

F I A INTERNATIONAL STANDARD CERTIFICATE
OF MINIMUM PRODUCTION

Name of Manufacturer Shelby American, Inc.

Name of Model Cobra

Manufacturer's Reference No. of Application 2002

We certify that in excess of 200 cars identical with the basic specification stated in this application were completed on (date) 9-20-63. Production commenced on (date) 10-10-62. Cars conforming to this specification may be identified by Chassis Nos. CSX2000, Engine Nos. number not assigned.

Name of Company Shelby American, Inc.
or Division

By *Jim Pennington*

Title Assistant Engineer

By *Q.H. Daniel*

Title Competition Administrator

A. D. Henry
AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.
107 EAST 38TH STREET
NEW YORK 16, N. Y.

Carroll Shelby
Pres.

Telephone: LExington 2-5521

Cable Address: "ACCUSFIA-New York"

Automobile Competition Committee for the United States FIA, Inc.

515 Madison Avenue, New York 22, N.Y.

Form of Recognition in Accordance with Appendix J to the International Sporting Code

Manufacturer's Reference No. for
application 2001

FIA Recognition No. 115

Manufacturer SHELBY AMERICAN, INC.

Model COBRA Year of manufacture 1962, 1963, 1964

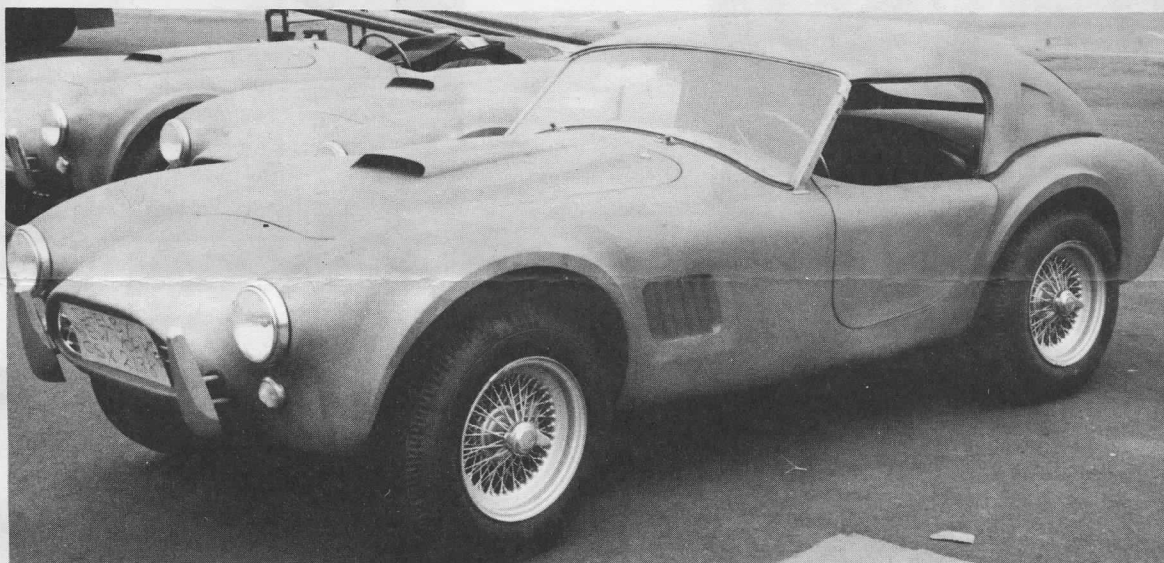
Chassis starts with 2000

Serial No. of

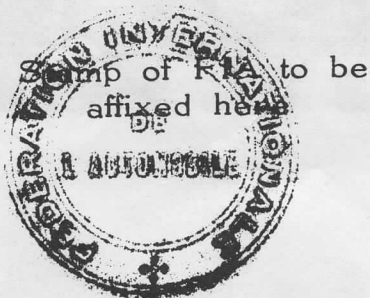
Engine starts with Number not assigned

Type of bodywork Roadster, with or without detachable hardtop

Recognition is reconfirmed from 6 Feb. 1964 In category Touring No
(FIA to insert date) or Grand Touring Yes



