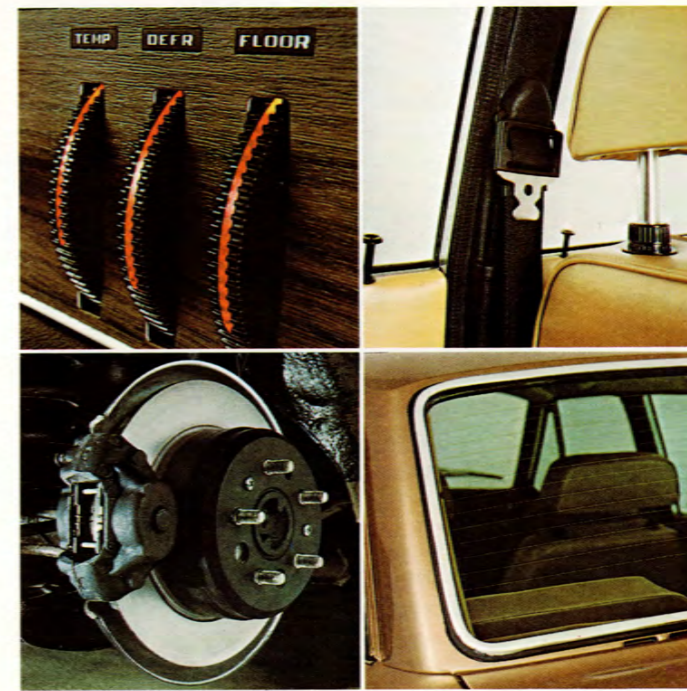
Many manufacturers present their car's seats amid velvet drapes or in a field of flowers. Which isn't surprising because most new car buyers don't consider interior comfort until *after* they've bought the car.

We disagree. After all, seats aren't made for looking, they're made for sitting. And if you're not the statistically average person for whom other seats are designed, consider that the 164's bucket seats are adjustable in every conceivable way.

And because the 164 is built to get you out from under car payments, its durable leather upholstered seats will keep you comfortable regardless of how long you own it.



The Volvo heating system is thermostatically regulated. These discs control the temperature, amount and direction of air to the front and rear floor and the windshield.



Power assisted disc brakes are standard equipment on the 164. On all four wheels, not just the front. They're long on wear, short on stop. Self adjusting too.

Volvo inertia-reel safety belts store neatly inside the door posts and adjust and retract automatically. Our 3-point belts take only seconds to fasten, so please do.

Those almost invisible wires embedded on the rear window melt ice electrically in minutes. A 2-position dashboard switch supplies 50 or 200 watts of power.

Beauty is more than skin deep. So we do much more than just give a 164 a shiny coat of paint. To protect Volvos from the ravages of nature, every car passes along a four-mile line where the body is first etched, dried, then dipped in special rust-

proofing paint. The next operation consists of a hand sanding, an undercoat spray and oven drying. This process is repeated again with a sealer coat before a final hand sanding and three final color coats. That's on the outside. Underneath we're just

as careful. The welded steel body gets a comprehensive rust-proofing and an underbody sealer. These are some of the reasons why in Sweden, where it's tough being a car, Volvos last an average of eleven long, cold winters.

The 164's center console will hold more odds and ends than most glove compartments. And because it's lockable, and convenient you can use it like one.



We've matched the 164's six-cylinder engine to a rugged 4-speed transmission. It's so smooth you're tempted to try its limitations, but it's so strong you won't.

Specifications

The 164 is powered by Volvo's largest engine. It has a displacement of 182-cubic inches and develops 145-horsepower. Which, when compared to the engine in a Cadillac Eldorado, won't raise any eyebrows. But then, just like a Cadillac, the Volvo 164 will accelerate from 0 to 60 in less than 10 seconds. Because Volvo engineers designed its six-cylinder powerplant

and drive train for peak efficiency. Volvo spent seven years developing this engine so it would live up to their reputation for building reliable, rugged and unbreakable powerplants. The results are an extra-strong crankshaft with generous bearing surfaces. And dual carburetors that are tuned and sealed. Plus a moistureproof electrical system, developed for

marine use. For cold starting efficiency an air intake system regulates the air's temperature. A sealed cooling system now includes a limited speed engine fan so it doesn't spin any faster than it has to.

Volvo also developed an exhaust emission control system that's so good it's standard on all their cars, not just those for America.

