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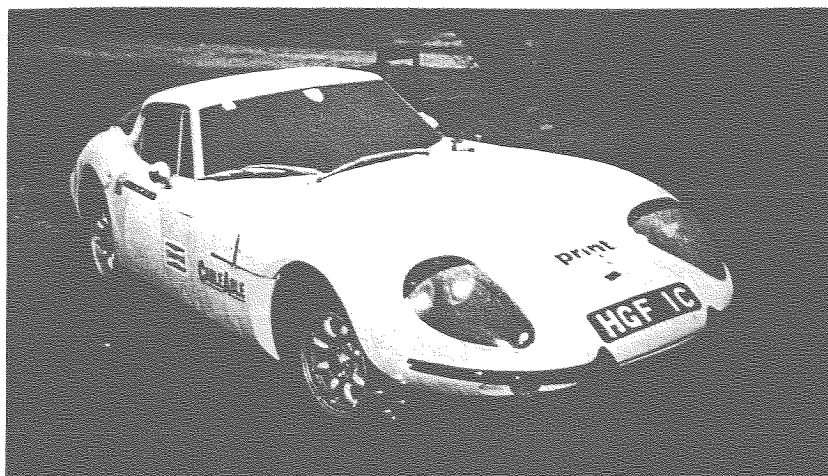
**Specification For MARCOS 1800 GT.  
Ref;- F.I.A. GTS Classification.**

Manufacturer ;- MARCOS.

Model ;- 1800 GT.

Type of Coachwork ;- Sports Coupe.

**Photograph of car from front right,**

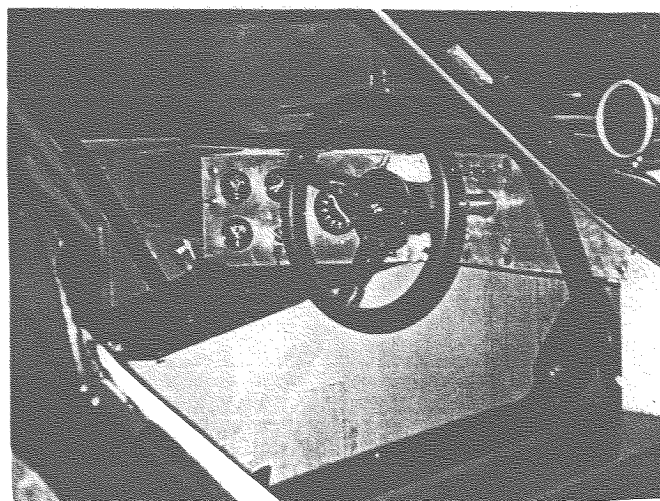
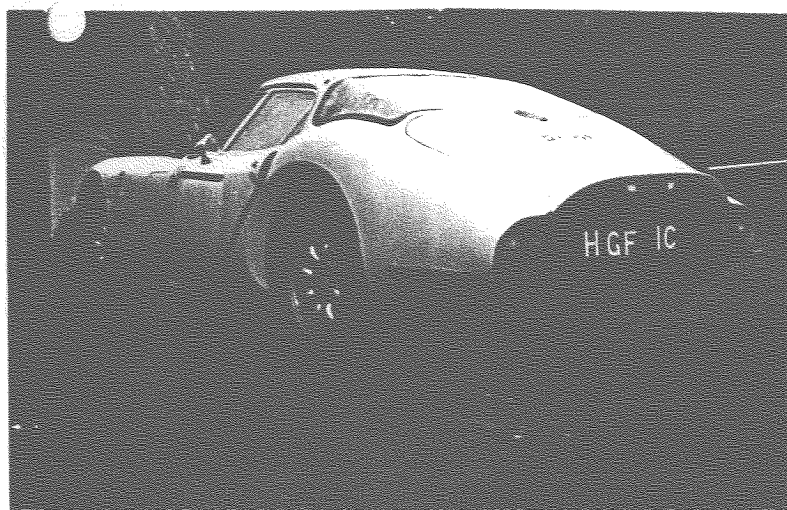


General description of car:- Glass fibre reinforced plastic coachwork, bonded to fabricated timber chassis frame.

