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# VOLVO

## 140 series

VOLVO CITY WEST  
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*"New Haven County's Exclusive Volvo Dealer"*  
TEL. 877-0311

*Please ask for me!*

*MIKE HALKOWICZ*





## True economy isn't more miles to the gallon. It's more years to the car.

A Volvo is built to outlast the car you're driving now, a fact that can lead to a dramatic change in your life style.

Instead of trading in your car every three years and being constantly in debt to the bank, you should be able to hold onto your Volvo, conserve your capital and invest in something more rewarding than personal transportation.

We at Volvo hope you do just that.

All we ask is that when your friends want to know what's responsible for your newly-acquired affluence, you point to the aging Volvo in your driveway.



## 3 ways to get out from under car payments. Volvo 142 Volvo 144 Volvo 145

The cars in the Volvo 140 series share many features: The same rugged 118-horsepower engine (or an optional 125-horsepower fuel-injected engine); the same basic engineering throughout. Even the exterior dimensions are identical.

So your decision depends on whether you want a 2-door or 4-door sedan or a station wagon.

And which one will suit your family best . . . even after you've finished paying it off.



## A Volvo can relieve the congested feeling that goes with the common city.

Volvos aren't too big to be unwieldy in city traffic. And they're not too small to be comfortable inside. What they are is intermediate. (The 1971 readers' poll of *Car and Driver* magazine voted our 142/144 sedans best in this category of sedans.)

"Intermediate" means that passengers ride comfortably while the car isn't a sitting duck for aggressive taxi drivers and other menacing motorists.

You can get out of the way of speeding fire trucks because the steering is unusually responsive.

You can pick your openings because you can see them open up. A Volvo sedan offers excellent all-around visibility through 26.6 square feet of tinted safety glass.

You can park in spaces other drivers have to pass up. (The Volvo is a good two feet shorter than a Pontiac Le Mans.)

You still may not want to live in the city. But owning a Volvo makes it a pleasanter place to visit.



*The turning circle is a tight 30 feet 4 inches. Which means you can make a U-turn in two car lengths.*



*The Volvo station wagon has exactly the same wheelbase and length as the Volvo sedan. So it could have been parked in the same small space.*

**Exterior Dimensions and Weights**

Length	182.7 in.
Width	68.1 in.
Height	56.7 in.
Wheelbase	103.2 in.
Track, front and rear	53.2 in.
Ground clearance	7.1 in.
Curb weight, approx.	
142	2622—2732 lbs.
144	2677—2787 lbs.
145	2809—2897 lbs.



## We put a lot of thought into where you sit.

Volvos come with two bucket seats up front as standard equipment. They adjust in every direction but sideways. There's even an adjustable lumbar support for your back.

We've given as much thought to the back seat where three is not a crowd. At shoulder-height, the back seat is as wide as the two front seats plus the space in-between.

Back-seat passengers also enjoy parity with those up front when it comes to sharing the heat in winter. The heating system has separate outlets for front *and* rear passengers. So those in back don't get

their heat lukewarm. (For cold air in summer, ask your Volvo dealer about optional factory approved air conditioning.)

Seats in the Volvo sedans are covered with a long-wearing, washable, miracle material that won't bake you in summer or freeze you in winter. We call this miracle "cloth". It's similar to a material used on airplane seats. Is it as easy to clean? You bet it is.



