

**NEWS RELEASE**

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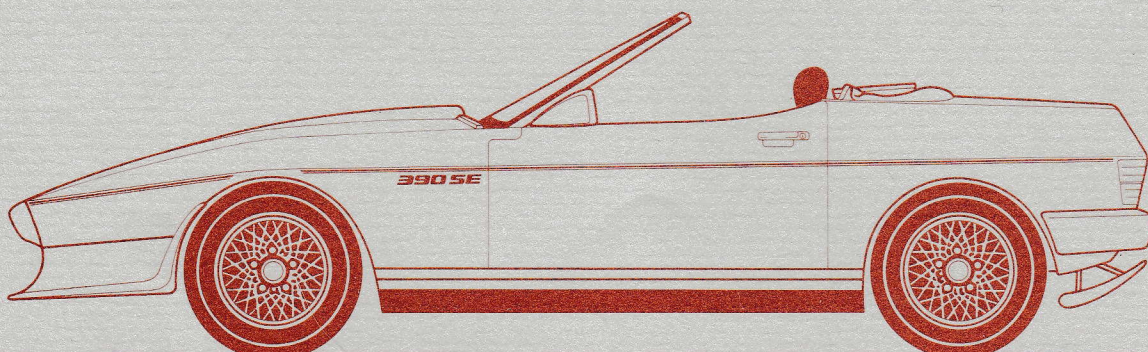


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IMMEDIATE RELEASE

## **TVR 390 SE CONVERTIBLE – TECHNICAL SPECIFICATIONS**

Two seat, two door Convertible body manufactured in glass reinforced plastic (G.R.P.) moulded in two halves and bonded along the waistline. This is combined with a plastic coated, multi-tubular steel backbone chassis with outriggers. Laminated Sundym front screen with frameless Sundym toughened door windows along with a detachable roof panel and fold down rear header complete the roof structure. Specially moulded G.R.P. bumpers along with strategically designed internal body crumple zones, protect front and rear portions of the vehicle. Side intrusion beams located within the door structures conform to all current legislative requirements. Individual seats with fore, aft and tilt movements are combined with adjustable head restraints. Upholstery in brushed velour and ambla in a variety of colours is standard with complete Connolly English leather trim available in any shade as an option. Contrasting deep pile carpet complements the internal colour chosen. Polished walnut veneer dashboard houses full instrumentation of speedometer, electric tachometer, oil pressure, water temperature, and fuel gauges along with voltmeter and quartz clock. Other standard equipment includes electric operated windows, twin electric door mirrors, stereo/radio cassette player, and central door locking. A warning light cluster informs on handbrake, low fluid levels, ignition and oil pressure conditions with provision for extra facilities. A vanity mirror is housed in the passenger's sunvisor with cigar lighter and ashtray located in the centre console.





<b>ENGINE</b>	<p>Front mounted driving the rear wheels.</p> <p>Vee slanted 8 cylinder, with total capacity of 3905 cc (238 cu in)</p> <p>Bore: 93.5mm (3.68 in)</p> <p>Stroke: 77.12mm (2.80 in)</p> <p>High performance Cosworth pistons.</p> <p>Balanced and blueprinted assembly.</p> <p>Gas flowed cylinder heads.</p> <p>High compression ratio of 10.5:1</p> <p>High lift camshaft with uprated valve springs.</p> <p>Modified electronic ignition system.</p> <p>Pressurised cooling system with twin electric fans.</p> <p>Free flow exhaust system.</p>
<b>POWER OUTPUT</b>	<p>Maximum power: <b>275 bhp (202 Kw) at 5500 rpm</b></p> <p>Maximum torque: <b>270 ft/lbs (37.3 Kgm) at 3500 rpm</b></p>
<b>FUEL SYSTEM</b>	<p>Induction is by a modified and uprated version of the Lucas L type electronic fuel injection system. A single high power Lucas electric fuel pump is utilised in conjunction with an anti-surge pot and filters. Twin interconnected fuel tanks are located forward of the rear axle with a total capacity of 13.5 galls. (60.75 litres)</p>
<b>PERFORMANCE</b>	<p>Maximum engine rpm 6000</p> <p>1st 36 mph</p> <p>2nd 62 mph</p> <p>3rd 88 mph</p> <p>4th 122 mph</p> <p>5th 150 mph</p> <p>0-60 mph 5 seconds</p> <p>0-100 mph 12 seconds</p> <p>Maximum speed 150+ mph</p>
<b>TRANSMISSION</b>	<p>Heavy duty clutch assembly.</p> <p>5 speed manual gearbox. Gear ratios are:</p> <p>1st 3.32:1</p> <p>2nd 2.09:1</p> <p>3rd 1.40:1</p> <p>4th 1.00:1</p> <p>5th 0.792:1</p> <p>Reverse 3.43:1</p> <p>Final Drive Ratio 3.54:1 – continuous drive differential</p>
<b>CHASSIS</b>	<p>An all steel multi-tubular backbone chassis with outriggers protected with an epoxy coating giving complete corrosion resistance. This carries a five year guarantee. The separate chassis concept ensures that loads from the all independent suspension system are fed into a structure that is fully insulated by "silent block" mountings from the main bodyshell. Protection for occupants is provided by well designed front, rear and side intrusion beams to conform to all legislative requirements.</p>
<b>SUSPENSION</b>	<p>Independent all round. Front suspension is by upper wishbone, stabilised lower lever, coil springs, uprated telescopic dampers and a forward running anti-roll bar. Rear suspension is by lateral links, fixed length drive shafts, fabricated trailing arms and hub carrier retained by coil springs and telescopic shock absorbers. This all runs on 15.0" aluminium alloy five stud wheels and 215/50 VR 15 high performance tyres. The braking system is servo assisted all round with discs operated through separate front and rear circuits from a tandem master cylinder. Front discs are ventilated with a 10.6" diameter, uprated calipers and larger pistons. The rear brakes are inboard with a 10.9" diameter with a separate caliper for the cable operated handbrake. High performance brake pads are fitted all round.</p>



