

SHELBY AMERICAN - MUSTANG GT350

MARQUE ET MODELE

4/65-

VALIDITE HOMOLOGATION

191

FICHE NR.

GT/5000

GROUPE / CLASSE

[illegible]

Autres homologations du modèle

Vérifiée le 26/10/95 par [Signature] visée ce jour le _____ par _____

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 2004

FIA Recognition No. ~~87~~ 191

Manufacturer Shelby American, Inc.

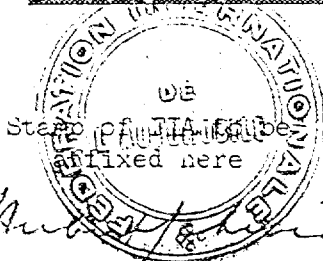
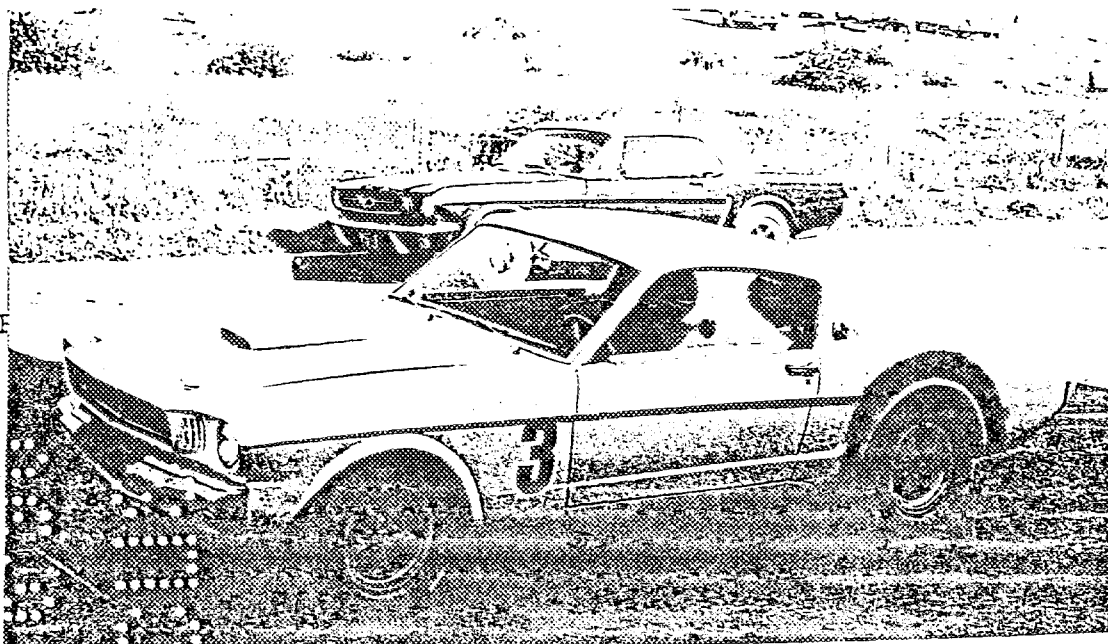
Model Mustang GT 350 Year of manufacture 1965

Serial No. of Chassis starts with CSX 3001

Engine starts with CS 350-0001

Type of bodywork Two passenger hardtop coupe

Recognition is valid from 1st April 1965 In category Touring NO
(FIA to insert date) or Grand Touring YES



