

ORIGINAL

FIA



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.

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

Manufacturer's Reference No. for application 64508-K

FIA Recognition No. 1330

Manufacturer FORD MOTOR COMPANY

Model 1965 MUSTANG Mk 2 Year of manufacture 1964

Serial No. of Chassis starts with 5F07K-100001

Engine starts with Same

Type of bodywork Two-Door Hardtop

Recognition is valid from 11/7/64 In category Touring Touring
(FIA to insert date) or Grand Touring _____

liste 2/11



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Stamp of FIA to be affixed here



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

Signed [Signature] Sec'y

JUN 26 1964

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ORIGINAL

General description of car: (specifying materials of bodywork)

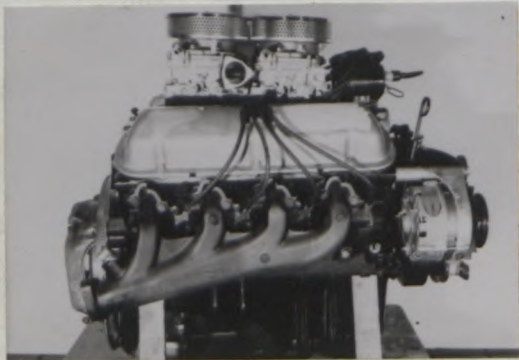
Two-door welded body shell permanently attached to a platform frame of welded steel construction.



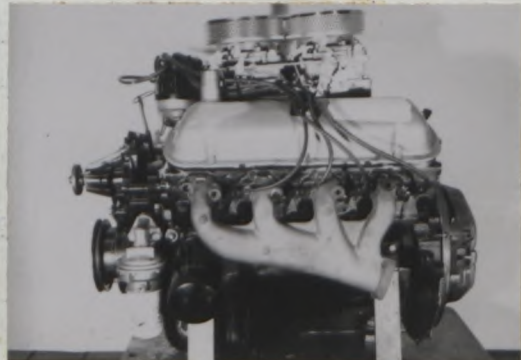
(3/4 view of car from rear left.)



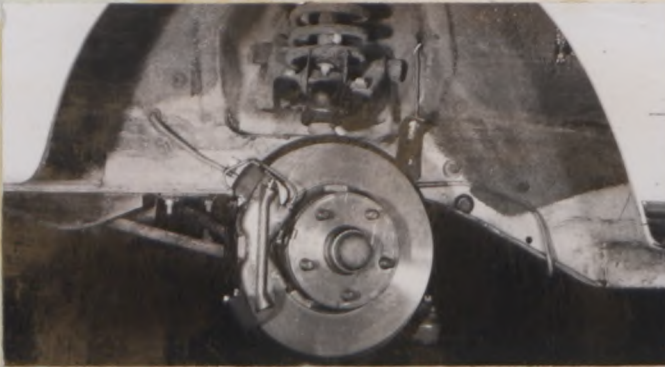
(Interior view of car through driver's door.)



(Engine unit with accessories from right.)



(Engine unit with accessories from left.)



(Front axle complete (without wheels).)



(Rear axle complete (without wheels).)



JUN 8 1960

ENGINE

No. of cylinders 8 in line VEE8
 in V VEE8
 opposed

Cycle Four Stroke 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 to 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 Cast Iron No. of piston rings Three
 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. 53.98 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 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 mm Exhaust 41.30 mm
 Diameter of port
 at valve seat: Inlet 44.2 mm Exhaust 38.9 mm
 Tappet clearance for
 checking timing: Inlet .31 mm Exhaust .31 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 Two Two

Carburetor: Type Down No. fitted 2-4V
 (up or down draft, horizontal)

