

Manufacturers Reference No. for Application

FB 200



F.I.A. Recognition No.

206

ROYAL AUTOMOBILE CLUB

PALL MALL, LONDON, S.W.1.

Federation Internationale de l'Automobile.

Form of Recognition in accordance with
Appendix J to the
International Sporting Code.

Manufacturer Grantura Engineering Ltd.
Model TVR Griffith 200. Year of Manufacture 1965.
Chassis 200/5/001.
Serial No. of Engine
Type of Coachwork Grand Touring.
Recognition is valid from 1st August 1965 In category GT

Photograph to be affixed here $\frac{3}{4}$ view of car from front right.



Stamp of F.I.A./R.A.C. to be
affixed here.

Form: R.F.I.A.

Make.....TVR.....Griffith
Model.....200.....F.I.A. Recognition No.....

General description of car:

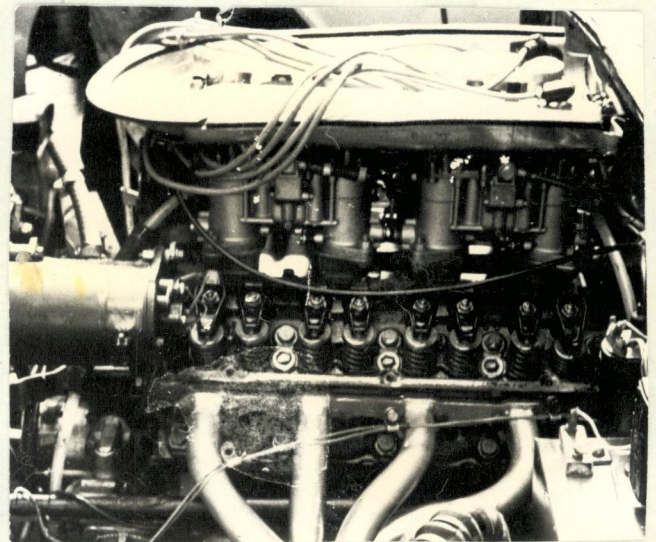
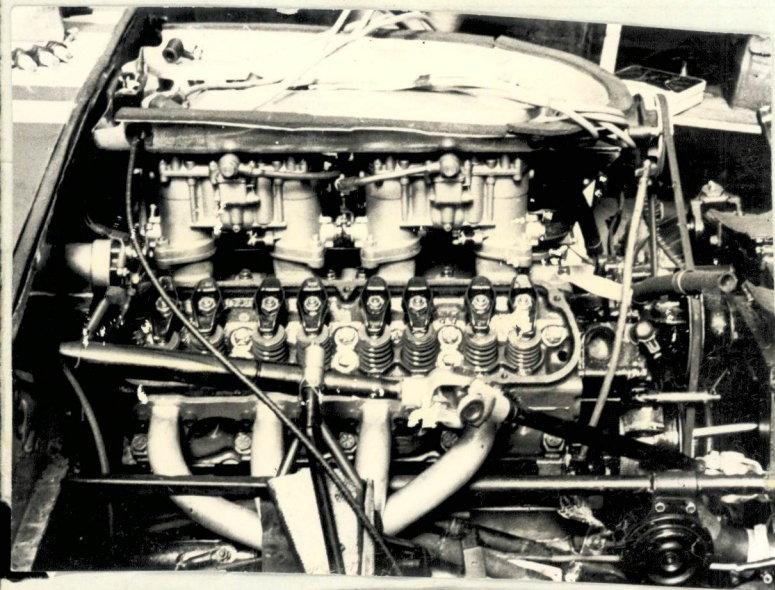
Specify here material/s of
chassis/body construction

Chassis = Multi-Tubular Steel.
Body = Fibreglass 2 Seater GT.

