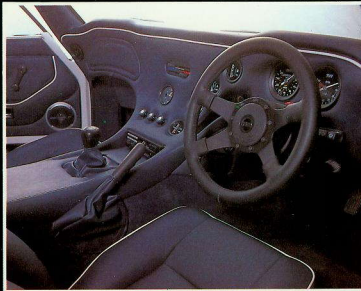


TVR



TVRS



BODY & INTERIOR

The S model is a two seat, two door convertible, manufactured in glass reinforced polyester resin. This is moulded in one piece for the forward opening bonnet and in eight sections for the remainder of the body. Special wrap around deformable rubber impact bumpers along with strategically designed internal body crumple zones protect front and rear portions of the vehicle.

A laminated front windscreen and semi frameless door windows combine with twin roof panels and a fold down rear header to complete the roof. This allows the vehicle to be driven in a number of open and closed positions. The roof is trimmed in a heavy duty vinyl material in a selection of standard colours. An option of mohair material in a selection of colours is also available.

Individual seats and headrests are trimmed in a mixture of cloth and vinyl with half and full leather trim available as an option. The wrap around dashboard houses full instrumentation of speedometer, electric tachometer, oil pressure, fuel and water temperature gauges along with voltmeter and electric clock. Windows are manually operated with the option of electrically powered units.

CHASSIS, SUSPENSION, BRAKES & TYRES

The bodyshell is combined with a jig formed, multi tubular steel spaceframe chassis with outriggers. This is a combination of 2 3/8" rectangular and 1 1/2" circular 16 gauge tubing, plastic coated for corrosion resistance.

Front suspension is by unequal length fabricated wishbones, coil springs, telescopic shock absorbers and anti roll bar.

Rear suspension is by trailing arm, coil springs, telescopic shock absorbers and constant velocity sliding driveshafts from the centrally mounted differential.

The braking system is servo assisted throughout with ventilated 9.4" 239.7mm front discs. Rear brakes, due to the low vehicle weight are drums with a 9.0" 228mm diameter. The handbrake is cable operated and acts on the rear drums.

Road wheels are four stud aluminium alloy 15" x 7J and use Bridgestone RE71 low profile 205/60 VR 15 tyres.

ENGINE, FUEL SYSTEM & TRANSMISSION

The engine is front mounted and drives the rear wheels through a five speed transmission. The unit is Vee slanted, 6 cylinder with a total capacity of 2933cc 179 cu.in. The bore/stroke ratio is 93/72mm with a compression ratio of 9.5:1. It features a centrally mounted camshaft with overhead valves and a four bearing crankshaft. Maximum power is 168 bhp at 6000 rpm. Maximum torque is 172 lbs/ft at 3000 rpm.

Induction is by Bosch L - Jetronic electronic fuel injection. An electric fuel pump and filter are utilised along with the single 12 gallon 54.5 litre tank mounted behind the rear axle of the vehicle.

Transmission is five speed with a 9.44" 239.7mm hydraulically operated single dry plate diaphragm clutch. No automatic transmission is available. Gear ratios are: 1st 3.36:1, 2nd 1.81:1, 3rd 1.26:1, 4th 1.00:1, 5th 0.82:1, reverse 3.365:1.

A Sachs centrally mounted hypoid bevel final drive is utilised with a ratio of 3.64:1, producing 23.39 mph 37.65 kph per 1000 rpm.

PERFORMANCE

Maximum engine rpm	6000
1st	34.2 mph, 55.13 kph
2nd	63.5 mph, 102.3 kph
3rd	91.3 mph, 147.0 kph
4th	115.06 mph, 185.24 kph
5th	140 mph, 226 kph
0 - 60 mph	6.8 seconds
Standing quarter mile	98.0 mph
Power to weight ratio	170.2 bhp/ton
Carrying capacity	440lbs 200kg from kerb weight

DIMENSIONS

Overall length	3958mm, 155.82in
Wheelbase	2286mm, 90.0in
Width overall	1665mm, 65.55in
Height overall	1223mm, 48.14in
Front track	1398mm, 55.03in
Rear track	1398mm, 55.03in
Ground clearance	140mm, 5.6in
Luggage capacity	0.225 cu m, 8.0 cu ft
Fuel capacity	54.5 litres, 12 gallons
Vehicle weight dry	940kg, 2072lbs

TVR ENGINEERING LIMITED

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