

# VOLVO V70 3.2

MFR'S SPECS	C/D RESULTS
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**Price**  
(AS TESTED)

**\$34,410**

BASE: \$33,210

**Vehicle type:** front-engine, front-wheel-drive, 5-passenger, 5-door wagon  
**Options:** Climate package (consists of heated front seats, heated windshield-washer nozzles, headlamp washers, and rain-sensing wipers), \$725; metallic paint, \$475  
**Standard:** power windows, driver seat, and locks; remote locking; cruise control; tilting and telescoping steering wheel; rear wiper  
**AV system:** Volvo; AM, FM radio; CD player; auxiliary input jack; 8 speakers

Fuel Capacity		18.5 gal
 MPG	EPA	C/D OBSERVED
	CITY	
	16	21
	24	

VEHICLE

## INTERIOR

### RESTRAINT SYSTEMS

**Front:** manual 3-point belts; driver and passenger front, side, and curtain airbags  
**Rear:** manual 3-point belts, curtain airbags

### MEASUREMENTS (in)

	Head	Leg	Shoulder
FRONT	38.8	41.9	57.4
REAR	38.6	34.6	56.5

### PRACTICAL CARGO ROOM

Length of pipe: 135.5 in  
 Largest sheet of plywood, l x w: 71.0 x 44.5 in  
 No. of 10 x 10 x 16-in boxes, seats up/folded: 19/46

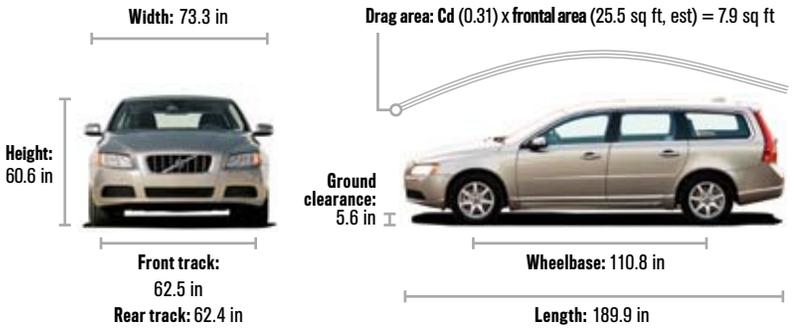
SAE VOLUME	Front	Rear
	54 cu ft	43 cu ft

Cargo, seats up/folded: 33/72 cu ft

## DIMENSIONS

**WEIGHT:** Curb: 3878 lb Per horsepower: 16.5 lb **TOWING CAPACITY:** 3300 lb

**DISTRIBUTION:** Front: 58.1% Rear: 41.9% **GVW:** 5070 lb



CHASSIS

**Chassis type:** unit construction with 2 rubber-isolated subframes  
**Body material:** welded steel stampings

## STEERING

Rack-and-pinion with hydraulic power assist

Steering ratio:	Turns lock-to-lock:	Turning circle curb-to-curb:
16.0:1	2.8	36.7 ft

## SUSPENSION

**Front:** ind, strut located by a control arm, coil springs, anti-roll bar  
**Rear:** ind, 1 trailing link and 3 lateral links per side, coil springs, anti-roll bar

## WHEELS+TIRES

**Wheel size/type:** 7.0 x 16 in/cast aluminum  
**Tires:** Michelin Pilot HX MXM4, 225/55R-16 95V M+S  
**Spare:** high-pressure compact

## BRAKES

Hydraulic with vacuum power assist, anti-lock control, and electronic panic assist  
**F:** 12.4 x 1.1-in vented disc  
**R:** 11.9 x 0.9-in vented disc

Traction Control	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Defeatable <b>YES</b>
Stability Control	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Defeatable <b>NO</b>

POWERTRAIN

## ENGINE

Inline-6, aluminum block and head  
**Bore x stroke:** 3.31 x 3.78 in, 84.0 x 96.0mm  
**Displacement:** 195 cu in, 3192cc  
**Compression ratio:** 10.8:1  
**Fuel-delivery system:** port injection  
**Valve gear:** chain-driven double overhead cams, 4 valves per cylinder, hydraulic lifters, variable intake-valve timing  
**Power (SAE net):** 235 bhp @ 6400 rpm  
**Torque (SAE net):** 236 lb-ft @ 3200 rpm  
**Redline:** 6500 rpm

## DRIVETRAIN

**Transmission:** 6-speed automatic with manumatic shifting  
**Final-drive ratio:** 3.32:1

GEAR	RATIO	MPH PER 1000 RPM	SPEED IN GEAR
I	4.15	5.4	35 mph (6500 rpm)
II	2.37	9.4	61 mph (6500 rpm)
III	1.57	14.2	93 mph (6500 rpm)
IV	1.16	19.3	125 mph (6500 rpm)
V	0.86	26.0	133 mph (5100 rpm)
VI	0.69	32.4	133 mph (4100 rpm)

## TEST RESULTS

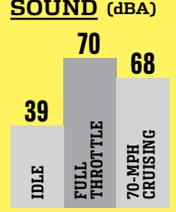
### HANDLING



### UNDERSTEER



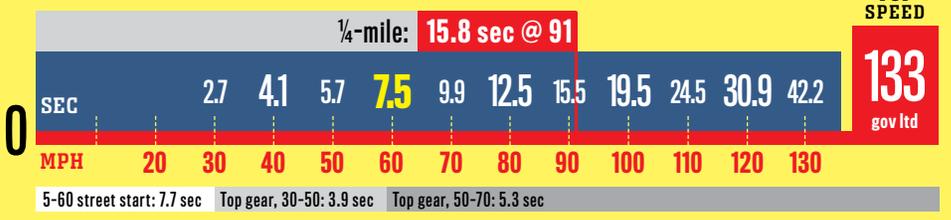
### INTERIOR SOUND (dBA)



## NOTES

Barely enough torque to get any wheelspin during launch. Spongy brakes get softer with repeated stops. Stability-control intervention works smoothly.

## ACCELERATION



## BRAKING



## WEATHER

Temperature: 37°F  
 Humidity: 67%  
 Barometric pressure: 28.95 in Hg

## ODOMETER

Test-vehicle mileage: 1128

## TIRE INFLATION

Test pressures:	Front	Rear
	35 psi	35 psi