

1990 Volvo 940 SE Turbo

User Manual

Bodywork

Type 4/5S SAL

Doors 4

Engine information

Bore × stroke 88.90 mm × 80.00 mm 3.5 in × 3.15 in

Cylinders S-4

Displace 2 litre 1986 cc (121.193 cu in)

Engine type SOHC

Valves 2 valves per cylinder | 8 valves in total

Engine construction

Sump

Compression ratio

Fuel system

Maximum power 157.2 PS (155.0 bhp) (115.6 kW)

0-50 mph

0-60 mph 9.30 s

0-100 mph

0-100 km/h

80 - 120 km/h

402 m (Quarter mile) 17.20 s

Standing km

Top speed 200 km/h (124 mph)

Fuel consumption

CO2 emissions

Power to weight ratio 110.56 bhp/ton

Specific output

Maximum torque 233.0 Nm (172 ft·lb) (23.8 kgm)

Bmep 1474.3 kPa (213.8 psi)

Specific torque 117.32 Nm/litre

Maximum rpm

Code

Main bearings

Coolant Water
Bore / stroke ratio 1.11
Unitary capacity 496.5 cc/cylinder
Aspiration Turbo
Compressor type
Intercooler
Catalytic converter Y

Dimensions and weight

Wheelbase 2769 mm
Wheelbase 109 in
Length (millimeters) 4869 mm
Length (inches) 191.7 in
Width (millimeters) 1748 mm
Width (inches) 68.8 in
Height (millimeters) 1410 mm
Height (inches) 55.5 in
L:W ratio 1.76
Ground clearance (millimeters)
Ground clearance (inches)
Kerb weight (kilograms) 1402 kg
Kerb weight (pounds) 3091 lb
Weight distribuiton
Fuel capacity (litres)
Fuel capacity (UK Ga)
Fuel capacity (US Gal)

Aerodynamics

Drag coefficient 0.360
Frontal area
Cx

Chassis

Engine location Front
Engine alignment Unknown
Drive RWD
Steering
Turns lock-to-lock

Turning circle

Tyres

Wheels

Brakes F/R

Brake ?

Braked area

Transmission 5M

Top gear ratio

Final drive ratio

General information

RAC rating 19.6

Number made

Model code

Model family

Insurance classification No information available

Tax band No information available