

1995 Volvo 850 R

User Manual

Bodywork

Type 4/5S EST

Doors 5

Engine information

Bore × stroke 81.00 mm × 90.00 mm 3.19 in × 3.54 in

Cylinders S-5

Displace 2.3 litre 2319 cc (141.514 cu in)

Engine type DOHC

Valves 4 valves per cylinder | 20 valves in total

Engine construction

Sump

Compression ratio 8.50:1

Fuel system Bo Motronic 4.3 fuel inj.

Maximum power

0-50 mph 6.30 s

0-60 mph 7.80 s

0-100 mph 19.30 s

0-100 km/h

80 - 120 km/h

402 m (Quarter mile) 16.30 s

Standing km 28.40 s

Top speed 232 km/h (144 mph)

Fuel consumption

CO2 emissions

Power to weight ratio 161.81 bhp/ton

Specific output

Maximum torque

Bmep 1896.6 kPa (275.1 psi)

Specific torque 150.93 Nm/litre

Maximum rpm

Code

Main bearings

Coolant	Water
Bore / stroke ratio	0.9
Unitary capacity	463.8 cc/cylinder
Aspiration	Turbo
Compressor type	
Intercooler	Y
Catalytic converter	Y

Dimensions and weight

Wheelbase	2664 mm
Wheelbase	104.9 in
Length (millimeters)	4661 mm
Length (inches)	183.5 in
Width (millimeters)	1760 mm
Width (inches)	69.3 in
Height (millimeters)	1415 mm
Height (inches)	55.7 in
L:W ratio	1.75
Ground clearance (millimeters)	
Ground clearance (inches)	
Kerb weight (kilograms)	1545 kg
Kerb weight (pounds)	3406 lb
Weight distribuiton	57.00 %
Fuel capacity (litres)	73 litres
Fuel capacity (UK Ga)	16.1 UK Ga
Fuel capacity (US Gal)	19.3 US Gal

Aerodynamics

Drag coefficient	
Frontal area	
Cx	

Chassis

Engine location	Front
Engine alignment	Transverse
Drive	FWD
Steering	rack & pinion PAS
Turns lock-to-lock	3.200

Turning circle 10.60 m

Tyres

Wheels

Brakes F/R VeDi/Di-S-ABS

Brake ?

Braked area

Transmission 5M

Top gear ratio 0.70

Final drive ratio 4.00

General information

RAC rating 20.3

Number made

Model code

Model family

Insurance classification No information available

Tax band No information available