

**VOLVO**  
**240**  
AND  
**260**  
SERIES









*Volvo designs and builds its automobiles around people. To meeting their needs for comfort, safety and convenience.*



242DL/244DL/245DL

**ENGINE**

Model B21F in-line four cylinder; cast iron block with five main bearings, aluminum-alloy "cross-flow" cylinder head. Valves actuated by a belt-driven, overhead camshaft operating directly on bucket-type tappets. Induction by continuous-flow mechanical injection. Electric fuel pump. Ignition: solid state; no contact points.

B21F Lambda-Sond version, improved fuel economy and driveability. Incorporated in the exhaust manifold is an oxygen sensor to regulate air/fuel mixture.

Displacement ..... 130 cubic inches (2127 cc)  
 Bore X Stroke ..... 3.62 x 3.15 ins. (92 x 80 mm)  
 Compression ratio ..... 8.5 to 1  
 Type fuel required ..... unleaded regular  
 Horsepower (SAE net) . 104 @ 5500 rpm  
 (Calif: 99 @ 5200)  
 Torque (SAE net) ..... 114 ft. lbs. @ 2500 rpm  
 (Calif: same)

**COOLING SYSTEM**

Sealed "tropic" system. Translucent expansion/coolant recovery tank. Capacity: 9.9 quarts all-season coolant.

**DRIVE TRAIN**

Manual, four-speed, fully synchronized transmission. Remote, floor-mounted shifter.  
 Clutch: single disc, dry plate type. Electrically-activated overdrive (switch on shift knob) is optional.  
 Automatic transmission (optional): three-speed with torque converter, disc clutches, freewheels and built-in accumulators. Floor-mounted selector; illuminated quadrant with PRND21 pattern.  
 Manual ratios . . . . 1st, 3.71:1; 2nd, 2.16:1; 3rd, 1.37:1; 4th, 1.00:1; O.D. (optional), 0.80:1  
 Automatic ratios . . 1st, 2.45:1; 2nd, 1.45:1; 3rd, 1.00:1  
 Final drive (manual or automatic) . . . . . 3.91:1

**WHEELS AND TIRES**

5.5" J x 14" wide-offset stamped steel wheels. Steel-belted radial, white sidewall tires. Tire size: CR78-14 (DR78-14 for 245 DL).

**HEATING AND VENTILATION**

Thermostatically-controlled flow-thru system for fresh or heated air through 12 interior outlets. Two-stage, three-speed blower. Optional Volvo air conditioning utilizes same outlets and incorporates recirculating and dehumidifying features.

Anyone who drives an automobile is aware that forces on the spine are actually greater when sitting than standing. So in addition to an interior with exceptional knee and legroom for five adults, Volvo provides individual front seats that adjust *nine* ways—including one for the lumbar region of the back. Volvo-conducted and sponsored medical research has shown that firm

lower-back support, along with a properly reclined backrest can greatly reduce strain and fatigue. Because an anatomically-correct seat yields proven benefits, Volvo wouldn't consider anything less. Covering materials may differ, but the orthopedic construction of Volvo's front seats is the same in every model. Similarly, because Volvo is aware that the average adult breathes in seven

quarts of air per minute, the thermostatically-controlled heating and ventilation system has 12 outlets—two are under the front seats for rear seat passengers. And Volvo's container-like luggage compartment can handle enough cargo so the interior should rarely have to be a place for anything but passengers. For the driver, every version offers better than 90% all-around vision through

lightly-tinted glass and Volvo's safety-designed instrument panel conveys important information through gauges and an ingenious system of warning lights. In a Volvo, even the size and angle of the steering wheel are based on scientific study. The 1977 Volkos represent a uniquely comprehensive line of fully-equipped automobiles in which luxury doesn't

mean sacrificing practicality or economy at the expense of comfort and performance. The 265 GL wagon, for example, combines nearly all the features of the 264 GL sedan with a well integrated and spacious rear cargo area. It provides exceptional useable space and comfort in a wagon no larger than a Volvo sedan. You also have the option of carrying as many as seven people with the available

rear-facing third seat. And any of the 240s—the 2 or 4-door sedans or 5-door wagon—offer the efficiency and economical performance of Volvo's overhead camshaft 2.1-liter Four with fuel injection, the fine road-holding suspension, braking (power four-wheel discs), rack and pinion steering and the same rugged unit-construction that you'll find in the 260s.



## Durability and safety: The toughest standards are Volvo's own.

Simply put, Volvo believes that there can be no shortcuts to quality, nor any compromises for durability and safety. And because any automobile is no better than its weakest component or feature, Volvo exhaustively tests and evaluates each design, system and part.

Volvo's success in building cars that can stand up to desperate conditions ranging from polar winters to tropical summers is a testimony to careful design and development. It's little wonder that in the years the Swedish Motor Vehicle Inspection Company has collected data and compiled durability statistics, Volvo has always been the make with the longest life expectancy. The most recent figures show the average serviceable life of a Volvo in Sweden to be 16.5 years!

