Telephone: LExington 2-5521

Cable Address: "ACCUSFIA - NEW YORK"

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES FIA, INC.

107 E. 38th STREET, NEW YORK 16, N.Y.

FORM OF RECOGNITION IN ACCORDANCE WITH APPENDIX J TO THE INTERNATIONAL SPORTING CODE

Manufacturer's Reference No. for application 63-D-64 (Revised Feb. 26, 1964)

FIA Recognition No. 1283

Manufacturer Ford Motor

Model 1964 Comet Caliente

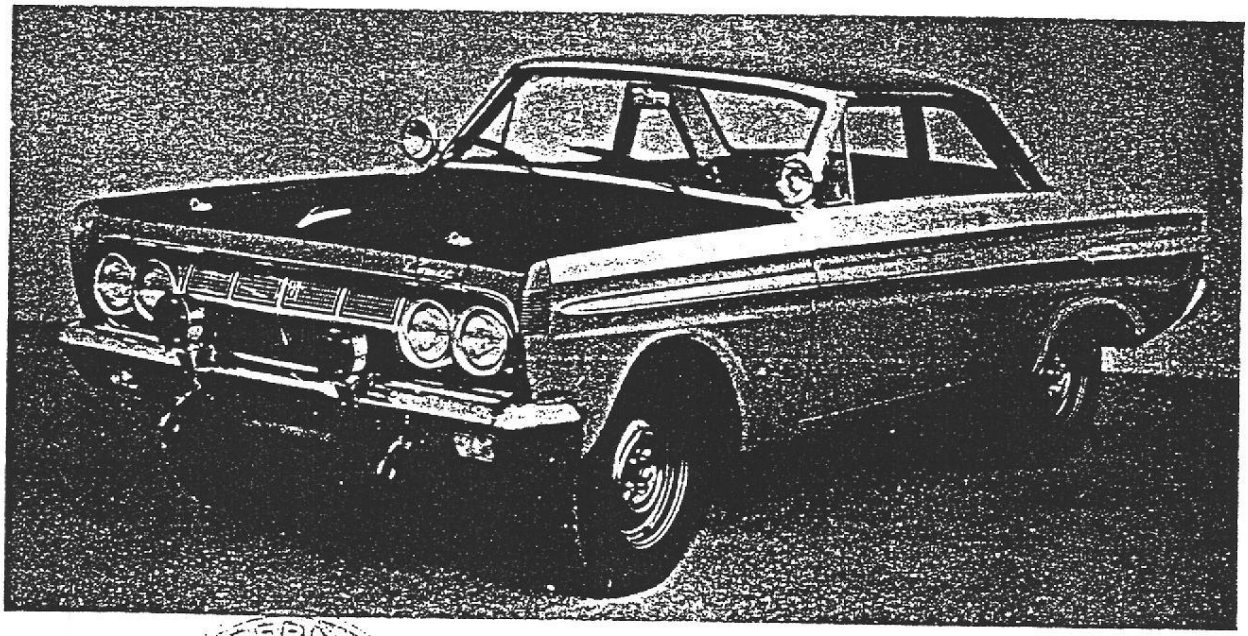
Year of manufacture 1963 - 1964

Serial No. of Chassis starts with 4H23K-500001

Engine starts with 4H23K-500001

Type of bodywork Two Door Pillarless Coupe

Recognition is valid from 1-1-March 64 (FIA to insert date) In category Touring



Stamp of FIA to be affixed here

Stamp of ACCUS-FIA, INC. to be affixed here

Signed George C. Bond
Sec'y

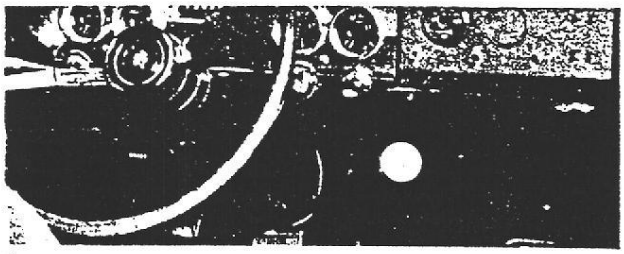
FEB 27 1964

REFERENCE NUMBER FOR APPLICATION _____

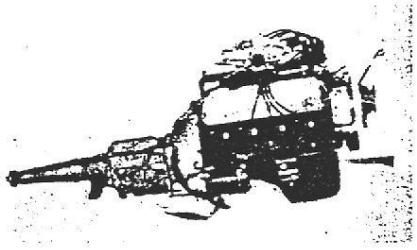
General description of car: (specifying materials of bodywork) Two door body shell in unit with chassis, welded steel construction. Body panels of pressed steel sheet. Bumpers, grille, brightwork, and miscellaneous embellishment -- optionally of plated pressed steel sheet or pressed aluminum alloy or stainless steel. Main load-carrying structure is welded, and other panels are variously welded, bolted, riveted, screwed, glued, etc., to complete the automobile.