Engine

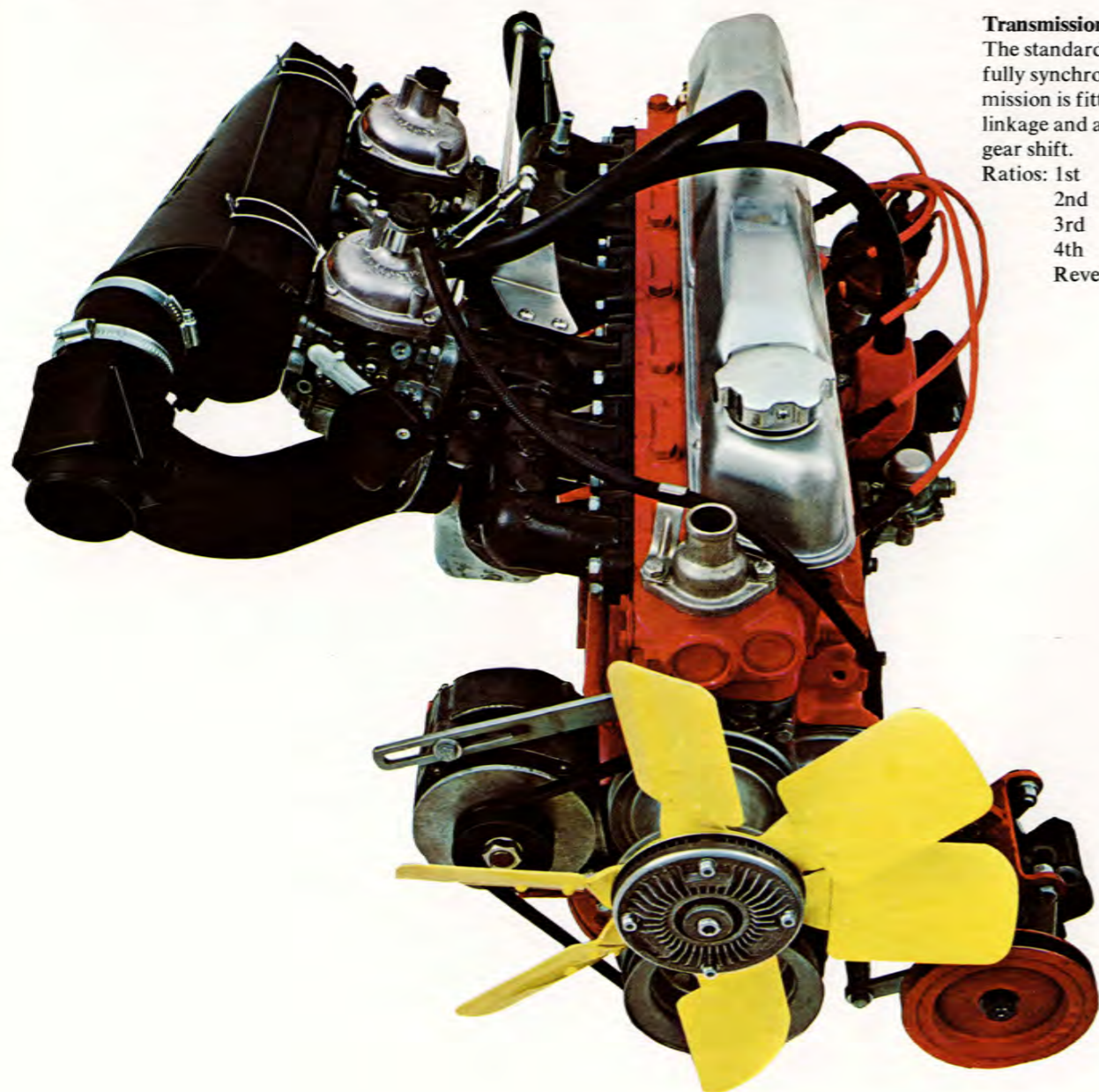
The Volvo B30 engine is a six-cylinder in-line unit, water cooled with overhead valves. It features a seven main bearing steel crankshaft with case hardened bearing journals. Pressure lubrication is supplied by a gear pump through a full flow oil filter. Bore 3.50 in. Stroke 3.15 in. Displacement 182 cu.in. Maximum output 145 b.h.p. SAE at 5500 r.p.m. Maximum torque 163 ft.lb. SAE at 3000 r.p.m. Compression ratio 9.3:1

Fuel is supplied through twin horizontal carburetors adjusted and sealed at the factory for Volvo's dual-induction emission control. Induction air is thermostatically controlled to a constant temperature by a preheating system in line with the air cleaner.

Transmissions

The standard four-speed, fully synchronized transmission is fitted with remote linkage and a floor mounted gear shift.

Ratios: 1st	3.14:1
2nd	1.97:1
3rd	1.34:1
4th	1.00:1
Reverse	3.54:1



The optional three-speed automatic has a column mounted shift lever and an illuminated quadrant with standard P-R-N-D-L pattern.

