

SHELBY AMERICAN- GT 350

MARQUE ET MODELE

166

VALIDITE HOMOLOGATION

504

FICHE NR.

4/5000

GROUPE / CLASSE

[illegible]

Autres homologations du modèle

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

F.I.A. Recognition No. 504
Group 4-Grand Touring

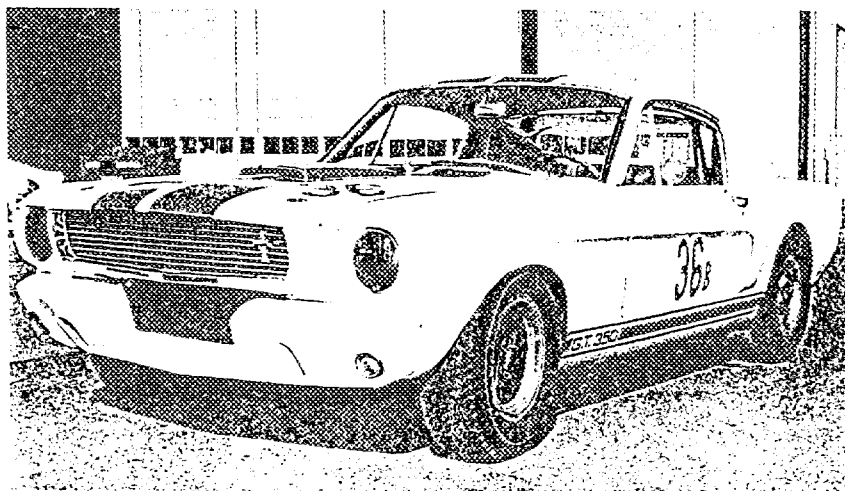
FEDERATION INTERNATIONALE DE L'AUTOMOBILE

Form of recognition in accordance with
Appendix J to the International Sporting Code.

Manufacturer Shelby American, Inc.
Chassis No. of chassis SFM 5001
Engine CS350-0001
Recognition is valid from 1st Jan 1966

Cylinder-capacity 4727 cm3...289...in3
Model GT350
Manufacturer Shelby-American-Ford
Manufacturer Shelby-American-Ford
List 14

The manufacturing of the model described in this recognition form was started
on 1 January 1965 and the minimum production of 500 identical cars,
in accordance with the specifications of this form was reached on 30 July 1965

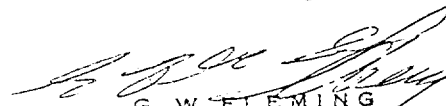


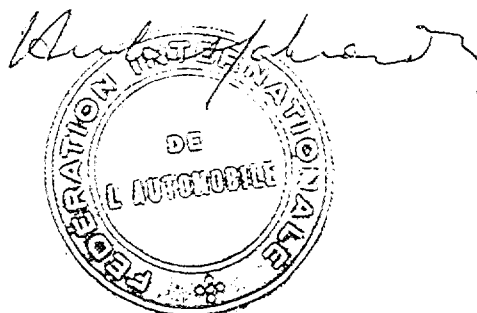
The vehicle described in this form has been subject to the following amendments:

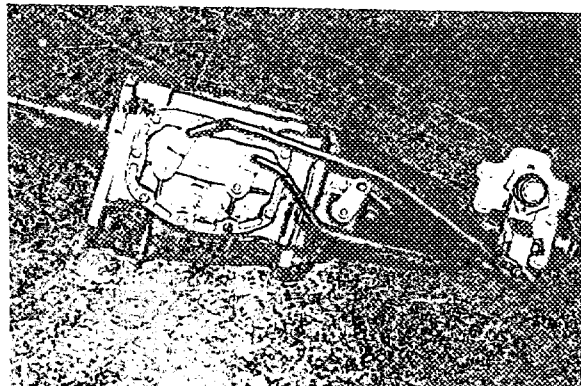
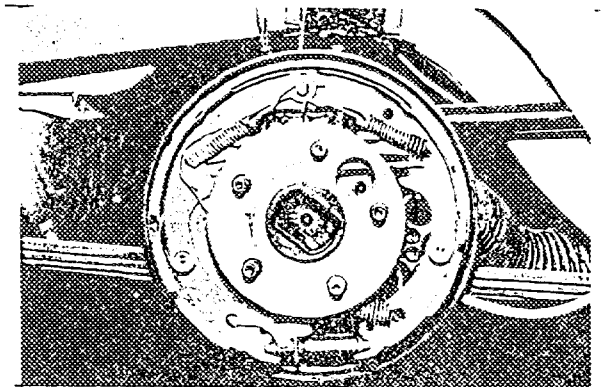
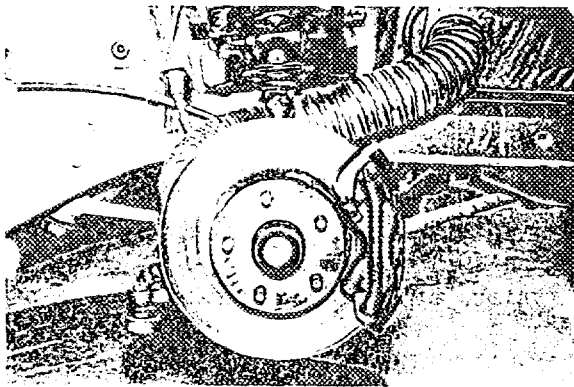
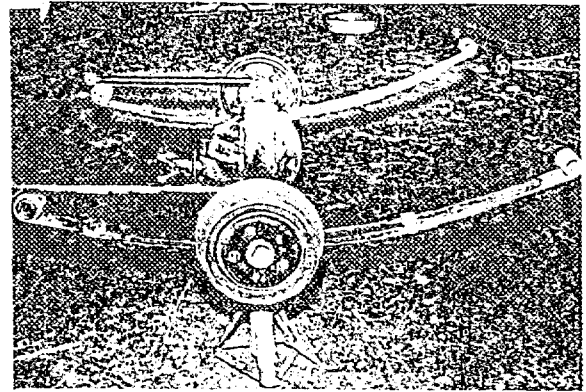
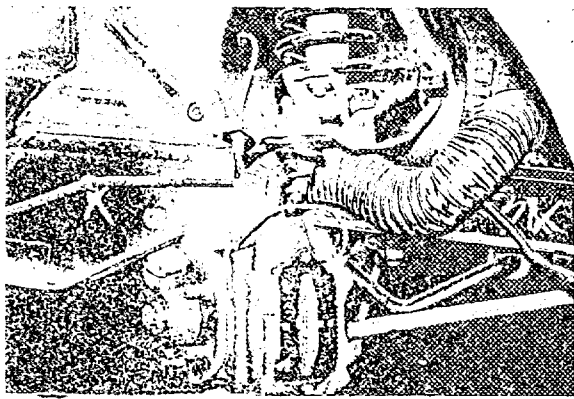
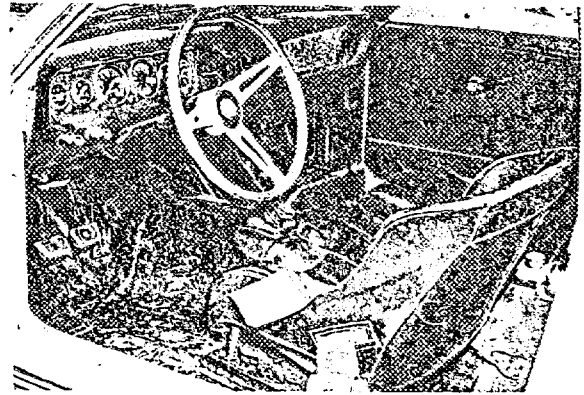
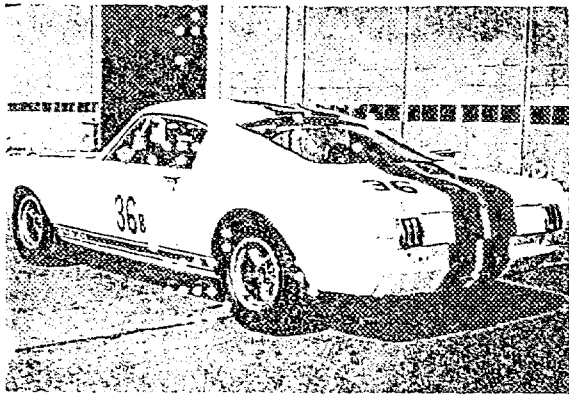
<u>Variants</u>				<u>Normal evolution of the type</u>
19...	rec.No.....	List.....	on.....	19...rec. No. ...List..
19...	rec.No.....	List.....	on.....	19...rec. No. ...List..
19...	rec.No.....	List.....	on.....	19...rec. No. ...List..
19...	rec.No.....	List.....	on.....	19...rec. No. ...List..
19...	rec.No.....	List.....	on.....	19...rec. No. ...List..

