AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, F.I.A., INC.
433 MAIN ST.
STAMFORD, CONN. 06901
(203) 348-6233

5248

Federation Internationale de l'Automobile
FORM OF RECOGNITION

In accordance with Appendix "J" of the International Sporting Code

Cylinder capacity 4948.9 cm3 302 in3

Manufacturer Ford Motor Company Model 1969 Mustang 302 Fasback

Serial # Chassis 9 02 100001 Manufacturer Ford

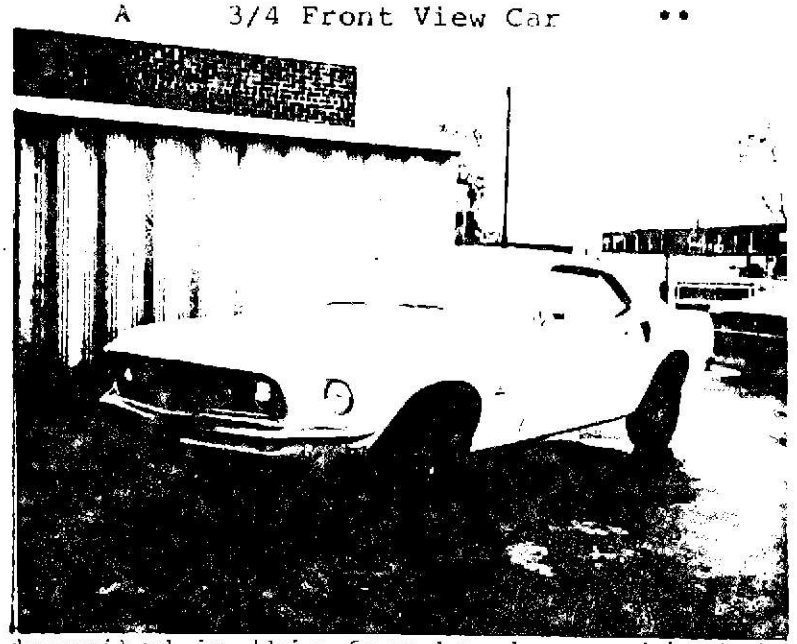
Serial # Engine None Manufacturer Ford

Recognition valid from 1st Jan 1969 List 1969/4

The manufacturing of the model described in this recognition form was started on August 19 and the minimum production of 10,000 identical cars, in accordance with the specifications of this form, was reached on October 18, 1968.

(•) need not be answered for Group II and III cars.
(••) only need to be answered for Group IV cars.

A 3/4 Front View Car ••



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

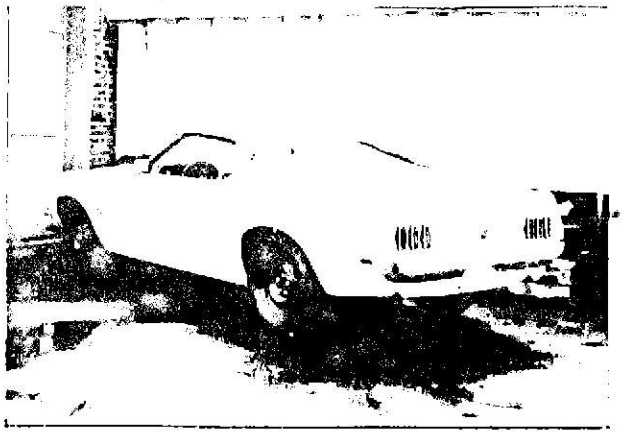
Variants	Normal evolution of the type
on 19 rec # list	on 19 rec # list
on 19 rec # list	on 19 rec # list
on 19 rec # list	on 19 rec # list

Stamp/Signature of
National Sporting Authority

Stamp/Signature
F.I.A.

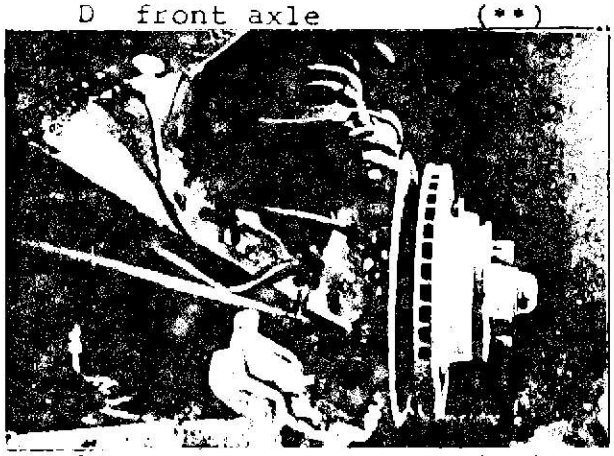
MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 226 V 302 F.B. M GI

B 3/4 rear car (••)



C interior-car (••)

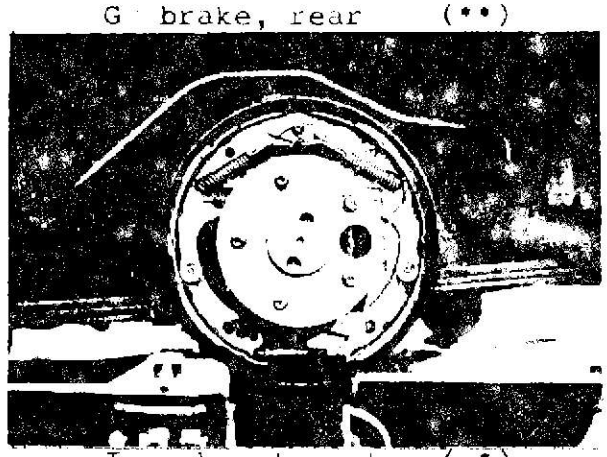
D front axle (••)



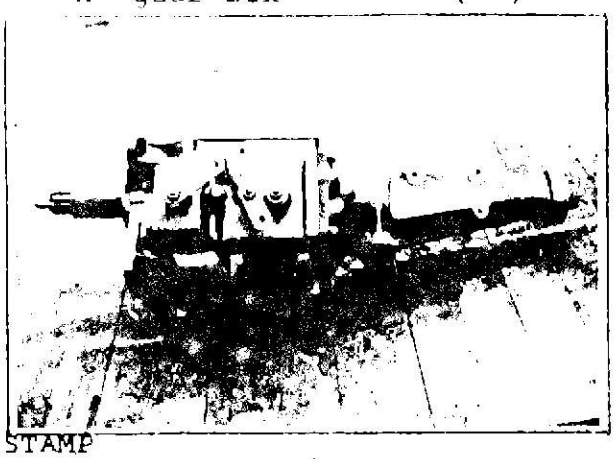
E rear axle (••)

F brake, front (••)

G brake, rear (••)



H gear box (••)



I exhaust system (•)

