

F.I.A. Recognition No. 504
 Group 3 - Grand Touring

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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

Manufacturer <u>Shelby American, Inc.</u>	Cylinder-capacity <u>289</u> cm3 <u>in3</u>
Serial No. of chassis <u>SFM 5001</u>	Model <u>GT350</u>
engine <u>CS350-0001</u>	Manufacturer <u>Shelby-American-Ford</u>
Recognition is valid from	Manufacturer <u>Shelby-American-Ford</u>
	List

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>
on.....19..	rec.No.....	List.....	on.....19..rec. No. ...List...
on.....19..	rec.No.....	List.....	on.....19..rec. No. ...List...
on.....19..	rec.No.....	List.....	on.....19..rec. No. ...List...
on.....19..	rec.No.....	List.....	on.....19..rec. No. ...List...
on.....19..	rec.No.....	List.....	on.....19..rec. No. ...List...

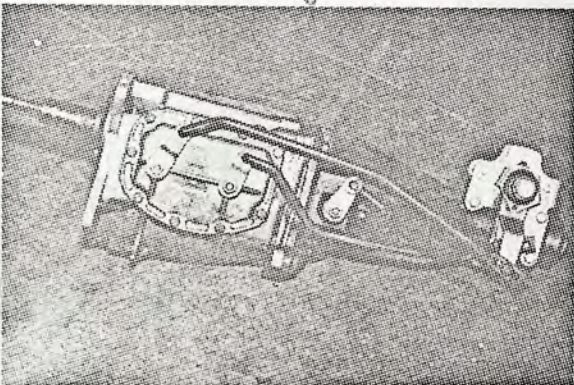
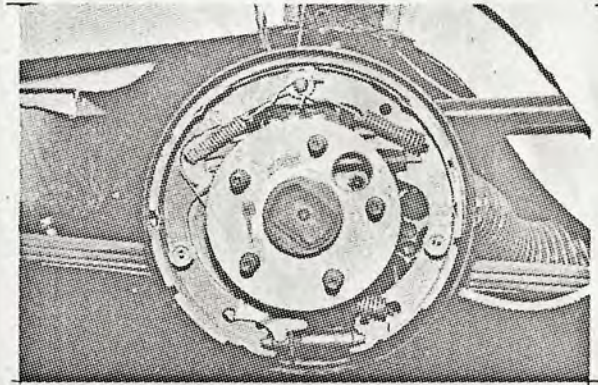
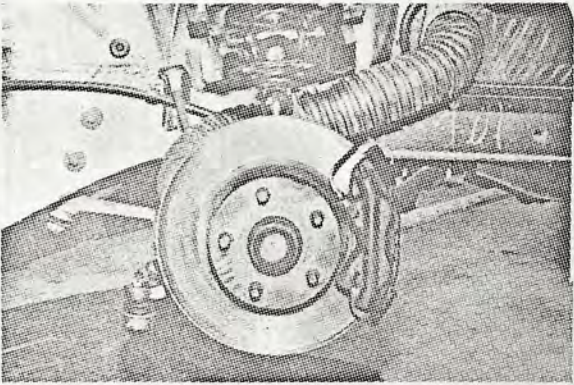
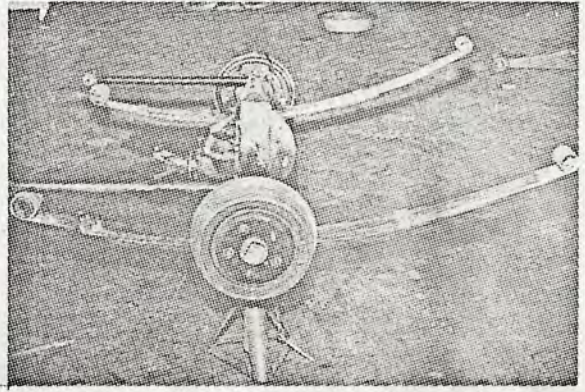
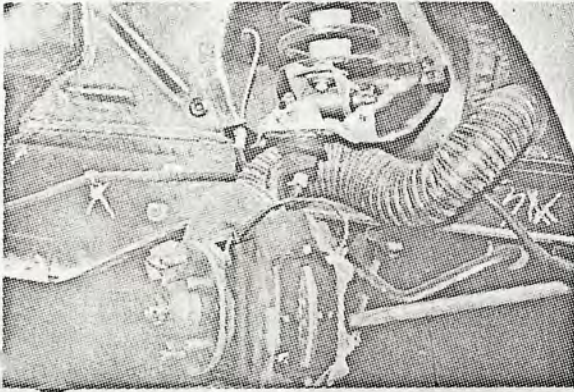
Stamp and signature of the
 National Sporting Authority