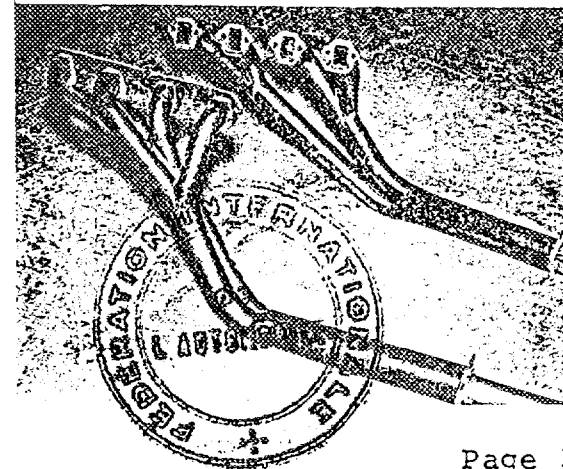
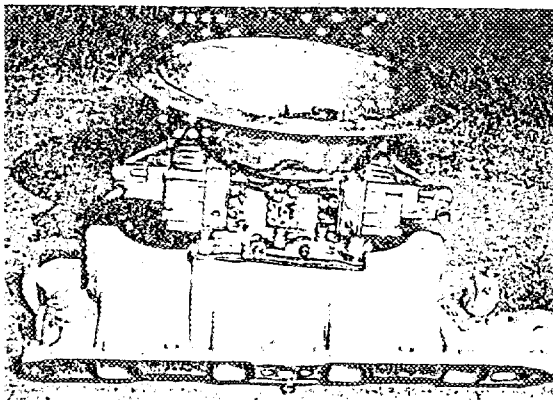
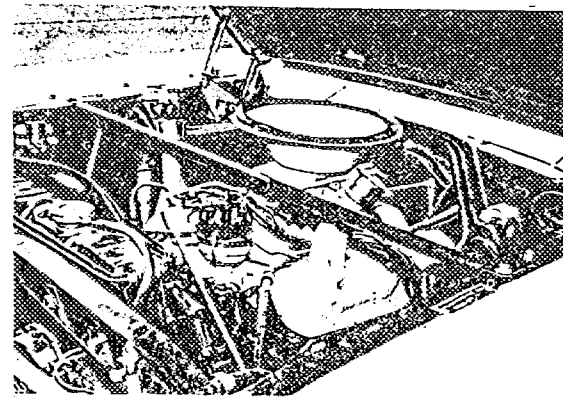
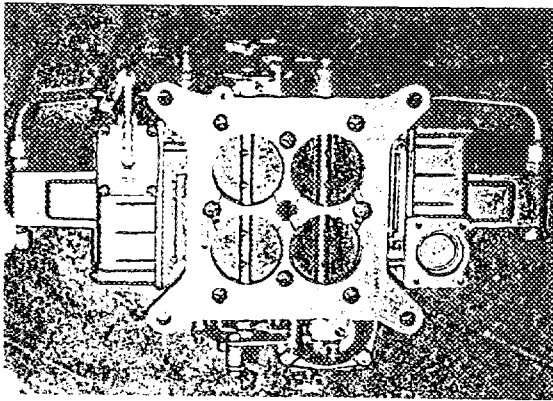
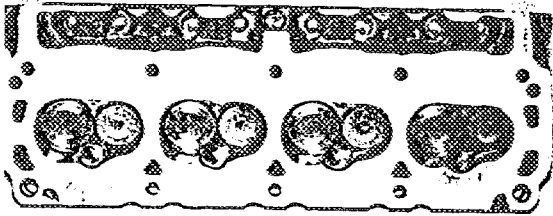
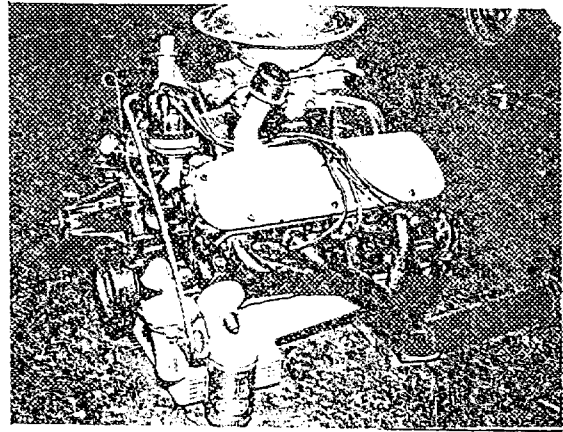
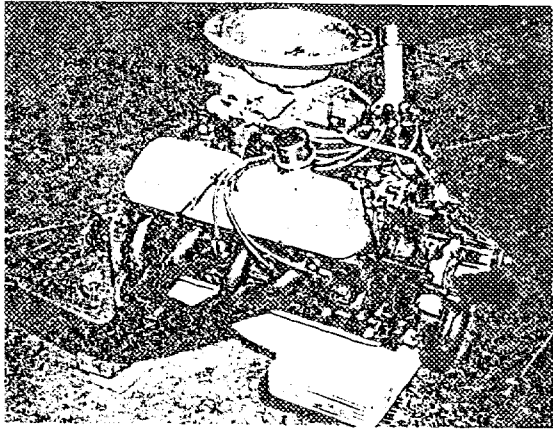
Stamp and signature of the
International Sporting Authority

Stamp and signature of the F.I.A.

