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 6413F

FIA Recognition No. 1250

Manufacturer Ford Motor Company

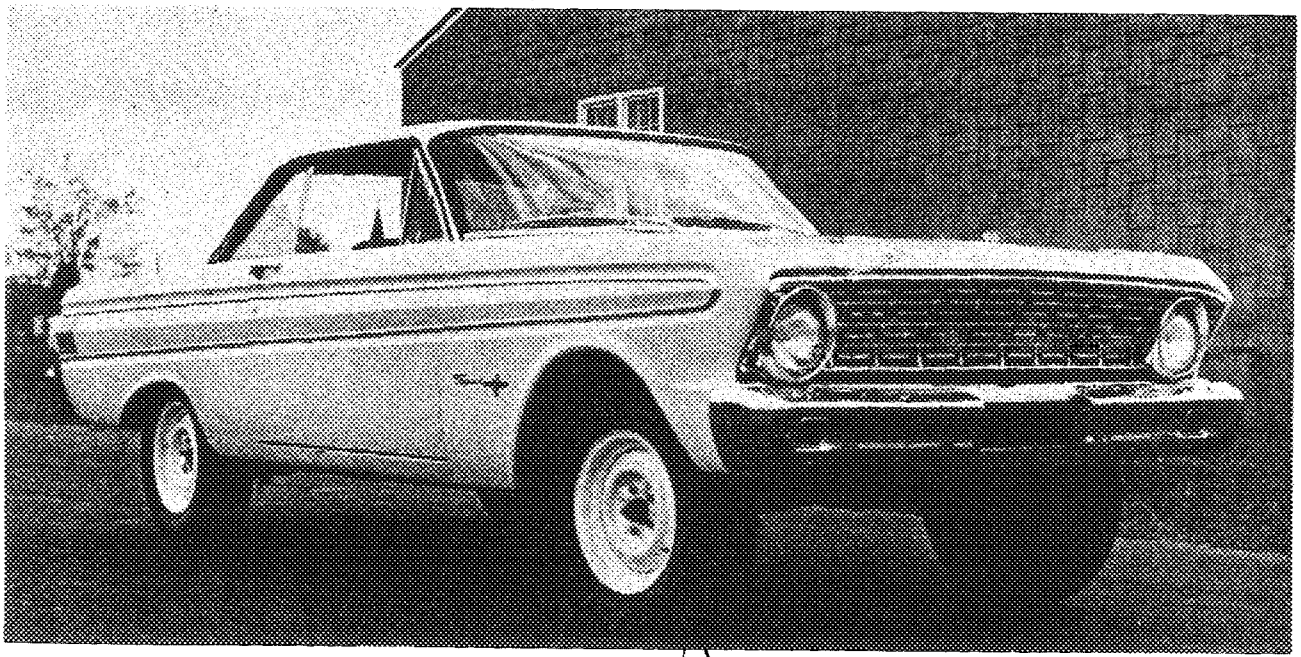
Model 1964 Falcon Sprint Year of manufacture 1963-1964

Serial No. of Chassis starts with 4H13F-100001

Engine starts with 4H13F-100001

Type of bodywork Two Door Pillarless Coupé

Recognition is valid from November 4th 1963 (FIA to insert date) 9/24 In category Touring Touring