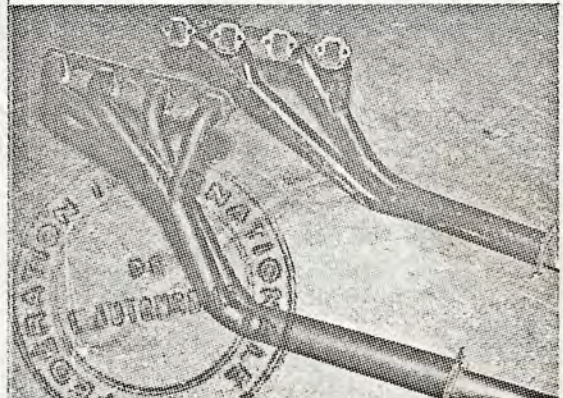
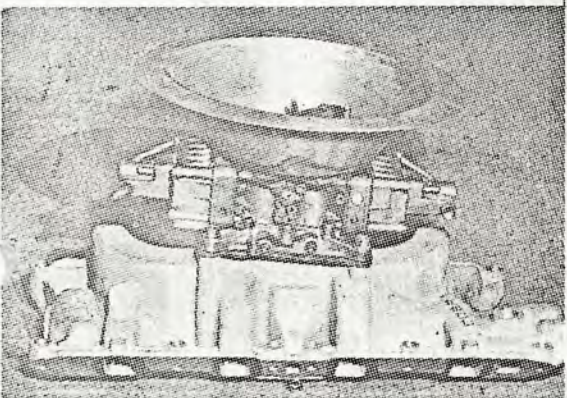
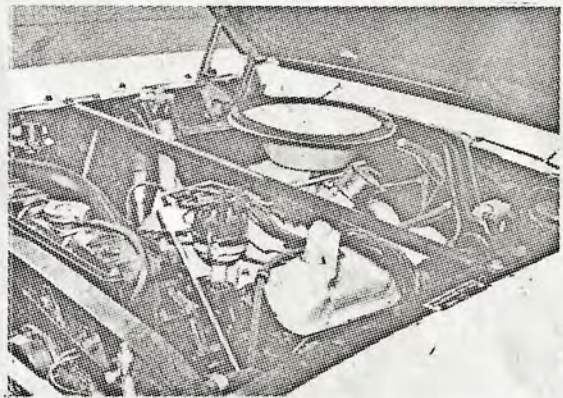
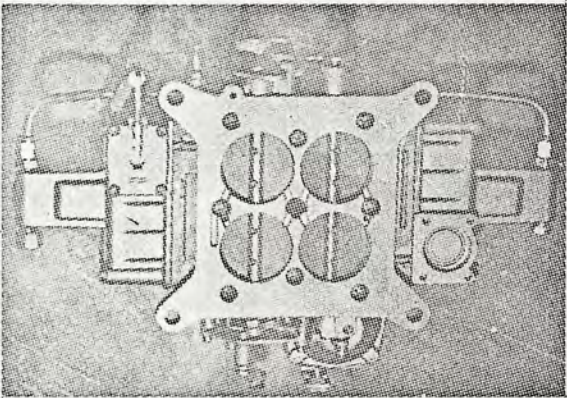
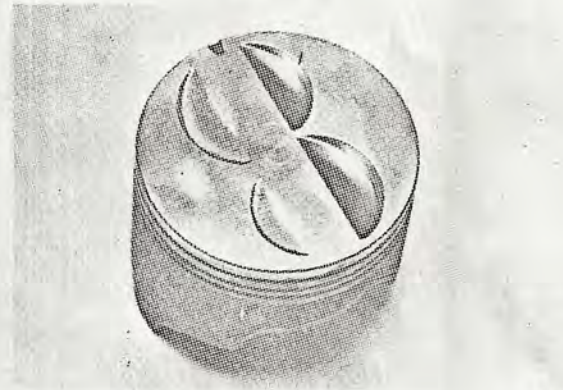
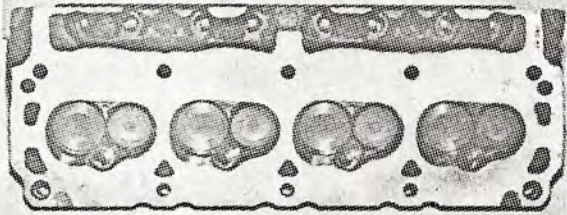
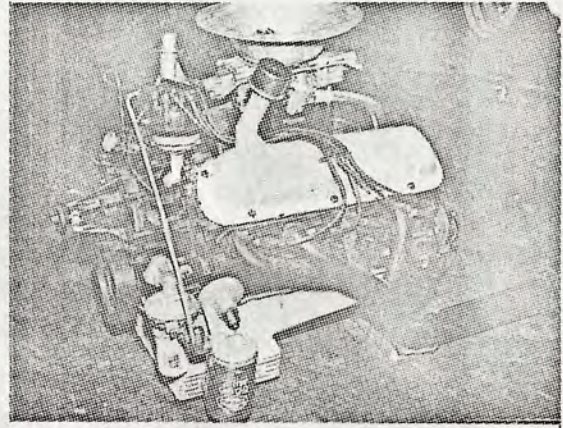
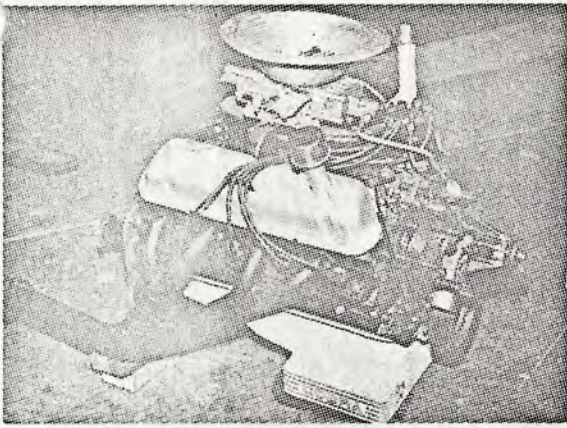
Stamp and signature of the F.I.A.

