

Specification

Scimitar GTE/GTC Overdrive and Automatic



The Scimitar GTE 2.8 litre combines the features of a grand touring and an estate car. The Scimitar GTC 2.8 litre combines the features of a grand touring and a convertible car. Both models are powered by a V6 water cooled engine of 2792 cc capacity. A large twin choke carburettor with electrically operated automatic choke is fitted as standard. The unit provides for high maximum speed approaching 120 mph, vivid acceleration and economical fuel consumption.

Seating Capacity
Four adults.

Coachwork GTE
Two door all glass fibre body with large rear opening window.

Coachwork GTC
Two door all glass fibre body with a fold back soft top hood.

Exterior colours available
12 standard colours, plus non-standard and two tone paintwork as an optional extra.

Interior trims available
Black, Dark Blue, Chocolate or Tan.

Engine
V6 overhead valve, water cooled. Bore 93.02 mm (3.66 in.). Stroke 68.50 mm (2.70 in.). Cubic Capacity 2792 cc (170.38 cu. in.). Maximum bhp net 135 at 5,200 rpm DIN. Maximum torque net 152 lb.ft. (22.0 kg.m.) at 3000 rpm. Compression ratio 9.2:1. Complies with the latest clean air requirements

Fuel System
Twin choke carburettor. Mechanical fuel pump. Paper element air cleaner. Fuel tank capacity 20 gallons (91 litres).

Lubrication System
Full pressure feed, wet sump. Full flow replaceable oil filter.

Ignition System
12 Volt electronic ignition system. Ballasted coil.

Cooling System
Pressurised radiator, thermostatically controlled electric fan and water pump with thermostatic heat control.

GTE/GTC Overdrive
Single dry plate clutch, diaphragm spring type. Manual gearbox, four speed synchromesh with overdrive on third and top. Ratios – first 3.16:1, second 1.95:1, third 1.41:1, fourth 1.00:1, reverse 3.35:1. Remote control gear lever centrally mounted on shaft tunnel. Overdrive unit ratio 0.78:1

GTE/GTC Automatic
Automatic gearbox (fitted with oil cooler) with remote control lever centrally mounted on shaft tunnel. Ratios – first 2.47:1, second 1.47:1, third 1.00:1, reverse 2.11:1. Torque converter ratio: 2.22:1.

Propeller shaft
Automatic: Single shaft with constant velocity joints. Automatic: Single shaft with constant velocity joint and hookes joint.

Rear Axle
Hypoid, semi-floating. Ratio 3.54:1.

Steering
Rack and pinion, power assisted steering. (See Options). 2.5 turns lock to lock. Two-spoke safety steering wheel with energy absorbing centre pad and mountings. Conforms to latest safety requirements. Manual steering available on request.

Suspension
Front: independent double wishbone coil spring and damper units and anti-roll bar. Rear: coil spring and damper units to axle located by trailing arms and laterally, by Watts linkage.

Chassis
Box section pressed steel with cruciform, double dipped in protective paint.

Road Wheels
Cast Alloy 6.00 x 14 in. wheels. (See Options). Fitted with 185HR x 14 high speed radial tyres. Pressed steel disc 5.5J x 14 in. wheels available on request.

Brakes
Direct acting vacuum servo four wheel hydraulic, pendant pedal operated, discs on front, drums on rear. Independent (dual line) front and rear hydraulic system with failed system warning device. Lever type handbrake operating rear brakes through compensator.

Fascia
Precision moulding incorporating hooded glare-free instruments. 140 mph speedometer with kilometre scale, trip mileage, 7000 rpm electronic tachometer, warning light cluster incorporating: ignition, main beam, heated rear screen (GTE only), right and left hand trafficators, brake system failed, worn brake pads, low fuel and handbrake on, 'fasten seat belts' warning light, electric clock. Battery condition, oil pressure, water temperature and fuel gauges. Column switch for horn, headlamp dip flasher, direction indicators, windscreen wash and windscreen wiper 2 speed control with intermittent wipe facility. Switches for all lighting and dual speed heater fan, dual speed wiper and washer, switches for rear window wash/wipe (GTE only) hazard warning, fog rear guard lamps and heated rear window (GTE only). Instrument illumination level control, face level fresh air ventilation through adjustable nozzles. Combined ignition starter switch and steering anti-theft lock. Two speaker radio.