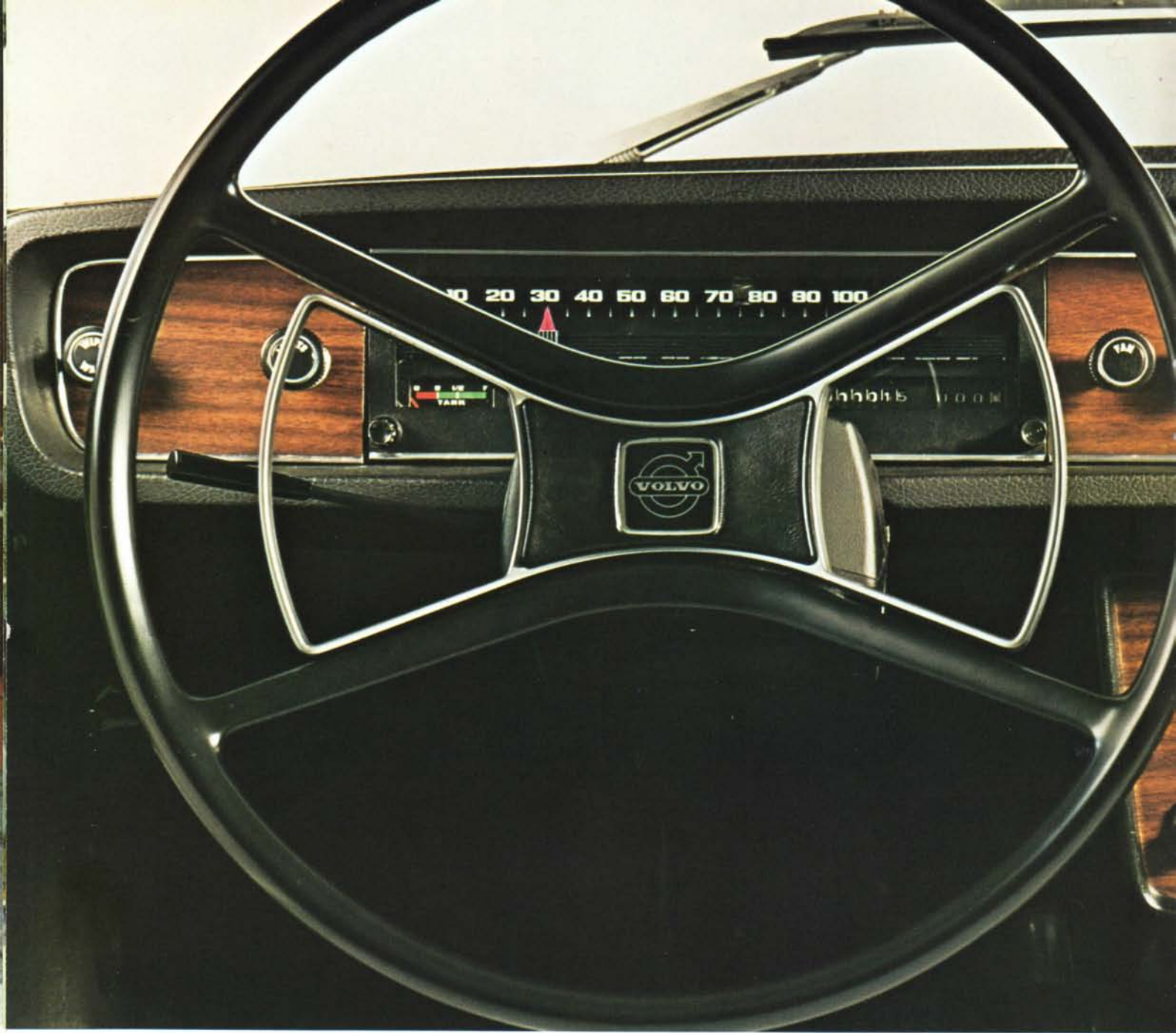
*The trunk is a deep well that can take your luggage standing up with room on top to stow the stuff you used to throw on the back seat. Unlike most car trunks, the Volvo's is practically nook-less and cranny free. There's a compartment for storing valuables under the floor of the trunk. Which is a secret to everyone but Volvo owners.*

#### **Interior Dimensions**

Front seat legroom  
maximum 40.9 in.  
Front seat headroom 37.4 in.  
Rear seat legroom  
minimum 39.2 in.  
Rear seat headroom 35.0 in.

#### **Heating & Ventilation**

A two-speed fan is used in conjunction with the thermostatically controlled heating system. Outlets for front and rear seats and windshield. Rear window heated electrically. Additional fresh air intakes fitted on body sides under dashboard. Air extractor vents, to remove stale air and increase ventilation, located below rear window on sedans and rear fender of station wagon.



