



"If you enjoy testing your driving on a clear day, on a B road in the country; if the journey is more important than the destination; if you're tired of the sanitised plastic cocoons that modern automobiles have become, then there is no better car - Ferraris and Porsches included."

Daily Express

SPECIFICATIONS VVC

VEHICLE TYPE:

Two seater convertible sports car.

CONSTRUCTION:

Tubular space frame with aluminium honeycomb cockpit side impact protection. Aluminium panels and composite nose cone and wings.

ENGINE:

Rover K-Series 1.8 litre engine mounted longitudinally driving five-speed gearbox.

Capacity: 1,796 cc
No of cylinders: 4 in line
Bore: 80 mm
Stroke: 89.3 mm
Compression Ratio: 10.5:1

Cylinder Head: 16 valve DOHC

Valve Operation:

Variable Valve Control

Engine Management:

Rover MEMS 2.0J

Firing order: 1-3-4-2

Fuel: Unleaded 95 Ron

Max Power:

153 ps @ 7,000 rpm

Max torque:

128 lbsft @ 4,500 rpm

0-60 mph: 4.9 secs

0-100 kph: 5.1 secs

Max speed: 126 mph

Fuel consumption:

35.6 mpg @ 75 mph

TRANSMISSION:

Forward speeds: Five

1st: 3.36:1

2nd: 1.81:1

3rd: 1.26:1

4th: 1.00:1

5th: 0.82:1

Reverse: 3.37:1

Speed/1000 rpm in 5th:

20.2 mph

Final drive:

3.92:1

SUSPENSION:

Front: Adjustable double wishbone with anti roll bar
Rear: de Dion axle located by lower A-frame and upper radius arm

Springs: Coil

Dampers: Bilstein telescopic

BRAKES:

Twin circuit split front/rear with system warning of low fluid. Handbrake operates on rear wheels. Front and rear discs (228 mm diameter).

STEERING:

Rack-and-pinion, 2.12 turns lock-to-lock.

WEIGHTS:

Kerb weight: 550 kg

Max weight: 860 kg

WHEELS AND TYRES:

Wheels: 6Jx14 Aluminium alloy

Tyres: 185/60 HR14 Michelin

VEHICLE DIMENSIONS:

Wheelbase: 2,225 mm

Front track: 1,270 mm

Rear track: 1,336 mm

Overall length: 3,380 mm

Overall width: 1,575 mm

Height (hood up): 1,115 mm

Height (hood down): 990 mm

Ground clearance: 110 mm

Turning circle: 10 m

1.8 VVC

The Caterham Seven VC represents the latest in cutting edge engine technology and provides the usual high levels of Caterham performance combined with unsurpassed levels of refinement.

An evolution of the 1.8 K-Series engine, the Variable Valve Control unit provides effortless performance. Hydraulic valve control brings torque at the bottom end of the rev range without sacrificing top end power.

The VVC will give 153 ps at 7,000 rpm and 128 lbsft of torque at 4,500 rpm, and is characterised by its ability to combine a smooth high-revving power delivery with greater levels of torque than the standard 1800 unit. The result is ideal for enjoying the high performance motoring expected in a Caterham, matched with pulling power normally reserved for bulkier cars.

A higher standard of equipment and the versatility of the VVC engine make this the

ideal Seven for all-round road use, be it short cross-country blasts or effortless long distance motoring.

Standard equipment on all VVC models includes:

- ◆ All new 15" Alloy Wheels
- ◆ Leather Adjustable Seats
- ◆ Tonneau Cover
- ◆ Leather Motolita Steering Wheel