Stamp of FIA to be affixed here

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

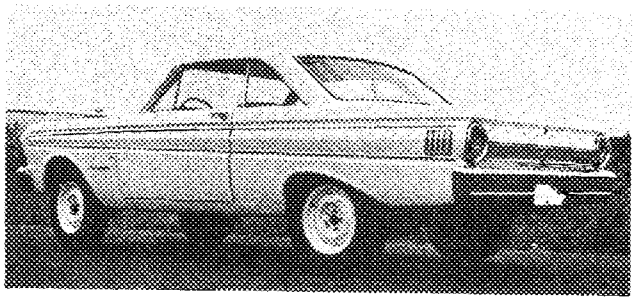
Signed George E. Bland Sec'y

NOV 1 1963

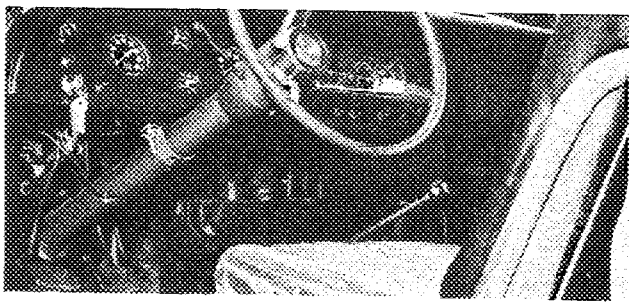
REFERENCE NUMBER FOR APPLICATION _____

General description of car: (specifying materials of bodywork) Two door body shell in unit with chassis, welded steel construction. Body panels of mixed construction, as follows: doors, engine hood, luggage compartment lid, front and rear fenders -- optionally of fiberglass-reinforced plastic or pressed aluminum alloy sheet or 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.

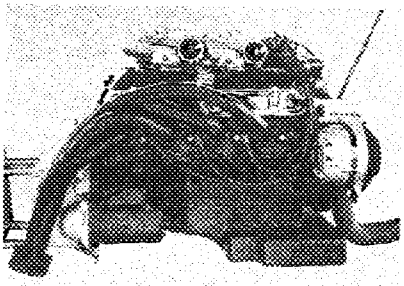
Photographs to be affixed below:



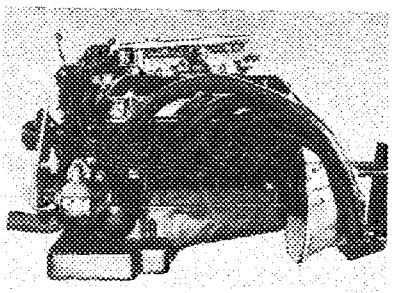
(3/4 view of car from rear left.)



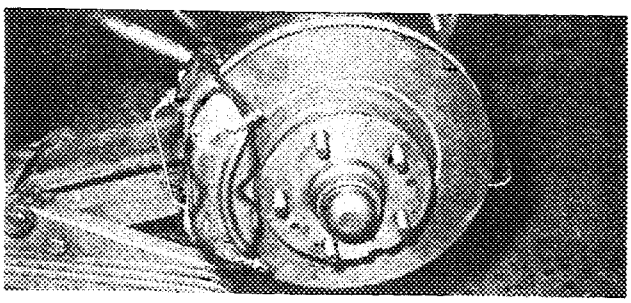
(Interior view of car through driver's door.)



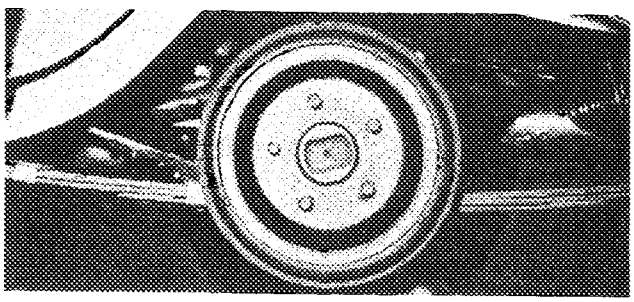
(Engine unit with accessories from right.)



(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 _____ opposed _____

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

Capacity 4727 cc Bore 101.76 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 top face of block at center line of cylinders 208.432 mm

Material of cylinder head Cast Iron Volume of one combustion chamber 42 cc

Compression ratio 12.0:1

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. 57.15 mm

(Connecting rod big end: Type Copper-Lead Dia. 53.975 mm

Weights
(Flywheel 9.3 kg
(Crankshaft 16.8 kg
(Connecting rod .63 kg
(Piston with rings .597 kg
(Wrist pin .142 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	00 mm	Exhaust	00 mm
Valves open:	Inlet	28° BTDC	Exhaust	72° ATDC
Valves close:	Inlet	72° ABDC	Exhaust	28° ATDC
Maximum valve lift:	Inlet	13.3 mm	Exhaust	13.3 mm

Degrees of crankshaft rotation from zero to -

Maximum lift:	Inlet	112°	Exhaust	248°
3/4 Maximum lift:	Inlet	50°	Exhaust	186°

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

Carburetor: Type Downdraft No. fitted 2
(up or down draft, horizontal)