G. W. Fleeming
 G. W. FLEEMING
 EXECUTIVE DIRECTOR
 ACCUS, FIA



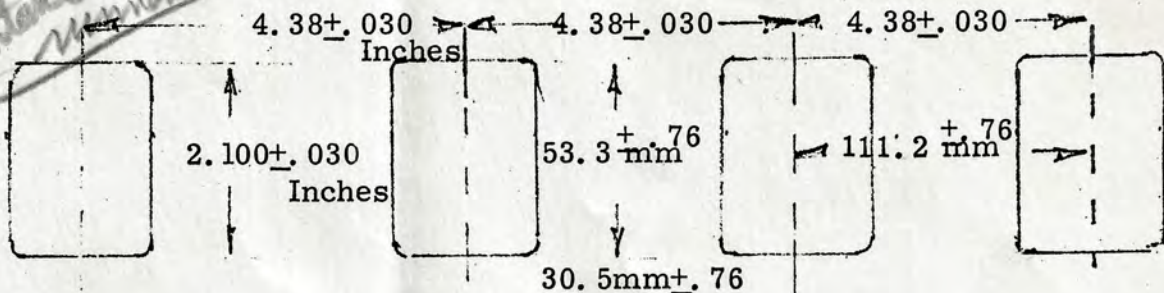
107 EAST 38 STREET NEW YORK, N.Y. 10016
 DEC - 3 1965





~~Drawing~~ inlet manifold ports, side of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.

