

VOLVO

C70 COUPE

USHERING IN A NEW VOLVO ERA

The winds of change are blowing throughout Volvo. No place is this change more evident than in its new product range.

Emblematic of the new Volvo is the C70 - a four-seater sports coupe with driving appeal and looks that will astound. Focused on a small but discerning customer group, the exclusive new sports coupe will power Volvo into a new market segment.

The Volvo C70 coupe is the fruit of a joint venture between Britain's renowned automotive specialist Tom Walkinshaw Racing (TWR) and Volvo. While TWR applied its unique specialist-car competence to the engineering of the car, Volvo laid down the overall project requirements, such as the levels of quality, safety engineering and environmental concern needed for the C70 to be a true Volvo.

Sensual and Sporty

The result is a car whose sensual lines do little to hide its dynamic abilities. Not only does it look provocatively promising, it is an inviting driving machine which has the power to back up its looks. Yet safety and quality are right up there at the top of the list of priorities, because of Volvo's long held core values.

The car's muscular, swooping lines make it seem almost alive - poised and ready to pounce. The exterior unites Volvo's design heritage with the latest interpretations of its

traditional elements, so the grille, the V-shaped bulge across the hood and the feature line along the side all look familiar, yet different. Innovation, tradition, youth and classic appeal - all in one.

The Volvo C70 was designed without traditional engineering limitations. The result is exactly what Volvo's designers have long dreamed about, but scarcely dared to hope for.

A Feast for Eye and Ear Alike

The Scandinavian design heritage is most apparent inside the car: light hues, elegant but simple lines, a substantial impression of quality and strength, and a generous portion of sheer pleasure.

There is a wide selection of interior trim colors and materials. The C70 brings the luxury of bespoke tailoring to modern motoring - a car for the individualist.

This is equally noticeable in the C70's concert-hall sound system. An extremely advanced audio system was integrated into the car at the very earliest design stage, together with no less than 10 standard-ft loudspeakers, three CD in-dash audio head with a total output of 4 x 100 watts - all so as to ensure top audio quality. The C70 also offers an optional, factory installed, surround sound package. Combining the above standard audio system with Dolby® Surround Pro-Logic the upgrade is the worlds first factory installed system of its kind. The option features 400 watts of power pumped through 12 speakers for uncompromising audio reproduction quality. The speakers, made by Dynaudio, a Danish company, are already fitted to the cars in production, enabling the use of very large diameter units while securing top installment quality.

The amplifier, radio and CD unit are all among the very best available anywhere in the world.

Turbocharged Power

Under its supple skin, the Volvo C70 coupe borrows much of the technology of its potent stablemate the Volvo S70 T5: a transverse five-cylinder, all alloy, turbocharged engine driving the front wheels through either a manual five-speed gearbox or four-speed multi-mode automatic transmission. Engine output is rated at 236 hp at 5100 rpm with 243 lbs/ft of torque at 2700 rpm. Low speed traction is assisted with Volvo's TRACS system (Traction Control System). TRACS is engineered to limit front wheel spin at speeds less than 25 mph and with low throttle pressures. High speed traction is assisted with the Coupe's 225/45 ZR 17" Michelin MXX3 tires or optional 225/40 ZR 18" Pirelli P-Zero tires. Both help to ensure that the engine's impressive power is delivered to the ground.

Chassis Development Expertise Straight from Formula 1

TWR's immense expertise in advanced chassis development has resulted in exceptional ride and roadholding. The Volvo C70 can be specified with a choice of two chassis settings, both of them on the sportier side.

Whatever your choice of chassis set-up, the C70 coupe is shod with immensely capable tires optimized for the job be they the standard 17" tire and alloy wheel combination or the optional 18" tire and alloy wheel set.

With much of the technology borrowed from the Volvo S70 and V70, the C70 offers impressive levels of both active and passive safety engineering.

Structural beams and members, the SIPS system (Side Impact Protection System), SIPS airbags and seat belt system with pre-tensioners protect the occupants in most types of accident. Also standard are driver and front passenger air bags, three-piece steering column (new for 1998), and crumple zones, just to name a few safety features.

Sales Start in Fall of 1997

The Volvo C70 Coupe will start selling in the Fall of 1997. The C70 Convertible will go on sale in the Spring of 1998.

The Volvo C70 will be produced in the AutoNova plant in Uddevalla. AutoNova is also a joint-venture operation between Volvo and TWR.