## There's never a question about who's doing the driving...you or the car.

Automotive technology has reached a state where you can practically set some cars on automatic pilot and stare out the window.

Such is not the case with Volvo.

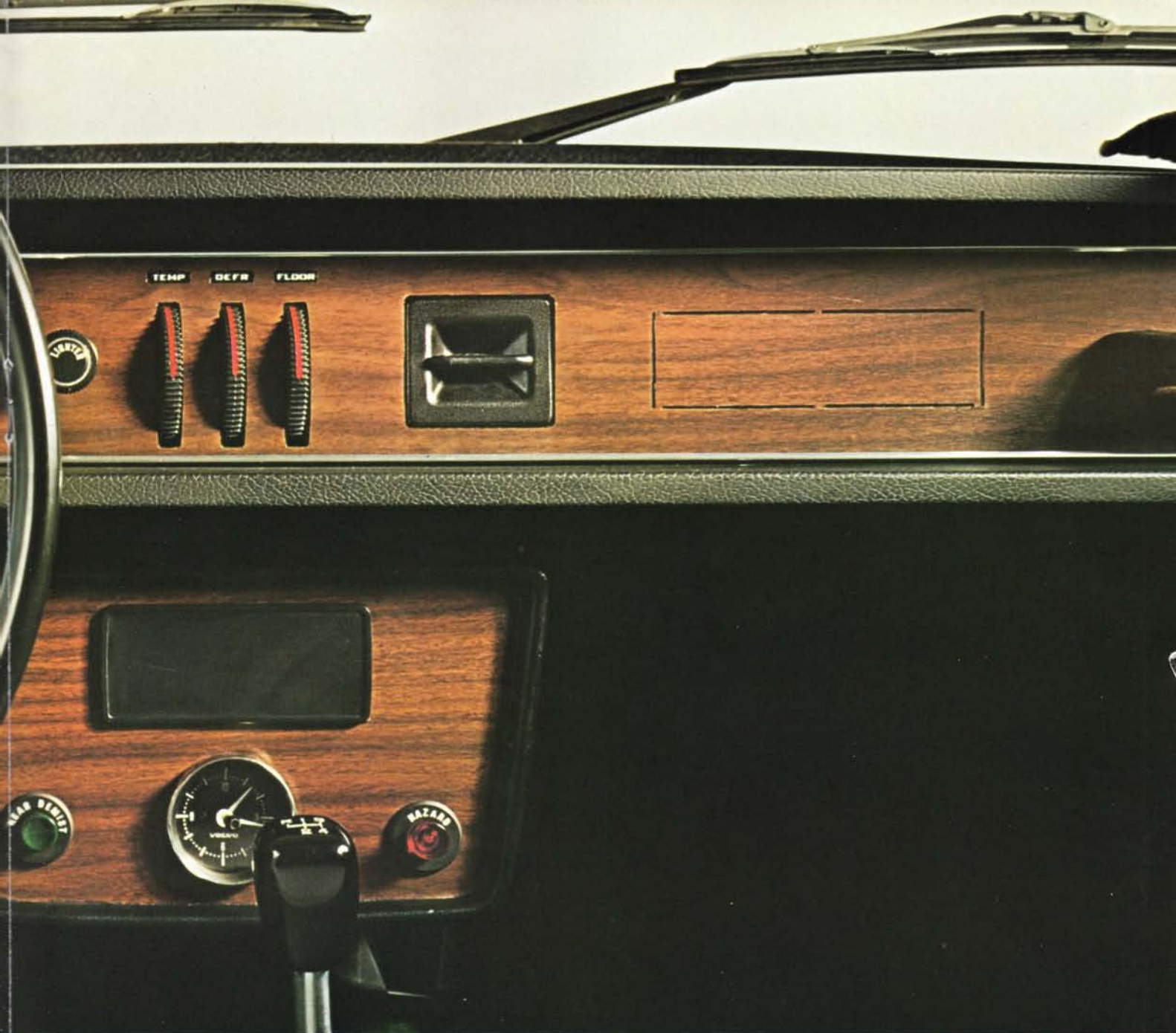
In a Volvo, you drive.

