

240



VOLVO



It was called the Jakob, and it was Volvo's very first car. Those who watched it appear from within the Hisingen production plant, sixty years ago, could not fail to be impressed by its simple, elegant appearance. This was fortunate, as the Jakob's naturally-fin-



ished wooden spoked wheels (which were an option) and classic dark blue body would remain a familiar sight on Swedish roads for some years to come. Quite simply, the company saw little reason, if any, to change it.

Volvo's engineers took pains to imbue their maiden effort with five very timeless elements: quality, safety, longevity, durability, and value. And, having achieved this rather notable goal, they saw no reason to retreat

from it—a philosophy that persists today.

The 240, like the Jakob, has been on the road for quite some time—since 1974, in fact. Outwardly, it would appear to have changed little, and that in fact is the case. Of course, during its 14-year

life, Volvo has worked tirelessly to refine the 240's design and engineering. That consistency has paid off: the tried-and-true 240 upholds the Volvo tradition by maintaining a reputation for safety, durability, and quality.

At Volvo, the more things change, the more they stay the same. Considering the 240, we think you'll agree that's something to be proud of.

**T**he more things change...



**Safety** Volvo's crash safety system is based on a simple, three-fold approach. Initially, the front and rear designed-in "crumple zones" help to absorb collision forces. Next, the passenger compartment is designed to act as a "safety cage"; and, finally, the three-point seat belts and interior design help form a last line of defense.

The steering column, too, helps to absorb impact in three ways. The padded surface helps shield you from a slight bump. In more serious situations, the wheel is designed to align with the driver's body, for more uniform force distribution. In a severe crash, the entire unit has been designed to disengage and telescope into a sleeve.



Volvo introduced our patented, three-point seat belt in 1959. Since then, we've added the inertia reel, tulip-model clasp, and the push-button lock. In the 240, the fuel tank is positioned near the rear axle, away from passengers; and hydraulic bumpers help cut down on minor but costly "fender benders".

**Body** We've increased corrosion protection, so that rust-proof Zincrometal\*\*, galvanized steel, and thick anti-corrosion treatments cover virtually the entire 240 body—including closed body panels. The underside which is especially prone to corrosion, receives treatment with abrasion-resistant paint, an asphalt compound, and an additional bitumen coating in the rear wheel housings. Finally, a rustproofing oil is sprayed on the underside of the engine components.\*\*



Both the paint and the process of its application do battle with rust as well. Volvo's unique seven-step paint process begins with an electro-dip primer bath; continues with abrasion-resistant paint; a coating of surfacer; stone-chip-resistant paint below the beltline; four coats of sealer above the belt and five below; a wet-on-wet top coat; and as a finishing touch, a clear coat on metallics.

**Dynamic Safety** Quite simply, dynamic safety means designing systems with a single goal in mind: to help provide consistent, predictable vehicle behavior regardless of the driving

A fully synchronized, five-speed manual transmission is standard on the 240 DL. A four-speed automatic is optional with charge on the 240 DL; it is standard on the 240 GL models.

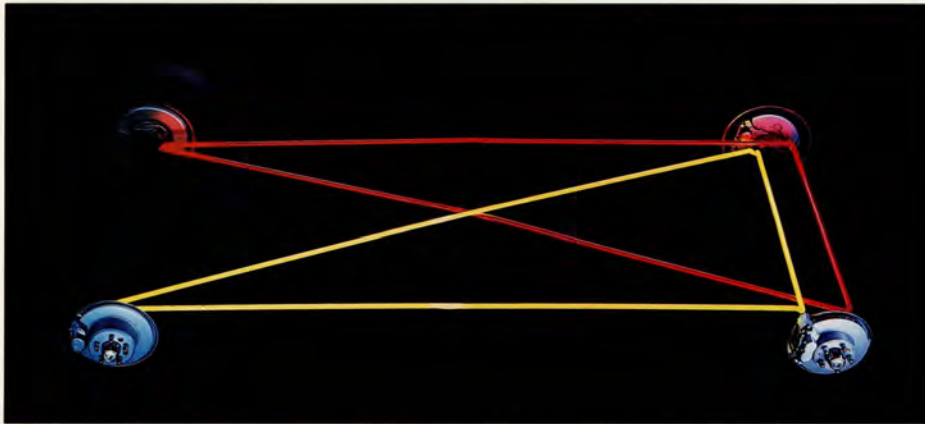




situation. For example, the rear wheel suspension system is designed for solid road holding. Power-assisted, rack and pinion steering helps provide you with a good sense of the car's reactions, for optimal maneuverability. And the wheel suspension, shocks, stabilizers, tires, even the torsionally stiff body, are

designed to help enhance driver control.