## STEERING

Rack and pinion with collapsible steering column. This combines with a 14" diameter leather trimmed steering wheel giving a turning circle of 31.5 feet with 3.7 turns lock to lock.

## ELECTRICAL

A 12 volt negative earthed fully fused system is used with a comprehensive fuse and relay board. A high rate 60 amp/hour battery and 55 watt alternator are standard and the starter motor is pre-engaged. Twin 75 watt Halogen headlights are housed in electrically operated pods allied with a fail safe back up system. Twin driving lights are recessed into the front of the air dam for extra illumination and "flashing". Parking and indicator lights are located in the front bumper, combined with parking, reversing, indicator, stop and fog lamps at the rear of the car. A three pint, electrically operated windscreen washer is located under the forward opening bonnet. A two speed, single arm with delay facility wiper ensures that the stylishly raked front screen is kept clean. Twin interior courtesy lights and low level instrument illumination provide night time vision. Twin electric door mirrors, electrically operated windows, central door locking and electric boot release are fitted as standard.

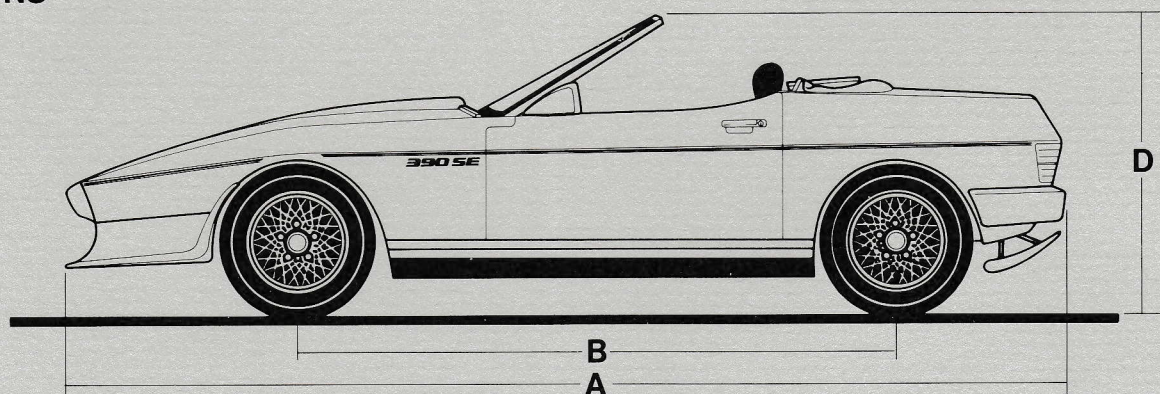
## HEATING AND VENTILATION

A very comprehensive heating and ventilation system is fitted to all TVR cars. Heating is controlled by the current of air flow through an internal matrix and this flow is maintained by a rotating temperature selector located on the lower facia panel. This in turn is boosted by a two speed fan. Fresh cool air can be admitted to the cabin by twin swivel vents mounted in the centre of the facia and stale air extracted by vents in the "B" posts. A complete air conditioning system can be fitted to the vehicle as an option.

## AUDIO

A LW/MW/FM stereo radio cassette player is fitted as standard. This plays through twin 20 watt speakers mounted just behind the seats, in the trim panels. Reception is transmitted via an automatically operated electric aerial.

## DIMENSIONS



	mm	in
Length overall	<b>A</b> 4013	158
Wheelbase	<b>B</b> 2387	94
Width overall	<b>C</b> 1728	68
Height overall	<b>D</b> 1205	47.5
Front track	1436	56.5
Rear track	1440	56.7
Ground clearance	152	6.0
Luggage capacity	0.225 cu m	8 cu ft
Fuel capacity	60.75	13.5 galls