You perform this vanishing act with a smooth 4-speed synchronized transmission which is connected to a new remote controlled floor-mounted stick shift.

Your foot—not an electronic device—controls the speed of the car on the highway.

Your good judgement and an eye on the speedometer tell you when you're going too fast. And not a dashboard alarm.

In short, we give you credit for possessing more brains than our car. Which may be why so many brainy people like professionals and management types buy it.



*A new automatic transmission is optional. The selector is floor-mounted and designed to make it impossible to accidentally shift into Park or Reverse when you're going 65 miles an hour. Or any other speed.*



**Transmission and Steering Specifications**

Four-speed all-synchronized manual with remote control shift linkage.

**Ratios:**

1st	3.13:1
2nd	1.99:1
3rd	1.36:1
4th	1.00:1
Reverse	3.25:1

**Automatic Transmission**

Fully automatic with part-throttle kick-down functions. New remote control floor-mounted P-R-N-D-2-1 shift control. Transmissions are specially made for each engine type.

**Clutch**

Single dry disc clutch of diaphragm spring type. Mechanical control.

**Steering gear**

Cam and roller. Safety steering column. Four turns lock to lock. Turning circle diameter 30 ft. 4 in.



## Rather than make performance faster, we made it longer lasting.

We've made several improvements in the 140 series that will strengthen the Volvo reputation for holding up.

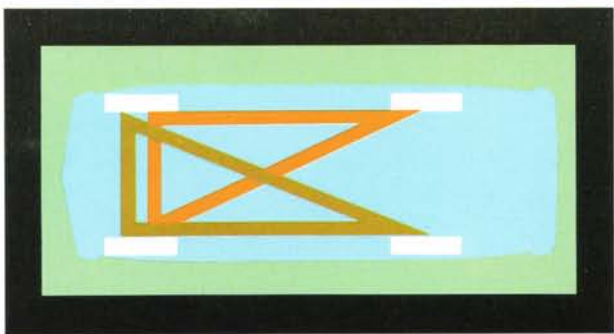
We beefed up the automatic transmission that goes with our optional fuel injection engine. (Since the engine's more powerful, we reasoned, the transmission should be too.)

Radial ply tires are standard this year because they can take curves more surefootedly than conventional tires. And last longer doing it.

The 4-wheel power disc brakes have been improved using a new brake pad material that's even more resistant to fade and wear than the material we used last year.

We can tell you that the steering gives a good, taut road feel; that the ride is on the firm side; that you always feel in control.

But those are just words. You have to take a test drive and get the feeling for yourself. You can take out either a sedan or the station wagon. The feeling is mutual.



*Volvo 140 series cars have 4-wheel power disc brakes and two separate braking systems. Each operates on the two front wheels and one rear wheel. Since each front brake furnishes 30% of the car's total braking power while each rear brake supplies 20%, you always have 80% of the car's braking power working for you even if one system fails.*

**Engine Specifications**

Type B20B: Four-cylinder, in-line, overhead valve, with dual induction emission control system, full-flow oil filter and thermostatically-controlled preheating system for air entering the carburetors.

Type B20F: Four-cylinder, in-line, electronically-controlled fuel injection engine with five-main-bearing crankshaft. Fuel pressure regulator and overflow sensor.

	<b>B20B</b>	<b>B20F</b>
Max. output (hp at rpm SAE)	118/5500	125/6000
Max. torque (ft. lb. at rpm SAE)	123/3500	123/3500
Displacement	121 cubic in.	121 cubic in.
Bore	3.50 in.	3.50 in.
Stroke	3.15 in.	3.15 in.
Compression ratio	9.3:1	8.7:1



## The Volvo wagon is big enough to cope with the unexpected.

With five passengers inside, the 145 has about 53 cubic feet of empty space behind the back seat. Which you can use to bring home the chest of drawers your in-laws wished on you.

With the back seat folded down, you lengthen the cargo area to 74 inches and open up a space of about 67 cubic feet. Enough to cart off the refrigerator that broke down on you.