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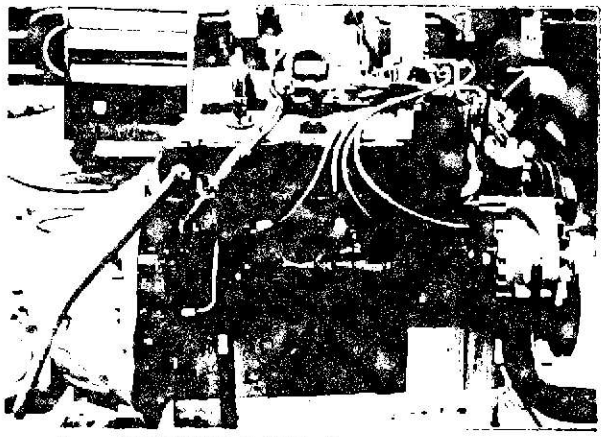
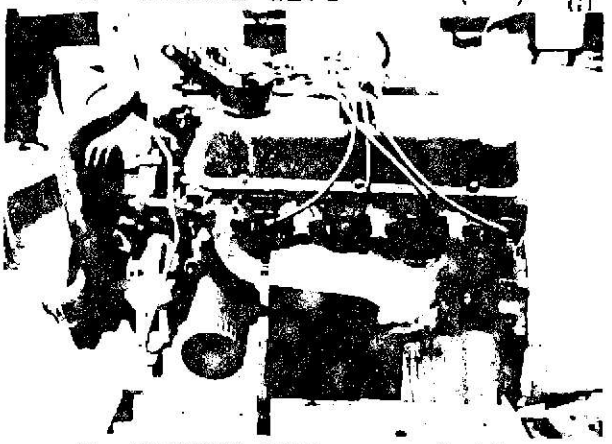
MAKE Ford MODEL 69 Mustang 302 F.B. FIA REC # 5266 M 302 F.B. GT

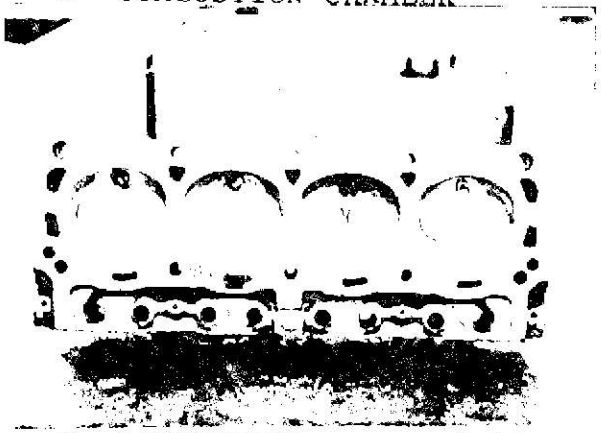
J ENGINE RIGHT (••)



K ENGINE LEFT (••)

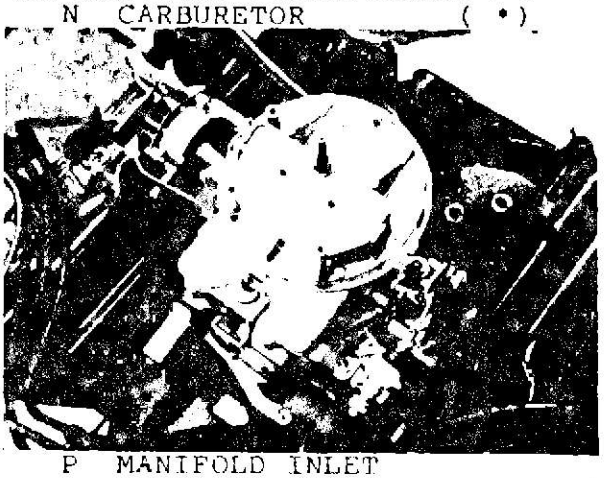


L COMBUSTION CHAMBER

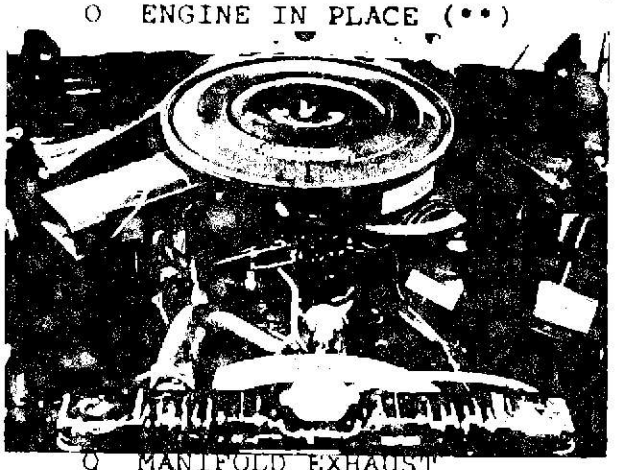


M PISTON TOP (•)

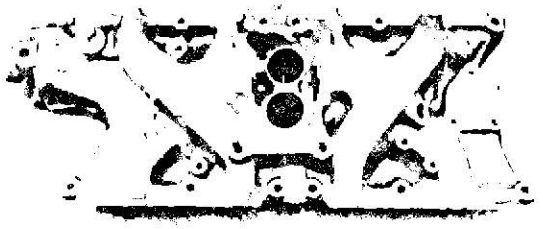
N CARBURETOR (•)



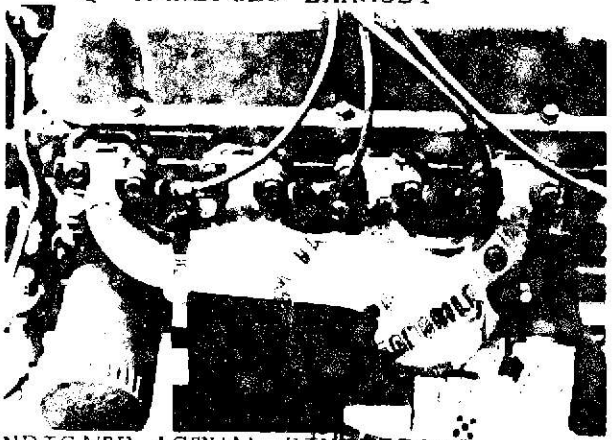
O ENGINE IN PLACE (••)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



Strip out: ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES.

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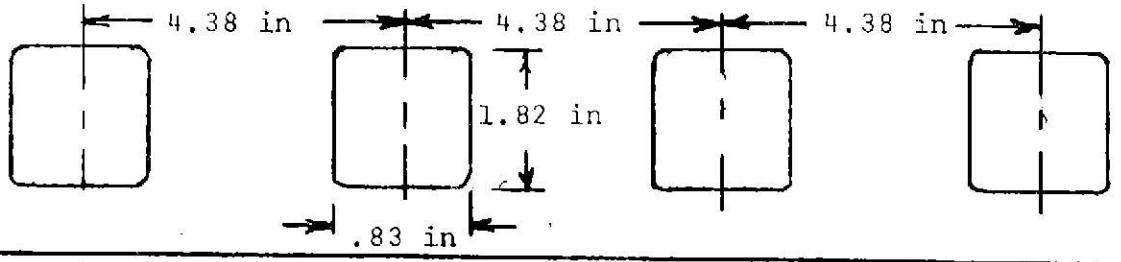
(3)

MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # [illegible]