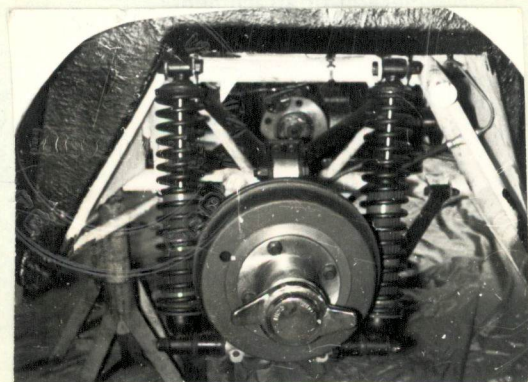
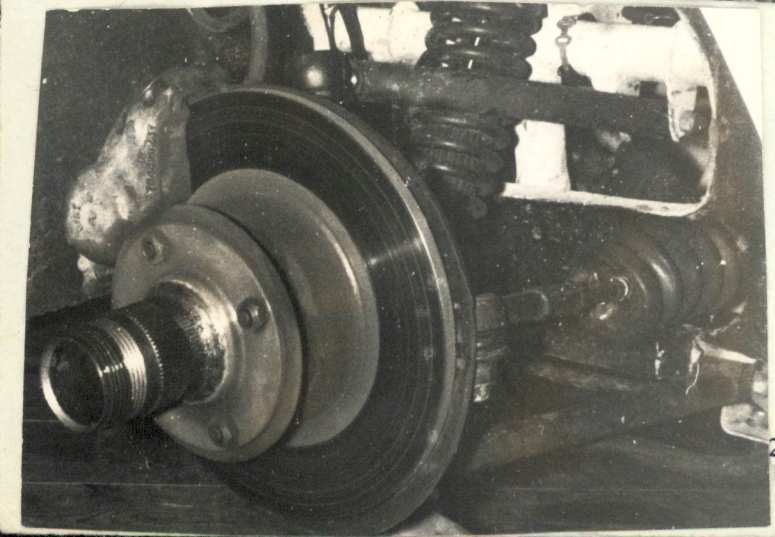


exed below.

Interior



Rear axle complete (without wheels).



Make TVR Model Griffith F.I.A. Recognition No. 206

ENGINE

in line No. Catalogued B.H.P. _____
No. of cylinders 8 in V Yes 8. at R.P.M. _____
opposed No.

Cycle 4 stroke. Firing order 1 5 4 2 6 3 7 8

Capacity 4727 c.c. Bore 101.76 m.m. Stroke 72.9 m.m.

Maximum rebore 1.524mm. Resultant capacity 4868 c.c.

Material of cylinder block Cast iron. Material of sleeves, if fitted None.

Distance from crankshaft centre line to top face of block at centre line of cylinders 208.432 m.m.

Material of cylinder head Cast iron. Volume of one combustion chamber 42/43 c.c.

Compression ratio 13.1

Material of piston Alloy No. of piston rings 3.

Distance from gudgeon pin centre line to highest point of piston crown 46.99 m.m.

Bearings { Crankshaft main bearings: Type Copper lead. Dia. 57.15 m.m.
Connecting rod big end: Type Copper lead. Dia. 53.98 m.m.

Weights { Flywheel 9.3 kg.
Crankshaft 16.8 kg.
Connecting rod .63 kg.
Piston with rings .597 kg.
Gudgeon pin .142 kg.

No. of valves per cylinder Two Method of valve operation Tappet

No. of camshafts One Location of camshafts Cyl Block.

Type of camshaft drive Chain.

Diameter of valves: Inlet 47.7 m.m. Exhaust 41.30 m.m.

Diameter of port at valve seat: Inlet 44.2 m.m. Exhaust 38.9 m.m.

Tappet clearance for checking timing: Inlet .000 m.m. Exhaust .000 m.m.

Valves open: Inlet 28° BTDC Exhaust 72° ATDC

Valves close: Inlet 72° ABDC Exhaust 28° ATDC

Maximum valve lift: Inlet 13.3 m.m. Exhaust 13.3 m.m.

Degrees of crankshaft rotation from zero to—

Maximum lift: Inlet 112° Exhaust 248°

$\frac{3}{4}$ Maximum lift: Inlet 50 Exhaust 186°

Valve springs: Inlet _____ Exhaust _____
Type Coil _____ Coil. _____

No. per valve Two _____ Two _____

Carburettor: Type Down draft No. fitted Four
(up or down draft, horizontal)

Make Weber Model 48 1DM

Flange hole diameter 48 m.m. Choke diameter 42 m.m.

Main jet identification No. 165

Make TVR Model Griffith F.I.A. Recognition No. 206

Air filter: Type DRY No. fitted -

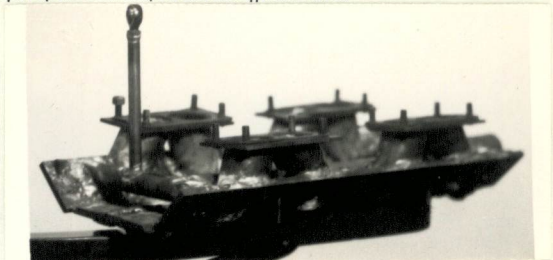
Inlet manifold: 48

Diameter of flange hole at carburettor.....m.m.