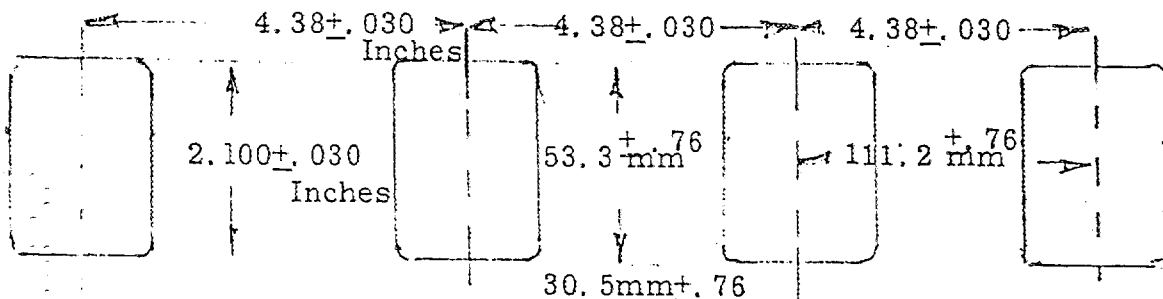

G. W. FLEMING
EXECUTIVE DIRECTOR
ACCUS, FIA
107 EAST 80 STREET NEW YORK N.Y. 10010
DEC - 3 1965







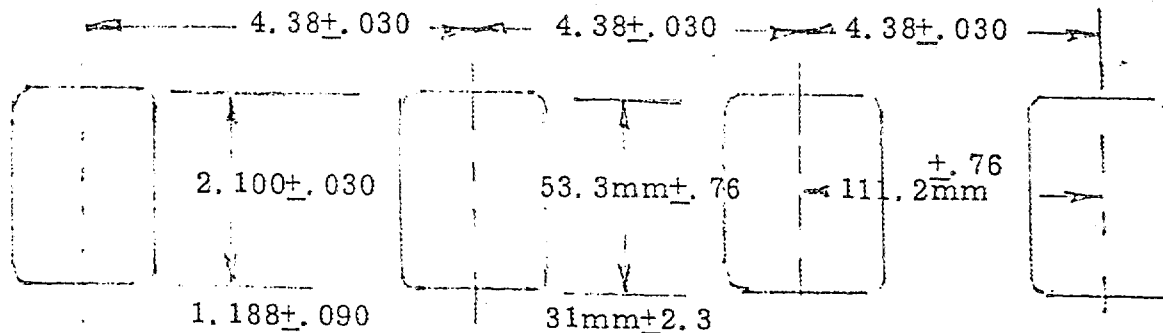
Drawing of intake manifold ports, side view of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



1.200±.030 Inches

Dimensions - inches & mm

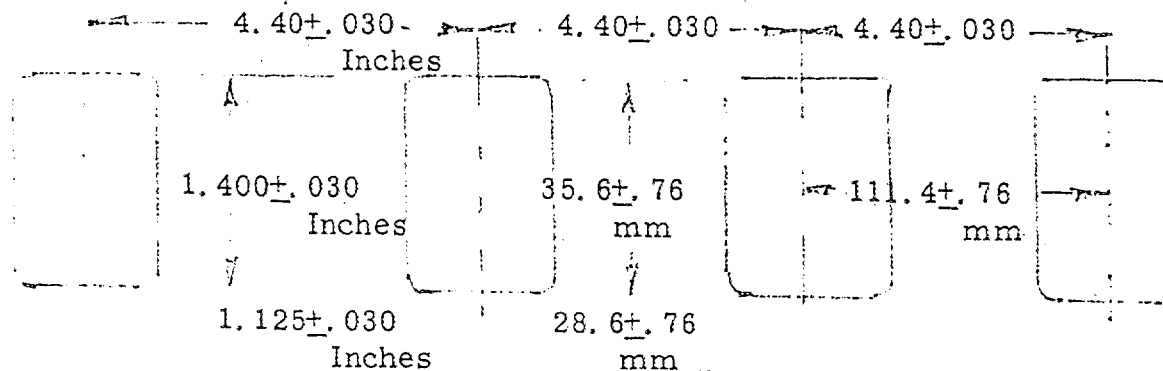
Drawing of intake manifold ports, side view of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



