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 64507-K

FIA Recognition No. 1329

Manufacturer FORD MOTOR COMPANY

Model 1965 MUSTANG Mk 1 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 (FIA to insert date) In category Touring Touring or Grand Touring

liste 2/11

Stamp of FIA to be affixed here

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

Signed

JUN 26 1964

1329

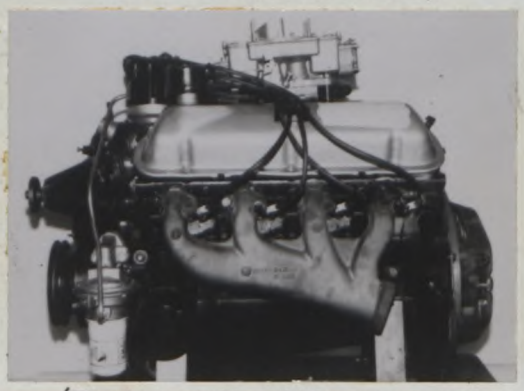
General description of car: (specifying materials of bodywork)

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

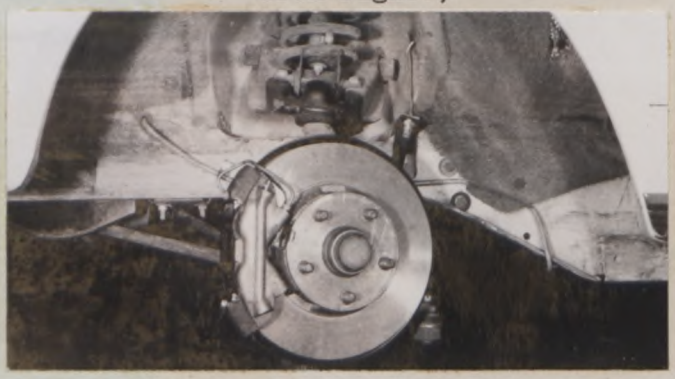
(3/4 view of car from rear left.)

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

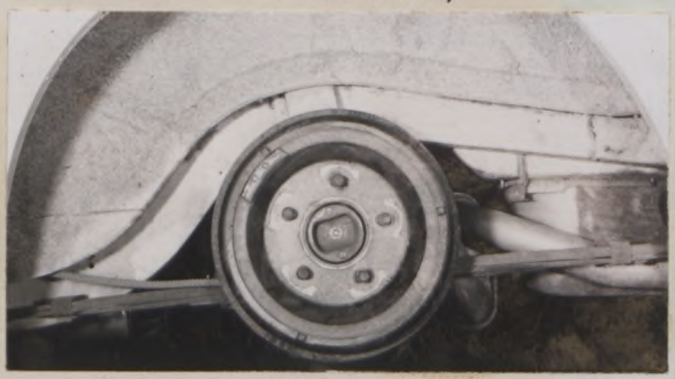
(Engine unit with accessories from right.)



(Engine unit with accessories from left.)



(Front axle complete (without wheels).)



(Rear axle complete (without wheels).)

1329

ENGINE

No. of cylinders 8 — in line ____ / 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 ____ — 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 |

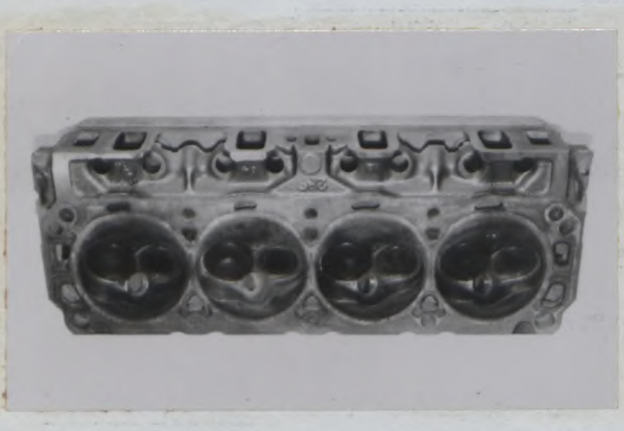
Carburetor: Type Down (up or down draft, horizontal) — No. fitted 1-4V

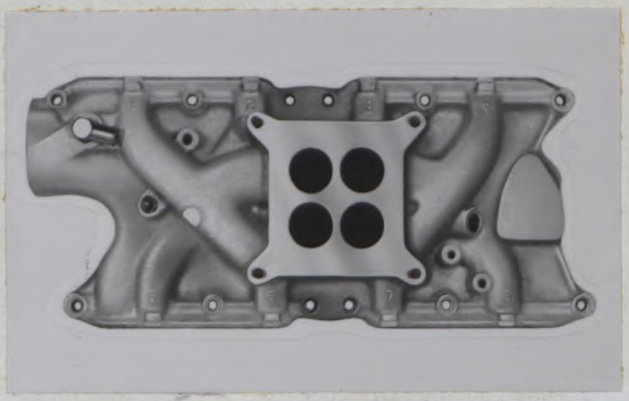
Make Ford — Model C4OF-9510-AL

Flange hole diameter Pri. & Sec. 39.6 mm — Choke diameter ____ mm

Main jet identification No. PMJ-52F / SMJ-68F

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

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

Type of ignition system Coil coil or matneto
Make of ignition Fo Mo Co 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 Ford Model C5AF-10300-D
Voltage of 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

1329

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

| | 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 | $\frac{30}{23} \times \frac{32}{15}$ | 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

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

| | Front | Rear |
|---|---|---|
| | Girling or Kelsey Hayes | |
| No. of wheel cylinders | 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 | mm | 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 |
| | 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, Positively Loade |
| 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

Fueltank 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

*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 1200 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

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 _____

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

1329

Optional equipment affecting preceeding 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 |

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

| FORD - MUSTANG MK 1 (1965) | 7/64 | 1329 |
|---|---|---|
| MARQUE ET MODELE | VALIDITE HOMOLOGATION | FICHE NR. |

| | TUR / 5000 |
|---|---|
| | GROUPE / CLASSE |

| EXTENSIONS | DEBUT VALIDITE | DESCRIPTION | NOTES |
|---|---|---|---|
| | | | |

Autres homologations du modèle

Vérifiée le 26/10/95 par _____ visée ce jour le _____ par _____