Photographs to be affixed below:

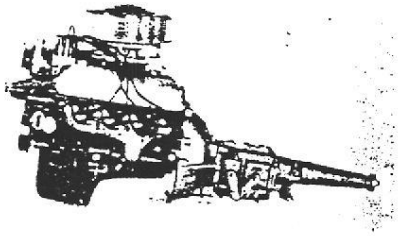
(3/4 view of car from rear left.)



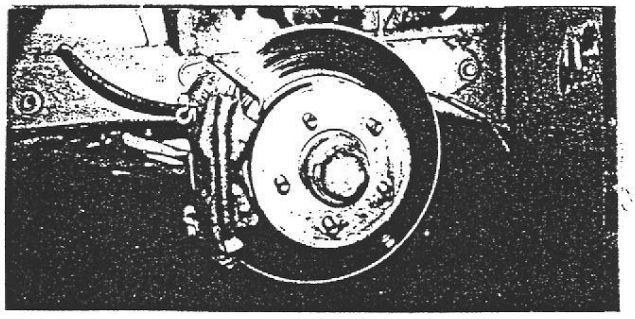
(Interior view of car through driver's door.)



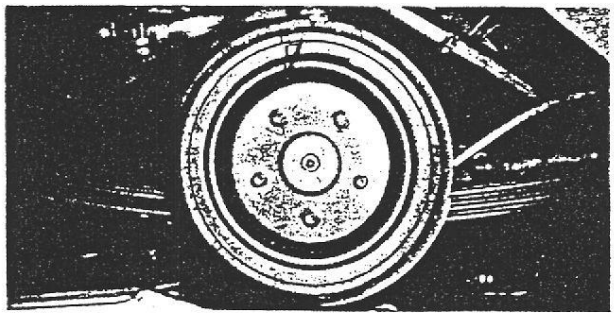
(Engine unit with accessories from right.)



(Engine unit with accessories from left.)



(Front axle complete (without wheels).)



(Rear axle complete (without wheels).)

REFERENCE NUMBER FOR APPLICATION _____

ENGINE

No. of cylinders 8 — in line _____ / in Vee-Eight x / opposed _____

Cycle 4 — Firing order 1-5-4-2-6-3-7-8

Capacity 4728 cc — Bore 101.60 mm — Stroke 72.9 mm

Maximum rebore 1.524 mm — Resultant capacity 4868 cc

Material of cylinder block Cast Iron — Material of sleeves, if fitted None Fitted

Distance from crankshaft center line to top face of block at center line of cylinders 208.41 mm

Material of cylinder head Cast Iron — Volume of one combustion chamber 47.7 cc

Compression ratio 11.6:1

Material of piston Aluminum Alloy — No. of piston rings 3

Distance from wrist pin center line to highest point of piston crown 46.99 mm

Bearings
(Crankshaft main bearings: Type Copper-Lead Dia. 57.10 mm
(Connecting rod big end: Type Copper-Lead Dia. 53.92 mm