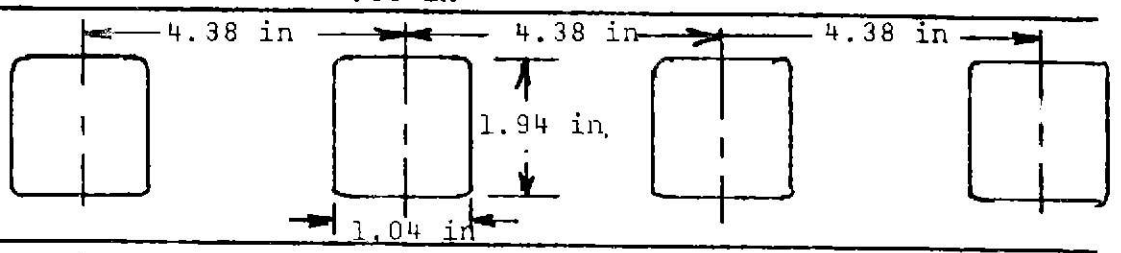
M
302
F.B.
GI

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. ± .04 in. or ± 1.0 mm

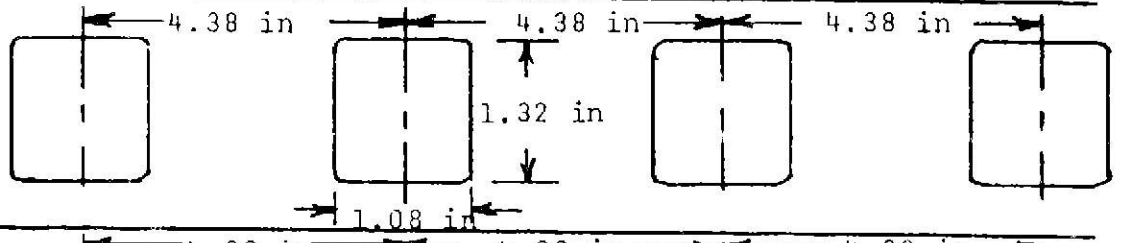
*Inlet Manifold Porting Cyl. Head Face



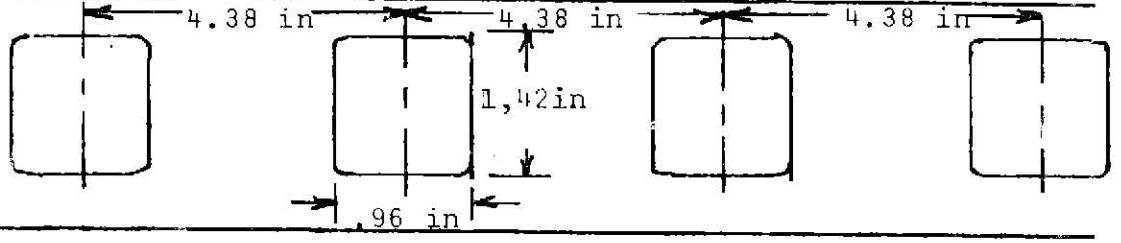
*Cylinder Head Porting Inlet Face



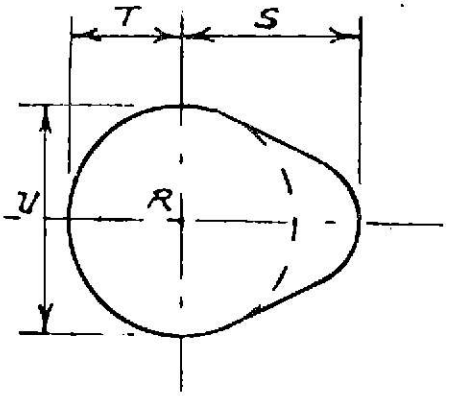
*Exhaust Manifold Porting Cyl. Head Face



*Cylinder Head Porting Exhaust Face



CAM



Inlet cam

S=	24.59	mm	.9698	in
T=	18.82	mm	.741	in
U=	37.64	mm	1.482	in

Exhaust cam

S=	24.83	mm	.9775	in
T=	18.82	mm	.741	in
U=	37.64	mm	1.482	in

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MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # [illegible] M 302 F.B. GI

IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system. See conversion table at index.

CAPACITIES & DIMENSIONS

(**) 1. Wheelbase 2743.2 mm 108.0 in

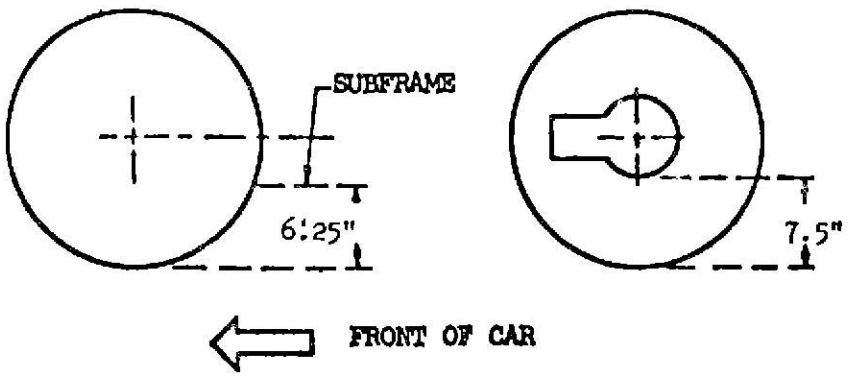
(**) 2. Front track 1498.6 mm 59.0 in + at 0° camber

(**) 3. Rear track 1485.9 mm 58.5 in + 0" toe-in

+ Differences in track resulting from use of optional wheel and rim sizes must be stipulated on recognition application forms. * see note below

Dimensional relationship between track (front and/or rear) and ground clearance resulting from use of optional wheel sizes shall also be stipulated and a sketch illustrating suspension reference points shall be shown below to establish the "reference chassis height." The reference chassis height dimension is to be used only when checking track and shall not affect eligibility of car in any manner.

Sketch, Ground Clearance: Dimensional Suspension & Chassis Reference Points"



*Note: Geometry changes in front suspension will alter track.

4. Overall length of car 477 cm 187.4 in

5. Overall width of car 182.1 cm 71.7 in

6. Overall height of car 128.0 cm 50.4 in

7. Capacity of fuel tank (reserve included) 75.70 ltrs.
20 gallons US 16.66 gallons, Imp.

8. Seating capacity four (4)

(**) 9. Weight - total weight of car with normal equipment, water, oil and spare wheel but without fuel or repair tools.

~~1238~~ 1450 kg ~~2764~~ 3197 lbs

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MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5248 M 302 F.B. GI

CHASSIS & BODYWORK - Photos A, B, C

(**) 20. Chassis/body construction - ~~separate~~/unit construction

(**) 21. Unit construction - material/s Sheet steel

(**) 22. Chassis - material/s Steel separate construction

(**) 23. Body - material/s Steel separate construction

(**) 24. Doors - number two (2) material/s Steel

(**) 25. Hood - material/s Steel

(**) 26. Trunk Lid - material/s Steel

27. Window, Rear - material/s Glass

28. Windshield - material/s Glass

29. Windows, front door - material/s Glass

30. Windows, rear door - material/s None

31. Windows - actuating system Regulator

32. Window, rear quarter - material/s Glass/hinged

ACCESSORIES AND UPHOLSTERY

38. Heating, interior - yes no Optional

39. Air conditioning - yes no Optional

40. Ventilation - yes no

(*) 41. Seats, front - type of seat and upholstery Bucket/vinyl

42. Seats, front - weight (complete with supports & rails out of car) 14.8 kg 32.5 lbs ea.

CHECK: BENCH _____ BUCKET X CONSOLE INCLUDED _____

43. Seats, rear - type of seat and upholstery

44. Bumper, front - material/s steel kg 5.13 lbs 11.3 Weight

45. Bumper, rear - material/s kg 5.76 lbs 12.7 Weight

WHEELS

50. Type Steel

51. Weight (per wheel, without tire) 8.9 kg 19.5 lbs

52. Method of attachment Stud and nut (5)

53. Rim, diameter 356/381 mm 14/15 in

54. Rim, width 152/152 mm 6/6 in

STEERING

60. Type Recirculating ball and nut

61. Servo assistance Optional

62. Number of turns of steering wheel from lock to lock 4.64

63. In case of servo assistance 3.

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(6)

