Manufacturers Reference No. for Application

5/62/DAG

F.I.A. Recognition No. 75

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 FORD MOTOR COMPANY LTD

Model CONSUL CAPRI 116E/117E Year of Manufacture 1962

Serial No. of Chassis 116E/140618

Engine 116E/140618

Type of Coachwork COUPE

Recognition is valid from 8 OCT 1962 In category GT

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Photograph to be affixed here. ¾ view of car from front right.

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

Form: R.F.I.A.

General description of car:

Specify here material/s of chassis/body construction

2 DOOR, 2 (OCCASIONAL 4) SEATER FIXED HEAD COUPE . BODY AND CHASSIS OF STEEL

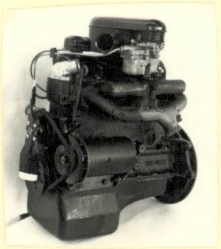
Photographs to be affixed below.

¾ view of car from rear left.

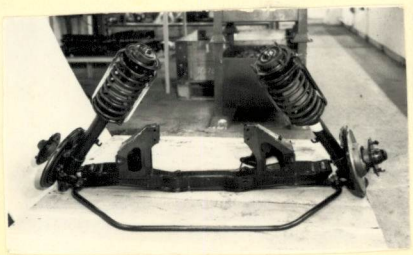
Interior view of car through driver's door.

Engine unit with accessories from right.

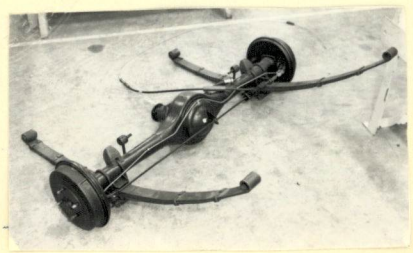
Engine unit with accessories from left.



Front axle complete (without wheels).



Rear axle complete (without wheels).



ENGINE

No. of cylinders FOUR — in line ..... in V ..... opposed .....

Cycle FOUR STROKE — Firing order 1 - 2 - 4 - 3

Capacity 1498 c.c. — Bore 80.97 m.m. — Stroke 72.75 m.m.

Maximum rebore 0.762 MM — Resultant capacity 1527 c.c.

Material of cylinder block CAST IRON — Material of sleeves, if fitted -

Distance from crankshaft centre line to top face of block at centre line of cylinders 197.8/198 m.m.

Material of cylinder head CAST IRON — Volume of one combustion chamber HC 43.4 LC 54.5 c.c.

Compression ratio 8.3:1 (OPT 7.3:1)

Material of piston ALUMINIUM ALLOY — No. of piston rings THREE

Distance from gudgeon pin centre line to highest point of piston crown 38.837/38.887 m.m.

Bearings
- Crankshaft main bearings: Type BABBIT-STEEL BACK Dia. 53.987/54.0 m.m.
- Connecting rod big end: Type COPPER LEAD OR LEAD BRONZE Dia. 49.2/49.2125 m.m.

Weights
- Flywheel 8,28 kg.
- Crankshaft 10.43 kg.
- Connecting rod 0.558 kg.
- Piston with rings 0.413 kg.
- Gudgeon pin 0.099 kg.

No. of valves per cylinder TWO — Method of valve operation PUSH ROD & ROCKER

No. of camshafts ONE — Location of camshafts IN CYLINDER BLOCK

Type of camshaft drive CHAIN

Diameter of valves:	Inlet	36.373/36.627 m.m.	Exhaust	30.048/30.302 m.m.
Diameter of port at valve seat:	Inlet	32.512 m.m.	Exhaust	25.4 m.m.
Tappet clearance for checking timing:	Inlet	0.254 m.m.	Exhaust	0.432 m.m.
Valves open:	Inlet	17° BTDC	Exhaust	51° BBDC
Valves close:	Inlet	51° ABDC	Exhaust	17° ATDC
Maximum valve lift:	Inlet	8.001 m.m.	Exhaust	8,102 m.m.

Degrees of crankshaft rotation from zero to—

Maximum lift:	Inlet	124°	Exhaust	124°
¾ Maximum lift:	Inlet	72°	Exhaust	72°

Valve springs:

	Inlet	*Exhaust*
Type	STRAIGHT COIL	STRAIGHT COIL
No. per valve	ONE	ONE

Carburettor: Type DOWN DRAFT (up or down draft, horizontal) — No. fitted ONE

Make ZENITH — Model 33 VN

Flange hole diameter 33 m.m. — Choke diameter 29 m.m.

Main jet identification No. 92

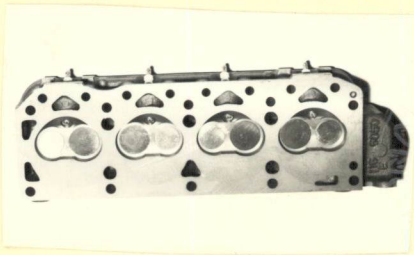
Air filter: Type DRY - PAPER TYPE No. fitted ONE

Inlet manifold:

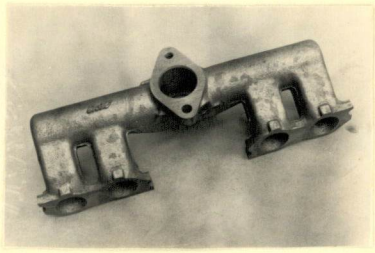
Diameter of flange hole at carburettor 33.0 m.m.

Diameter of flange hole at port 28.4 m.m.

Photograph of combustion chamber to be affixed here.