Intake Manifold

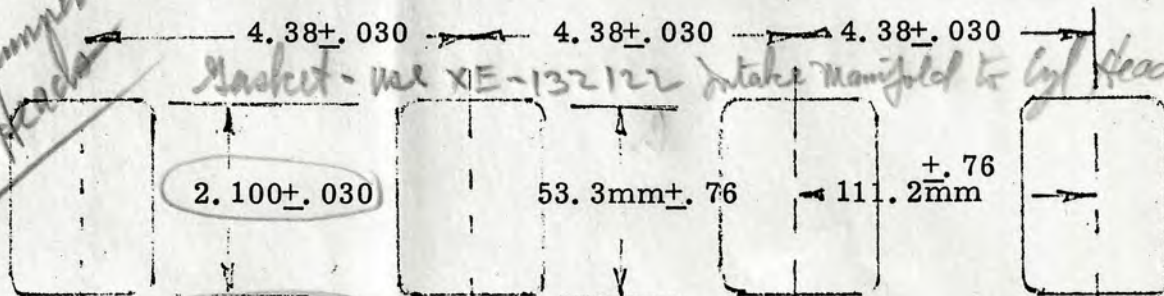


1.200±.030 Inches

Dimensions - inches & mm

~~Drawing~~ of entrance to inlet port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.

Intake Manifold Cyl. Head

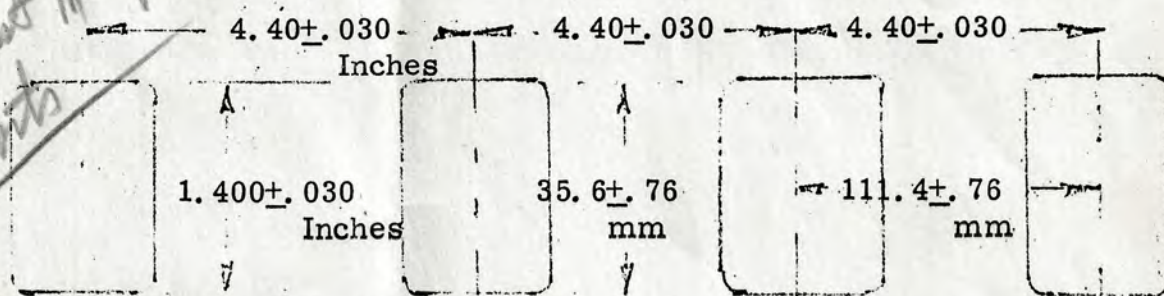


1.188±.090 Inches

Dimensions - inches & mm

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

Exhaust Manifold Ports

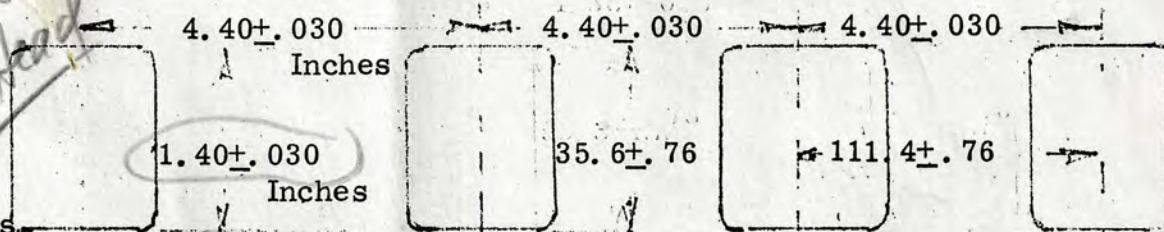


1.125±.030 Inches

Dimensions - inches & mm

~~Drawing~~ of exit to exhaust port of cylinder-head. Indicate scale or dimensions and manufacturing tolerance.

Exhaust Ports Cyl. Head

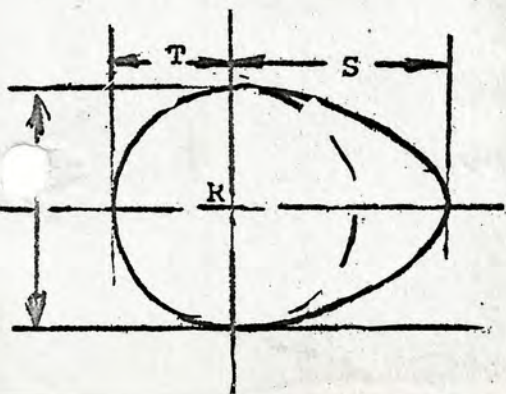


1.125±.030

Dimensions - inches & mm

R= centre of camshaft.