With the 3.5-cubic foot secret compartment in the floor, you can hide the movie equipment you were going to film the Homecoming game with. But decided not to take into the stadium.

With the arrival of twins, you can go to your Volvo dealer and he'll install an optional third seat where the secret compartment is now. Then your compact Volvo wagon can seat 7 people. Which most people would never expect.



*Visibility is unusually good through the back window because it's equipped with an electrically-heated defroster and its own windshield wiper and washer. Even when the cargo space is filled to the roof you can still see around it: You get 2 outside rearview mirrors as standard equipment.*

**Cargo Space Dimensions**

Length with rear seat in use 44.5 in. Length with rear seat folded down 74.0 in. Maximum width 55.9 in. Height 32.9 in. Volume, rear seat in use, approx. 53 cu. ft. Volume, rear seat folded down, approx. 67 cu. ft. Maximum width of rear door opening 46.1 in. Maximum height of rear door opening 30.7 in.

**Standard Equipment Includes:**

Outside rearview mirrors. A pressurized gas cylinder to assist raising the tailgate. Easy-to-clean carpeting covering the cargo compartment floor. Vinyl leatherette covering on all seats. Electrically-heated rear window defroster. Windshield wiper and automatic washer for rear window. Underfloor compartment. Side-mounted spare tire.

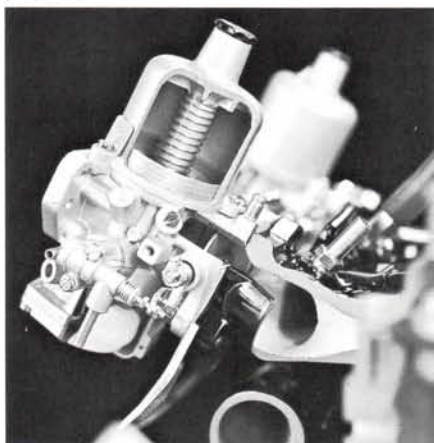
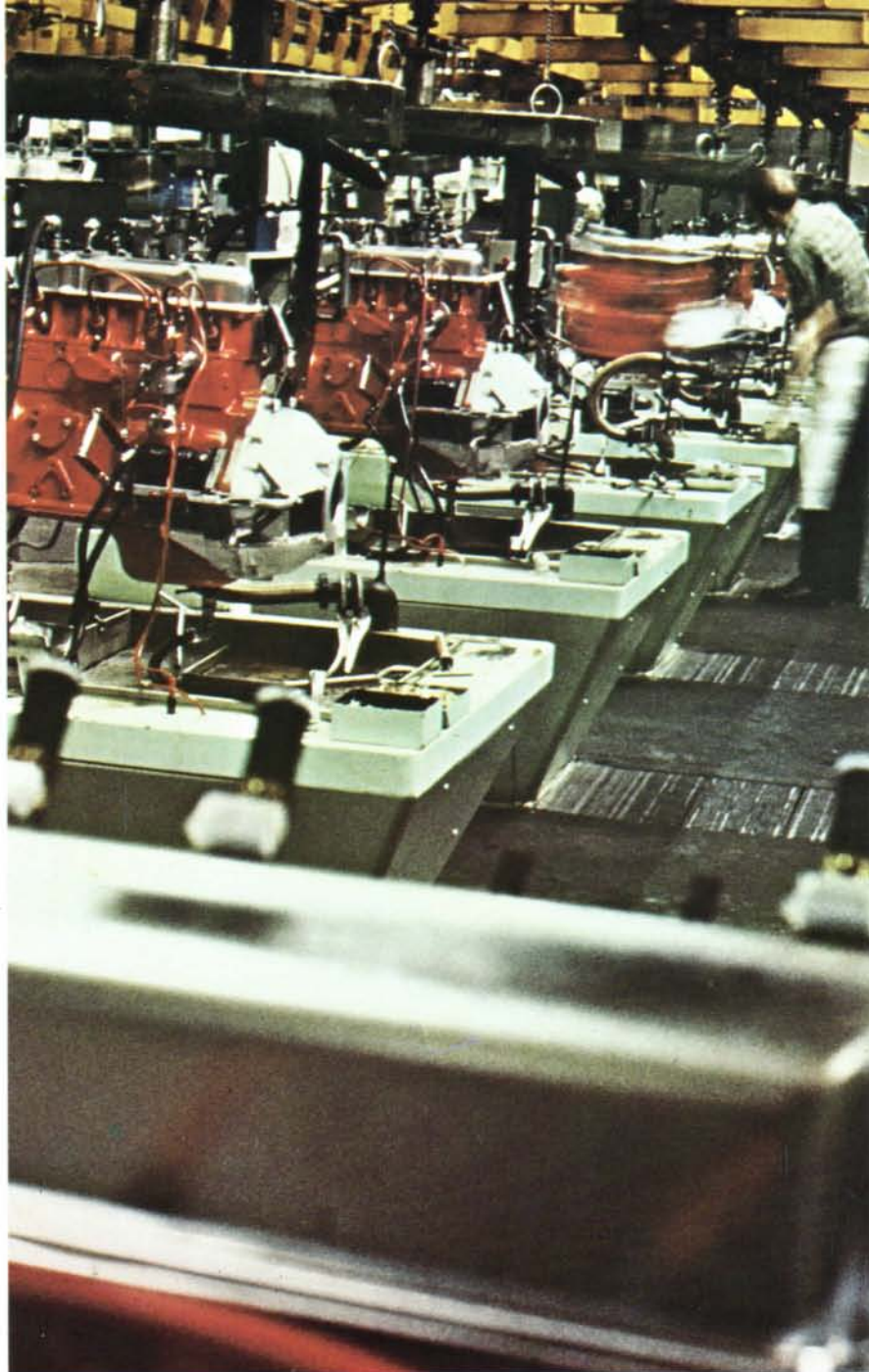
## While Volvos are built to outlast other cars, our engines are built to outlast Volvos.