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



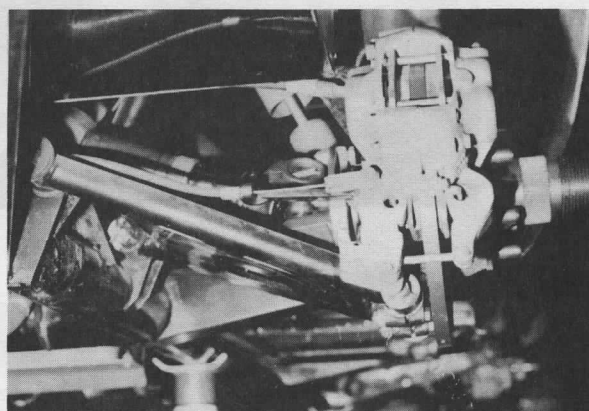
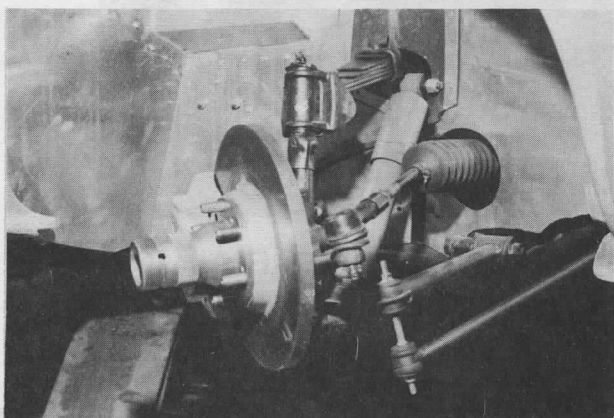
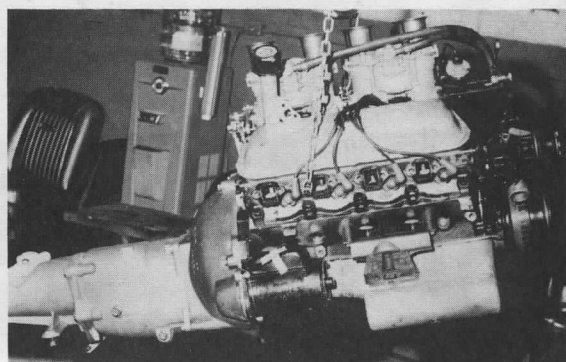
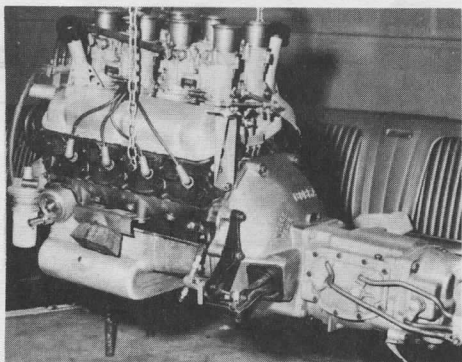
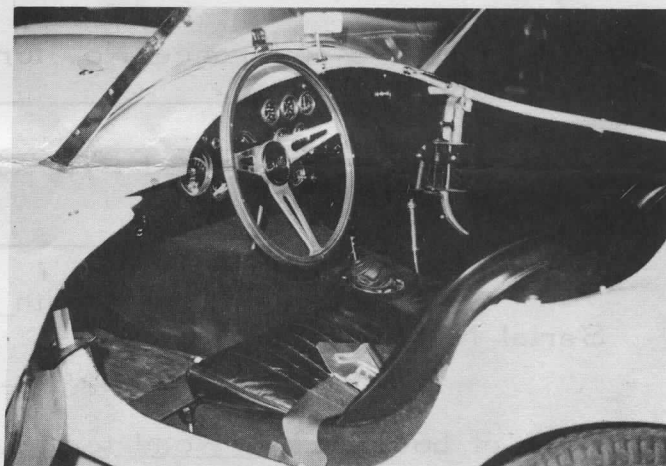
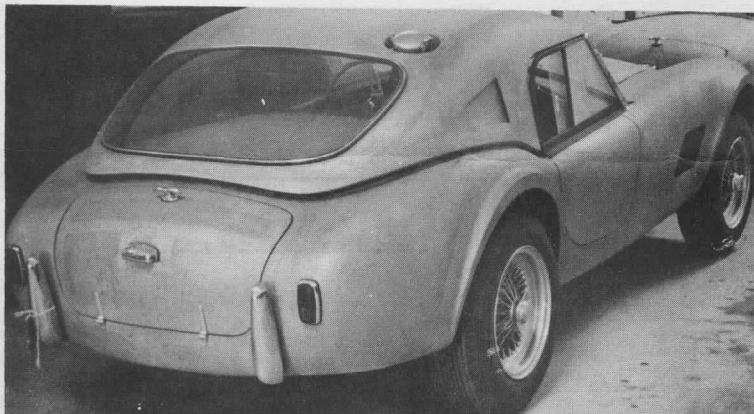
Signed

Eric Hio Secy
AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.
107 EAST 38TH STREET
NEW YORK 16, N. Y.