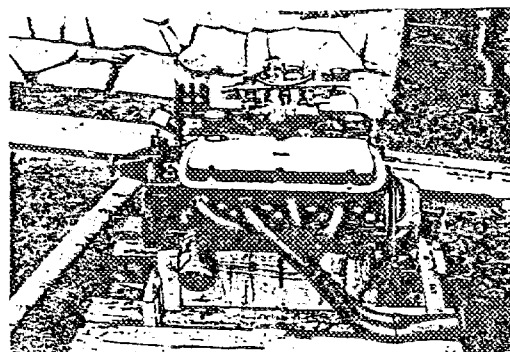
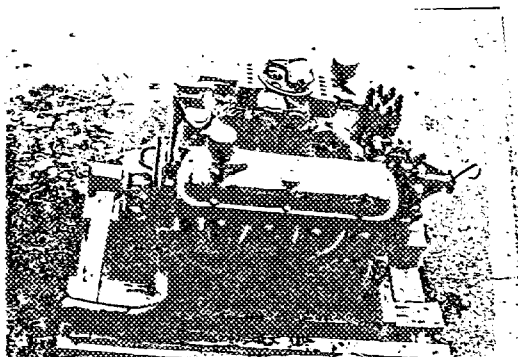
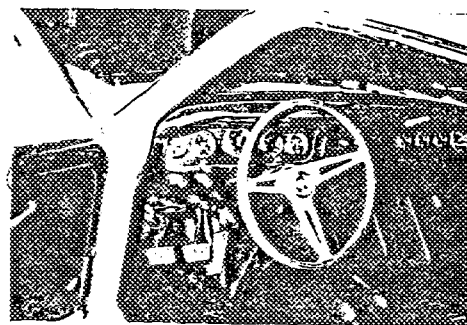
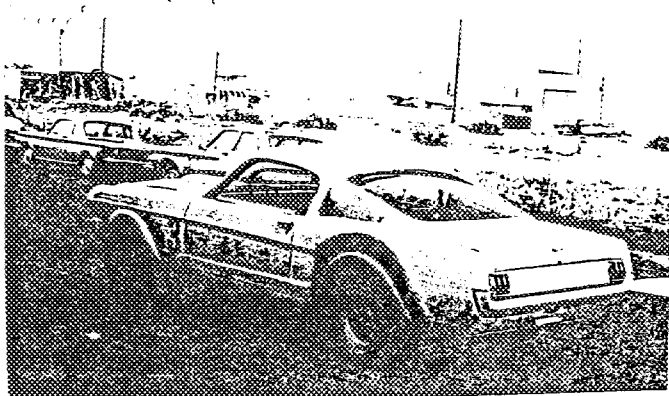
Stamp of ACCUS-FIA, INC.
to be affixed here

Signed [Signature]
FEB - 9 1965 [Signature] Secretary

General description of car: (specifying materials of bodywork)

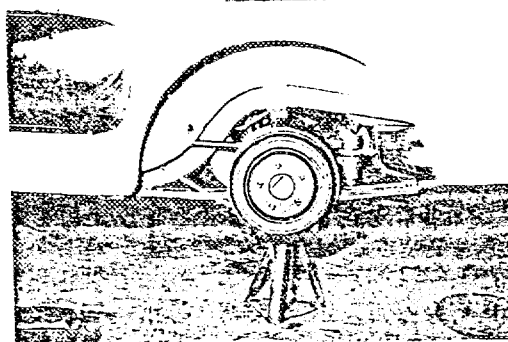
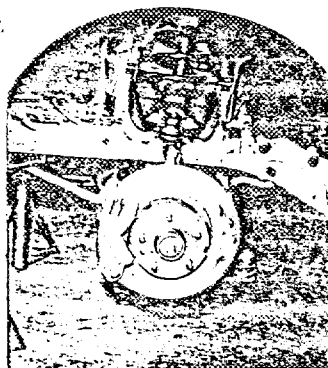
Two passenger hardtop fastback coupe, monocoque construction of steel with some fibreglass panels.

Photographs to be affixed below:



(Front

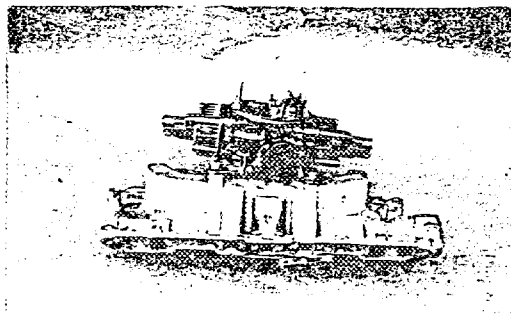
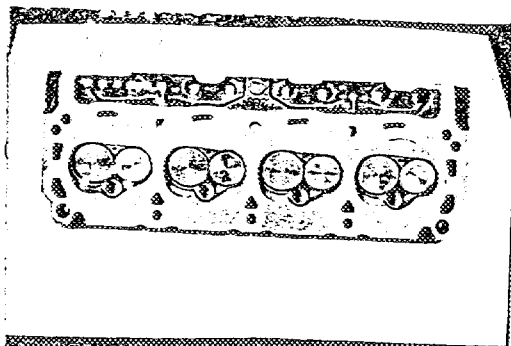
out