Weights
(Flywheel 9.25 kg
(Crankshaft 17.39 kg
(Connecting rod .622 kg
(Piston with rings .658 kg
(Wrist pin .145 kg

No. of valves per cylinder 2 — Method of valve operation Mech. Tappet Pushrod & Rocker

No. of camshafts One — Location of camshafts In Cyl. Block

Type of camshaft drive Chain

Diameter of valves:	Inlet	47.7 mm	Exhaust	41.275 mm
Diameter of port at valve seat:	Inlet	44.186 mm	Exhaust	38.887 mm
Tappet clearance for checking timing:	Inlet	Open .31 Close .41 mm	Exhaust	Open .31 Close .41 mm
Valves open:	Inlet	46° BTDC	Exhaust	94° BBDC
Valves close:	Inlet	84° ABDC	Exhaust	36° ATDC
Maximum valve lift:	Inlet	11.62@.51mm Lash mm	Exhaust	11.62@.51mm Lash mm

Degrees of crankshaft rotation from zero to -

Maximum lift:	Inlet	108°	Exhaust	120°
3/4 Maximum lift:	Inlet	47°@.51mm Lash	Exhaust	59°@.51mm Lash

Valve springs:	Inlet	Exhaust
Type	Coil	Coil
No. per valve	2	2

Carburetor: Type Downdraft (up or down draft, horizontal) — No. fitted One 4 Barrel

Make Ford — Model C4OF-9510

Flange hole diameter 39.7 mm — Choke diameter 44 PRI, 46.5 Sec. mm

Main jet identification No. 54 PSI, 63 Sec.

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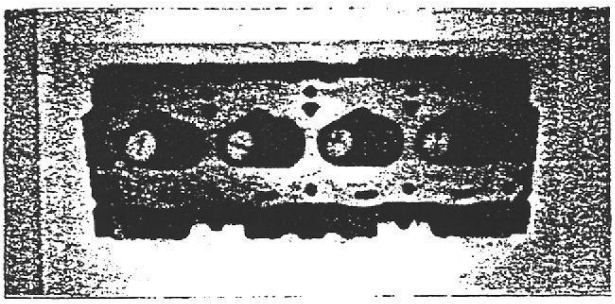
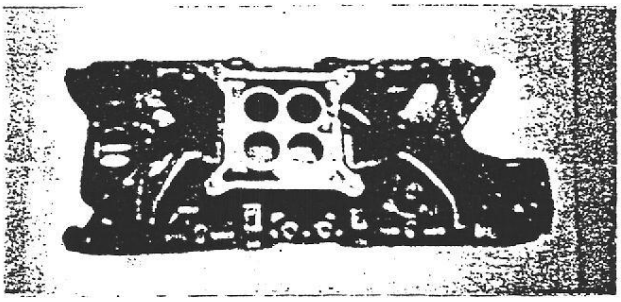
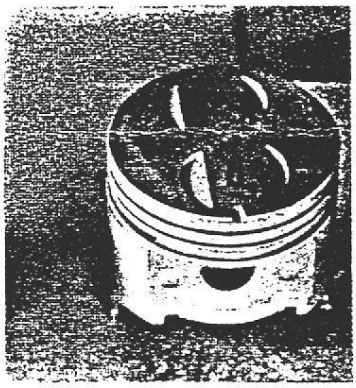
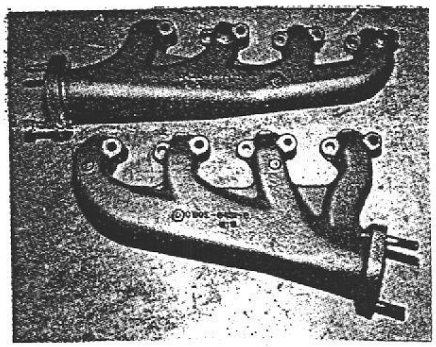
Air filter: Type Dry Element No. fitted One
Inlet manifold:
Diameter of flange hole at carburetor 40.0 mm
Diameter of flange hole at port 23.0 x 47.0 mm