General description of car: (specifying materials of bodywork)

Open roadster with aluminum coachwork over steel tube body. Frame manufactured by A.C. Cars, Ltd. (England), 2 passenger, Girling disc brakes standard equipment. Car supplied with or without metal or fiberglass hardtop or with canvas foldingtop. Also aerodynamic hardtop coupe.

Photographs to be affixed below:



ENGINE

No. of cylinders 8 in line
 in V 8
 opposed

Cycle 4 Firing order 15426378
 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

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 12:1

Material of piston Alum. Head No. of piston rings 3
 Distance from wrist pin center line to highest point of piston crown 4699 mm

Bearings (Crankshaft main bearings: Type Copper Lead Dia. 57.15 mm
 (Connecting rod big end: Type Copper Lead Dia. 53.975 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 2 Method of valve operation Push Rod
 No. of camshafts 2 Location of camshafts In Block
 Type of camshaft drive Chain

Diameter of valves: Inlet 47.7 mm Exhaust 41.275 mm
 Diameter of port at valve seat: Inlet 44.196 mm Exhaust 38.887 mm
 Tappet clearance for checking timing: Inlet .000 mm Exhaust .000 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

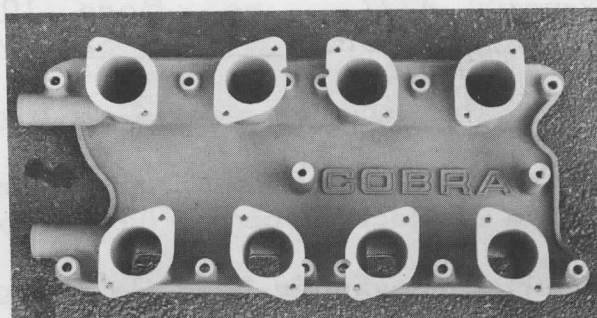
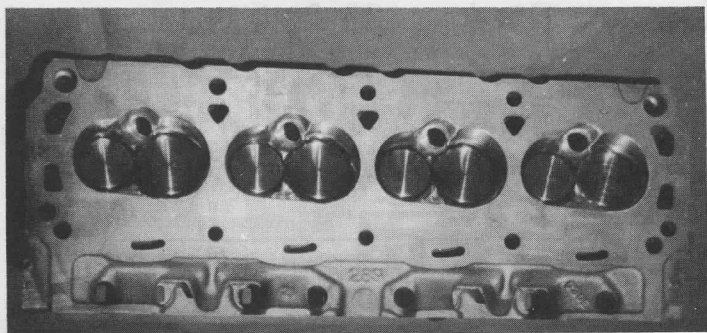
Degrees of crankshaft rotation from zero to -
 Maximum lift: Inlet 112° Exhaust 248°
 3/4 Maximum lift: Inlet 50° Exhaust 186°

Valve springs: Inlet Exhaust
 Type Coil Coil
 No. per valve 2 2

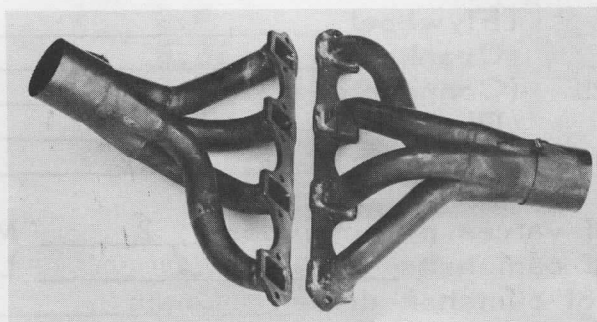
Carburetor: Type Down Draft No. fitted 4
 (up, or down draft, horizontal)

Make Weber Model 48 IDM
 Flange hole diameter 48 mm Choke diameter 42 mm
 Main jet identification No. 165

Air filter None No. fitted _____
Inlet manifold:
Diameter of flange hole at carburetor 48 MM mm
Diameter of flange hole at port 42 MM x 50.8 MM mm



Exhaust manifold:
Diameter of flange hole at port 30.2 MM x 41.5 MM mm
Diameter of flange hole at connection to muffler inlet pipe 76 MM mm



ENGINE ACCESSORIES

Make of fuel pump AC & Stewart Warner No. fitted 2 (1 Elect., 1 Mech.)
Method of operation Mechanical and Electrical

Type of ignition system coil coil or magneto
Make of ignition Ford Model C30FD121 27-D
Method of advance and retard Mechanical

Make of ignition coil Ford Model FAC-120-29A
No. of ignition coils One Voltage 12

Make of generator Ford Model C3MF 10300-A
Voltage of generator 15 Maximum output 40 amps.