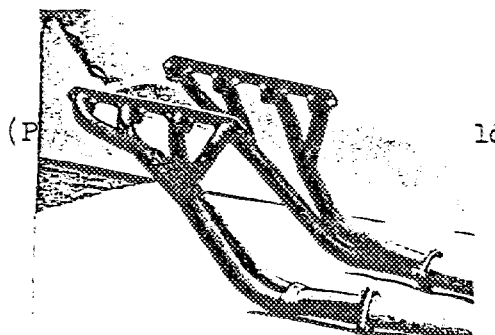
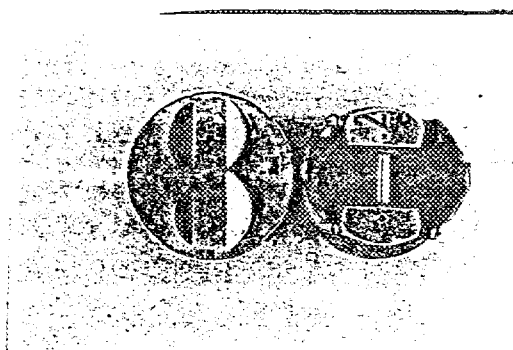
ENGINE

No. of cylinders 8 in line
 in V In Vee
 opposed
 Cycle 4 Firing order 1,5,4,2,6,3,7,8
 Capacity 4727 cc Bore 101.76 mm Stroke 729 mm
 Maximum rebore 1.524MM Resultant capacity 4868 cc
 Material of cylinder block Iron Material of sleeves, if
 fitted Not fitted
 Distance from crankshaft center line to top
 face of block at center line of cylinders 208.43 mm
 Material of cylinder head Iron Volume of one combustion
 chamber 42 cc
 Compression ratio 11.5
 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
 (Flywheel 9.3 kg
 (Crankshaft 16.8 kg
 Weights (Connecting rod .63 kg
 (Piston with rings .597 kg
 (Wrist pin .142 kg
 No. of valves per cylinder 2 Method of valve operation Push rod
 No. of camshafts 1 Location of camshafts In block
 Type of camshaft drive Chain
 Diameter of valves: Inlet 47.75 mm Exhaust 41.4 mm
 Diameter of port
 at valve seat: Inlet 44.6 mm Exhaust 38.8 mm
 Tappet clearance for
 checking timing: Inlet .635 mm Exhaust .635 mm
 Valves open: Inlet 33° BTDC Exhaust 77° BEDC
 Valves close: Inlet 79° ABDC Exhaust 34° ATDC
 Maximum valve lift: Inlet 12.7 mm Exhaust 12.7 mm
 Degrees of crankshaft rotation from zero to -
 Maximum lift: Inlet 156° Exhaust 156°
 3/4 Maximum lift: Inlet Exhaust
 Valve springs: Inlet Exhaust
 Type Coil Coil
 No. per valve 2 2
 Carburetor: Type 4 barrel downdraft No. fitted One
 (up or down draft, horizontal)
 Make Holley Model C4AF 9510-D.A
 Flange hole diameter 43.25 mm Choke diameter 39.7 mm
 Main jet identification No. .093

Air filter: Type Not fitted No. fitted
Inlet manifold:
Diameter of flange hole at carburetor 43.25 X 94.0 X 2 mm
Diameter of flange hole at port 30.5 X 57.0 mm



Exhaust manifold:
Diameter of flange hole at port 31.8 X 39.7 mm
Diameter of flange hole at connection to muffler inlet pipe mm