Inlet cam		Dimensions - inches & mm	
S =	mm		inches
T =	mm		inches
U =	mm		inches
Exhaust cam		Dimensions - inches & mm	
S =	mm		inches
T =	mm		inches
U =	mm		inches

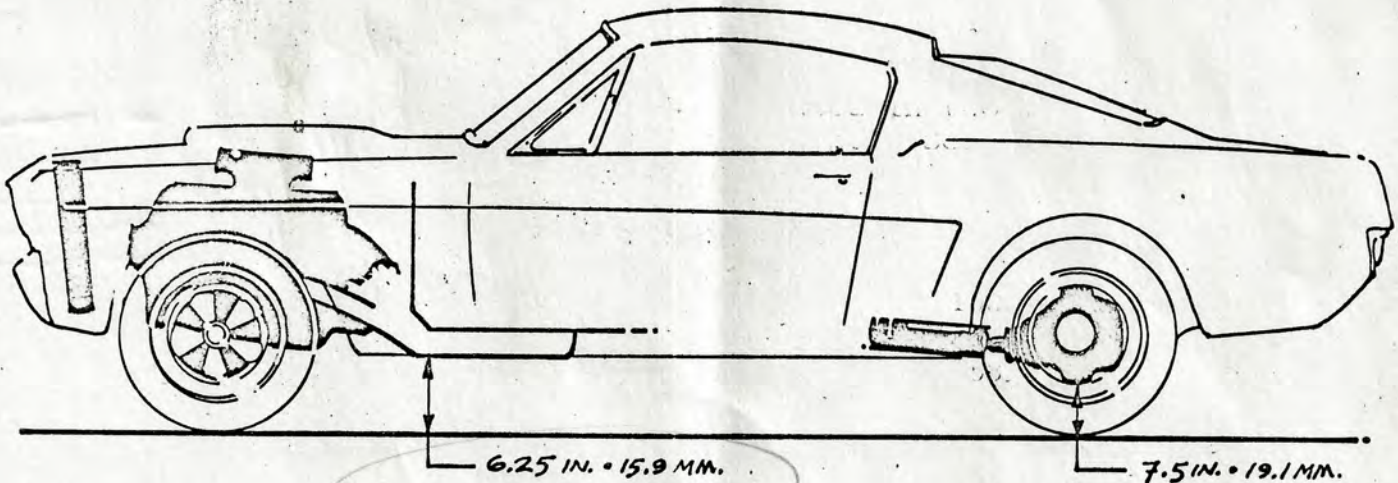


IMPORTANT - the underlined items must be stated in two measuring systems, one of which must be the metric system. See conversion table hereafter.

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 |
| 6. Overall height of the car | 140 | cm | 55 | inches |
| 7. <u>Capacity of fuel tank (reserve included)</u> | | | 140 | litres |
| | 37 | Gallon US | | Gallon Imp. |
| 8. Seating capacity | 2 | | | |
| 9. <u>Weight, total weight of the car with normal equipment, water, oil and spare wheel but without fuel nor repair tools:</u> | | | | |
| | 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 concerned. 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 the track and can in no way affect the eligibility of the car.



CONVERSION TABLE

1 inch/pouce	-	2.54	cm	1 quart	-	0.9464	ltrs
1 foot/pied	-	30.4794	cm	1 pint (pt)	-	0.568	ltrs
1 square inch/pouce carre	-	6.452	cm ²	1 gallon Imp	-	4.546	ltrs
1 cubic inch/pouce cube	-	16.387	cm ³	1 gallon US	-	3.785	ltrs
1 pound/livre (lb)	-	453.593	gr.	1 hundred weight (cwt)	-	50.802	kg



CHASSIS AND COACHWORK (Photographs A, B and C)

- 20. Chassis/body construction : separate / unitary construction
- 21. Unitary construction, material(s) Steel sheet
Separate construction
- 22. Material(s) of chassis Steel
- 23. Material(s) of coachwork Steel, Aluminum, Fibreglass & Fabric
- 24. Number of doors Material(s) Steel - Aluminum inner panel
- 25. Material(s) of bonnet Fibreglass
- 26. Material(s) of boot lid Steel
- 27. Material(s) of rear-window Plexiglass
- 28. Material(s) of windscreen Safety Glass
- 29. Material(s) of front-door windows Plexiglass
- 30. Material(s) of rear-door windows None fitted
- 31. Sliding system of door windows Strap - by hand
- 32. Material(s) of rear-quarter light Aluminum or plexiglass

