The addition of a turbocharger to the otherwise unassuming Volvo V70 station wagon transforms it into a real street scorchet. The company that was once known for top-notch safety now added high performance to their cars' option lists.

**VITAL STATISTICS**

- **Top speed:** 152 mph
- **0-60 mph:** 6.9 sec.
- **Engine type:** In-line five
- **Displacement:** 2,319 cc
- **Max power:** 236 bhp at 5,100 rpm
- **Max torque:** 244 lb-ft at 2,100 rpm
- **Weight:** 3,371 lbs.
- **Gas mileage:** 25 mpg
- **Price (1998):** $34,510

**...turbocharged performance.**

“This car's performance is highly impressive. The V70 R will scramble away from the line with convincing force thanks to its turbocharged performance. There is some lag, but once the turbo is at full boost, the horizon is really reeled in. Around curves, the tires provide plenty of grip and, like all Volvos, the cornering is always safe and secure. Its ride might be slightly jittery, but there's no shortage of performance.”

There is a very Scandinavian feel to the cabin: austere trim and an upright but very comfortable driving position.
Volvo V70 T5

The V70 is a very capacious station wagon, yet underneath its subdued skin lies the heart of a lion: a massively powerful turbocharged engine that is matched with quick-action steering.

Four-wheel-drive option

From 1998, the V70 R came with permanent all-wheel drive. A viscous coupling automatically distributes power between the axles for the best grip.

Traction control

Containing the ferocious power of a turbocharger would be almost impossible without traction control to limit wheelspin. Volvo’s traction control system operates the front wheels only.

Sports alloy wheels

Attractive, large-diameter, five-spoke, alloy wheels are part of the understated V70 performance package. For most markets, these are 17-inch wheels fitted with low-profile 215/45 Pirelli P Zero tires.

Station wagon body

Slightly less square-set and formal than previous Volvos, the V70’s upright pose is nevertheless distinctively Swedish. The V in the car’s name indicates ‘vagen,’ or wagon.
Specifications

1998 Volvo V70 T5

ENGINE
Type: Inline five-cylinder
Construction: Aluminum block and cylinder head
Valve gear: Four valves per cylinder operated by double overhead camshafts
Bore and stroke: 3.19 in. x 3.54 in.
Displacement: 2,319 cc
Compression ratio: 8.5:1
Induction system: Electronic fuel injection
Maximum power: 236 bhp at 5,100 rpm
Maximum torque: 244 lb-ft at 2,100 rpm

TRANSMISSION
Five-speed manual

BODY/CHASSIS
Unitary monocoque construction with steel five-door station wagon body

SPECIAL FEATURES
Headlight wipers are fitted for optimum nighttime visibility.

Safety features
The V70 boasts one of the most complete safety systems in the world. This includes the famous SIPS (Side Impact Protection System), as well as front and side airbags for the driver and front passenger.

A turbocharger is the tasty icing on the V70's five-cylinder cake.

RUNNING GEAR
Steering: Rack-and-pinion
Front suspension: Struts with coil springs, lower link, shocks and anti-roll bar
Rear suspension: Multilink with coil springs, shock absorbers and anti-roll bar
Brakes: Vented discs (front) and solid discs (rear)
Wheels: Alloy 15-, 16- or 17-in. dia.
Tires: 205/55, 205/50 or 205/45

DIMENSIONS
Length: 185.9 in.  Width: 69.3 in.
Height: 56.2 in.  Wheelbase: 104.9 in.
Track: 59.8 in. (front), 57.8 in. (rear)
Weight: 3,371 lbs.

Capacious cabin
There's spacious seating for five adults and 37 cubic feet of luggage with the rear seats in place. That grows to an impressive 67 cubic feet with the rear seats folded.
**1992 Volvo launches**
the 850 to replace the aging 700- and 900-series cars. The 850 becomes a commercial and racing success and sales begin to rise.

Volvo caters to the SUV market with the 4x4 version of its V70 station wagon.

**1996 More rounded styling** than the boxy 850 series versions characterize the S70 sedans and V70 wagons which arrive as 850 replacements in December of this year. The top-of-the-range model is the turbocharged T5.

A sedan incarnation of the jolting T5 is also available.

**1998 The R model gains** an extra 11 bhp, taking it up to 247 bhp. It is only available with permanent all-wheel drive as Volvo continues to tap into the increasingly popular sports sedan and touring market.

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**Milestones**

**UNDER THE SKIN**

Swedish quality

The unitary body/chassis of the V70 is supplemented by a front subframe to isolate the major components, including the engine, transmission, steering and suspension. There are struts up front and multiple links at the rear, with coil springs all around. Permanent four-wheel drive is an option from the 1999 model year. Braking is by discs, the front pair being vented for cooling efficiency.

**THE POWER PACK**

Five-cylinder turbo

Volvo has mastered the inline five-cylinder layout better than any other manufacturer, and its 'R' engine is the proof. Displacing 2.3 liters, it developed 240 bhp in its original European form, but in 1998, it went up to 247 bhp (U.S. models have less bhp). Both the cylinder block and head are made of light alloy; the head incorporates a double overhead camshaft layout. The valve casting has a special blue 'R' logo to indicate its intention. The real secret behind the engine’s ferocity is its turbocharger, permitting a high, 244-bhp output.

**V70 R AWD**

When Volvo launched its 'R' model, no one could believe that a car maker that was as heavily fixated on safety could produce something quite as fiery and potent as this. It transformed Volvo's image and began to attract enthusiasts to the marque.

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**Value Guide**

<table>
<thead>
<tr>
<th>ORIGINAL PRICE</th>
<th>CURRENT VALUE</th>
<th>PRODUCTION TOTAL</th>
</tr>
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<tbody>
<tr>
<td>$34,510</td>
<td>$30,000-$33,000</td>
<td>Still in production</td>
</tr>
</tbody>
</table>

**RIVAL CARS**

**BMW 540i Touring**

- **TOP SPEED**: 155 mph
- **0-60 mph**: 6.2 sec.
- **POWER**: 286 bhp
- **WEIGHT**: 3,902 lbs.

**Mercedes C43 AMG**

- **TOP SPEED**: 155 mph
- **0-60 mph**: 6.2 sec.
- **POWER**: 302 bhp
- **WEIGHT**: 3,583 lbs.

**Volvo V70 R**

- **TOP SPEED**: 152 mph
- **0-60 mph**: 6.9 sec.
- **POWER**: 236 bhp
- **WEIGHT**: 3,371 lbs.