1.188±.090 Inches

Dimensions - inches & mm

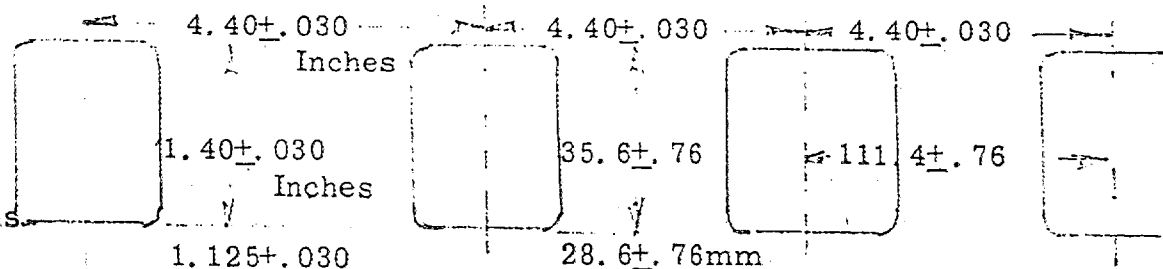
Drawing of exhaust manifold ports, side view of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



1.125±.030 Inches

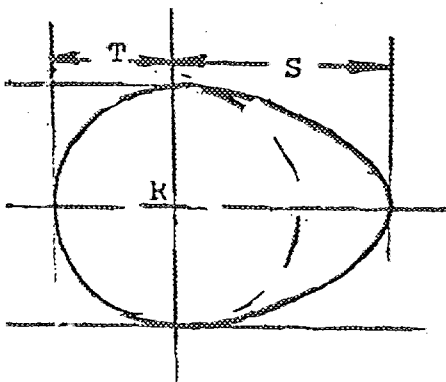
Dimensions - inches & mm

Drawing of exhaust manifold ports, side view of cylinder head. Indicate scale or dimensions and manufacturing tolerance.



R= centre of camshaft.

Inlet cam		
S =	mm	inches
T =	mm	inches
U =	mm	inches
Exhaust cam		
S =	mm	inches
T =	mm	inches
U =	mm	inches



Make Shelby American

Model GT350

F.I.A.Rec.No.

IMPORTANT - the underlined items must be stated in two measuring systems, one of which must be the metric system. See conversion table hereafter.

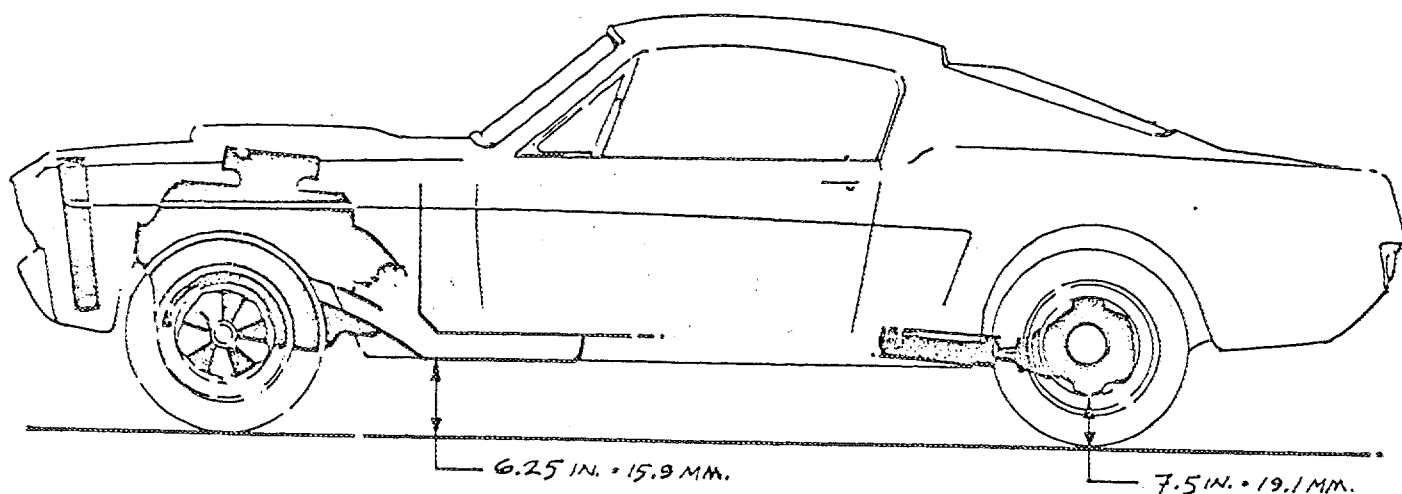
CAPACITIES AND DIMENSIONS

1. <u>Wheelbase</u>	2743	mm	108	inches
2. <u>Front track</u>	1488	mm	58.6	inches*
3. <u>Rear track</u>	1473	mm	5.8	inches*
4. Overall length of the car	460	cm	181	inches
5. Overall width of the car	176"	cm	69.3	inches
Overall height of the car	140	cm	55	inches
7. <u>Capacity of fuel tank</u> (reserve included)	37	Gallon US	140	litres Gallon Imp.