Make of starter motor Ford Model C2AF 1101-13

Battery: No. fitted 1 Voltage 12 Capacity 70 amp hour

TRANSMISSION

Make of clutch Ford Type Dry Plate
 Diameter of clutch plate 267 No. of plates 1
 Method of operating clutch Hydraulic
 Make of gearbox Borg-Warner Type 4-speed
 No. of gearbox ratios 4
 Method of operating gearshift Manual
 Location of gearshift Floor
 Is overdrive fitted? No
 Method of controlling overdrive, if fitted None

Speed	Gearbox Ratios		Alternative Ratios					
	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	No. of Teeth	Ratio	Teeth
1st.	2.36	36-17	2.20	36-17	2.33	36-17		
2nd.	1.75	30-19	1.63	30-17	1.61	29-20		
3rd.	1.40	24-23	1.31	29-23	1.20	27-25		
4th.	1.00		1.00					
5th.								
Reverse								

Type of final drive Gear
 Type of differential Limited Slip (Salisbury)
 Final drive ratio 3.77 Alternatives 3.07, 3.31, 3.54, 4.09,
 No. of teeth 13:49 4.27, 4.55
 Overdrive ratio, if fitted None

WHEELS

Type Magnesium Weight 6.4 kg
 Method of attachment Wing Nut
 Rim diameter 381 mm Rim Width 190.5 mm
 Tire size: Front 6.70 x 15 Rear 8.20 x 15

BRAKES

Method of operation Hydraulic
 Is servo assistance fitted? No.
 Type of servo, if fitted None
 No. of hydraulic master cylinders 2 Bore 18.01 mm

	Front	Rear
No. of wheel cylinders	<u>2 per Wheel</u>	<u>2 per Wheel</u>
Bore of wheel cylinders	<u>60.5</u> mm	<u>44.5</u> mm
Inside diameter of brake drums	<u>-</u> mm	<u>-</u> mm
No. of shoes per brake	<u>-</u>	<u>-</u>
Outside diameter of brake discs	<u>290.5</u> mm	<u>273.05</u> mm
No. of pads per brake	<u>2</u>	<u>2</u>

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	<u>113</u> mm	<u>92.5</u> mm
	<u>67</u> mm	<u>57.5</u> mm
Width	<u>62.5</u> mm	<u>51</u> mm
Total area per brake	<u>11,250</u> mm ²	<u>7,660</u> mm ²

SUSPENSION

	Front	Rear
Type	<u>Independent</u>	<u>Independent</u>
Type of spring	<u>Leaf</u>	<u>Leaf</u>
Is stabilizer fitted?	<u>Yes</u>	<u>Yes</u>
Type of shock absorber	<u>Hydraulic</u>	<u>Hydraulic</u>
No. of shock absorbers	<u>2</u>	<u>2</u>

STEERING

Type of steering gear Rack and Pinion
 Turning circle of car 10.4 m., approx.
 No. of turns of steering wheel from lock to lock 2.75

CAPACITIES AND DIMENSIONS

Fuel tank 140 litres Sump 10 litres
 Radiator 17 litres
 Overall length of car 385 cm. Overall width of car 155 cm.
 Overall height of car, unladen (with top up, if appropriate) 124.5 cm.
 Distance from floor to top of windshield:
 Highest point 91.44 cm. Lowest point 83.88 cm.
 Width of windshield:
 Maximum width 121.92 cm. Minimum Width 118.11 cm.

*Interior width of car 124.5 cm.
 No. of seats 2

Track: Front 137.27 cm. Rear 139.7 cm.

Wheelbase 228 cm. Ground clearance 120 mm
 Overall weight with water, oil and spare wheel, but without fuel 865 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.)

AMENDMENT FORM

Manufacturer: SHELBY AMERICAN, INC.

Mfg.'s Reference No. of Application: 2001

Model: COBRA

FIA Recognition No; 115

Reconfirmed 6 February 1964

Page 8, "Optional Equipment" of subject form is revised and amended as follows:

XCO 299 Differential oil radiator and circulating pumps

XE0 111 Intake Manifold for 2, 4-throat carburetors

XEO 136 Low compression cylinder head, 10:1 CR, 49cc. displ.

XEO 137 Small exhaust port cylinder head, Port 36.5mm. dia.

XEO 138 Alternative exhaust valve, 39.7mm dia.

XEO 139 Alternative inlet valve, 47.7mm dia.

XCO 213 Additional vents for engine compartment

XCO 219 Underpan

XCO 300 Special steering arms

XCO 221 17 gallon fuel tank

XCO 261 Wire wheels and hubs, diameter 381mm., hub 52mm.