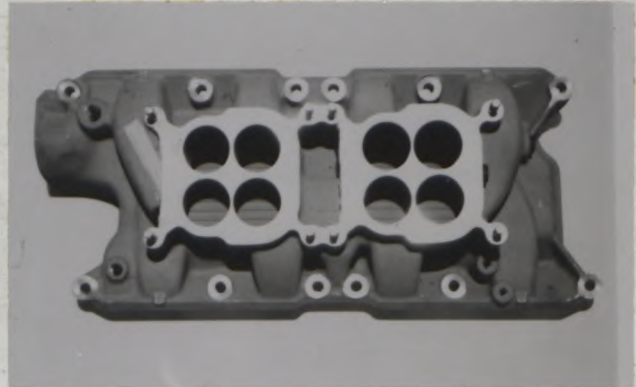
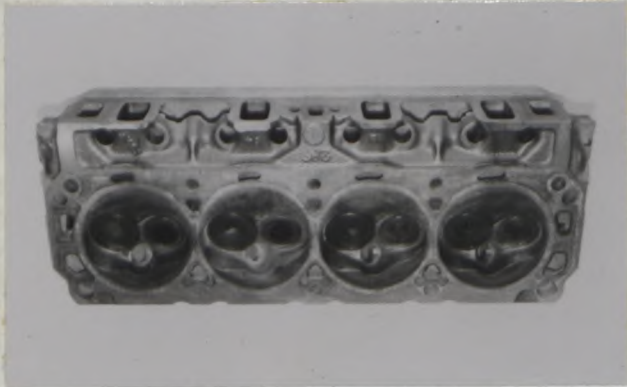
Make Carter Model C4RA-9510-A & B
 Flange hole diameter Pri. 39.6 Sec. 36.3 mm Choke diameter 77.7 x 42.6 mm
 Main jet identification No. PMJ 1-120-257= 9510-A SMJ-120-185= 9510A
PMJ 1-120-159= 9510-B SMJ-120-185= 9510B

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Air filter: Type Dry No. fitted Two

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 30.2 x 41.5 mm
Diameter of flange hole at connection to muffler inlet pipe 63.5 mm



ENGINE ACCESSORIES

AC, Carter or
Make of fuel pump Stewart Warner No. fitted Two
Method of operation Mechanical and/or electrical

Type of ignition system Coil coil or magnet
Make of ignition FoMoCo Model 12127
Method of advance and retard Centrifugal

Make of ignition coil Fo Mo Co Model B6A-12029-B
No. of ignition coils One Voltage 12

Make of alternator generator Ford Model C5AF-10300-D
Voltage of generator alternator 12 Maximum output 42 amps.

Make of starter motor Fo Mo Co Model C202-11002-A

Battery: No. fitted One voltage 12V Capacity 45 amp hour
Oil Cooler (if fitted) type air-cooled Capacity 1.31 liters

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TRANSMISSION

Make of clutch Long-Ford Type Dry Type
 Diameter of clutch plate 267 mm No. of plates One
 Method of operating clutch Foot-operated mechanical linkage
 Make of gearbox T & C Type Synchromesh
 No. of gearbox ratios 4 Forward and 1 Reverse
 Method of operating gearshift Manual
 Location of gearshift In Floor
 Is overdrive fitted? No
 Method of controlling overdrive, if fitted None Fitted

Speed	GEARBOX RATIOS			ALTERNATIVE RATIOS			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	$\frac{30}{23} \times \frac{32}{15}$	2.20	$\frac{27}{28} \times \frac{36}{17}$	
2nd.	1.69	$\frac{23}{25} \times \frac{28}{18}$	1.93	$\frac{30}{23} \times \frac{31}{21}$	1.64	$\frac{27}{28} \times \frac{30}{19}$	
3rd.	1.29	$\frac{23}{25} \times \frac{25}{21}$	1.36	$\frac{30}{23} \times \frac{25}{24}$	1.31	$\frac{27}{28} \times \frac{29}{23}$	
4th.	1.00	Direct	1.00	Direct	1.00	Direct	
5th.							
Reverse	2.32		2.78		2.26		

Type of final drive Hotchkiss
 Type of differential Semi-Floating Limited Slip
 Final drive ratio 4.57 Alternatives 3.25, 3.50, 3.89
 No. of teeth 32 Ring Gear, 7 Pinion 3.10, 4.29 to 1
 Overdrive ratio, if fitted None See Page 8