Exhaust manifold:
Diameter of flange hole at port 30.0 x 39.0 mm
Diameter of flange hole at connection to muffler inlet pipe 48.0 mm





ENGINE ACCESSORIES

Make of fuel pump AC, Carter & Stewart Warner No. fitted 2
Method of operation One Mechanical and One Electrical

Type of ignition system Coil coil or magneto
Make of ignition FoMoCo Model C3OZ-12127-D
Method of advance and retard Centrifugal

Make of ignition coil FoMoCo Model B6A-12029-A
No. of ignition coils One Voltage 12V

Make of generator FoMoCo Model C2AZ-10346-A
Voltage of generator 14V Maximum output 40 amps.

Make of starter motor FoMoCo Model C20Z-11002-A

Battery: No. fitted One voltage 12V Capacity 100 amp hour
Oil Cooler (if fitted) type Air-cooled Heat-Rejection Capacity 1.31 liters

REFERENCE NUMBER FOR APPLICATION _____

TRANSMISSION

Make of clutch Long-Ford Type Disc
Diameter of clutch plate 267 mm No. of plates One
Method of operating clutch Mech. Link Foot Operated
Make of gearbox T&C Type Synchromesh
No. of gearbox ratios Four Forward and One Reverse
Method of operating gearshift Manual
Location of gearshift Floor Mounted
Is overdrive fitted? No
Method of controlling overdrive, if fitted None Fitted

	GEARBOX RATIOS				ALTERNATIVE RATIOS			
Speed	Ratio	No.of Teeth	Ratio	No.of Teeth	Ratio	No.of Teeth	Ratio	No.of Teeth
1st.	2.32	$\frac{23}{25} \times \frac{32}{15}$	2.78	$\frac{30}{23} \times \frac{32}{15}$				
2nd.	1.69	$\frac{23}{25} \times \frac{28}{18}$	1.93	$\frac{30}{23} \times \frac{31}{21}$				
3rd.	1.29	$\frac{23}{25} \times \frac{25}{21}$	1.36	$\frac{30}{23} \times \frac{25}{24}$				
4th.	1.0	Direct	1.00					
5th.								
Reverse	2.32		2.78					

Type of final drive Hotchkiss
Type of differential Semi-Floating Locking Type
Final drive ratio 4.57 Alternatives 3.25, 3.50, 3.89, 4.11, 4.29 to 1
No. of teeth 32 on Ring Gear, 7 on Pinion
Overdrive ratio, if fitted None Fitted

WHEELS

Type Pressed Steel Disc Weight 9.75 kg

Method of attachment 5 studs on 114.3 mm Bolt Circle

Rim diameter 25.4 15" 381 mm Rim width 165.25 6½" mm

Tire size: Front 7.10/7.60 x 15 Rear 7.10/7.60 x 15

BRAKES

Method of operation Hydraulic

Is servo assistance fitted? Yes

Type of servo, if fitted Vacuum Actuated

No. of hydraulic master cylinders One Dual Type Bore 25.4 mm

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	Front		Rear	
No. of wheel cylinders	4 per Brake		1 per wheel	
Bore of wheel cylinders	Four 41	mm	23.812	mm
Inside diameter of brake drums		mm	278	mm
No. of shoes per brake			Two	
Outside diameter of brake discs	292	mm	None Fitted	mm
No. of pads per brake	Two		None Fitted	

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	Prime	236.1	mm	236.1	mm
	Sec.	308	mm	308	mm
Width		76.2	mm	63.5	mm
Total area per brake		41,410	mm^2	34,510	mm^2

SUSPENSION	Front	Rear
Type	Independent	Conventional, banjo type, solid housing
Type of spring	Coil	Semi-elliptic Leaf
Is stabilizer fitted?	Yes	No
Type of shock absorber	Telescopic	Telescopic
No. of shock absorbers	Two	Two

STEERING

Type of steering gear Recirculating Ball and Nut
Turning circle of car 11.90 m, approx.
No. of turns of steering wheel from lock to lock 3.5

