SPYDER

The Maserati Spyder - in the Grand Italian Sport Tradition

The Maserati Spyder is relaxed elegance - a two seat Luxury performance Convertible for those who demand excellence with a dash of excitement.

THE ENGINE

The Spyder's state of the art engineering coupled with Maserati's legendary racing heritage produce a blend of power and responsiveness that will surely set the performance standard in its class.

The great Maserati engine produces 225 horsepower from its 2,8 liter twin turbo charged engine propelling this machine from zero to sixty in about six exhilarating seconds, up to a top speed of almost 150 miles per hour.

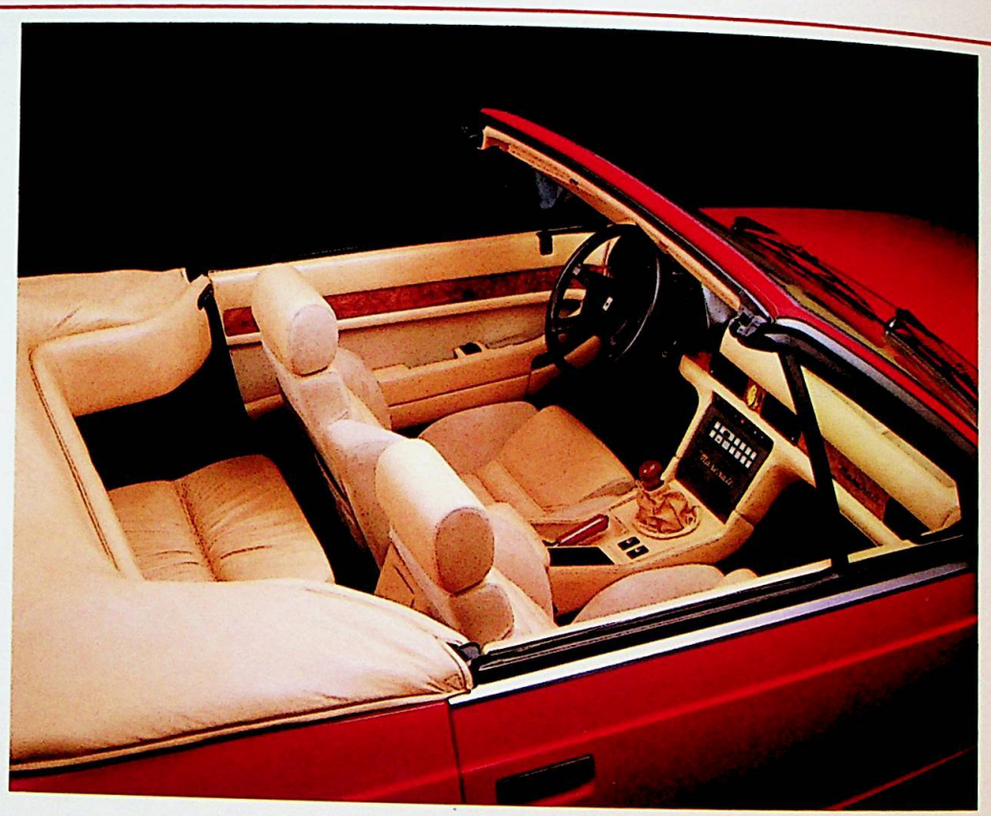
THE COACHWORK

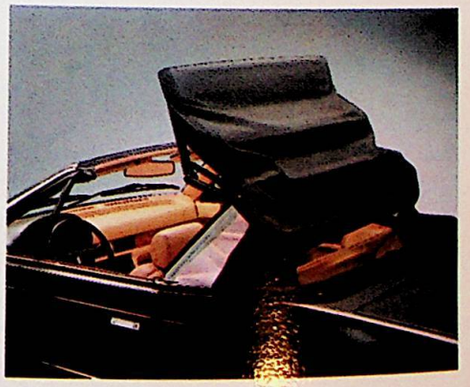
Elegance and aerodynamics - Italian style - mark this sleek Maserati convertible.
The lines of the hood, fenders and grill have been softened from those of earlier models to improve air flow, while retaining the traditionally aggressive look of Maserati.