Volvos are built to last, but this near-legendary durability means much more than potentially-long service and high resale value. It's a key factor in the safety that's been designed into every Volvo. And regardless of whatever else you might seek in an automobile—personal luxury, economical family transportation, performance or utility—safety and peace of mind are certainly paramount. The inherent structural strength and torsional rigidity of Volvo's welded unit-body (with a passenger compartment surrounded by a safety "cage" strong enough to have supported seven tons) are the foundations for overall occupancy protection. To insure that these features offer optimum safety for the life of a Volvo, structural and mechanical components are designed to be as durable as Volvo's paint finishes are beautiful.

Highly exposed parts, such as inner fenders, which Volvo stamps with special patterns to allow them to crumple at a controlled rate under severe impact, are made from zinc-coated (galvanized) steel. Every Volvo body contains more than 37 square feet of this rust-resistant material.

Door sills (rocker panels), chronic rust spots which can seriously undermine the integrity of some cars' construction, are cavity ventilated in a Volvo so moisture



won't be trapped. Volvo tailpipes and mufflers are aluminum plated and to insure the safety and dependability of Volvo's dual braking system, which can deliver at least 80% full-braking effectiveness even with one circuit disconnected, brakelines are made from a durable

copper-based alloy. This material is all but corrosion-proof and another of the many thoughtfully engineered details which you might never see or possibly be aware of, but are designed to help make owning and driving the kind of experience you'd like it to be.



### General Information

#### DIMENSIONS

Wheelbase	104.0 inches
Overall length	193.0 inches
Overall width	67.1 inches
Overall height (sedans/wagons)	56.5/57.5 inches
Fuel tank capacity	15.8 gallons

#### BODY

Welded, unit construction with energy absorbing front and rear structures. Rust susceptible panels made of galvanized steel. Two separate undercoats. Stainless steel and non-corrosive polycarbonate trim and bright-work. Partly-aluminized exhaust system.

#### BRAKING

Self-adjusting disc brakes on all four wheels. Front rotors of 260 series, ventilated. Tandem-type 4:1 power assist. Two proportioning valves automatically adjust front/rear braking bias. Dual hydraulic systems connect both front wheels and one rear wheel on separate circuits. Stepped-bore master cylinder permits braking with normal pedal effort should one circuit fail. Mechanical center handbrake operates drum brakes on rear wheels.

#### STEERING

Rack and pinion type with safety column. Power-assist standard on 260 series, 245 and 242/244 equipped with automatic transmission. Ratios and number of turns lock to lock: manual, 21.4:1, 4.34; power-assisted, 17.3:1, 3.5. Turning circle, all models: 32'2"

#### INSTRUMENTATION AND OPERATING CONTROLS

Dashboard: Sealed speedometer with six-digit odometer and separate tripmeter. Fuel level and engine temperature gauges. Warning lights for alternator charging, oil pressure, high beams, overdrive, parking brake, hydraulic system failure or low fluid level and low beam, brake or tail light failure. Quartz crystal clock, illuminated, locking glove box and adjustable air outlets.

Steering column: Combined levers for high and low beam operation, turn and lane change signals, windshield wipers and washers.

Center console: Switches for electrically-heated rear window, power front windows (260 series only), four-way hazard lights, rear window wiper and washer on station wagons. Temperature and power-speed controls, cigarette lighter and ashtray, rheostat switch for panel illumination and optional radios and tape systems.

Take an opportunity to see and drive a new Volvo at any of nearly 500 sales and service facilities. There, your dealer will be happy to explain and further demonstrate that of all the things that go into a Volvo, the ones that Volvo will always consider most important are people.



# VOLVO

## Standard Equipment

### 240 SERIES

### 260 SERIES

Standard Equipment	242/244				245			264GL 265GL	
	Four-speed	Overdrive and Sunroof	Automatic	Automatic and Sunroof	Four-speed	Overdrive	Automatic	Automatic	Automatic
Overhead cam cross-flow engine									
Light-alloy V-6 engine									
Fuel injection									
Solid-state ignition									
4-speed manual transmission									
Electrically-activated overdrive									
3-speed automatic transmission									
4-wheel disc brakes									
Ventilated front discs									
Power-assisted brakes									
Separate parking brake									
Rack-and-pinion steering									
Power-assisted steering									
Whitewall steel-belted radial tires									
Fully-adjustable front bucket seats									
Adjustable lumbar support									
Cloth upholstery									
Vinyl upholstery									
Leather-faced upholstery*									
Heated driver's seat									
Electric rear window defroster									
Tinted glass all around									
Day/night rearview mirror									
Wheel rings and protective side trim									
12-outlet heating and ventilation system									
Integrated air conditioning									
Lockable glove compartment									
Trunk and engine compartment lights									
Full interior carpeting									
Deep-pile carpeting									
Make-up mirror									
Quartz crystal clock									
Storage pockets in front doors									
Pockets in back of front seats									
Childproof rear door locks									
Four 3-point self-adjusting safety belts									
Two separate undercoats									
Metallic paint									
Stereo speakers									
Windshield antenna									
Passenger assist handles									
Bulb integrity sensor									
Electric windows									
Sliding steel sunroof*									
Wheel trim rings									
Power remote-controlled mirrors									
Electric rear window wiper and washer									

\*264 GL without sunroof has velour upholstery.

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.