CAPACITIES AND DIMENSIONS

20 Main 75.8 Aux. 64.0

Fueltank Total 139.8 litres Sump 4.76 litres
Radiator 13.5 litres
Overall length of car 496.0 cm Overall width of car 181.9 cm
Overall height of car, unladen (with top up, if appropriate) 150.5 cm
Distance from floor to top of windshield:
Highest point 111.8 cm Lowest point 96.5 cm

Width of windshield:
Maximum width 140 cm Minimum width 127.5 cm

*Interior width of car 145 cm
No. of seats 2 Front, 1 Bench in Rear

Track: Front Front 141.1 cm Rear 142.2 cm

Wheelbase 290 cm Ground clearance 310 mm

Overall weight with water, oil and spare wheel, but without fuel 1,200 2653 LBS kgs

*(To be measured at the immediate rear of the steering wheel, and the plumb [illegible] to be maintained in a vertical plane of not less than 25 cm.)

Additional information for cars fitted with two-cycle engines only:

System of cylinder scavenging _____
Type of lubrication _____

Size of inlet port:
Length measured around cylinder wall _____ mm
Height _____ mm Area _____ mm^2

Size of exhaust port:
Length measured around cylinder wall _____ mm
Height _____ mm Area _____ mm^2

Size of transfer port:
Length measured around cylinder wall _____ mm
Height _____ mm Area _____ mm^2

Size of piston port:
Length measured around piston _____ mm
Height _____ mm Area _____ mm^2

Method of pre-compression _____
Bore and stroke of pre-compression cylinder, if fitted _____ mm

Distance from top of cylinder block to lowest point of inlet port _____ mm
Distance from top of cylinder block to highest point of exhaust port _____ mm
Distance from top of cylinder block to highest point of transfer port _____ mm

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 _____

REFERENCE NUMBER FOR APPLICATION _____

Optional equipment:-

* Heavy Duty Springs (front and rear)
* Spring Tower Supports
* Heavy Duty Front Radius Rods
* Heavy Duty Rear Axle
* Heavy Duty Sway Bar
* Heavy Duty Front Spindles
* Wheels-pressed Disc Steel -- 14" Diameter; 5:00" or 5:50" Rim Width

(1) * Heavy Duty Radiator 16 Litres includes entire Cooling System

(2) 22 Gal. (upper) Auxiliary Fuel Tank and Transfer Valves

Anti-puncture Fuel Tank (standard fuel tank and capacity with exterior treatment for fiberglass for safety)

Roll Bar for Driver Protection

Engine Skid Plates (metal sump guards)

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* Over 1,000 cars of this model with these items of equipment are certified to have been constructed

(1) Authorized by this A.C.N. for events organized under particular climatic conditions: i.e. East African Safari. Heavy Duty Radiator is also standard equipment in cars supplied by manufacturer with air-conditioning equipment, of which more than 1,000 have been delivered.

(2) Authorized by general supplementary regulations for the 1964 East African Safari, Article 26 (b).

CERTIFIED TO BE CORRECT

AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.
107 EAST 38th STREET
NEW YORK 16, N. Y.

George C. Reed, Secy.

Telephone: (212) LExington 2-5521

Cable Address: "ACCUSFIA-NEW YORK"

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.

107 EAST 38th STREET, NEW YORK 16, N. Y.

June 29th, 1965
date

TO WHOM IT MAY CONCERN

This is to certify that the Homologation Recognition Form for the FORD 1964 COMET CALIENTE,

to which this letter is attached, is an exact and true copy of the master form, stamped by the FIA, on file at the office of the Automobile Competition Committee for the United States, FIA, Inc. This car has been officially recognized by the FIA in the TOURING category, and assigned FIA recognition number 1283, valid from Mar 11, 1964.

The form contains 8 numbered pages. To be valid, each sheet should contain the raised letter seal of the ACCUS, FIA as it appears on this letter.

We will appreciate this form being accepted as a true, FIA stamped recognition form by race organizers and other interested parties.

Sincerely yours,

G. William Fleming
Executive Director

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