Diameter of flange hole at port.....42mm x 50.8mm.....m.m.

Photograph of combustion chamber to be affixed here.

Photograph of inlet manifold to be affixed here.



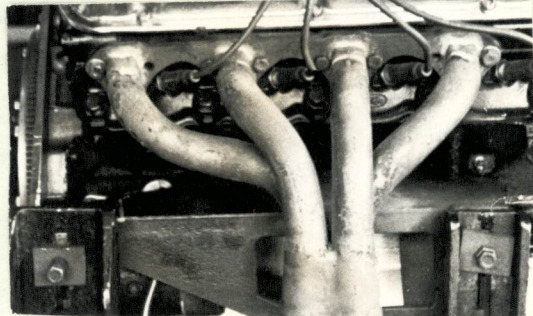
Exhaust manifold:

Diameter of flange hole at port.....30.2 x 41.5.....m.m.

Diameter of flange hole at connection to silencer inlet pipe.....76.....m.m.

Photograph of piston showing crown to be affixed here.

Photograph of exhaust manifold to be affixed here.



ENGINE ACCESSORIES

Make of fuel pump SU or Bendix. No. fitted One or Two

Method of operation Electric or mechanical.

Type of ignition system Coil.....coil or magneto

Make of ignition Autolite or Lucas. Model C30FD 121/27-D

Method of advance and retard Centrifugal and Vacuum

Make of ignition coil Autolite or Lucas Model FAC 12029A.

No. of ignition coils TWO Voltage 12v.

Make of ~~dynamo~~ Generator. Ford. Model C5DF/10300-A

Voltage of ~~dynamo~~ 12. Maximum output.....38.....amps.

Make of starter motor Ford Model C5TZ-11002-A.

Battery: No. fitted One Voltage 12. Capacity 58.....amp. hour

Oil Cooler (if fitted) type Air Cooled. Capacity 2.5.....pints

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TRANSMISSION

Make of clutch Ford. Type Dry Plate.
 Diameter of clutch plate 267 mm. No. of plates One.
 Method of operating clutch Hydraulic and mechanical.
 Make of gearbox Ford or Borg Warner. Type Syncromesh.
 No. of gearbox ratios 4 fwd 1 reverse.
 Method of operating gearshift Manual.
 Location of gearshift Central.
 Is overdrive fitted? No.
 Method of controlling overdrive, if fitted None.

	GEARBOX RATIOS		ALTERNATIVE RATIOS						
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	
1.	2.32	32/15	2.33	36/17	2.20	36/17	2.36	36/17	2.78 32/15
2.	1.69	28/18	1.61	29/20	1.63	30/17	1.75	30/19	1.93 31/21
3.	1.29	25/21	1.20	27/25	1.31	29/23	1.40	24/23	1.36 25/24
4.	1.00	-	-	-	-	-	-	-	-
5.									

Type of final drive Hypoid.
 Type of differential Semi Floating Limited slip.
 Final drive ratio 3.77 Alternatives 3.07/3.31/3.54/
 No. of teeth 13/49 4.09/4.27/4.55/4.89/5.38/6.17
 Overdrive ratio, if fitted None

WHEELS

Type Wire Weight kg.
 Method of attachment Knock on.
 Rim diameter 381. m.m. Rim width 165 m.m.
 Tyre size: Front 185 x 15 Rear 185 x 15

BRAKES

Method of operation Hydraulic.
 Is servo assistance fitted? Yes
 Type of servo, if fitted Girling.
 No. of hydraulic master cylinders 2 Bore 17.78 m.m.

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	Front	Rear
No. of wheel cylinders	6	2
Bore of wheel cylinders	40.37 x 56.89 m.m.	30.22 x 42.6 m.m.
Inside diameter of brake drums	-	9 x 1 1/2" Dia m.m.
No. of shoes per brake	-	-
Outside diameter of brake discs	273.8 m.m.	273.8 m.m.
No. of pads per brake	Two	2.
Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)		

	Front	Rear
Length	88.9 m.m.	254.2 m.m.
Width	50.8 m.m.	44.4 m.m.
Total area per brake	9032 m.m. ²	11,277.6 m.m. ²

SUSPENSION

	Front	Rear
Type	Coil Spring	Double Coil Spring.
Type of spring	Helical	Helical
Is stabiliser fitted?	Yes	Yes
Type of shock absorber	Telescopic	Telescopic
No. of shock absorbers	Two	Four

STEERING

Type of steering gear Rack and Pinion.