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 177.8 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 operated
One Kelsey Hayes
 No. of hydraulic master cylinders or Two Girling Bore 25.4 mm

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	Front		Rear
No. of wheel cylinders	Girling or Kelsey Hayes 3 Per Brake 4 Per Brake		1 Per Brake
Bore of wheel cylinders	Two 30mm 4-41.28 mm		19.05 mm
Inside diameter of brake drums			279.4 mm
No. of shoes per brake			Two
Outside diameter of brake discs	292mm 286 mm		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
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, Positively Loaded
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	12.40	m, approx.
No. of turns of steering wheel from lock to lock	2.75	

CAPACITIES AND DIMENSIONS

Fuel tank	102	litres	Sump	7.6	litres
Radiator	14	litres			
Overall length of car	461.2	cm	Overall width of car	173.2	cm
Overall height of car, unladen (with top up, if appropriate)				134.6	cm
Distance from floor to top of windshield:					
Highest point	97.7	cm	Lowest point	92.7	cm

Width of windshield:

Maximum width	139.8	cm	Minimum width	122.4	cm
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*Interior width of car 170.6 cm
No. of seats Two Buckets, One Rear Seat

Track: Front	146.0	cm	Rear	146.0	cm
Wheelbase	274.3	cm	Ground clearance	230	mm

Overall weight with water, oil and spare wheel, but without fuel 1230 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 _____ mm²

Size of exhaust port:
 Length measured around cylinder wall _____ mm
 Height _____ mm Area _____ mm²

Size of transfer port:
 Length measured around cylinder wall _____ mm
 Height _____ mm Area _____ mm²

Size of piston port:
 Length measured around piston _____ mm
 Height _____ mm Area _____ mm²

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

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 _____



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Optional equipment affecting preceding information:-

Stamped pressed steel disc with 139.7 mm welded rim and 15. in. wheel.
Auxiliary fuel tank 37 liters.
~~Touring seats and interior trim.~~
Guard for sump and fuel tank.
Heavy duty springs and shock absorbers front and rear.
Spring lower supports.

Alternate axle ratios ref. page 5

Ratios	3.25	3.10	3.50	3.89	4.29
# Teeth Ring Gear	39	31	35	35	30
# Teeth Pinion	12	10	10	9	7



FORD DIVISION

Ford Motor Company

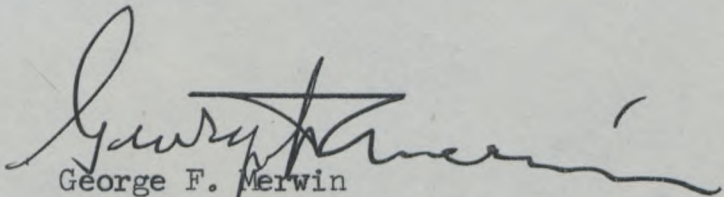
ROTUNDA DRIVE AT SOUTHFIELD ROAD
DEARBORN, MICHIGAN

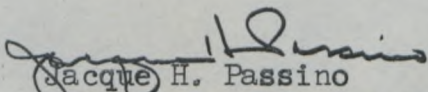
MAILING ADDRESS
P. O. BOX 627, DEARBORN, MICHIGAN

July 2, 1964

Name of Manufacturer - Ford Motor Company
Name of Model - Mustang Two Door Hardtop
Manufacturers Reference
No. of Application - 64508K - (2) 4V

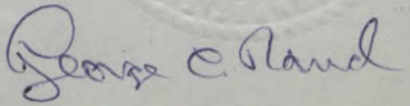
We certify that in excess of 1,000 cars, identical with the basic specifications, as well as in excess of 1,000 cars as modified by the listed optional equipment, were completed prior to June 15, 1964. Production commenced on May 1, 1964. Cars conforming to this specification may be identified by Chassis Nos. 5F07K-100001. Engine Nos. - Same.


George F. Merwin
Director of Competitions


Jacques H. Passino
Director of Special Promotions

This certification supercedes the one dated June 25, 1964.

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


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