In Volvo's remarkable dual triangular-split, four-wheel disc brake system, each circuit controls three wheels. As a result, if one circuit fails, approximately 80 percent of total braking power remains, and without significant change in required pedal pressure—thanks to the unique design



of Volvo's stepped-bore master brake cylinder. To help combat wheel lock-up, the 240 incorporates a special relief valve, to help distribute braking effect equally between front and rear wheel disc brakes when you hit the pedal hard.

**S**afety, durability, and quality are primary design considerations



**Engine** The 240 Series Volvos feature our in-line, four-cylinder B230F gasoline engine, with single overhead camshaft, electronic ignition system with spark advance and knock sensor, LH-Jetronic fuel injection, and Lambda Sond\* emission control. It's a low-friction power plant with a highly efficient lubrication system, lightweight pistons, and a precisely balanced crankshaft.

**Comfort** Volvo's orthopedically-designed front bucket seats help provide support and comfort even on long journeys. Both front seats are adjustable—and heated.

The instrument cluster is clearly lighted and remains easy to read, day or night. The console has been positioned for ease and speed of access. Visibility from the driver's seat has been maximized with slim-line pillars.

Finally, Volvo's heater/ventilation system works to balance interior and exterior climates. The twelve outlets—including separate channels to the back—result in a fresh, moderate environment.

\*Zincrometal is a registered trademark of the Diamond Shamrock Corporation.

\*\*Volvo cars are thoroughly undercoated and rustproofed at the factory. The application of additional rustproofing products is not recommended by Volvo at the time of new car purchase. Additional rustproofing at that time is not only unnecessary it could cause problems if non-Volvo products were chemically incompatible with the Volvo factory applied protection.





**T**raditional

Volvo virtues:  
the 240 sedans

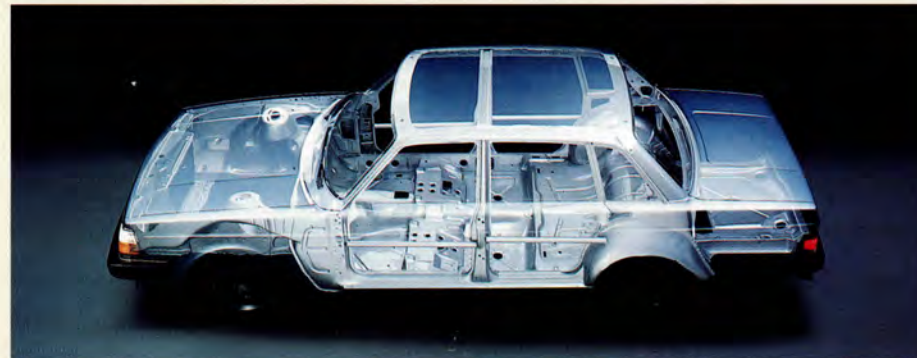
No car more perfectly expresses the basic Volvo philosophy than a 240 sedan. It remains the signal realization of all those automotive values we have most sought to achieve. If it's a Volvo, you know that it has been designed with safety, quality, and durability as primary considerations.

Of course, all those solid virtues don't preclude dependable handling, a substantial measure of comfort, and a long list of standard equipment. Whether your preference is for the 240 DL, or the more luxuriously appointed 240 GL, you know you're getting the very best we can offer—and that a 240 sedan is designed to meet your expectations for all the years it's on the road.



"User-friendly" best describes the 240's instrument console. With a cover angled to reduce glare, adjustable panel lights, and controls located within easy reach, you can command your sedan safely and in comfort.