Electrical
12 volt battery, alternator, four headlamps (two dipping) with hand-operated dip switch. Side lamps combined with outer headlamps. Front flasher lamps. Rear combined stop/tail lamps, reflectors, flashers and reversing lamps. Fog rear guard lamps. Heated rear opening window (GTE only). Rear number plate lamps. Self parking two speed windscreen wipers, front (both models) and rear (GTE only). Windscreen washers front (both models) and rear (GTE only). Twin horns. Clock. Two interior lights with delay action courtesy switch (GTE only). One interior light with delay action courtesy switch (GTC only). Engine compartment light. Boot compartment light (GTC only). Instrument lights. Map light. Illuminated door rear guard and puddle lamps.

Continued

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This specification is applicable to vehicles manufactured at date of printing. Prices and specification are liable to alteration subsequently without notice.

Body

All glass fibre hand-built Gran Turismo body. Wide-opening doors with wind up windows. Fully curved tinted glass laminated windscreen. (See options). Plain glass laminated windscreen available on request. Upward opening rear window with gas struts and locking with key. (GTE only). Fold back soft top hood and hood stowage cover (GTC only). Reclining front seats with progressive sliding folding action for access to rear seats. Individual rear seats forming bench seat when in position or can be folded together or individually to form flat floor. Leathercloth upholstery with crushed velour facings. Two fitted inertia front seat belts, two lap belts for rear seats. Internally adjustable driver's door mirror.

Luggage capacity (GTE only)

With all four seats up, 21 cu.ft., with one rear seat folded flat, 30 cu.ft. with both rear seats folded flat, 40 cu.ft.

Luggage capacity – boot compartment (GTC only)

7.2 cu.ft.

General information

Track: Front	1477 mm (58.14 in.)
Rear	1426 mm (56.13 in.)
Wheelbase	2637 mm (103.81 in.)
Overall length	4432 mm (174.5 in.)
Overall width	1720 mm (67.75 in.)
Overall height	1321 mm (52.00 in.)
Ground clearance	140 mm (5.50 in.)
Gross vehicle weight	1678 kg (3,700 lbs)
Kerb weight	1266–1311 kg (2790–2890 lbs)
	(dependent upon model and equipment)
Maximum towing weight	1016 kg (2240 lbs)

Optional Extras

Phillips mono radio stereo cassette player. Phillips stereo radio and stereo cassette player with four speaker system. Cast alloy wheels. Power steering. Leather upholstery, front auxiliary lamps (pair). Tinted glass. Electrically operated windows. Electrically operated door mirror. Electric aerial. Hollandia Sun Roof (GTE only). Non-standard and two-tone paintwork.

Fuel Consumption Test Results

Passenger Car Fuel Consumption Order, 1977: The results recorded in an official fuel economy certificate of the officially approved tests for determining fuel consumption carried out on a car of the range of models herein described are as follows:

Scimitar GTE

	Overdrive	Automatic
Simulated Urban Driving	17.6 mpg (16 L/100km)	17.5 mpg (16.1 L/100km)
Constant Speed Driving 90 kph (56 mph)	35.6 mpg (7.9 L/100km)	30 mpg (9.4 L/100km)
Constant Speed Driving 120 kph (75 mph)	29.4 mpg (9.6 L/100km)	25.2 mpg (11.2 L/100km)

Scimitar GTC

	Overdrive	Automatic
Simulated Urban Driving	18.5 mpg (15.3 L/100km)	18.1 mpg (15.6 L/100km)
Constant Speed Driving 90 kph (56 mph)	37.3 mpg (7.6 L/100km)	28.7 mpg (9.9 L/100km)
Constant Speed Driving 120 kph (75 mph)	29.5 mpg (9.6 L/100km)	24.6 mpg (11.5 L/100km)

Important note:

The results given do not imply any guarantee of the fuel consumption of the particular models herein described. Cars are not individually tested and there are inevitable differences between individual cars of the same model. Furthermore the drivers style and road traffic conditions, as well as the extent to which the car has been driven and the standard of maintenance, will all affect its fuel consumption.