Make Carter Model AFB

Flange hole diameter 41 PRI., 42.5 sec. mm Choke diameter 35 PRI, 40.5 sec. mm

Main jet identification No. 120-161

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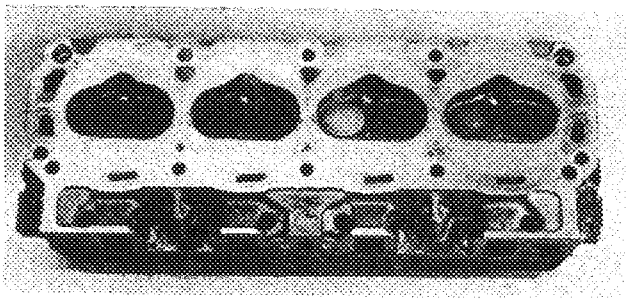
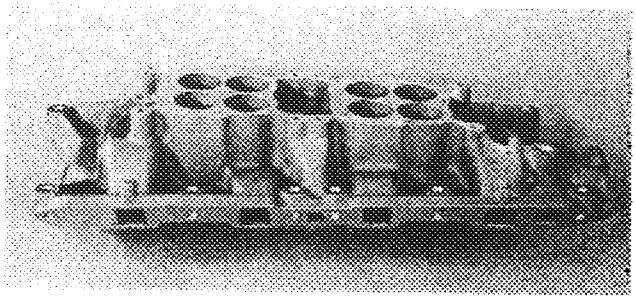
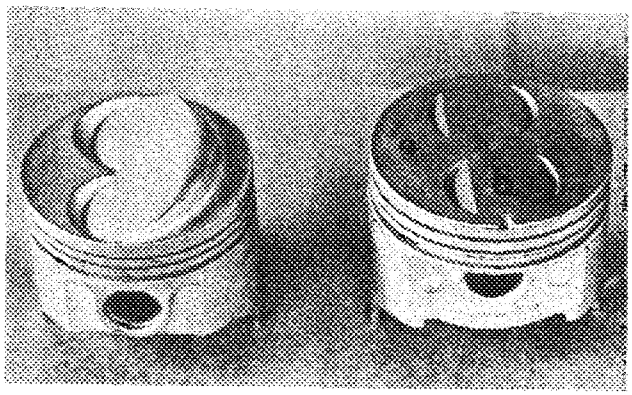
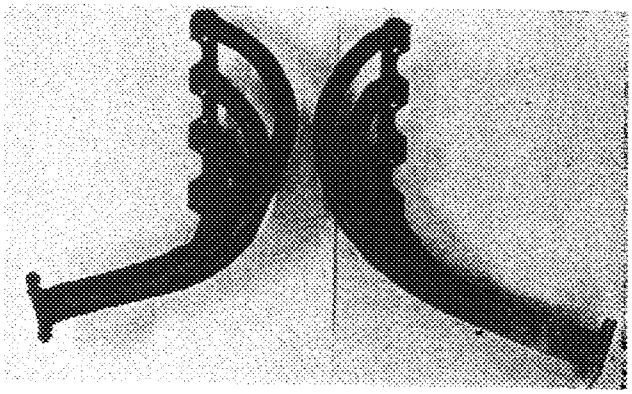
Air filter: Type Dry Element No. fitted One
Inlet manifold:
Diameter of flange hole at carburetor 42 mm
Diameter of flange hole at port 24.5 x 48 mm





Exhaust manifold:
Diameter of flange hole at port 30.2 x 41.5 mm
Diameter of flange hole at connection to muffler inlet pipe 63.5 mm





ENGINE ACCESSORIES
Make of fuel pump AC or Carter & Stewart-Warner No. fitted 2
Method of operation One Mechanical and One Electrical

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

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

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

Make of starter motor FoMoCo Model C2OZ-11002-A

Battery: No. fitted One Voltage 12 V. Capacity 60 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 Dry Plate
Diameter of clutch plate 267 mm No. of plates One
Method of operating clutch Foot-Operated Mechanical Linkage
Make of gearbox Borg-Warner Type Synchromesh
No. of gearbox ratios 4 Forward & 1 Reverse
Method of operating gearshift Manual
Location of gearshift In Floor
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.	2.73	$\frac{24}{31} \times \frac{36}{17}$			2.20	$\frac{27}{28} \times \frac{36}{17}$	2.36	$\frac{26}{29} \times \frac{36}{17}$
2nd.	2.04	$\frac{24}{31} \times \frac{30}{19}$			1.64	$\frac{27}{28} \times \frac{30}{19}$	1.62	$\frac{26}{29} \times \frac{29}{20}$
3rd.	1.51	$\frac{24}{31} \times \frac{28}{24}$			1.31	$\frac{27}{28} \times \frac{29}{23}$	1.20	$\frac{26}{29} \times \frac{27}{25}$
4th	1.00	Direct			1.00	Direct	1.00	Direct
5th	---				---		---	
Reverse	2.81	---			2.26	---	2.42	---