MAKE Ford MODEL 69 Mustang 302 F.B. FIA REC #528.2 M 302 F.B. GI

SUSPENSION

(**)	70.	Suspension, front (photo D) - type	Independent
(**)	71.	Spring - type	Coil
(*)	72.	Stabilizer - if fitted	Yes
	73.	Shock absorbers - number	Two (2)
	74.	Type	Tubular - adjustable
(**)	78.	Suspension, rear (photo E) - type	Live axle
(**)	79.	Spring - type	Leaf
(*)	80.	Stabilizer - if fitted	No
	81.	Shock absorbers - number	Two (2)
	82.	Type	Tubular - adjustable

BRAKES (Photos E and F)

(**)	90.	Method of operation	Hydraulic
(*)	91.	Power assisted (if fitted) - type	Pedal boost
	92.	Master Cylinders - number and type (indicate if duplex master cylinder)	One (1) dual

		Front	Rear
	93. Cylinders - number per wheel	one (1)	one (1)
	94. Cylinders - wheel bore (indicate stepped bore dimensions if applicable)	mm 2.375 in	mm .875 in

Drum Brakes

		Front	Rear
95.	Diameter, inside	mm in254 mm	10.0 in
96.	Linings, length	mm in491.2mm	19.34in
97.	Linings, width	mm in44.4mm	1.75in
98.	Shoes - number per brake	Two (2)	
99.	Area, total - per brake	mm2 in2 21,809.3 mm2	33.84in2

Disc Brakes

100.	Diameter, outside	287.0	mm 11.3 in	mm	in
101.	Thickness of disc	23.81	mm .9375 in	mm	in
102.	Lining - length	124.5	mm 4.9 in	mm	in
103.	Lining - width	52.6	mm 2.07 in	mm	in
104.	Pads - number per brake		Two (2)		
105.	Area, total - per brake	13,097.4	mm2 20.2in2	mm2	in2

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MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5260 F.B. GT

ENGINE (Photos J and K)

(**)	130.	Cycle	two	four	Wankel
(**)	131.	Cylinders - number		eight	
(**)	132.	Cylinders - arrangement	Vee	Wankel - # of elements and basic dimensions	
(**)	133.	Bore	101.6 mm	4.0 in	
(**)	134.	Stroke	76.2 mm	3.0 in	
(**)	135.	Cylinders - capacity	619.4 cm3	37.8 in3	
(**)	136.	Cylinders, total capacity	4948.9 cm3	302 in3	
(**)	137.	Cylinder Block - material/s		Cast iron	
(**)	138.	Sleeves - material/s (if fitted)		None	
(**)	139.	Head, cylinder - material/s	cast iron	number fitted	two (2)
(**)	140.	Port, inlet - number		eight (8)	
(**)	141.	Port, exhaust - number		eight (8)	
(*)	142.	Compression - ratio		9.5:1	
(*)	143.	Combustion chamber - volume	56.7cm3	3.46 in3	
(*)	144.	Piston - material/s	aluminum alloy with steel struts		
(*)	145.	Rings - number	three (3)		
(*)	146.	Distance from gudgeon pin centre line to highest point of piston crown	40.77 mm	1.605 in	
(**)	147.	Crankshaft - cast-forged-mach from solid			
(**)	148.	Crankshaft - type - integral - sectioned - # of sections			
(**)	149.	Crankshaft, main bearings - number	five (5)		
(**)	150.	Bearing cap - material/s	cast iron		
	151.	Lubrication - system - dry sump/oil in sump			
	152.	Lubricant - capacity	4.73 ltrs	pts 5	qts US
(*)	153.	Cooler, oil - yes no			
	154.	Cooling - method	water radiator		
	155.	Cooling - capacity of system	14.76 ltrs	pts	qts US

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MAKE Ford MODEL 69 Mustang 302 F.B. FIA REC # 5208

(*) 156. Fan, cooling (if fitted) - diameter 44.6 cm 17.56 in

(*) 157. Fan, cooling - number of blades 4/5 material/s steel

BEARINGS

(**) 158. Crankshaft, main - type insert diameter 57.11 mm 2.249 in

(**) 159. Connecting rod, big end - type insert diameter 53.93 mm 2.1232 in

WEIGHTS

(*) 160. Flywheel (clean) 9.48 kg 20.9 lbs

(*) 161. Flywheel with clutch (all rotating parts) 18.29 kg 40.73 lbs

(*) 162. Crankshaft 18.64 kg 41.1 lbs

163. Connecting Rod .56 kg 1.24 lbs

(*) 164. Piston with rings & pin .81 kg 1.79 lbs

FOUR CYCLE ENGINES

(**) 170. Camshafts - number one (1) material/s alloy iron

(**) 171. Camshaft - location cylinder block

(**) 172. Camshaft Drive, type chain

(**) 173. Valve operation - type tappet, pushrod, rocker

INLET (See Photo P) (for addtl info re 2 stroke engines and super charged, see page 15)

180. Inlet manifold - materials cast iron

181. Valves (overall) - diameter 45.42 mm 17.88 in

(*) 182. Valve lift - maximum 9.35 mm .368 in

183. Springs, valve - number one (1)

184. Spring - type coil

(**) 185. Valves, per cylinder - number one (1)

(*) 186. Tappet - clearance for checking timing (cold) hydraulic mm in

(*) 187. Valves - open at (with tolerance for tappet clearance indicated) 16° BTC

(*) 188. Valves - close at (with tolerance for tappet clearance indicated) 70° ABC

(*) 189. Air filter - type Dry element

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EXHAUST (See Photo Q)

195.	Manifold, exhaust - material/s			Cast iron	
196.	Valves (overall) - diameter	37.01	mm	1.457	in
197.	Valve, lift - maximum	9.65	mm	.380	in
198.	Valve Springs/valve - number			one (1)	
199.	Springs - type			Coil	
(**) 200.	Valves - number per cylinder			one (1)	
(*) 201.	Tappet - clearance for checking timing (cold)		mm	in	hydraulic
(*) 202.	Valves - open at (with tolerance for tappet clearance indicated)				44° BBC
(*) 203.	Valves - close at (with tolerance for tappet clearance indicated)				20° ATC

CARBURETION (See Photo N)

210.	Carburetors, fitted - number			one (1)	
211.	Type			downflow	
(*) 212.	Make			Ford G.P.D.	
(*) 213.	Model			2100	
214.	Carburetors - number of mixture passages			Two (2)	
(*) 215.	Carburetor - flange hole diameter of exit port	39.67	mm	1.562	in
216.	Venturi - throat diameter+	27.43	mm	1.08	in

INJECTION

220.	Pump - make				
221.	Plungers - number				
(*) 222.	Pump - model			None Fitted	
223.	Injectors - location				
224.	Injectors - total number				
(*) 225.	Inlet pipe - minimum diameter		mm		in

+ For variable throat type carburetors, indicate minimum lift of shutter mechanism such as pistons in S.U.