seating capacity 2

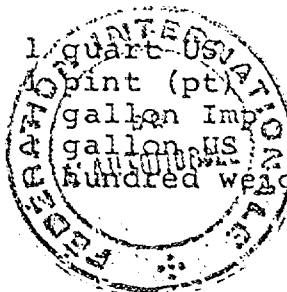
9. Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:
- | | | | | |
|------|----|------|-----|-----|
| 1100 | kg | 2420 | lbs | cwt |
|------|----|------|-----|-----|

*) Differences in track caused by the use of other wheels with different rim widths must be stated when recognition is requested for the wheels concern. Specify ground clearance in relation to the track and give drawing of two easily recognizable points at front and rear at which measurements are taken. These ground clearance dimensions are only for information when checking track and can in no way affect the eligibility of the car.



CONVERSION TABLE

1 inch/pouce	-	2.54	cm	1 quart - US	-	0.9464	lt
1 foot/pied	-	30.4794	cm	1 pint (pt)	-	0.568	lt
1 square inch/pouce carre	-	6.452	cm2	1 gallon Imp	-	4.546	lt
1 cubic inch/pouce cube	-	16.387	cm3	1 gallon US	-	3.785	lt
1 pound/livre (lb)	-	453.593	gr.	1 hundred weight (cwt)	-	50.802	kg



CHASSIS AND COACHWORK (Photographs A, B and C)

0. Chassis/body construction : separate / unitary construction
 1. Unitary construction, material(s) Steel sheet
 Separate construction
 2. Material(s) of chassis Steel
 3. Material(s) of coachwork Steel, Aluminum, Fibreglass & Fabric
 4. Number of doors Material(s) Steel - Aluminum inner panel
 5. Material(s) of bonnet Fibreglass
 6. Material(s) of boot lid Steel
 7. Material(s) of rear-window Plexiglass
 8. Material(s) of windscreen Safety Glass
 9. Material(s) of front-door windows Plexiglass
 0. Material(s) of rear-door windows None fitted
 1. Sliding system of door windows Strap - by hand
 2. Material(s) of rear-quarter light Aluminum or plexiglass

ACCESSORIES AND UPHOLSTERY

8. Interior heating: yes - no
 9. Air-conditioning: yes - no
 0. Ventilation: yes - no
 1. Front seats, type of upholstery
 2. Weight of front seat(s), complete with supports and rails, out of the car:
 kg lbs
 3. Rear seats, type of upholstery None fitted
 4. Front, bumper, material(s) Fibreglass-Integral weight kg lbs
 5. Rear bumper, material(s) Fibreglass weight kg lbs

HEELS

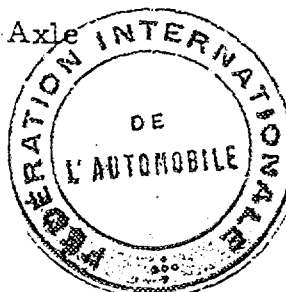
0. Type Spoked magnesium
 1. Weight (per wheel, without tyre) kg lbs
 2. Method of attachment 5 Lugnuts
 3. Rim diameter 381 mm 15 inches
 4. Rim width 178 mm 7 inches

TEERING

0. Type Steering Box and Idler Arm
 1. Servo-assistance: yes - no
 2. Number of turns of steering wheel from lock to lock 3.5
 3. In case of servo assistance

USPENSION

0. Front suspension (photograph D), type Independent
 1. Type of spring Coil
 2. Stabiliser (if fitted) 1 Transverse
 3. Number of shockabsorbers 2
 4. Type Tubular -- adjustable
 8. Rear suspension (photograph E), type Live Axle
 9. Type of spring Leaf
 0. Stabiliser (if fitted) 1 Transverse
 1. Number of shockabsorbers 2
 2. Type Tubular -- adjustable



Make

Model

F.I.A.Rec.No.