This look is accentuated by the renowned trident emblem found both front and rear, and on the hubs of the new 15" alloy wheels.
Overall, the car is beautifully fitted and finished, in keeping with its class.

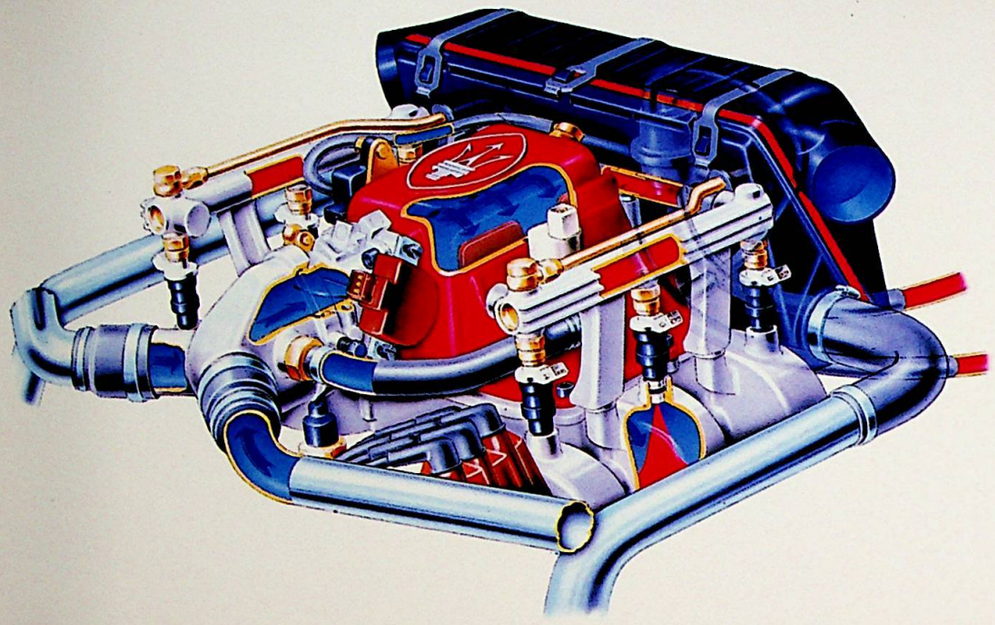
THE COCKPIT

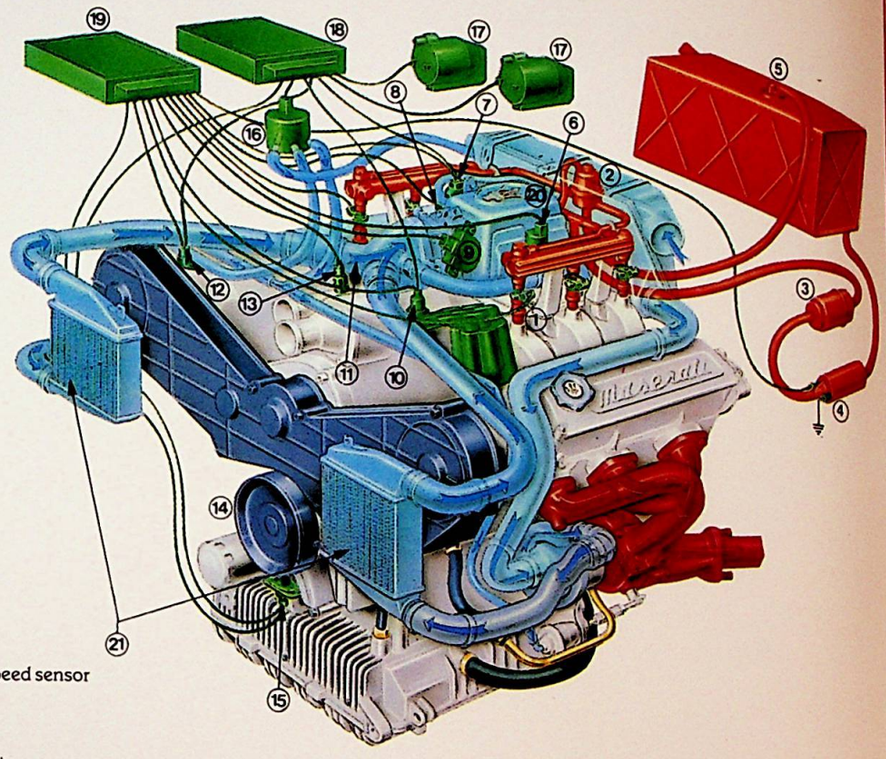
The interior of the Spyder is a treat to your eyes, hands and back. The quality of its sumptuous materials is matched only by the craftsmanship employed in the fitting of these rich woods and leathers.