XCO 262 Alternative magnesium wheel, 153mm rim

XCO 263 Alternative magnesium wheel, 165mm rim

XCO 264 Alternative magnesium wheel, 178mm rim

XEO 135 Cam shaft: Max. lift inlet 86°, Ex 221°) Touring
3/4 lift inlet 58°, Ex 196°) equipment

XEO 150 Anti roll bar, competition, front

XEO 152 Low compression piston, 9.875:1

XEO 151 Anti roll bar, competition, rear

XCO 265 Alternative magnesium wheel

Rim diameter 381 mm.

Rim width 223.5 mm.

Nominal track 141.6 cm.

XEO 153 Daytona type exhaust manifolds

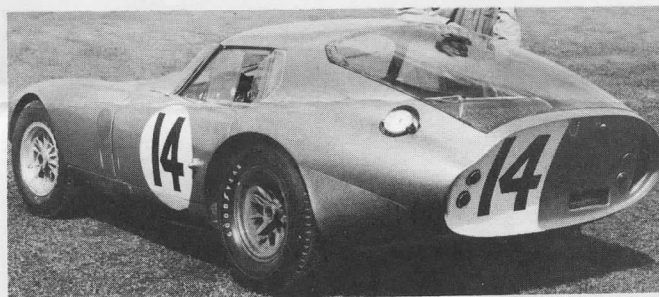
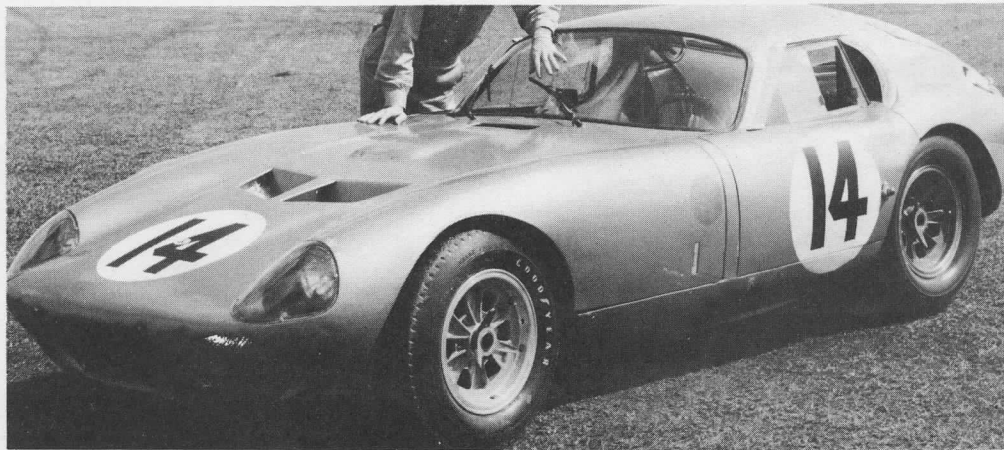
XCO 301 Two reserve electric fuel pumps

FIA STAMP

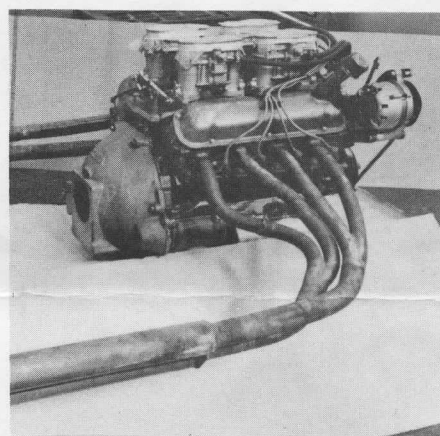
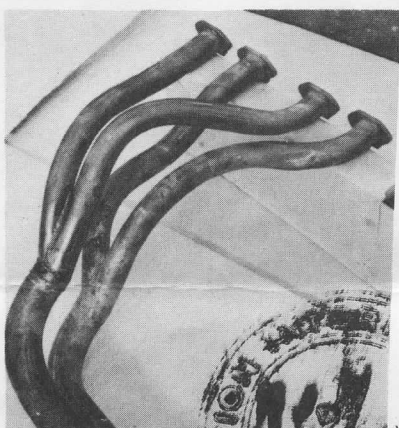
VALIDATED



W. D. W. W. W.
AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA. INC.
107 EAST 38TH STREET
NEW YORK 16, N. Y.



AERODYNAMIC HARDTOP COUPE



XEO 153 DAYTONA TYPE EXHAUST
MANIFOLDS

J. D. [Signature]
AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA. INC.
107 EAST 38TH STREET
NEW YORK 16, N. Y.