BRAKES (Photographs F and G)

90. Method of operation					
91. Servo-assistance (if fitted), type					
92. Number of hydraulic master cylinders	1				
93. Number of cylinders per wheel	FRONT			REAR	
94. Bore of wheel cylinder(s)	41.3 mm	4	1.63 in.	23 mm	1 .906 in.
Drum brakes					
95. Inside diameter	mm		in.	254 mm	10 in.
96. Length of brake linings	mm		in.	475 mm	18.7 in.
97. Width of brake linings	mm		in.	63.5 mm	2.5 in.
98. Number of shoes per brake					
99. Total area per brake	mm2		sq.in.	30.300 mm2	46.7 sq.
Disc brakes					
100. Outside diameter	287 mm		11.3 in.	mm	in.
101. Thickness of disc	mm		in.	mm	in.
102. Length of brake linings	124 mm		4.8 in.	mm	in.
103. Width of brake linings	48 mm		1.9 in.	mm.	in.
104. Number of pads per brake	2				
105. Total area per brake	11,800 mm2		18.3 sq.in.	mm2	sq.

ENGINE (Photograph J and K)

130. Cycle	Four (4)				
131. Number of cylinders	Eight (8)				
132. Cylinder arrangement	V				
133. Bore	101.6 mm	4.00 in.			
134. Stroke	72.9 mm	2.87 in.			
135. Capacity per cylinder	591 cm3	36.13 cu.in.			
136. Total cylinder-capacity	4727 cm3	289 cu.in.			
137. Material(s) of cylinder block	Iron				
138. Material(s) of sleeves (if fitted)	None fitted				
139. Cylinder-head, material(s)	Iron		Number fitted	2	
140. Number of inlet ports	Eight (8)				
141. Number of exhaust ports	Eight (8)				
142. Compression ratio					
143. Volume of one combustion chamber		cm3		cu.in.	
144. Piston, material	Aluminum				
145. Number of rings	Three (3)				
146. Distance from gudgeon pin centre line to highest point of piston crown	mm		inches		
147. Crankshaft:	moulded/stamped				
148. Type of crankshaft:	integral/.....				
149. Number of crankshaft main bearings	Five (5)				
150. Material of bearing cap	Iron				
151. System of lubrication:	oil / oil in sump				
152. Capacity, lubricant	8.04 lts				
153. Oil cooler:	yes - no				
154. Method of engine cooling	Water Radiator				
155. Capacity of cooling system	17.1 ltrs				
156. Cooling fan (if fitted) dia.		cm			
157. Number of blades of cooling fan					



Bearings

. Crankshaft main, type Copper Lead	Dia. 57.15	mm	2.25	in.
. Connecting rod big end, type	Dia. 53.98	mm	2.13	in.

Weights

. Flywheel (clean)	kg	lbs	
. Flywheel with clutch (all turning parts)		kg	lbs
. Crankshaft	kg	lbs.	
. Connecting rod	kg	lbs.	
. Piston with rings and pin	kg	lbs	

2 STROKE ENGINES

. Number of camshafts One (1)
 . Location In Block
 . Type of camshaft drive Chain
 . Type of valve operation Push Rod

3T (see page 4)*

. Material(s) of inlet manifold	Aluminum		
. Diameter of valves	47.75	mm	1.88 inches
. Max. valve lift	12.7	mm	.500 inches
. Number of valve springs	2		
. Type of spring	Coil		
. Number of valves per cylinder	1 Inlet		
. Tappet clearance for checking timing (cold)		mm	inches
. Valves open at (with tolerance for tappet clearance indicated)			
. Valves close at (with tolerance for tappet clearance indicated)			
. Air filter, type			

4UST (see page 4)

. Material(s) of exhaust manifold	Steel Tube		
. Diameter of valves	41.4	mm	1.63 inches
. Max. valve lift	12.7	mm	.500 inches
. Number of valve springs	2		
. Type of spring			
. Number of valves per cylinder	1 Exhaust		
. Tappet clearance for checking timing (cold)		mm	inches
. Valves open at (with tolerance for tappet clearance indicated)			
. Valves close at (with tolerance for tappet clearance indicated)			

3URETION (Photograph N)

. Number of carburettors fitted	1		
. Type			
. Make			
. Model			
. Number of mixture passages per carburettor	4		
. Flange hole diameter of exit port(s) of carburetor			in.
. Minimum diameter of venturi/minimum diam. with piston at maximum height		mm	in.

for additional information concerning two-stroke engines and super-charged engines see page 13

Make Shelby American Model GT350

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INJECTION (if fitted) Not fitted

- 20. Make of pump
- 21. Number of plungers
- 22. Model or type of pump
- 23. Total number of injectors
- 24. Location of injectors
- 25. Minimum diameter of inlet pipe mm in.