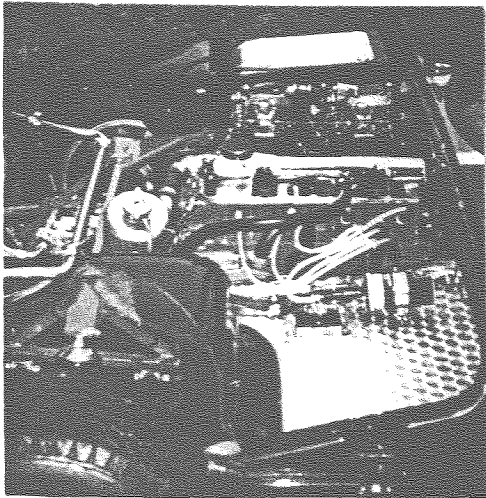
Photographs,

**View of car from rear left.**

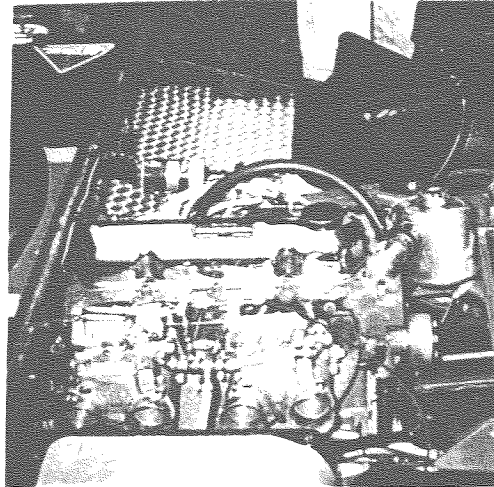
**Interior view of car through drivers door.**



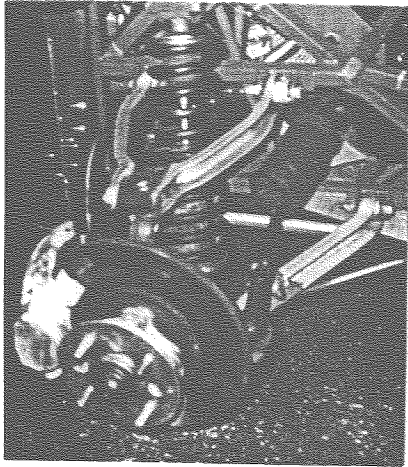
Engine unit from left.



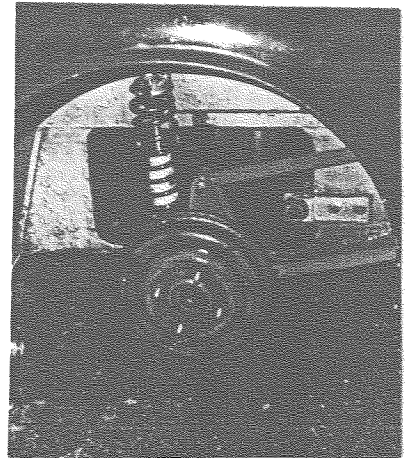
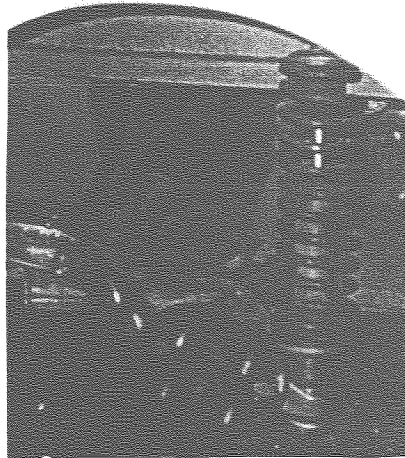
Engine unit from right.



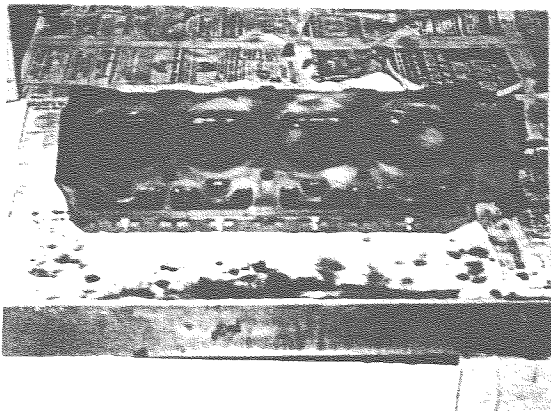
Front axle complete (without wheel).