Photograph of inlet manifold to be affixed here.



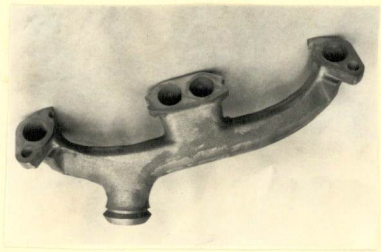
Exhaust manifold:

Diameter of flange hole at port 27.9 m.m.

Diameter of flange hole at connection to silencer inlet pipe 36.6 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 A.C. No. fitted ONE

Method of operation BY ECCENTRIC ON CAMSHAFT

Type of ignition system OIL FILLED COIL coil or magneto

Make of ignition LUCAS Model (DISTRIBUTOR) 25D4

Method of advance and retard AUTOMATIC CENTRIFUGAL AND VACUUM

Make of ignition coil LUCAS OR AC DELCO Model LA 12

No. of ignition coils ONE Voltage 12 v

Make of dynamo LUCAS Model C40L

Voltage of dynamo 12V Maximum output 25 amps.

Make of starter motor LUCAS Model M 35 G OR H

Battery: No. fitted ONE Voltage 12v Capacity 38 amp. hour

Oil Cooler (if fitted) type - Capacity - pints

Make FORD Model CONSUL CAPRI F.I.A. Recognition No.

Manufacturers Reference No. of Application

TRANSMISSION

Make of clutch FORD/BORG & BECK Type DRY PLATE

Diameter of clutch plate 184.15 MM No. of plates ONE

Method of operating clutch HYDRAULICALLY OPERATED

Make of gearbox FORD Type CONVENTIONAL SYNCHROMESH

No. of gearbox ratios FOUR

Method of operating gearshift MANUAL SHIFT

Location of gearshift STEERING COLUMN OR REMOTE FLOOR SHIFT

Is overdrive fitted? NO

Method of controlling overdrive, if fitted -

	GEARBOX RATIOS		ALTERNATIVE RATIOS					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth
1.	3.543	32/17 x 32/17	3.543	32/17 x 32/17				
2.	2.396	32/17 x 28/22	2.04	32/17 x 27/24				
3.	1.412	32/17 x 21/28	1.412	32/17 x 21/28				
4.	1.000	DIRECT	1.000	DIRECT				
5.								

Type of final drive HYPOID

Type of differential BEVEL AND PINION

Final drive ratio 4.125 Alternatives 4.111 4.429 ~~4.444~~ 4.7

No. of teeth 33/8 37/9

Overdrive ratio, if fitted -

WHEELS

Type STEEL DISC Weight (WHEEL AND TYRE) 12.7 kg.

Method of attachment 4 STUD

Rim diameter 330.2 m.m. Rim width 101.6 m.m.

Tyre size: Front 5.60 - 13 Rear 5.60 - 13

BRAKES

Method of operation HYDRAULIC

Is servo assistance fitted? NO

Type of servo, if fitted -

No. of hydraulic master cylinders ONE Bore 19.05 m.m.

	Front	Rear
No. of wheel cylinders	TWO	ONE
Bore of wheel cylinders	48.06 m.m.	22.225 m.m.
Inside diameter of brake drums	- m.m.	228.6 m.m.
No. of shoes per brake	-	TWO
Outside diameter of brake discs	241.3 m.m.	- m.m.
No. of pads per brake	TWO	-

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	60.45 m.m.	210.3 m.m.
	m.m.	m.m.
Width	47.63 m.m.	44.45 m.m.
Total area per brake	5787 m.m.²	18581 m.m.²

SUSPENSION

	Front	Rear
Type	INDEPENDENT	LONGITUDINAL
Type of spring	COIL SPRINGS	SEMI ELLIPTIC LEAF
Is stabiliser fitted?	YES	NO
Type of shock absorber	TELESCOPIC	LEVER ARM
No. of shock absorbers	TWO	TWO

STEERING

Type of steering gear RECIRCULATING BALL

Turning circle of car 10.36 m., approx.

No. of turns of steering wheel from lock to lock 3

CAPACITIES AND DIMENSIONS

Fuel tank 40.914 litres Sump 3.196 litres

Radiator 5.948 litres

Overall length of car 433.75 cm. Overall width of car 165.61 cm.

Overall height of car, unladen (with hood up, if appropriate) 136.73 cm.

Distance from floor to top of windscreen:

Highest point 97.8 cm. Lowest point 94.0 cm. (APPROX)

Width of windscreen:

Maximum width 124.5 cm. Minimum width 109.2 cm. (APPROX)

*Interior width of car 122.2 cm.

No. of seats TWO

Track: Front 125.73 cm. Rear 125.73 cm.

Wheelbase 251.66 cm. Ground clearance 148.8 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 917 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

1. ENGINE SUMP SHIELD
2. FOUR BLADE FAN
3. FUEL TANK SHIELD
4. HEAVY DUTY SUSPENSION
5. 5.90 - 13 TYRES
6. LAMINATED GLASS WINDSCREEN
7. 51 AH BATTERY
8. ADDITIONAL FUEL TANK 40.914 LITRES

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

FORD – CONSUL CAPRI	10/62	75
MARQUE ET MODELE	VALIDITE HOMOLOGATION	FICHE NR.

	GT / 1600
	GROUPE / CLASSE

EXTENSIONS	DEBUT VALIDITE	DESCRIPTION	NOTES

Autres homologations du modèle 109

Vérifiée le 26/2/86 par _____ visée ce jour le _____ par _____