ENGINE ACCESSORIES

- 30. Fuel pump: mechanical and/or electric
- 31. No. fitted 1 mechanical & 1 electric
- 32. Type of ignition system Battery & Coil
- 33. No. of distributors 1
- 34. No. of ignition coils 1
- 35. No. of spark plugs per cylinder 1
- 36. ~~Generator~~, number fitted Alternator - 1
- 37. Method of drive Mechanical
- 38. Voltage of generator 12 volts
- 39. Battery, number 1
- 40. Location Rear of car.
- 41. Voltage of battery 12 volts

ENGINE AND CAR PERFORMANCES (as declared by manufacturer in catalogue)

- 50. Max. engine output (type of horsepower:) at rpm
- 51. Maximum rpm output at that figure
- 52. Maximum torque at rpm
- 53. Maximum speed of the car km/hour miles/hour

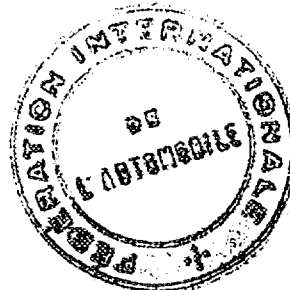
DRIVE TRAIN

CLUTCH

- 60. Type of clutch Dry Plate
- 61. No. of plates 1
- 62. Dia. of clutch plates 26.7 cm 10.5 in.
- 63. Dia. of linings, inside 26.7 cm 10.5 in.
- outside cm in.
- 64. Method of operating clutch Mechanical Link

GEAR BOX (photograph H)

- 70. Manual type, make Borg Warner
- 71. No. of gear-box ratios forward 4
- 72. Synchronized forward ratios 4
- 73. Location of gear-shift Center of car -- floor.
- 74. Automatic, make Ford type Torque convertible
- 75. No. of forward ratios 3
- 76. Location of gear-shift Center - floor



277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	No teeth	Ratio	No teeth	Ratio	No teeth	Ratio	No teeth
1	2.36:1	$\frac{26}{29} \times \frac{17}{36}$	2.46:1	Planet	2.20:1	$\frac{27}{28} \times \frac{17}{36}$		
2	1.62:1	$\frac{26}{29} \times \frac{20}{29}$	1.46:1	Planet	1.64:1	$\frac{27}{28} \times \frac{19}{30}$		
3	1.20:1	$\frac{26}{29} \times \frac{25}{27}$	1.00:1	Direct	1.31:1	$\frac{27}{28} \times \frac{23}{29}$		
4	1.00:1	Direct			1.00:1	Direct		
5								
6								
reverse	2.42:1	$\frac{26}{29} \times \frac{17}{18} \times \frac{19}{39}$	2.20:1	Planet	2.26	$\frac{27}{28} \times \frac{17}{18} \times \frac{19}{39}$		

278. Overdrive, type None fitted

279. Forward gears on which overdrive can be selected

280. Overdrive ratio

FINAL DRIVE

290. Type of final drive Hypoid Gear Ring & Pinion

291. Type of differential Locking -- Ratchet Type

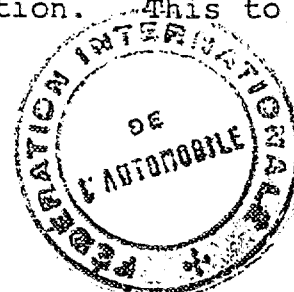
292. Type of limited slip differential (if fitted) Mechanical Locking

293. Final drive ratio 3.89:1 or 3.70:1
Number of teeth 35-9 or 37-10

IMPORTANT - The conformity of the car with the following items of the present recognition form is to be disregarded during the scrutineering, when the vehicle has been entered in group 2 (Touring cars) or 3 (Grand Touring cars): 41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 184, 186, 187, 188, 189, 199, 201, 202, 203, 212, 215, 216, 222, 225, 230, 250, 251, 252, 253 and photographs T, M and N

During the scrutineering of cars entered in group 4 (Sportscars) only the following items of the present recognition form are to be taken into consideration: 1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 and photographs A, B D, E, F, G, H, J, K and O

Optional equipment affecting preceeding information. This to be stated together with reference number.



tional equipment affecting preceeding information. This to be stated together with
ference number.

ZA	4209-C	4.33:1	Final drive ratio	39-9
AZ	4209-C	4.11:1	" " "	37-9
AZ	4209-D	3.50:1	" " "	35-10
UZ	4209-A	4.57:1	" " "	32-9

MR-5483-A

Rear stabilizer bar

MR-1007-B

Magnesium wheel, 381 x 191 mm rim (15x7.5 inches)
nominal track front 1501 mm (59.1 in.), rear 1486 mm
(58.5 in.)

MR-1007-A

Magnesium wheel, 381 x 203 mm rim (15 x 8 in.)
nominal track, front 1514 mm (59.6 in.), rear 149.9 mm
(59 in.)

MR-9510-D

Dual 4 bbl. carburetor manifold and carburetors.

MR-8005-D

Sump Guard

JO-200

Weber carburetor manifold with 4 x 2 bbl.
48 IDA carburetors.