Type of final drive Hotchkiss
Type of differential Semi-Floating Limited-Slip
Final drive ratio 4.57 Alternatives 3.50/3.89/4-11 4.29/5.14
No. of teeth 32 on Ring, 7 on Pinion
Overdrive ratio, if fitted None Fitted

WHEELS

Type Pressed Steel Disc Weight 9.13 kg
Method of attachment 5 studs on 114.3 mm Bolt Circle
Rim diameter 381 mm Rim width 139.7 mm
Tire size: Front 6.50/6.70 x 15 Rear 6.50/6.70 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 Kelsey Hayes or Two Girling Bore 25.4 mm

REFERENCE NUMBER FOR APPLICATION _____

	Front		Rear
	Girling or Kelsey Hayes		
No. of wheel cylinders	3 per brake	4 per brake	1 per brake
Bore of wheel cylinders	One 45 mm Two 30 mm	Four 41-28 mm	19.05 mm
Inside diameter of brake drums			279.4 mm
No. of shoes per brake			Two
Outside diameter of brake discs	292 mm	286 mm	
No. of pads per brake	Two	Two	Nine

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	95 mm	122 mm	58 Plus/Minus 1 mm
		mm	mm
Width	52 mm	47.8 mm	52 Plus/Minus 1 mm
Total area per brake	9,880 mm^2	10,646 mm^2	27,144 mm^2

SUSPENSION	Front	Rear
Type	Independent	Live Axle
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 11.75 m, approx.
No. of turns of steering wheel from lock to lock 3.25

CAPACITIES AND DIMENSIONS

Fueltank 102.2 litres Sump 7.6 litres
Radiator 14 litres
Overall length of car 461.2 cm Overall width of car 181.9 cm
Overall height of car, unladen (with top up, if appropriate) 146.4 cm
Distance from floor to top of windshield:
Highest point 102.8 cm Lowest point 99.4 cm

Width of windshield:
Maximum width 140 cm Minimum width 127.4 cm

*Interior width of car 141 cm
No. of seats 2 Front, 1 Bench in Rear

Track: Front 139.7 cm Rear 142.85 cm

Wheelbase 278.13 cm Ground clearance 254 mm

Overall weight with water, oil and spare wheel, but without fuel 980 kgs

*(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.)

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 affecting preceding information:-

Guard - Fuel Tank
Guard - Engine Sump and Radiator
Cast Iron Gearbox Case
Cast Iron Clutch Housing
Cast Iron Exhaust Manifolds, 1 L.H., 1 R.H.
Touring Seats
Moderate-Duty Engine, Comprising: (One) 4 V Carburetor, Holley
Inlet Manifold, 4 V, Aluminum
Camshaft, C2 OZ-6250-C
Cylinder Head
Pistons
Inlet Valve
Exhaust Valve
Clutch Assembly

delete

In addition, this engine may be ordered with low C.R. pistons, flat top.
All other engine specifications are as listed, pp. 3-5.

155956

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.

AIR MAIL SPECIAL DELIVERY

November 1, 1963
Date

M. Hubert Schroeder
Secretary, CSI
Federation Internationale de l'Automobile
8 Place de la Concorde
Paris 8, France

Dear Hubert:

I enclose herewith ~~the original and~~ six (6) copies of the application forms for homologation of the following car:

1963-1964	Ford Falcon Sprint	Hardtop
YEAR	MAKE	MODEL

Manufacturer's Reference No. of Application: 6413F

Engine Size: 4727 cc Body Style: 2-Door Pillarless Coupe

Homologation is requested in Category Touring ~~Grand Touring~~.

I also enclose an equal number of certifications of minimum production, signed by the Manufacturer's authorized personnel, further certified and stamped by us.

Thanking you in advance for your cooperation in submitting this application for consideration by the Sub-Commission on Homologation, I remain

Sincerely yours,

George C. Rand
Secretary

GCR:jl
Encls.