

# Volvo

Volvo, Inc., Rockleigh, New Jersey 07647 Tel: (201) 768-7300 N.Y.C. Tie-line 564-2216  
Contact: Richard B. Bauer

For Release on Friday April 19th

## VOLVO INTRODUCES NEW STATION WAGON

With sales at record highs, Volvo of Sweden today introduced a new model automobile on the American market. Called the 145 S, the new four door station wagon shares body styling and engineering features with Volvo's 140 Series sedans which the company launched here during 1967.

The 145 S, which is six inches longer and four inches wider than the 122 S station wagon it replaces, has an East Coast Port of Entry price of \$3395 (West Coast \$3495).

Chief styling features of the new model are interior room and visibility. Using a compact car wheelbase of 102 inches, Volvo engineers have succeeded in providing passenger and cargo space comparable to medium size domestic station wagons with wheelbases of more than 110 inches.

Seventy cubic feet of carpeted cargo area is supplemented by an extra compartment for tools plus four more cubic feet of storage space hidden beneath trap doors in the floor. The basic cargo space is almost three feet high, more than four feet wide and more than six feet long.

A large one-piece tailgate door, 31 inches wide and 46 inches high, assures easy loading and an extra large rear window compliments the wide visibility that is a design feature of 140 Series Volvos. Glass area of the 145 S totals 4,608 square inches, 20% more than the glass area of the 122 S station wagon.

Passenger comfort centers around the front seats which contain two exclusive features - - variable back support and an anti-whiplash device. Turning a knob increases or decreases the tension of special strips inside the seat back which alter the seat's shape in the critical area contacted by the lower part of a person's back. A special friction clutch allows the seat backs to recline at a controlled rate should the automobile be hit from the rear. Adding to whiplash protection are adjustable headrests and the car is equipped with the three-point lap/shoulder seat belt system pioneered by Volvo.

Front seat legroom and headroom both are more than 37 inches, rear seat kneeroom exceeds 12 inches, and entry into the car is eased by wide doors which open almost 90°.

The 145 S station wagon as well as the two-door and four-door 140 Series sedans are equipped with Volvo's exclusive dual circuit brake system which operates on three wheels per circuit. According to Volvo engineers, three wheel braking is 80% efficient compared to the 30% to 70% efficiency of existing dual systems that work only on two wheels. With three wheels braking instead of four, the 145 S requires just ten more yards to stop from 60 m, p, h. Complimenting this unique dual system, the 145 S has power disc brakes on all four wheels as standard equipment.

Powerplant for the new 145 S is Volvo's most powerful engine. Rated at 115 horsepower at 6,000 revolutions per minute, this engine is mated to a standard four-speed transmission or an automatic transmission and to a 4.56:1 rear axle to assure satisfactory performance when the automobile is fully loaded.

According to Stig Jansson, president of Volvo, U. S. A. , the 145 S complies with current federal safety and anti-smog laws and, in fact, exceeds them in many areas, Mr. Jansson states. Occupant protection and dual circuit brake performance are two examples. The car also is equipped with four safety features not required by law. These are energy absorbing front and rear body sections, anti-whiplash seats, safety wheel rims and special rear brake pressure relief valves that provide better braking stability during an emergency.

Mr. Jansson predicts that Americans will buy close to 40,000 Volvos this year compared to the 33,000 they bought in 1967. The new 145 S will account for approximately 17% of that total, he said.

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### SPECIFICATIONS VOLVO 145 S Four-.Door Station Wagon

#### ENGINE & DRIVE TRAIN

Maximum Output (at 6000 r, p, m.)	115 b, h, p.
Maximum Torque (at 4000 r.p.m.)	112 ft. lbs.
Compression Ratio	10.0:1
Capacity	1780cc/109 cu, in.
Number of Cylinders	4
Bore & Stroke	3.313" x 3.150"
Carburetors	Twin 1-3/4" SU horizontal
Crankshaft Main Bearings	5, 42.8 sq, in.
Cooling System	2-1/4 gals, sealed
Transmission (standard)	4-speed, full synchromesh
Gear Ratios:	
1st Speed	3.13:1
2nd Speed	1.99:1
3rd Speed	1.36:1
4th Speed	1.00:1
Reverse	3.25:1
Transmission (optional)	3.-speed automatic
Final Drive Ratio	4.56:1

#### BODY

Chassis Construction	Unit
Length	182.7"
Width	68.1"
Height	57.0"
Wheelbase	102.5"
Track, front and rear	53.0"
Ground Clearance	7.0"

#### SUSPENSION

**FRONT:** Independent with rubber-mounted control arms. Steering knuckles supported by balljoints. Anti-sway bar. Coil springs with telescopic shock absorbers.

**REAR:** Solid rear axle carried by longitudinal rubber-mounted control arms. Traverse location by rubber-mounted track rod. Coil springs and auxiliary rubber springs with telescopic shock absorbers.

## INTERIOR DIMENSIONS

Cargo space volume	70 cu, ft.
Cargo space, max. length	74"
Cargo space, min, length	44.5"
Cargo space, max. width	52"
Cargo space, min, width	42"
Cargo space, height	33"
Tailgate opening, max, width	46"
Tailgate opening, min, width	41"
Tailgate opening, height	31.5"
Front seat width, hip height	56"
Rear seat width, hip height	54"
Roof height, front seat	37.5"
Roof height, rear seat	37.5"
Distance from steering wheel to front seat backrest	18,9"
Distance from pedals to front seat backrest	37.8"
Width, front doors	35.4"
Width, rear doors	32,7"

## GENERAL SPECIFICATIONS

Curb Weight (approx. )	2,870 lbs.
Gas Tank Capacity	15.5 gals.
Electrical System	12V
Tire Size	165 S 15
Rim Size	4.5" x 15"
Steering Turns Lock to Lock	4
Turning Circle Between Curbs	30'4"
Brakes	4-wheel discs
	Total swept area 417 sq. in.

## SUGGESTED PRICE (Port of Entry)

East Coast and Gulf Coast	\$3,395
West Coast	\$3,495





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NEW STATION WAGON FROM SWEDEN: The new Volvo 145 S four-door station wagon features 70 cubic feet of carpeted cargo space, superior visibility and advanced safety features including exclusive anti-whiplash seats with headrests and a special dual braking system which operates on three wheels. Glass area totals 4,608 square inches, 20% greater than Volvo's previous station wagon model. Three-speed automatic transmission, air conditioning, AM/FM radio and a roof rack are available as optional equipment.

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VOLVO'S LATEST MODEL: A large one-piece tailgate door swings up out of the way to reveal 70 cubic feet of cargo area in Volvo's new 145 S station wagon. Supplementing this cargo area is a separate compartment for tools plus another four cubic feet of storage space hidden beneath trap doors in the floor. The 145 S is equipped with Volvo's 115 horsepower engine, heavy duty suspension components and four wheel power disc brakes to assure good performance with full loads,

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