Turning circle of car 10 m., approx.

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

CAPACITIES AND DIMENSIONS

Fuel tank 108 litres Sump 5.5 litres

Radiator 13.5 litres

Overall length of car 356 cm. Overall width of car 162.5 cm.

Overall height of car, unladen (with hood up, if appropriate) 122 cm.

Distance from floor to top of windscreen:

Highest point 96 cm. Lowest point 63 cm.

Width of windscreen:

Maximum width 134 cm. Minimum width 122 cm.

*Interior width of car 122 cm.

No. of seats Two

Track: Front 136.5 cm. Rear 140.9 cm.

Wheelbase 217.17 cm. Ground clearance 152 m.m.

*(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.)

Overall weight with water, oil and spare wheel, but without fuel 891 kgs.

Additional information for cars fitted with two-cycle engines

System of cylinder scavenging.....

Type of lubrication.....

Size of inlet port:

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.²

Size of exhaust port:

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.²

Size of transfer port:

Length measured around cylinder wall..... m.m.

Height..... m.m. Area..... m.m.²

Size of piston port:

Length measured around piston..... m.m.

Height..... m.m. Area..... m.m.²

Method of pre-compression.....

Bore and stroke of pre-compression cylinder, if fitted..... m.m.

Distance from top of cylinder block to lowest point of inlet port..... m.m.

Distance from top of cylinder block to highest point of exhaust port..... m.m.

Distance from top of cylinder block to highest point of transfer port..... m.m.

Drawing of cylinder ports.

Supercharger, if fitted

Make..... Model or Type No.....

Type of drive..... Ratio of drive.....

Fuel injection, if fitted

Make of pump..... Model or Type No.....

Make of injectors..... Model or Type No.....

Location of injectors.....

Optional equipment affecting preceding information:—

Drumbrakes at rear 10"Dia x 1 $\frac{3}{4}$ "

~~.....~~

15 Gallon Fuel Tank

~~.....~~

Intake Manifold and One 4 Choke Carburetter

~~.....~~

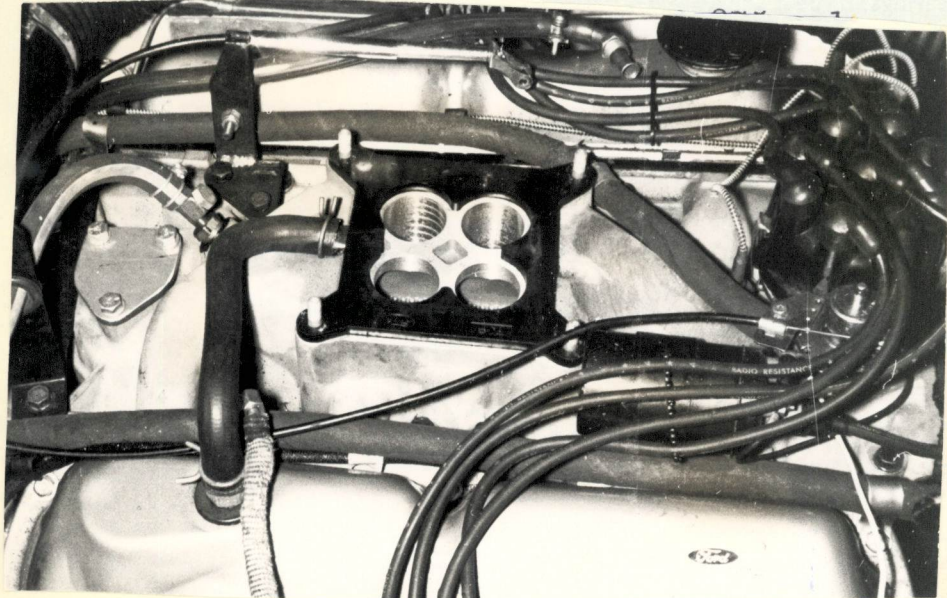
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Bolt on Magnesium Alloy Wheels. Rim Width 153mm, 178mm, 190.5mm, 201.0mm, 221.8mm, 223.5mm.

Tyre sizes 600, 650, 700, 770, 800, 850, 875 inches - maximum increased ~~is~~ track - front 143.55 rear 147.95.



specifications!



SINGLE CARBURETTOR MANIFOLD

photo. 4 choke carburettor to be added. JJS