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MAKE Ford MODEL '69 Mustang 302 FB FIA REC # 5244 M 302 F.B. GI

ENGINE ACCESSORIES

(*) 230. Pump, fuel - mechanical and/or electrical

231. Number fitted one (1) each two (2) total

232. Ignition system - type battery and coil

233. Distributors - number one (1)

234. Coils, ignition - number one (1)

235. Spark plugs - number per cylinder one (1)

236. Generator (or Alternator) - number fitted one (1)

237. Drive - method belt

238. Voltage, generator - volts 12.8

239. Battery - number one (1)

240. Location engine compartment or trunk

241. Voltage - volts 12 amp hrs 45

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

(*) 250. Horsepower - maximum engine output 220 at 4600 rpm S.A.E. (indicate SAE or DIN)

(*) 251. RPM - maximum 4600 output at that figure 220 S.A.E.

(*) 252. Torque - maximum 300 at 2600 rpm

(*) 253. Speed - maximum km/hour miles/hour

DRIVE TRAIN

Clutch

260. Type dry plate

261. Plates - number of driven one (1)

262. Plates - diameter 25.4 cm 10.0 in

263. Linings - diameter - inside 17.15cm 6.75 in

Linings - diameter - outside 25.4 cm 10.0 in

264. Method of operation Mechanical

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MAKE Ford MODEL '69 Mustang 302 FIA REC # 5248 M 302 T.B. GI

Gear Box (Photo H)

(**) 270. Manual type - make Ford

(**) 271. Ratios, forward - number four (4)

272. Ratios, forward - number synchronized four (4)

273. Gear-Shift - location floor optional

(**) 274. Automatic - make Ford type hydraulic with planetary gears and torque convertor

(**) 275. Ratios, forward - number three (3)

276. Gear-Shift - location floor

277.	Manual Ratio	Manual # Teeth	Automatic Ratio	Automatic # Teeth	Alternative manual/automatic Ratio	Alternative manual/automatic # Teeth	Ratio	# Teeth
1	2.78	23/30 32/15	2.46	Torque convertor maximum ratio at stall 2.02:1	2.32	23/25 32/15		
2	1.93	23/30 31/21	1.46		1.69	23/25 28/18		
3	1.36	23/30 25/24	1.00		1.29	23/25 25/21		
4	1.00	Direct			1.00	Direct		
5								
6								
reverse	2.78		2.20		2.32			

278. Overdrive - type none fitted

279. Forward gears on which overdrive can be selected

280. Overdrive - ratio

FINAL DRIVE

(**) 290. Type Hypoid, semi-floating, straddle mounted pinion

(**) 291. Differential - type Locking - by ratchet or friction

(**) 292. Limited Slip Differential (if fitted) - type ≠ positive locking by ratchet or friction

293. Ratio	3.25	3.50	3.70	3.91	4.11	4.30
Teeth - number	39/12	35/10	37/10	43/11	37/9	43/10

(≠) Specify friction or positive locking type

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MAKE FORD MODEL '69 Mustang 302 F.B. FIA REC # 5218 M 302 F.B. G1

IMPORTANT

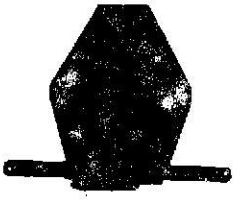
The conformity of the car with the following items of the present recognition form is to be disregarded during the technical inspection when the vehicle has been entered in Group II (Touring Cars) or III (Grand Touring Cars):
41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 186, 187, 188, 189, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, 255, photos I, M, N & items on page 5 as indicated.

During the technical inspection of cars entered in Group IV (Sports Cars) 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 & photos A, B, D, E, F, G, H, J, K, O.

Optional equipment affecting preceding information:

CATALOGUE PART NUMBER MUST BE GIVEN

S7MS-6675-B	Sump Guard
C9ZF-90646	Hood Scoop Package - Die Cast
C9ZB-16C664-A	Hood Scoop Package - Fiberglass



Sump Guard

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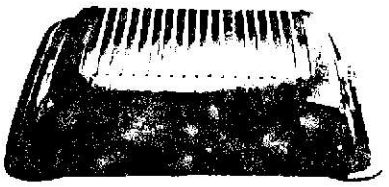
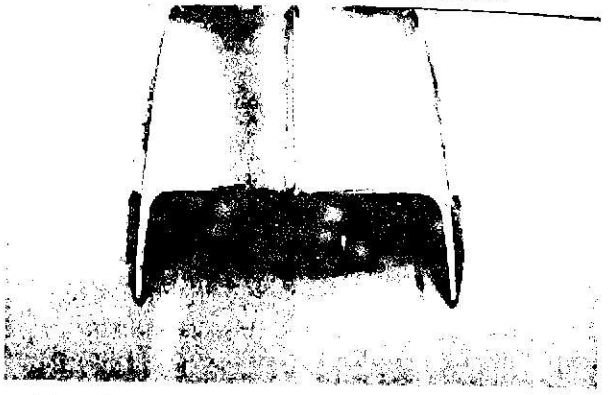
MAKE FORD MODEL '69 Mustang 302 F.B. FIA REC # 5248

M
302
F.B.
G1

Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

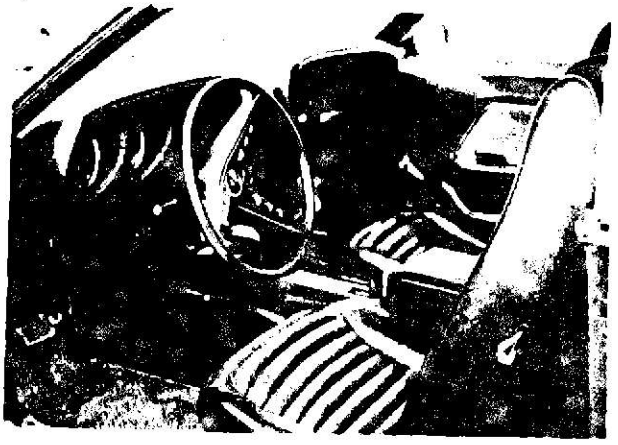


Hood Scoop Package - Die Cast



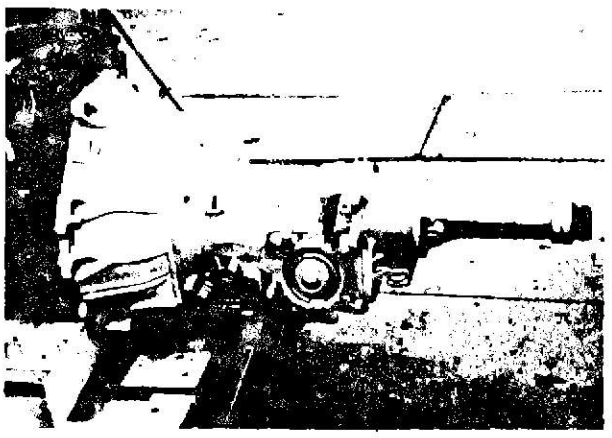
Hood Scoop Package - Fiberglass

Interior with Automatic Shift



Deluxe Interior

STAMP



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Automatic Gearbox Photo "H"

interdit l'installation de réservoirs souples, peuvent continuer à participer aux épreuves automobiles internationales à condition qu'elles remplissent leur réservoir d'essence avec de la mousse synthétique répondant aux normes américaines Mil-B-83054 - baffle material.

Groupe 5/1972

La participation des voitures en groupe 5 ne sera pas sujette en 1972 à la présentation d'une fiche d'homologation.

Eléments de Carrosserie allégés

A partir du 1.1.1972, l'homologation comme variante de tout élément de carrosserie allégé tel que portière, capot moteur ou capot de coffre en fibre de verre, glaces latérales et lunette AR en plexiglas, sera interdite.

A partir de cette date, toute homologation existante d'un tel équipement sera annulée.