ACCESSORIES AND UPHOLSTERY

- 38. Interior heating: yes - no
- 39. Air-conditioning: yes - no
- 40. Ventilation: yes - no
- 41. Front seats, type of upholstery
- 42. Weight of front seat(s), complete with supports and rails, out of the car:
kg lbs
- 43. Rear seats, type of upholstery None fitted
- 44. Front, bumper, material(s) Fibreglass-Integral weight kg lbs
- 45. Rear bumper, material(s) Fibreglass weight kg lbs

WHEELS

- 50. Type Spoked magnesium
- 51. Weight (per wheel, without tyre) kg lbs
- 52. Method of attachment 5 Lugnuts
- 53. Rim diameter 381 mm 15 inches
- 54. Rim width 178 mm 7 inches

STEERING

- 60. Type Steering Box and Idler Arm
- 61. Servo-assistance: yes - no
- 62. Number of turns of steering wheel from lock to lock 3.5
- 63. In case of servo assistance

SUSPENSION

- 70. Front suspension (photograph D), type Independent
- 71. Type of spring Coil
- 72. Stabiliser (if fitted) 1 Transverse
- 73. Number of shock absorbers 2
- 74. Type Tubular -- adjustable
- 78. Rear suspension (photograph E), type Live Axle
- 79. Type of spring Leaf
- 80. Stabiliser (if fitted) 1 Transverse
- 81. Number of shock absorbers 2
- 82. Type Tubular -- adjustable



BRAKES (Photographs F and G)

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

ENGINE (Photograph J and K)

127. Cycle	Four (4)			
131. Number of cylinders	Eight (8)			
132. Cylinder arrangement	V			
133. Bore	101.6mm	4.00 in.		
134. Stroke	72.9 mm	2.87 in.		
135. Capacity per cylinder	591 cm ³	36.13 ⁹ cu.in.		
136. Total cylinder-capacity	4727 cm ³	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		cm ³		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:	dry sump / oil in sump			
152. Capacity, lubricant	8.04 lts		pts	8.5 quarts US
153. Oil cooler:	<u>yes</u> - no			
154. Method of engine cooling	Water Radiator			
155. Capacity of cooling system	17.1 ltrs		pints	18 quarts US
156. Cooling fan (if fitted) dia.			inches	
157. Number of blades of cooling fan				



Boarings

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

Weights

- 160. Flywheel (clean) kg lbs
- 161. Flywheel with clutch (all turning parts) kg lbs
- 162. Crankshaft kg lbs.
- 163. Connecting rod kg lbs.
- 164. Piston with rings and pin kg lbs

FOUR STROKE ENGINES

- 170. Number of camshafts One (1)
- 171. Location In Block
- 172. Type of camshaft drive Chain
- 173. Type of valve operation Push Rod

INLET (see page 4)*

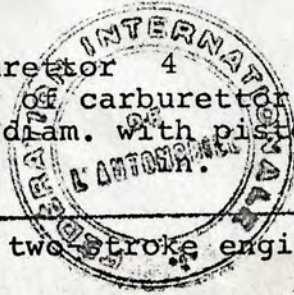
- 180. Material(s) of inlet manifold Aluminum
- 181. Diameter of valves 47.75 mm 1.88 inches
- 182. Max. valve lift 12.7 mm .500 inches
- 183. Number of valve springs 2
- 184. Type of spring Coil
- 185. Number of valves per cylinder 1 Inlet
- 186. Tappet clearance for checking timing (cold) mm inches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

EXHAUST (see page 4)

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

CARBURETION (Photograph N)

- 210. Number of carburettors fitted 1
- 211. Type
- 212. Make
- 213. Model
- 214. Number of mixture passages per carburettor 4
- 215. Flange hole diameter of exit port(s) of carburettor mm in.
- 216. Minimum diameter of venturi/minimum diam. with piston at maximum height mm



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

INJECTION (if fitted) Not fitted

- 220. Make of pump
- 1. Number of plungers
- 222. Model or type of pump
- 223. Total number of injectors
- 224. Location of injectors
- 225. Minimum diameter of inlet pipe mm in.