C70 (COUPE)

Manufactured at: Uddevalla, Sweden

ENGINE - B5234 T3

Type In-Line 5-Cylinder	
HP (SAE NET)	236 @ 5,100 rpm
Torque	243 lb/ft. @ 2,700 rpm
Cylinder Block	Die-Cast Aluminum
Cylinder Head	Die-Cast Aluminum
Bore & Stroke	81mm x 90mm
Displacement	2,319 cc
Compression Ratio	8.5:1
Fuel Requirement	91 (R+M)/2
Ignition System	Motronic 4.4
Main Bearings	6-Shell Type
Valve Train	DOHC 20 valves
Valve Operations	Hydraulic Tappets
Battery/Alternator	520/80 AMP
Crankcase Capacity	6.1 US Qt's. (Inc. Filter)
Fuel Tank Capacity	(70 L) 18.5 US Gallons

DRIVETRAIN

Transmission: M46H (Manual), AW50-42 (Automatic)

Manual = 3.07:1, 1.77:1, 1.19:1, 0.87:1, 0.70:1, Final Drive = 4.0:1, Reverse 2.99:1

Automatic = 3.61:1, 2.06:1, 1.37:1, 0.98:1,

Final Drive 2.54:1 Reverse 3.95:1

Changing Modes *Economy, Sport, and Winter/wet*

Body/Chassis:

Pressed Steel Unit Body

Suspension:

Front: MacPherson, Hydraulic Struts With Asymmetrically Mounted Coil Springs And 20 mm Stabilizer Bar

Rear: Volvo Patented Delta-link, Semi-Independent Suspension With Coil Springs, Hydraulic Shock Absorbers And 20 mm Stabilizer Bar

Steering:

Power Assisted Rack and Pinion

Ratio: 16.8:1

Turns Lock To Lock: 3.2

Turning Circle: 38.4 ft.

Brakes:

Four Wheel Disc With Vacuum Assist, ATE 3-Channel ABS, Mark 20

Front-Vented Disc "

Rear-Solid Disc "

Drum Type Parking Brake, Mechanical Operation

Wheels/Tires:

7" x 17"

225/45/17 ZR Michelin MXX3

DIMENSIONS & CAPACITIES

Wheelbase	104.9"
Track Front	59.8"
Track Rear	59.8"
Overall Length	185.7"
Overall Width	71.5"
Overall Height	55.7"
Curb Weight (Manual Trans.)	3,365 lbs
Curb Weight (Auto. Trans.)	3,408 lbs
Ground Clearance	5.5"
Weight Distribution F/R (%)	61 / 39

Coefficient of drag (Cd)	.29
Towing Load (lbs.)	3,300 lbs

Interior Dimension:

Head Room Front	37.4"
Head Room Rear	36.6"
Leg Room Front	41.3"
Leg Room Rear	34.6"
Shoulder Room Front	55.5"
Shoulder Room Rear	52.2"

Hip Room Front	n/a
Hip Room Rear	n/a

Cargo Capacity (Cu. Ft):

Trunk	13.1
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EPA Size Class: Midsize 79.6

EPA Fuel Economy:		City	Hwy
Automatic		18	25
Manual		19	25

STANDARD EQUIPMENT

Driver And Front Passenger Side SRS
 Side Impact Protection System (SIPS)
 Side Impact Air Bag (Drive and Passenger Front Seat)
 3-Point Seat Belts And Head Restraints In All Four Seating Positions
 Electronic Climate Control With CFC Free A/C
 Daytime Running Light System
 Headlamp Wipers/Washers
 Front Fog Lights
 Rear Fog Light
 Cruise Control
 Remote Keyless Entry/Security System , W/Panic Button And Trunk Open Button
 Power Door Locks (two step system)
 ABS (Anti-locking brakes)
 Power Glass Sunroof, W/Tilt and Slide, W/Sunshade
 P/Windows Drivers Auto Down/Central Locking, Pop-Open Trunk
 Power Outside Mirrors, Heated
 Auto-dimming Rear-View Mirror
 Black Walnut Wood Trim For Dash And Floor Console
 SC-900 3-CD In Dash Player, Full Logic Cassette, AM/FM Stereo, 400 Watt Amp. 10 Speakers
 Diversity Antenna System: Power Antenna + Bumper Antenna
 Leather Steering Wheel W/Tilt/Telescope Steering Column
 Front Reclining Bucket Seats
 8-Way Power Adjustable Driver's and Passenger Seat W/3 Position Memory
 Heated Front Seats (Canada only)
 Trip Computer With Digital Clock And Ambient Temp. Gauge
 Leather Upholstery
 Black Paint, Coral Red Metallic, Saffron Metallic, or Cassis Metallic Paint

OPTIONAL EQUIPMENT

TRACS
 Heated Front Seats
 225/50V 16 Pirelli P6000 All-Season On Alloy Wheels
 225/40ZR 18 Prielli P-Zero On 3-Piece BBS Alloy Wheels
 Equipment and specifications are subject to change.
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