ELECTRONIC FUEL INJECTION AND IGNITION





1) Electroinjectors
2) Pressure governor
3) Fuel filter
4) Fuel pump
5) Fuel tank
6) Air valve
7) Absolute pressure sensor
8) Air temperature sensor
9) Throttle potentiometer
10) Knocking sensor
11) Throttle body
12) Sensor on camshaft
13) Water temperature sensor
14) Crankshaft pulley
15) T.D.C. and engine speed sensor
16) Solenoid valve
17) Ignition coil
18) Ignition control unit
19) Injection control unit
20) Intake manifold
21) Intercooler

The electronic fuel injection and ignition systems fitted to Maserati automobiles ensures optimum performance with maximum fuel economy throughout the power curve of the engine. These advantages are achieved by the accurate metering of the fuel/air ratio and by the optimum monitoring of the ignition timing.
Maserati's electronic fuel injection is based on the Weber "Speed-Density" system. The combined values of the engine r.p.m., the air density and the air intake quality determine the precise volume of fuel required.
The injectors - one for each cylinder - are fed in phased sequence. For more accurate metering, the system is fitted with a progressive twin choke intake.
The electronic ignition system, as well as operating the ignition timing, constantly regulates the wastegates to prevent overboosting, allowing the excess gases to by-pass the turbochargers and flow to the exhaust system.
The engine can, therefore, run constantly close to maximum boost, thus fully exploiting all the available power.
This new concept, as well as controlling overboosting, protects the engine by preventing pre-ignition and over-revving; the system is governed by the Marelli Microplex electronic micro processor control unit in which are stored data on ignition timing, overboost limit and maximum vibration levels.
These protective measures allow an increase in compression ratio, producing maximum engine power with minimum fuel consumption, unlike normal turbocharged engines, which by necessity, have a low compression ratio to prevent pre-ignition.

In addition, each time the r.p.m. safety limit is exceeded, the fuel injection electronic micro processor control unit momentarily interrupts fuel supply to the engine thus protecting it from over-revving.

MASERATI SPYDER

Powerful, sporty, opulent and very distinctive - the Spyder is the car for the romantic in us all.

Elegant woods have been chosen for the facings on the doors, dashboard, and console, as well as for the handles of the handbrake and gearshift.

Suede material and leather in coordinated colors are used on the classic seating. The same fine upholstering is maintained in the convertible top. The weatherside is fine black canvas laid over an insulating layer; the cabinside is finished in suede material.

Rich carpeting and thermal insulation complete the sound insulation system that virtually eliminates resonance in the body shell and tames road noise on any surface.
Air quality is controlled during all seasons with a new Automatic Climate Control that combines the features of both heater and air conditioner.

SPYDER TECHNICAL DATA

ENGINE

Position		front
Cylinders	No.	V-6 at 90°
Bore x stroke	mm	94 x 67
Cubic capacity	cm^3	2790
Compression ratio		7.4 : 1
Maximum horsepower	HP	225 at 5600 r.p.m.
Maximum torque	ft/lbs	246 at 3500 r.p.m.
Turbochargers	No.	2 IHI, watercooled
Intercoolers	No.	2 air-to-air

Engine block and head in light alloy with cast-iron pressed-in wet liners; water cooling by centrifugal pump; forced lubrication and full-flow filtering; electronic fuel injection and ignition, two overhead camshafts; 18 valves, three per cylinder (two intake valves and one exhaust valve). Catalyst emission control system; 65 AMP alternator.