*

* *

- POIDS DES VOITURES HOMOLOGUEES

La C.S.I. a procédé à un réajustement du poids de base de certaines voitures homologuées en Tourisme ou Grand Tourisme après avoir informé les A.S.N. et les constructeurs concernés.

A la suite des opérations de contrôle, le poids de 29 modèles a été modifié par rapport au poids indiqué sur la fiche d'homologation. Lors des vérifications techniques, les Commissaires devront s'assurer que le poids des véhicules qui leur sont soumis, est au moins égal aux chiffres donnés ci-dessous et qui figurent dans leur majorité dans l'Annuaire 1971 du Sport Automobile.

ALFA ROMEO	N° 1576	1750 GTAM	970 kg
ALPINE	N° 585	A110 - 1300	685 kg
B M W	N° 5331	2002 TI	920 kg
CHEVROLET	N° 5310	CAMARO 350	1520 kg
CHEVROLET	N° 523	CORVETTE STINGRAY	1370 kg
FORD WK	N° 5240/5241	P7/20 M	1100 kg
	N° 5298	CAPRI 2.3L	950 kg
	N° 1584	P7 2600 S	1150 kg
FORD Mo.Co.	N° 5176	CORTINA LOTUS	835 kg
	N° 5211	ESCORT GT	770 kg
	N° 5302	CAPRI 2000	920 kg
	N° 1524	TWIN CAM	790 kg

January 71 M513

FORD MUSTANG	N° 5248	FB 302	1450 kg
	N° 5249	FB 351	1485 kg
	N° 5250	FB 428	1565 kg
	N° 5251	H.T. 302	1345 kg
	N° 5252	H.T. 351	1485 kg
	N° 5253	H.T. 428	1565 kg
	N° 5273	Boss 302	1450 kg
LANCIA	N° 3002	Fulvia Rallye 1.3.	880 kg
	N° 3006	Fulvia 1.6 HF	830 kg
	N° 3020	Fulvia 1.3 S	880 kg
	N° 3024	Fulvia 1.3 HF	810 kg
	N° 3031	Fulvia Sport 1.3	850 kg
MERCURY	N° 5274	Cougar 351	1525 kg
TOYO KOGYO	N° 5316	1800 Luce	1025 kg
	N° 5349	1200 STA	755 kg
	N° 1541	M10A Rotary	850 kg
VAUXHALL	N° 1533	Viva GT	930 kg

BP/DS

5248

Telephone: (203) 348-6233

Cable Address: "ACCUSFIA" Stamford, Conn.

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.

433 MAIN STREET, STAMFORD, CONN. 06901

Federation Internationale de l'Automobile

STANDARD CERTIFICATE OF PRODUCTION

In accordance with Appendix "J" of the International Sporting Code

Name of Manufacturer Ford Motor Company

Make of Car Ford **Model** 1969 Mustang 302 Fastback

We certify that 5,000 **cars identical with the basic specification, as well as** 5,000 **cars as modified by the listed optional equipment (when required by Appendix "J"), were completed as of** October 18, 1968.

Cars conforming to this specification may be identified by chassis numbers 9 02 100001, **and engine numbers** None.

Signed:

J. H. Passino, Manager
Special Vehicles Activity
Product Development Group

F. A. Hernandez
Stock Vehicles Department
Special Vehicles Activity

Certified:

ACOUS, FIA, Inc.

Telephone: (203) 348-6233

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J. H. Passino, Manager
Special Vehicles Activity
Product Development Group

F. A. Hernandez
Stock Vehicles Department
Special Vehicles Activity

Certified:

ACCUS, FIA, Inc.

Telephone (202) 833-9133

Cable Address: "ACCUSFIA" Washington, D.C.
Telex: 89-428 ACCUS WSH

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.

[redacted]
Suite 1204, 1701 K St. N.W., Washington, D.C. 20006

August 7, 1980

CERTIFICATION OF HOMOLOGATION

This will certify that the FIA Homologation Recognition Document which is attached to this letter is an exact and true copy of the master Document stamped by the FIA on file at the office of the Automobile Competition Committee for the United States, FIA, Inc.

To be valid, this letter should be impressed with the embossed seal of ACCUS, FIA superimposed over the FIA number of the Homologation Document it certifies. Furthermore, each page of the Homologation Document should be stamped with the blue rubber logo of ACCUS, FIA.

We will appreciate this certified copy being accepted as a true FIA Stamped Recognition Document by race organizers and other interested parties.

Sincerely,

Marcie Kay
Executive Manager

MK:sc

This certificate valid for
FIA No. 5248 ONLY

6/17/74

AUTOMOBILE COMPETITION COMMITTEE
FOR THE UNITED STATES, FIA, INC.
433 MAIN ST.
STAMFORD, CONN. 06901
(203) 348-6233

5248

Federation Internationale de l'Automobile
FORM OF RECOGNITION

In accordance with Appendix "J" of the International Sporting Code

Cylinder capacity 4948.9 cm3 302 in3

Manufacturer Ford Motor Company Model 1969 Mustang 302 Fasback

Serial # Chassis 9 02 100001 Manufacturer Ford

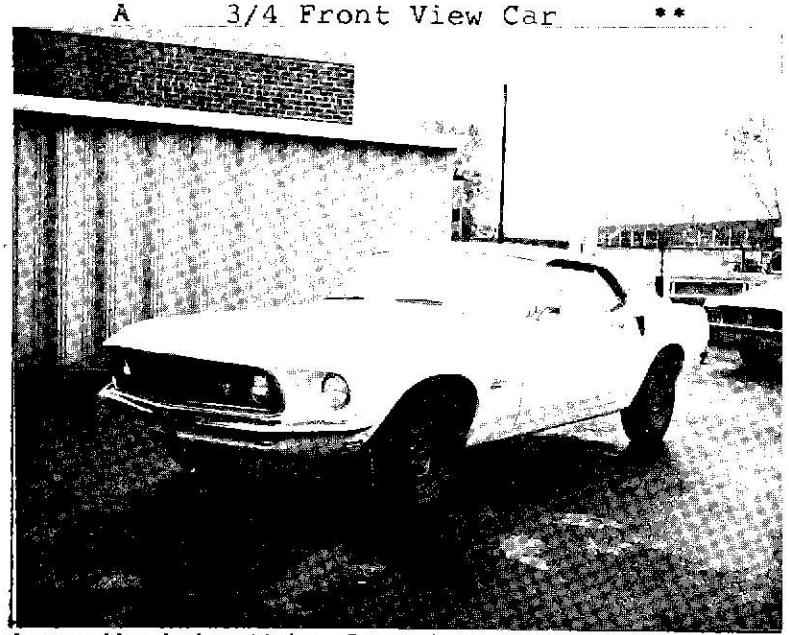
Serial # Engine None Manufacturer Ford

Recognition valid from 1st Jan. 1969 List 1969/1

The manufacturing of the model described in this recognition form was started on August 19 and the minimum production of 10,000 identical cars, in accordance with the specifications of this form, was reached on October 18, 1968.

(*) need not be answered for Group II and III cars.
(**) only need to be answered for Group IV cars.

