

GEMINI SPECIFICATIONS

Model	Overall Length mm.(in.)	Overall Width mm.(in.)	Overall Height mm.(in.)	Wheelbase	Nominal Track. Front mm Rear (in.)	Weight (approx. kerb) kg. (lb.)	Turning Circle (kerb to kerb) m.(ft.)	Fuel Tank Capacity Litres (Gals)
Gemini Sedan	4133 (162.7)	1570 (61.8)	1318 (51.9)	2404 (94.6)	1301 (51.2) 1318 (51.9)	909 (2004)	9.4 (30.8)	52 (11.5)
Gemini 'SL' Sedan						920 (2028)		
Gemini 'SL' Coupe			1296 (51.0)			900 (1984)		

MODEL AVAILABILITY

			Power Train		
			L 4		
Model	No. Doors	W.B. mm	Axle Ratio : 1	Transmission	Engine Size cu. cc
GEMINI Sedan	4	2404	3.89	4-speed man.	1584
GEMINI 'SL' Sedan	4	2404	3.89	4-speed man.	1584
GEMINI 'SL' Coupe	2	2404	3.89	4-speed man.	1584

ENGINE

'1600'

Bore and Stroke	82.0 x 75.0 mm (3.23 x 2.95 in.)
Displacement (Actual)	1584 cc (96.7 cu.in.)
Gross Brake Horsepower	61kW @ 5200 rpm 82BHP @ 5200rpm
Gross Torque	127Nm @ 3600rpm 94lbs/ft @ 3600rpm
RAC Rating	16.69 h.p.
Compression Ratio	8.7 : 1

TRANSMISSION

1600 Manual

All synchromesh. 4-speed floor
shift. Ratios: 1st - 3.51;
2nd - 2.17; 3rd - 1.42; 4th - 1.00;
Reverse - 3.93.

1600 Tri-Matic
Automatic

T-Bar floor shift. Ratios: 1st - 2.31;
2nd - 1.46; 3rd - 1.00; Reverse - 1.85.

SUSPENSION

Front: Independent short/long arms on cross member rigidly attached to body. Linear coil springs. Telescopic dampers attached to upper control arm, anti roll bar.

Rear: Torque tube axle with two trailing arms and panhard rod, Linear coil springs, Vertically mounted telescopic dampers.

STEERING

Helical rack and pinion type. Overall steering ratio 20.7 : 1.

Caster: 5° positive. Camber: minus $\frac{1}{2}$ ° negative.

Toe-in: 1 - 3 mm. Two spoked circular steering wheel.

BRAKES

Boosted front wheel disc brakes (SL models); unboosted 4-door sedan; drums at rear. Front disc diameter - 239mm (9.4 in.); rear brake diameter - 229mm (9.0 in.). Floor mounted parking brake is mechanically operated on rear wheels.

WHEELS AND TYRES

Full circle vented disc wheels on all models.

Wheel sizes: All models -- 4.50JJ x 13

Tyre sizes: All models -- Y78L13 4P/R.

Optional: All models -- YR78S13 Steel Belted Radials.

FUEL SYSTEM.

Nippon Kikaki two barrel downdraft carburettor. Electrically controlled automatic choke is standard.

COOLING SYSTEM

Liquid pressurised system with thermostatic control and belt driven fan and water pump.

ELECTRICAL SYSTEM

12 volt with 35 amp alternator (40 with air conditioning) and pre-engage type starter motor.

INSTRUMENTS

Speedometer (0-180 km/h with odometer and tripmeter), Fuel Gauge, Temperature Gauge, Brake System Failure Warning Light plus separate Park Brake Warning Light, Generator Warning Light, Oil Pressure Warning Light, Hi-beam indicator. In addition there are two steering column mounted combination controls.

A right hand 'stalk' incorporates headlamp dimmer switch, turn signal switch, headlamp flasher and hazard warning switch. A 'control' on the left incorporates screen washer switch and a two-speed screen wiper switch.

SAFETY EQUIPMENT

Major Safety Equipment is:

Seat belts for all occupants.

Energy absorbing steering column and steering wheel.

Anti theft combined steering/ignition lock.

Tandem brake cylinder-dual hydraulic circuits.

Knock out type internal rear vision mirror mounting and shatterproof mirror.

Glare reduced external rear vision mirror.

Toughened windshield with modified zone.

Safety glass windows.

Glare reduced, safety padded instrument panel.

Recessed instruments and instrument panel controls.

Glare reduced instruments and controls.

Low profile window regulator handles.

Energy absorbing sun visors.

Flush fitting lift-up exterior door handles.

Safety door locks - rear doors childproof.

Electric windshield washer.

2-speed windshield wipers with glare reduced arms and blades.

Back up lamps.

Hazard warning flasher.

Front fender repeater lamps.

Fusible link in wiring harness.

3-speed heater demister.

Brake failure lamp.

Parking brake lamp.

Safety flanges on both rims of road wheels.

Direction indicator lamps.

Front seat head restraints.

Closed crankcase ventilation.

Evaporative emission control.

Exhaust emission control plus ADR 27A emissions.

Flow through ventilation - by 'ram' and 'blown' air.

OPTIONAL EQUIPMENT

Laminated windshield.

Air conditioning.

Tri-matic automatic transmission.

Radio stereo tape player.

Vinyl and nylon cloth trim (SL models only).

Radial ply tyres (YR78S13)

" " " (155SR13)

" " " (ZR70H13)

Power brake system (S models only).

Fashion Pack (SL models only).

Heavy duty battery.