ENGINE ACCESSORIES

- 230. Fuel pump: mechanical and/or electric
- 231. No. fitted 1 mechanical & 1 electric
- 232. Type of ignition system Battery & Coil
- 233. No. of distributors 1
- 234. No. of ignition coils 1
- 235. No. of spark plugs per cylinder 1
- 236. ~~Generator~~, number fitted Alternator - 1
- 237. Method of drive Mechanical
- 238. Voltage of generator 12 volts
- 239. Battery, number 1
- 240. Location Rear of car.
- 241. Voltage of battery 12 ~~12~~ volts

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

- 250. Max. engine output (type of horsepower:) at rpm
- 251. Maximum rpm output at that figure
- 2. Maximum torque at rpm
- 253. Maximum speed of the car km/hour miles/hour

DRIVE TRAIN

CLUTCH

- 260. Type of clutch Dry Plate
- 261. No. of plates 1
- 262. Dia. of clutch plates 26.7 cm 10.5 in.
- 263. Dia. of linings, inside 26.7 cm 10.5 in.
- outside cm in.
- 264. Method of operating clutch Mechanical Link

GEAR BOX (photograph H)

- 270. Manual type, make Borg Warner
- 271. No. of gear-box ratios forward 4
- 272. Synchronized forward ratios 4
- 273. Location of gear-shift Center of car -- floor.
- 274. Automatic, make Ford type Torque convertible
- 275. No. of forward ratios 3
- 276. 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.---: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 I, 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 preceding information. This to be stated together with reference number.



See page 11.

Make: Shelby American

Model: GT350

F. I. A. Rec. No.

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

C4ZA	4209-C	4.33:1	Final drive ratio	39-9
B7AZ	4209-C	4.11:1	" " "	37-9
B7AZ	4209-D	3.50:1	" " "	35-10
C3UZ	4209-A	4.57:1	" " "	32-9

S2MR-5483-A
S2MR-1007-B

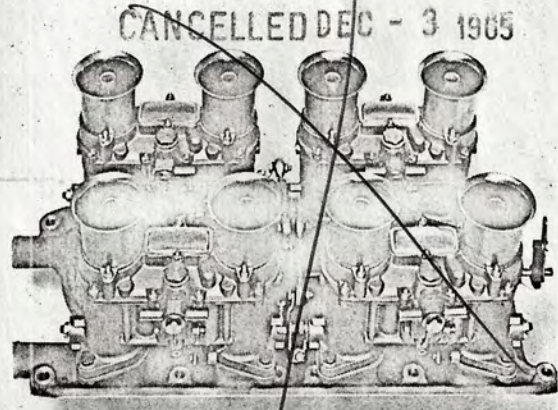
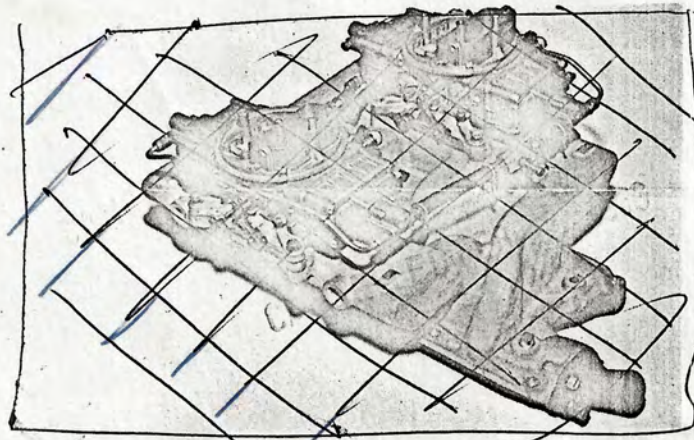
Rear stabilizer bar
Magnesium wheel, 381 x 191 mm rim (15x7.5 inches)
nominal track front 1501 mm (59.1 in.), rear 1486 mm (58.5 in.)

S2MR-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.)

~~S2MR-8010-D~~
S2MR-8005-D
XEO-200

~~Dual 4 bbl. carburetor manifold and carburetors.~~
Sump Guard
~~Weber carburetor manifold with 4 x 2 bbl.~~
48 IDA carburetors.



CANCELLED DEC - 3 1965

Hubert Schreyer