A 3/4 Front View Car **



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

Variants	Normal evolution of the type
on 19 rec # list	on 19 rec # list
on 19 rec # list	on 19 rec # list
on 19 rec # list	on 19 rec # list

Stamp/Signature of
National Sporting Authority

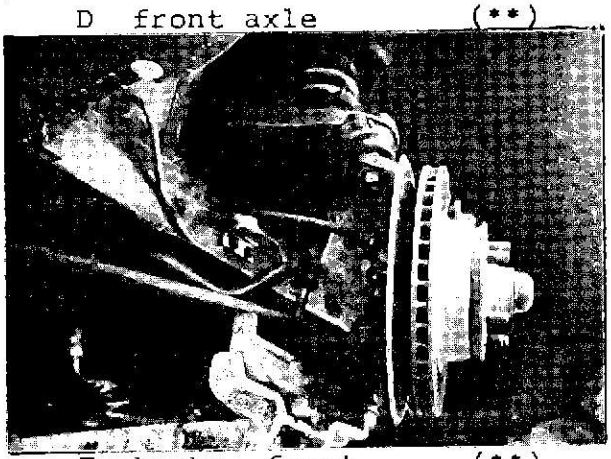
Stamp/Signature
F.I.A.

MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5247 M 302 F.B. GI

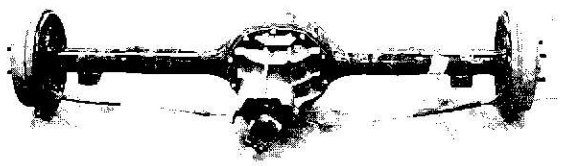
B 3/4 rear car (**)

C interior-car (**)

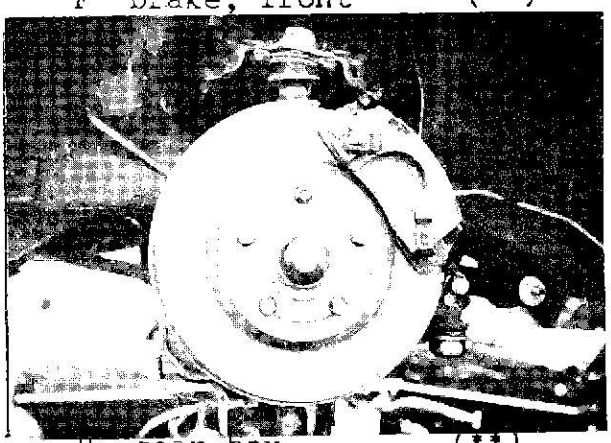
D front axle (**)



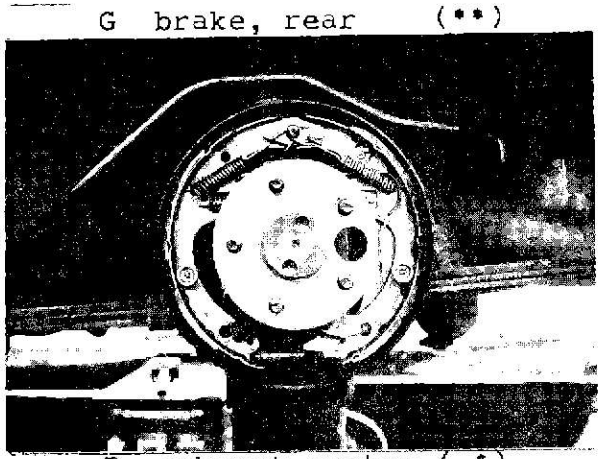
E rear axle (**)



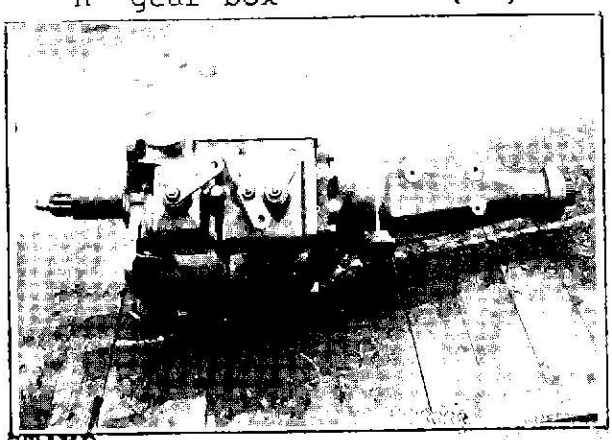
F brake, front (**)



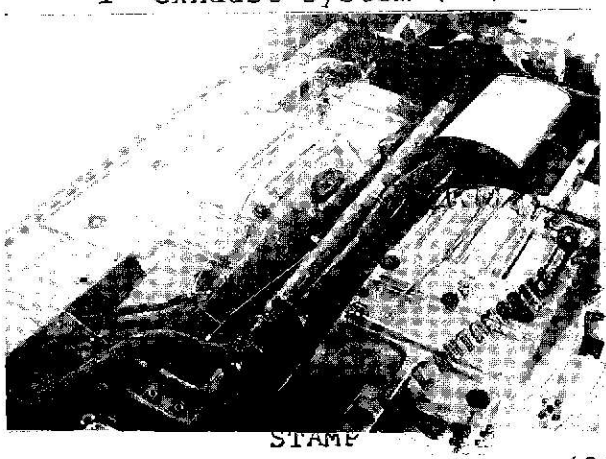
G brake, rear (**)



H gear box (**)



I exhaust system (*)



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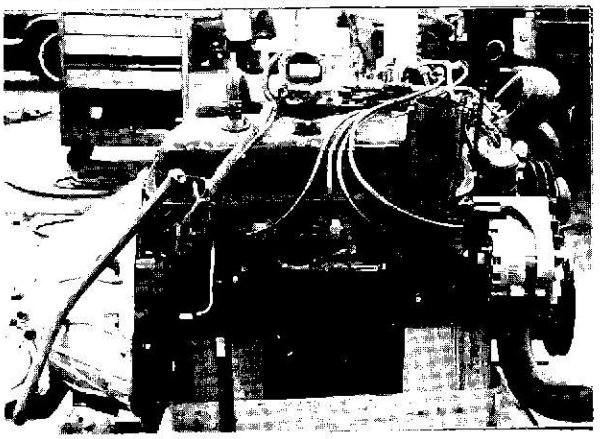
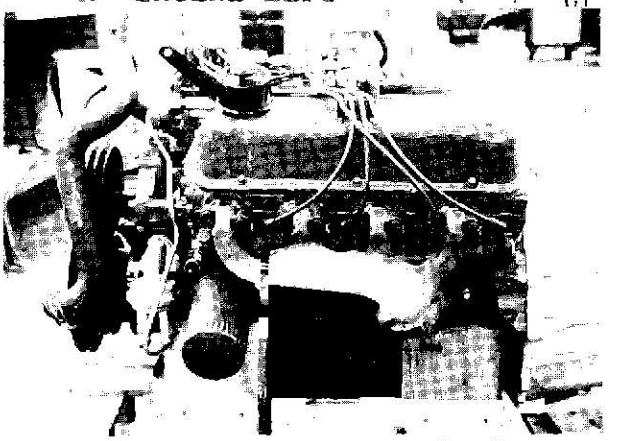
(2)

MAKE Ford MODEL 69 Mustang 302 F.B. FIA REC # 5248 M 302 F.B. GT

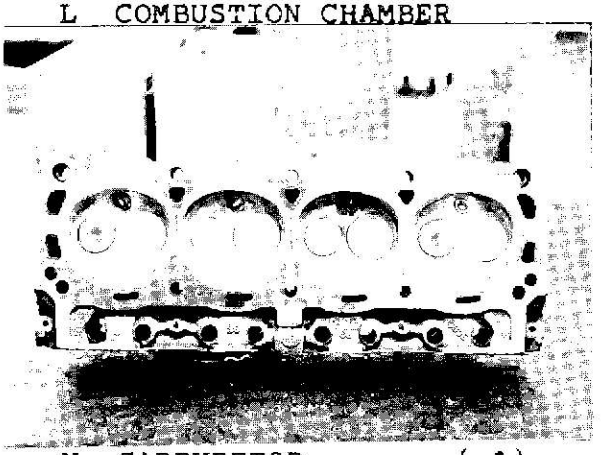
J ENGINE RIGHT (**)