ENGINE ACCESSORIES

Make of fuel pump Ford No. fitted
Method of operation Mechanical
Type of ignition system Ford Coil coil or magnet
Make of ignition Ford Model C30F 12127
Method of advance and retard Mechanical
Make of ignition coil Ford Model FAC-120-29A
No. of ignition coils One Voltage 8 with resistor
Make of generator Ford Model CMF 10300-D
Voltage of generator 15 Maximum output 42 amps.
Make of starter motor Ford Model CZOZ-11002-A
Battery: No. fitted 1 voltage 12 Capacity 55/70 amp hour

TRANSMISSION

Make of clutch Ford Type Dry
 Diameter of clutch plate 266.7 MM No. of plates One
 Method of operating clutch Mechanical
 Make of gearbox Borg Warner Type Syncro Mesh
 No. of gearbox ratios 4 forward, 1 reverse
 Method of operating gearshift Manual
 Location of gearshift Floor
 Is overdrive fitted? No
 Method of controlling overdrive, if fitted --

Speed	GEARBOX RATIOS			ALTERNATIVE RATIOS			
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	No. of Teeth
1st.	2.36:1	$\frac{26}{29} \times \frac{36}{17}$	2.20:1	$\frac{27}{25} \times \frac{36}{17}$			
2nd.	1.62:1	$\frac{26}{29} \times \frac{20}{29}$	1.64:1	$\frac{23}{25} \times \frac{30}{18}$			
3rd.	1.20:1	$\frac{26}{29} \times \frac{25}{29}$	1.31:1	$\frac{27}{25} \times \frac{29}{23}$			
4th.	1.00:1	Direct	1.00:1	Direct			
5th.							
Reverse							

Type of final drive Hypoid gear live axle
 Type of differential Limited slip
 Final drive ratio 3.89:1 Alternatives 4.11:1
 No. of teeth 35:9 37:9
 Overdrive ratio, if fitted Not fitted

WHEELS

Type Magnesium Weight 7.5 kg
 Method of attachment Five cap nuts per wheel
 Rim diameter 381 mm Rim width 179 mm
 Tire size: Front 6.70 X 15 Rear 6.70 X 15

BRAKES

Method of operation Hydraulic
 Is servo assistance fitted? No
 Type of servo, if fitted --
 No. of hydraulic master cylinders 1 Bore 23.4 mm

	Front		Rear
No. of wheel cylinders	4 per wheel		1 per wheel
Bore of wheel cylinders	340.8 mm		23 mm
Inside diameter of brake drums	- mm		254 mm
No. of shoes per brake	-		2
Outside diameter of brake discs	287 mm		- mm
No. of pads per brake	2		-

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	123 mm		285 mm
			190 mm
Width	46 mm		63.5 mm
Total area per brake	1131.6 mm ²		3030.0 mm ²

	Front		Rear
SUSPENSION			
Type	Independent		Live Axle
Type of spring	Coil		Leaf
Is stabilizer fitted?	Yes		No
Type of shock absorber	Hydraulic Strut		Hydraulic Strut
No. of shock absorbers	1 per wheel		1 per wheel

STEERING

Type of steering gear Steering box and idler arm
 Turning circle of car 11.4 m, approx.
 No. of turns of steering wheel from lock to lock 3.5

CAPACITIES AND DIMENSIONS

Fuel tank 140 litres Sump 6.15 litres
 Radiator 14.2 litres
 Overall length of car 457 cm Overall width of car 176 cm
 Overall height of car, unladen (with top up, if appropriate) 145 cm
 Distance from floor to top of windshield:
 Highest point 132 cm Lowest point 99 cm
 Width of windshield:
 Maximum width 142 cm Minimum width 124 cm
 *Interior width of car 138 cm
 No. of seats 2
 Track: Front 144.78 cm Rear 144.75 cm
 Wheelbase 274.32 cm Ground clearance 150 mm
 Overall weight with water, oil and spare wheel, but without fuel 1100 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 _____

Optional equipment affecting preceeding information:-

Destine C. Craig
26 STRAWBERRY-HILL DRIVE.
STANDFORD, Conn.
06902

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