We take particular care in the manufacture of our engines. We could increase the horsepower output 50% without increasing our cylinder capacity. But we don't because it would shorten engine life. (We don't increase our RPM's for the same reason.)

We even grind, machine and balance our own crankshafts rather than leave it to some outside supplier.

What we get is an engine that can pass this bench test: Run continuously at the equivalent of 90 mph for 60,000 miles. And survive. Volvo engines (like the ones in all three 140 series cars) pass this test. Continuously.

So you can count on a Volvo engine to keep going. Because of what it's already gone through. (This year, your Volvo dealer offers an engine option. You can have our 118-hp carbureted B20B engine as standard equipment. Or, for more money, you can get our 125-hp electronic fuel injection engine. It produces less exhaust emissions while increasing your gas mileage. Our Volvo sports cars have been equipped with fuel injection for two years.)



*The B20B two-carburetor engine runs smoothly even after a cold start in winter because the air that's fed to the carburetors is thermostatically pre-heated. So while you sputter about the freezing weather, your engine won't.*



*The fuel injection system on the B20F engine is controlled by this electronic device. It has sensors that take five readings: Air temperature and pressure, water temperature, throttle position and rpm's. It figures out how much gas the engine can be fed for greatest efficiency. And orders it fed. It makes carburetors unnecessary.*

# Specifications

The Volvo 140 Series consists of the two-door Volvo 142, the four-door Volvo 144 and the Volvo 145 station wagon. All are equipped with the 118-horsepower B20B engine or 125-horsepower fuel injected B20F engine. They are available with a fully-synchronized four-speed transmission or a three-speed automatic transmission with floor-mounted gearshift lever.

## Fuel system:

Gas evaporation control. Tank capacity 15.3 gallons.

## Cooling system:

Sealed with anti-freeze. Coolant circulation by engine-driven pump. Capacity 2¾ gallons. Transparent expansion tank.

## Electrical system

Voltage 12  
Battery Capacity  
60 Amp. hr.  
Alternator  
B20B Engine 35 A  
B20F Engine 55 A

## Rear axle

Hypoid Type  
Ratio: (Manual) 4.1:1  
(Automatic) 4.1:1

## Wheels and tires

Balanced pressed steel 5×15 wheels with safety rims. Stainless steel hubcaps. Whitewall radial tires 165SR15 on all models except 145.