The design of the 240's passenger compartment "safety cage" exemplifies Volvo's commitment to your well-being. That commitment includes many other design features, such as "crumple zones", tubular steel bars in the doors, a steering column designed to collapse in a controlled manner, and strong box-shaped roof pillars.



These merit badges are awarded to Volvos with exceptionally high mileage. Since the 240 is designed for durability, and is one of the world's longest-lived cars, almost every one is a winner.



All 240 sedans have as standard\* equipment: power-assisted rack and pinion steering; power-assisted, four-wheel disc brakes; air conditioning; central locking; rear window defogger; heated, adjustable front bucket seats; and dual, anti-glare outside mirrors—to name just a few. Our 240 GL sedan has additional amenities: power windows, a manual sunroof, 25-spoke alloy wheels, and more luxurious upholstery.

\*A more complete list of standard equipment and upholstery is on the inside back cover and the back cover.



Volvo's front seats are the result of hundreds of hours of ergonomic research. Extensively adjustable, they actually deliver orthopedic benefits.

# SEDANS



**F**lexible  
cargo  
handlers

The term "utility vehicle" invariably summons up an ugly, unwieldy, uncomfortable colossus that sounds like a truck and, worse, drives like one. That's why, for all those in need of a spacious, flexible, multi-functional vehicle, the 240 wagon comes as such a welcome surprise. It is, incredibly, the same length and width as the sedan, and incorporates all its handling capabilities as well. What's more, the 240 wagon's design reflects our concern for passenger safety—a special consideration for those with children. Yet the multi-use cargo compartment proves a model of flexible function. We've tried to think of everything—there's even a removable rear seat cushion, for an extra added measure of cargo length.

The 240 DL and the more elegantly appointed 240 GL—both proof that a station wagon needn't be a burden to carry one.





A rear window wiper-washer is standard equipment on the 240. There's a rear defroster, too. Both help maintain the driver's excellent all around view of the outside world.



A concealed lockable storage compartment beneath the cargo floor is just the place for small valuables. The compartment is but one example of the many functional amenities that you'll find in Volvo's carefully thought-out wagons.

The 240 wagons have a 32-foot, 2-inch (9.8m) turning circle; that's more maneuverability than you'll find on some smaller cars. We think you'll appreciate it—especially when slipping into an unforgiving parking spot.




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The standard equipment\* on all 240 wagons includes: power-assisted rack and pinion steering; power-assisted, four-wheel disc brakes; air conditioning; central locking; rear window defogger; heated, adjustable front bucket seats; and dual, anti-glare outside mirrors. The 240 GL also has power windows, distinctive 25-spoke alloy wheels, and luxurious upholstery.

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\*A full listing of standard equipment and upholstery can be found on the inside back cover and the back cover. Roof racks are optional with charge.

You're looking at 76 cubic feet (2.2m<sup>3</sup>) of cargo space. With a floor more than six feet long and almost four feet wide, the only thing more impressive is how easy it is to access.



# WAGONS



The six cargo tie-down rings, removable rear seat cushion, extra dome light, wear-resistant carpet, and vertically-stored spare tire all work to make the 240 wagons user-friendly.

At Volvo, our goal remains total customer satisfaction. To help accomplish that goal, we've created a pair of powerful tools, designed to render your driving experience as worry-free as humanly possible.

We think you'll appreciate the round-the-clock, 365-day-a-year protection of Volvo On Call<sup>SM\*\*</sup>—one of the most comprehensive road assistance programs offered by an automaker.

□ A toll-free emergency road service number. No matter where you are in North America, you'll be patched through to one of our rep-

resentatives. If necessary, a tow truck will be dispatched to attend the problem on the spot. Your car will be towed to the closest Volvo dealer, or an affiliated garage (whatever your choice), or wherever you want to be towed (though you'll be billed beyond a 10-mile/15km limit if you want to be towed beyond the closest Volvo dealer or affiliated garage).