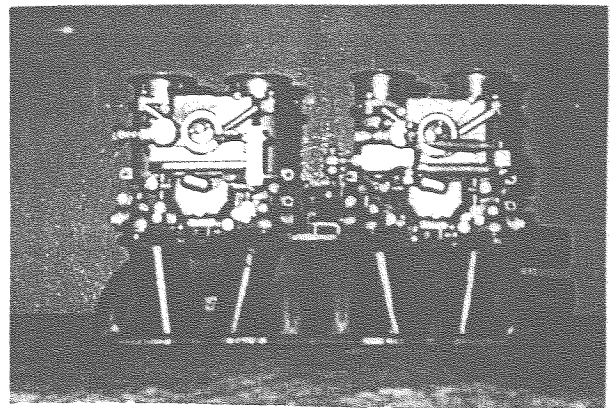
Rear axle complete (without wheel).



Photograph of combustion chamber.



Photograph of inlet manifold.



	<b>FRONT</b>	<b>LIVE REAR</b>	<b>INDEPENDENT REAR</b>
No. of wheel cylinders:-	<b>2 per wheel</b>	<b>1 per wheel</b>	<b>2 per wheel</b>
Diameter of wheel cylinders:-	<b>50.8mm</b>	<b>22mm</b>	<b>44.5mm</b>
Inside diameter of brake drums:-	<b>-</b>	<b>228mm</b>	<b>-</b>
No. of shoes per brake:-	<b>-</b>	<b>2</b>	<b>-</b>
Outside diameter of brake:-	<b>242mm</b>	<b>-</b>	<b>242mm</b>
No. of pads per brake:-	<b>2</b>	<b>-</b>	<b>2</b>
Dimensions:- Disk width:	<b>12mm</b>	<b>44.5mm</b>	<b>10mm</b>

**SUSPENSION**

	<b>FRONT</b>	<b>LIVE REAR</b>	<b>INDEPENDENT REAR</b>
Type:-	<b>unequal wishbones</b>	<b>trailing link</b>	<b>Marcos dedion</b>
Type of spring:-	<b>coil spring</b>	<b>coil spring</b>	<b>coil spring</b>
Is stabiliser fitted ?:-	<b>Yes</b>	<b>No</b>	<b>optional</b>
Type of shock absorber:-	<b>telescopic</b>	<b>telescopic</b>	<b>telescopic</b>
No. of shock absorbers:-	<b>2</b>	<b>2</b>	<b>2</b>

**STEERING**

Type of steering:- **rack and pinion**

No. of turns of steering wheel from lock to lock **2 1/3**

**DIMENSIONS AND WEIGHT**

Overall length of the car:- **408 cm**

Overall width of the car:- **160 cm**

Overall height of car:- **104 cm**

Chassis height:- **12 cm**

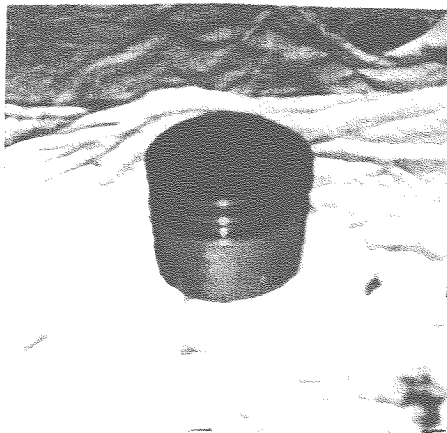
Distance from floor to top of windscreen:- **81 cm**

Width of track front:- **129.5 cm**

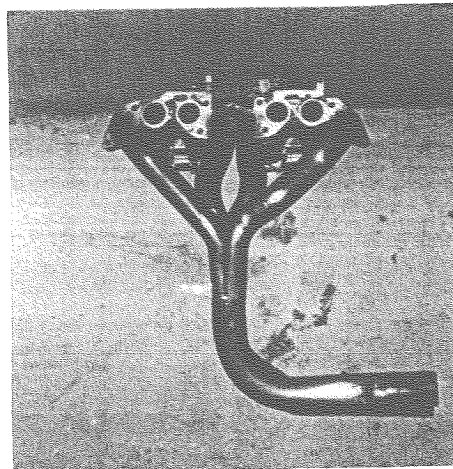
Width of track rear:- **132 cm**

Minimum weight of car, including oil and water:- **600 Kgs**

Photograph of piston showing crown.



Photograph of exhaust manifold.