## Brake system:

Power assisted four-wheel disc brakes. Twin circuits each operate on both front wheels and one rear wheel. Warning light turns on if one circuit fails. Single circuit provides 80% of full four wheel braking efficiency. Special rear wheel pressure relief valves prevent the rear wheels from locking before the front wheels during emergency braking. Front: Self-adjusting 10.7 in. discs—pad area 23 sq. in. Rear: Self-adjusting 11.6 in.

discs—pad area 14.4 sq. in. Parking Brake: Separate mechanically operated rear wheel drum brake system. Lining area 27 sq. in. Warning light on dashboard. Quick release handbrake lever located between driver's seat and door.

## Chassis:

Front suspension. Independent with rubber-mounted control arms. Steering knuckles supported by ball joints. Antisway bar. Coil springs with telescopic shock absorbers. No lubrication of front suspension and drive shaft components is necessary. Rear suspension. Solid rear axle carried by longitudinal rubber-mounted control arms. Transverse location by rubber-mounted track rod. Coil springs with telescopic shock absorbers.

## Body:

Integral all-welded steel. Completely rustproofed and undercoated. Passenger compartment surrounded with boxed steel members. Impact absorbing front and rear wraparound bumpers with full rubber inserts.

## Instrumentation:

Speedometer, odometer, tripmeter. Fuel gauge. Water temperature gauge. Alternator, oil pressure, headlight beam, directional signal, seat belt, parking brake, brake circuit warning lights.

## Lightning:

Steering-column mounted turn indicator and lane changer with high and low headlight beam control. Courtesy light. Rheostat controlled instrument lighting. Backup lights. Glove compartment light. Side marker lights. Emergency flashers.

## Other standard equipment:

Three-point automatic retracting front seat belts. Three lap belts for rear seat. Reclining front bucket seats with adjustable headrests. Padded

dashboard, sun visors, roof and interior. Expandable map pockets in front doors. Acrylic upholstery with vinyl trim. All-vinyl upholstery for the 145 Station Wagon. Passenger assist handles front and rear. Pull down armrest in rear seat (not 145). Thermostatically-controlled heater and defroster system. Two-speed electric blower. Direct air duct to rear seats. Two-fresh-air intakes. Air extractor vents below rear window on sedans and on rear fender of station wagon. Electric two-speed windshield wipers and windshield washers. Steering wheel lock incorporating ignition switch audible warning buzzer for ignition key. Electrically heated rear window. Tinted glass. Exterior rearview mirror. (two on 145). Interior day/night rearview mirror. Cigarette lighter. Front and rear ashtrays. Tool kit and jack. The station wagon is fitted with a rear window wiper and washer.

**Optional Equipment:** Includes: Air conditioning, AM, AM/FM and AM/FM Multiplex stereo radios. Stereo tape player. Roof racks. Ski racks. Limited slip differential. Fitted spare gas can. Bumper overriders. Trim package . . . and a wide variety of other equipment designed to tailor-make a Volvo 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.



The roof of every Volvo is held up by 6 steel pillars, each one strong enough to support the weight of an entire car. So even though you didn't see any "hardtop" styling in this catalog, you will definitely find a hard top car at your Volvo dealer's.

To protect your investment against rust and corrosion, a Volvo has: 33 pounds of paint

- 1 rust-proofing coat outside and inside
- 2 primer coats outside and inside
- 3 enamel coats (2 outside and inside)

2 undercoatings on the bottom of the car

- 1 of a sealing wax type gook
- 1 of a black asphalt like glop

Galvanized steel in exposed areas around the bottom of the car. Places like inner fender panels, rocker panels (under the doors), parts of the cowl, etc.

To protect you, a Volvo has:

- Breakaway steering column
- Shock absorbing padded dashboard
- World's best, easiest-to-handle seat belts.
- 4-way emergency flasher
- Double positive door latches
- Recessed door handles inside and out

# VOLVO

AB VOLVO GÖTEBORG SWEDEN

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Heisingborgs Lito

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