□ If you have a warrantable breakdown 150 miles (250km) or more from home, both you and your spouse will be reimbursed (for up to \$250 USD /\$350 CND per person) for food, lodging, car rentals, and commercial transportation, for as long as three days.\*

□ Volvo On Call will also reimburse you up to \$100 USD /\$130 CND for a locksmith's services, should you lock your keys in the car; and provide an emergency cash advance of up to \$100 via Western Union, if your wallet is lost or stolen 100 miles (150 km) or more from home.

□ On Call completes the package with an extensive trip routing service, including maps, travel planning suggestions, and a helpful checklist; as well as a 24-hour, toll-free travel service number, for

booking domestic and international air reservations, rooms, and cars.

\*Please consult our 1988 Warranty Information booklet for details and limitations on the benefits of our new car warranty.

\*\*On Call is a service mark of Volvo North America Corporation; the program is administered by Amoco Motor Club. Please see our On Call booklet for details and limitations on benefits.

\*Residents of the State of New York are not covered by the trip interruption section of the Volvo On Call program because of New York State Law. New York resident owners are eligible for all other Volvo On Call benefits. If a Volvo has trouble in New York and the owners live outside the State, the trip interruption provision of On Call is available to them because they would be filing for reimbursement outside the State of New York.



# A

philosophy of service

## Standard Equipment

### 240 Series Models

Front spoiler  
Five mile/hour bumpers (8km/h)  
Halogen high and low beam headlights  
Tinted windows, with dark tint band along the top of the windshield  
Dual, anti-glare outside mirrors  
Steel-belted radial tires  
Power-assisted brake and steering systems  
Air conditioning  
Centrally-controlled door locking system including tailgate or trunk  
Electric rear window defroster with timer  
Integral front side window defoggers  
Rear fog lights\*  
Four three-point, inertia reel seat belts; one lap belt for rear-center passenger

Adjustable front bucket seats  
Adjustable lumbar support on front seats  
Heated front seats with on/off switches  
Full interior carpeting, including trunk/cargo area  
Armrest pass-through to trunk on sedans  
Warning buzzer for headlights, key, seat belts  
Illuminated, lockable glove box with vanity mirror  
Door panel storage pockets  
Instruments: 120 mph (220 km/h) speedometer, odometer, trip odometer, quartz crystal clock, fuel gauge, temperature gauge  
Luggage/cargo compartment light  
Engine compartment light  
Headlights switch off automatically when the ignition is turned off  
Interior light delay to assist you in finding ignition, etc.  
High-mounted rear brake light  
Spare wheel cover

### *Wagons have in addition:*

Rear window wiper/washer with intermittent cycle for mist  
Cargo tie-down rings  
Lockable storage compartment beneath the cargo area floor  
Removable rear seat cushion

### *240 GL models have in addition:*

Power windows  
Manual sunroof with pop-up wind deflector (on sedan only)  
Front seatback storage pockets  
Special 25-spoke alloy wheels

### *Upholstery*

240 DL sedan: cloth.  
240 DL wagon: vinyl.  
240 GL sedan: plush velour; leather is optional with charge.  
240 GL wagon: leather.

\*Subject to state and local laws.



he 1988 Volvo 240s at a glance

## Specifications for all Volvo 240 Series Sedans and Wagons

### Dimensions and Weights

Wheelbase	104.3 in.
Overall length, sedans wagons	189.9 in. 190.7 in.
Overall height, sedans wagons	56.3 in. 57.5 in.
Overall width	67.3 in.
Front track	56.3 in.
Rear track	53.5 in.
Front headroom	37.9 in.
Rear headroom, sedans wagons	36.1 in. 36.8 in.
Front legroom	40.1 in.
Rear legroom, sedans wagons	36.4 in. 36.1 in.
Trunk capacity	13.9 cu. ft.
Cargo capacity, with rear seats up with rear seats down	41.1 cu. ft. 76.0 cu. ft.
Towing capacity	3300 lbs.
Approximate curb weights, 240 DL sedan 240 DL wagon 240 GL sedan 240 GL wagon	2928-2954 lbs. 3047-3073 lbs. 2987 lbs. 3093 lbs.