GEARBOX: ZF 5 speed Manual, ZF 4 speed Automatic (optional)

Rear wheel drive

REAR AXLE: Maserati Ranger

Ratio: 3.31 : 1

CHASSIS: monocoque construction

SUSPENSION: independent front & rear
- front: Mac Pherson strut with anti-roll bar and hydraulic shock absorber with coil springs.
- rear: semi-trailing arms mounted on subframe with Bilstein gas shock absorber, with coil springs

STEERING: power assisted rack & pinion steering

BRAKING SYSTEM: servo assisted; twin circuit, disc brakes on all four wheels. Front ventilated discs with floating calipers and rear drum parking brake

WHEELS: 7 J x 15"

TIRES:
front: 205/50
rear: 225/50

BODY: two-door convertible - 2 seats, sound proofed with Silent Travel®

PERFORMANCE

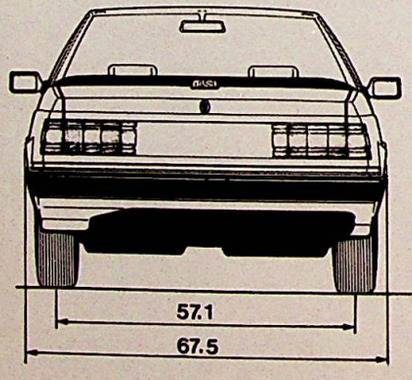
Maximum speed: 146 mph
0-60 m.p.h. 6.0 secs.

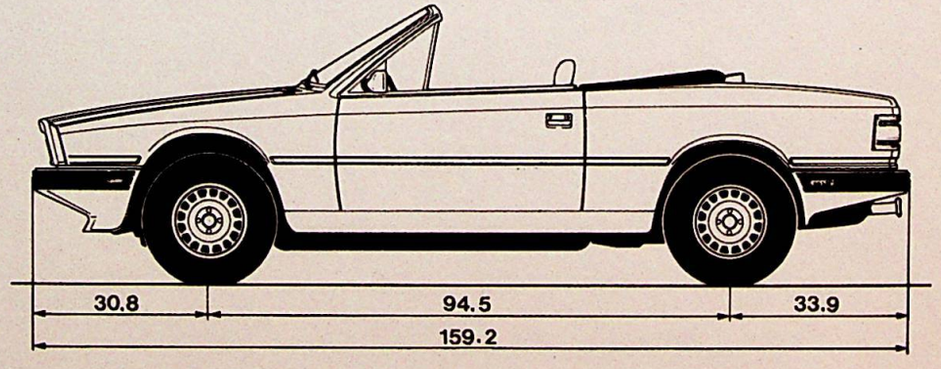
DIMENSIONS AND WEIGHTS

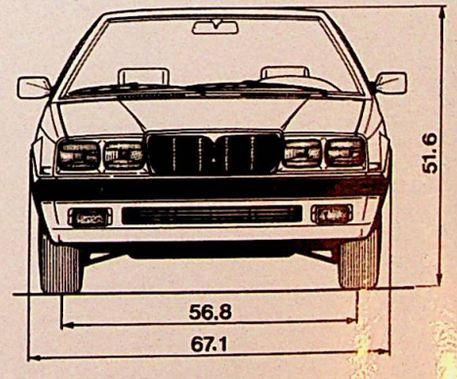
Wheelbase	in.	94.5
Front track	in.	56.8
Rear track	in.	57.1
Overall length	in.	159.2
Width	in.	67.5
Height	in.	51.6
Curb weight	lbs.	2925
Fuel tank	U.S. gal.	18 (usable)
Luggage compartment	cu.ft. approx	16
Turning circle	ft. approx	37

STANDARD FEATURES

☐ Power steering ☐ Steering wheel lock ☐ Vertical and longitudinal adjustment of steering wheel ☐ Fully power-operated driver's seat ☐ Front passenger seat with power-operated seat back ☐ Electronic fuel injection and ignition ☐ Front seat headrests ☐ Electrically adjusted outside dual rearview mirrors ☐ Dash mounted luxury clock ☐ Front ashtray, lighter and cigarette box ☐ Central door locking ☐ Remote power release fuel tank door ☐ Remote power release trunk lock ☐ Failure indicator ☐ Open door safety lights ☐ Automatic climate control ☐ Light alloy wheels ☐ Power windows on both doors ☐ Tinted glass ☐ Stereo radio, cassette and speakers ☐ Halogen head lights ☐ Reverse lights ☐ Front seat belts ☐ Generous use of leather trim and upholstery ☐ Spare wheel in retractable carrier.







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