Ratios: 1st	2.39:1
2nd	1.45:1
3rd	1.00:1
Reverse	2.09:1

The mechanically operated clutch is of the diaphragm type. Size: 9 in. Clutch friction area: 72.5 sq.in. The divided, tubular drive shaft is connected by needle bearing universal joints to a semi-floating rear axle and hypoid type final drive. Ratios: 3.73:1 (Manual); 3.31:1 (Automatic).

Cooling system

The sealed system holds 12.3 quarts of anti-freeze coolant and is fitted with a transparent expansion tank.

Electrical system

The 12-volt system includes a 55 A rated alternator and a 60 amp.hr. battery. The starter motor output is 1 hp.



Steering system

The steering, with a safety column, is of the recirculating ball-and-nut type with power assist. The number of steering wheel turns lock to lock is 3.7. The turning circle is 31.5 ft.

Suspension

Front suspension is independent with unequal A-arms. The rigid rear axle is carried by longitudinal rubber-mounted control arms and torque rods. The axle is located laterally by means of a rubber-mounted track rod. Coil springs and double-acting telescopic shock absorbers are fitted all around.

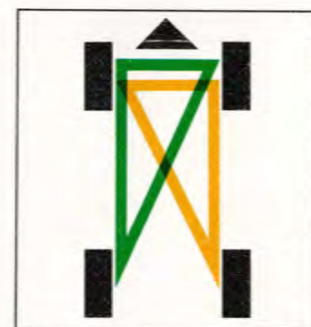


Fuel tank

The 15.5 gallon fuel tank, located at the rear, is equipped with gas evaporation control.

Wheels and tires

The 164 is equipped with radial 165 SR15 white sidewall tires mounted on 5 1/2 X 15 pressed steel wheels.



Brake system

Self-adjusting disc brakes are fitted on all four wheels. Tandem type power assist is standard. Each of the "triangle" type dual brake circuits operates on both front wheels and one rear wheel. A relief valve in each of the brake circuits prevents the rear wheels from locking before the front wheels in case of emergency braking. The parking brake acts mechanically on special drums fitted to the rear wheels. The handbrake lever is conveniently located between the driver's seat and front door. A dashboard warning light indicates when the handbrake is on and also any possible fault in one of the brake circuits.

Lighting

Courtesy lights are fitted in the glove compartment, trunk and engine compartment. The interior light also operates by opening either front door. The steering column-mounted turn indicator also controls the high and low headlight beam. Standard are back-up lights, side marker lights and four-way emergency flashers. The instrument lighting is rheostat controlled.

Heating and ventilation

A two-speed fan is used in conjunction with the thermostatically-controlled heating system. Outlets are supplied for the front and rear seats and the windshield. The rear window is heated electrically with 50 W and 200 W positions on the dashboard switch. Additional fresh air outlets are fitted on the body sides under the dashboard. Air extractor vents, to remove stale air and increase ventilation, are located below the rear window.

Instrumentation

A center, ribbon type speedometer is fitted with a movable arrow as a speed limit reminder. The six-digit odometer has a separate trip meter. Gauges are supplied for fuel and water temperature. Warning lights are for alternator charging, oil pressure, high beam headlights, parking brake and brake circuits and turn signals.



Body

The integral, all-welded steel body has reinforced box-section profiles around all body openings. Comprehensive rust-proofing and underbody sealing are standard.

Additional standard equipment

Leather covered, fully reclining seats are equipped in front with automatically retracting 3-point shoulder belts. Front seat headrests are adjustable. Three lap belts are supplied for the rear seat which has a folding center armrest, ashtrays and storage pockets on the rear of the front seat backrests. The interior is completely carpeted. All glass is tinted as are the two outside rear-view mirrors and the anti-glare inside mirror. There are two padded, hinged sun visors. Electric windshield washers are fitted. The two-speed electric windshield wipers have 16-in. full sweep blades. The ignition switch, with an audible warning buzzer, is combined with a steering wheel lock. Dashboard features include a passenger assist handle, cigarette lighter and center ashtray. Other assist handles are fitted above the front passenger and rear doors. A jack and tool kit are supplied. Towing fixtures are located front and rear.

Dimensions and weights

Overall length 185.6 in.
Overall width 68.3 in.
Overall height 56.7 in.
Ground clearance 7.1 in.
Wheelbase 107.1 in.
Track, front 53.1 in.
Track, rear 53.1 in.
Roof height, front 37.4 in.
(roof to seat cushion 6 in. from seat backrest)
Roof height, rear 35.0 in.
(roof to seat cushion 6 in. from seat backrest)
Rear seat front edge to front seat backrest max. 14.2 in. min. 6.7 in.
Front seat width
Shoulder height 56.3 in.
Hip height 56.3 in.
Rear seat width
Shoulder height 56.3 in.
Hip height 56.3 in.
Curb weight approx. 2937—2981 lb.

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