### Engineering Features

#### Unitized Body:

Central passenger safety cage with energy absorbing front and rear ends. Rustproofing includes use of zinc-coated steel for entire body except the roof and roof pillars; extensive undercoating and special stone-chip-resistant paint below the belt line. Aluminized muffler.

#### Steering System:

Power-assisted rack and pinion steering; 32'2" (9.8m) turning circle, 3.5 turns lock to lock.

#### Braking System:

Power-assisted, four-wheel disc brakes; separate rear drum parking brakes; dual triangular brake circuits; stepped-bore master cylinder.

#### Front Suspension:

McPherson struts with coil springs and telescopic shock absorbers, 19mm stabilizer bar.

#### Rear Suspension:

Live rear axle located by longitudinal control arms and torque rods, lateral location by track rod, coil springs, telescopic shock absorbers, 19mm stabilizer bar on sedans (16mm on wagons).

#### Engine:

In-line, four-cylinder B230F gasoline engine with single overhead camshaft, electronic ignition system with spark advance and knock sensor, LH-Jetronic electronic fuel injection, and Lambda Sond<sup>®</sup> emission control.

Displacement	141 cu. in. (2.32 litres)
Compression ratio	9.8:1
Horsepower, SAE-net	114 @ 5400 rpm
Torque, ft. lbs., SAE-net	136 @ 2750 rpm
Fuel tank capacity	15.8 gals. (60 litres)
Battery/Alternator	60 amp-hr/80 amp

#### Transmissions:

Manual (240 DL only)—fully synchronized, five-speed with shift indicator light. Rear axle ratio: 3.31:1. Automatic (optional with charge on 240 DLs; standard equipment on the 240 GLs)—four-speed with overdrive fourth gear; floor-mounted shift lever. Rear axle ratio: 3.73:1.

Some of the information in this catalog may be incorrect due to product changes which may have occurred after we went to print. Some of the equipment described or shown may now be available only at extra cost. Before ordering, ask your Volvo dealer to bring you up-to-date.

The manufacturer reserves the right to make changes at any time, without notice, to prices, colors, materials, equipment, specifications, and models. Roof racks are optional with charge.

# VOLVO

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Printed in the United States of America  
DM&P-03-0887-140.0-USA-240

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**VOLVO**

**A complete line of accessories is available to help you personalize your Volvo. The items shown and listed on this page are only a few of our most popular items. Please consult your Volvo dealer for detailed information concerning these and additional accessories.**

- Cruise Control
- Air Conditioner (Canada)
- AM-FM Stereo Cassette
- Leather Steering Wheel
- Leather Shift Boot
- Power Sunroof Kit (U.S.)
- Sunroof Wind Deflector (U.S.)
- Sheepskin Seat Covers
- Rear Head Restraints
- Watchdog Electronic Anti-Theft Alarm System
- Lockable Gas Cap
- Front Fog Lights
- Ski Rack
- Ski Tunnel
- Cargo Guard
- Remote Control Mirrors
- Power Windows
- Battery Warmer
- Block Heater
- Luggage Cover

Auxiliary Seat Our auxiliary third seat is equipped with three-point seat belts, armrests, and integrated head restraints. It allows two additional passengers (max. 88 lbs./40 kg) to sit in comfort. Folds down when not in use. Available in colors to complement your interior.



Roof Rack Our Roof Rack is available in stainless steel or chip-resistant black, and is supported with bases plated in chrome. The rack adds increased flexibility to your Volvo wagon's load carrying ability.



Child Safety Seat The new Volvo Child Safety Seat helps protect your child with a unique five-point safety belt system. For added protection, the seat is reinforced with metal. Installs in front or rear seat. Volvo recommends that children ride facing the rear, in the front seat position. For children who have outgrown their child seat, the Volvo Child Cushion allows them to buckle up with an adult belt.



Trailer Hitch This hitch was engineered specifically for Volvo. It attaches to the vehicle frame for maximum strength. Ball and draw bar are removable for storage when not in use. Rated at 3300 lbs./1500 kg.

Floor Mats To protect your carpeting, these mats have been designed to the exact contour of your car's floor area. Mats come in colors that match your interior and are available in complete sets that include both front and rear.



# ACCESSORIES