**ENGINE.**

No. of cylinders:- **Four In line**

Firing order:- **1 3 4 2**

Capacity:- **1780cc**      Bore:- **84.14 mm**

Stroke:- **80 mm**

Maximum rebore:- **1 mm**

Resulting capacity:- **1809 cc**

Material of cylinder block:- **Cast iron**

Material of cylinder head :- **Cast iron**

Material of piston:- **Aluminium Alloy**

No. of piston rings:- **3**

Crankshaft main bearings:- Type: **Steel backed shell**, Dia: **63.445 mm**

Connecting rod big end:- Type: **Steel backed shell**, Dia: **54.095 mm**

No. of valves per cylinder:- **2**

Method of operation:- **Push rod**

No. of camshafts:- **1**

Location of camshaft:- **Cylinder block**

Type of camshaft drive:- **Steel gears**

Diameter of valves:-      Inlet: **44 mm**

Exhaust: **35 mm**

Diameter of port at valve seat:- Inlet: **41.5 mm**

Exhaust: **32.5 mm**

Maximum valve lift:-      Inlet: **16.2 mm**

Exhaust: **16.2 mm**

Valve springs:-

**INLET**

**EXHAUST**

Type:

**Coil**

**Coil**

No per valve:

**2**

**2**

Carburettor type:- **Side Draught**  
Make: **Weber**  
Flange hole diameter: **45 mm**

No. fitted: **2**  
Model: **45 D.C.O.E.**  
Choke diameter: **40 mm**

Inlet manifold:-  
Diameter of flange hole at carburettor: **45 mm**  
Diameter of flange hole at port: **40 mm**

Exhaust manifold:-  
Diameter of flange hole at port: **28mm x 41mm**  
Diameter of flange hole at connection to silencer inlet pipe: **54 mm o/d**

**ENGINE ACCESSORIES.**

Make of fuel pump:- **Facet** No. fitted:- **One**

Method of operation:- **Electrical**

Type of ignition system:- **Coil**

Make of distributor:- **Bosch**

Method of advance and retard:- **Centrifugal**

Make of ignition coil:- **Lucas**

No of ignition coils:- **One**

Make of dynamo:- **Lucas**

Voltage of dynamo:- **12 volt**

Make of starter motor:- **Bosch**

Battery, No. fitted:- **One** Voltage:- **12 volt** Capacity:- **38 amp hour**

Oil cooler type:- **Honeycomb** Capacity:- **One pint**

**TRANSMISSION**

Make of clutch:- **Borg & Beck** Type:- **Diaphragm**

Diameter of clutch plate:- **225mm** No. of plates:- **1**

Method of operating clutch:- **Hydraulic slave cylinder**

Make of gearbox:- **Volvo** Type:- **M40 or (M41 with overdrive)**

No. of gearbox ratios:- **Four forward and one reverse**

Method of operating gearshift:- **Direct mechanical**

Location of gearshift:- **Centre of propshaft tunnel**

Is overdrive fitted ? :- **Optional**

Method of controlling overdrive if fitted:- **Electric solenoid**

Gearbox ratios:-

**Standard: 3.13:1, 1.99:1, 1.36:1, 1:1 (0.083).**

**Optional: 2.6:1, 1.66:1, 1.24:1, 1:1.**

Type of final drive:- **Hypoid bevel**

Type of differential:- **Bevel gear, Salisbury limited slip.**

Final drive ratio:- **3.9:1.**

Alternatives:- **3.7:1, 4.1:1, 4.3:1, 4.55:1.**

Overdrive ratio:- **0.083.**

### **WHEELS**

Type:- **One piece aluminium**

Size:- **6 X 13**

Method of attachment:- **Four stud bolt on**

### **BRAKES**

Method of operation:- **Hydraulic**

Is servo assistance fitted ? :- **No**

Type of servo fitted- **N/A**

No. of hydraulic master cylinders:- **2**

Bore:- **0.75"**

Make of gearbox:- Volvo Type:- M40 or (M41 with overdrive)

No. of gearbox ratios:- Four forward and one reverse

Method of operating gearshift:- Direct mechanical

Location of gearshift:- Centre of propshaft tunnel

Is overdrive fitted ? :- Optional

Method of controlling overdrive if fitted:- Electric solenoid

Gearbox ratios:-

Standard: 3.13:1, 1.99:1, 1.36:1, 1:1 (0.083).

Optional: 2.6:1, 1.66:1, 1.24:1, 1:1.

Type of final drive:- Hypoid bevel

Type of differential:- Bevel gear, Salisbury limited slip. De Dion Paul type L.S.

Final drive ratio:- 3.9:1. Alternatives:- 3.7:1, 4.1:1, 4.3:1, 4.55:1.

Overdrive ratio:- 0.083.

**WHEELS**

Type:- One piece aluminium Size:- 6 X 13

Method of attachment:- Four stud bolt on

**BRAKES**

Method of operation:- Hydraulic

Is servo assistance fitted ? :- No

Type of servo fitted- N/A

No. of hydraulic master cylinders:- 2 Bore:- 0.75"