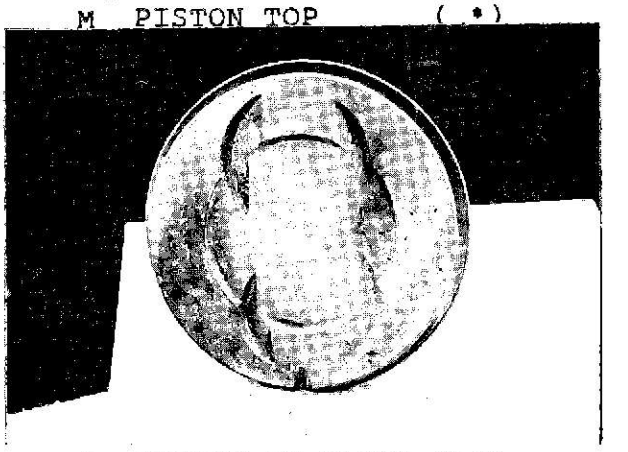
K ENGINE LEFT (**)



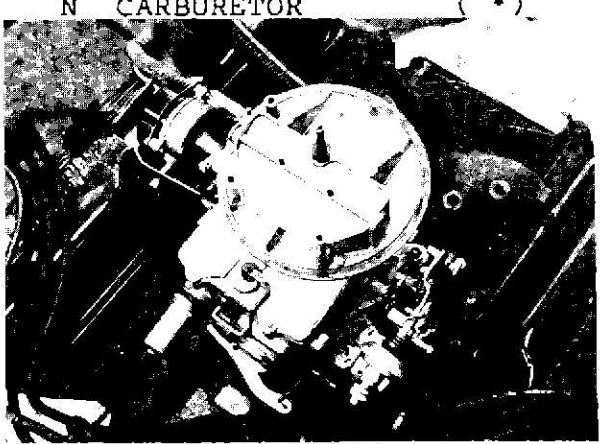
L COMBUSTION CHAMBER



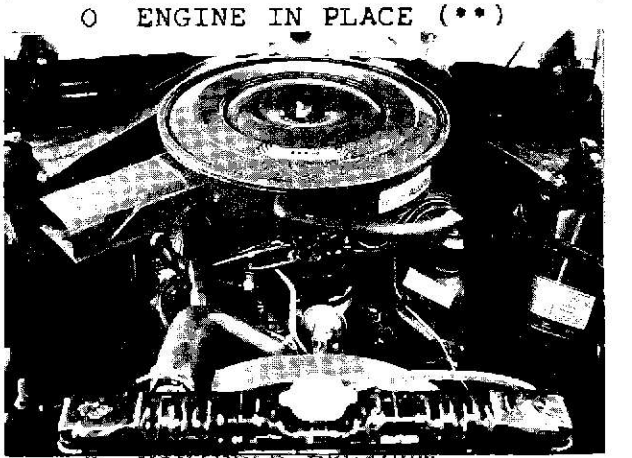
M PISTON TOP (*)



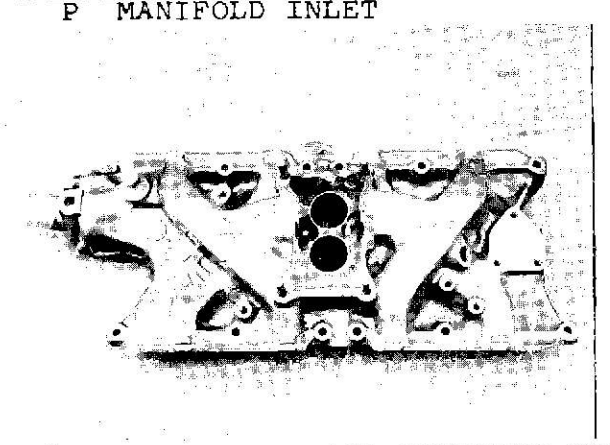
N CARBURETOR (*)



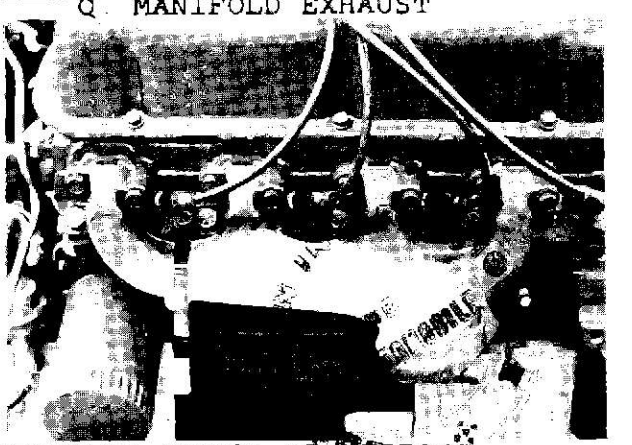
O ENGINE IN PLACE (**)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



Strip out: ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES.

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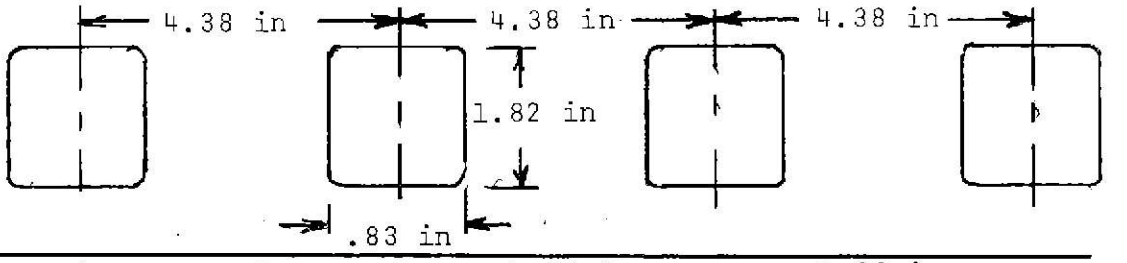
(3)

MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5248

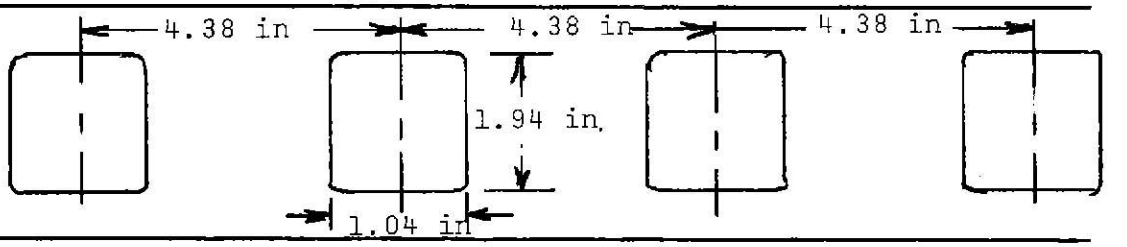
M
302
F.B.
GI

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. ± .04 in. or ± 1.0 mm

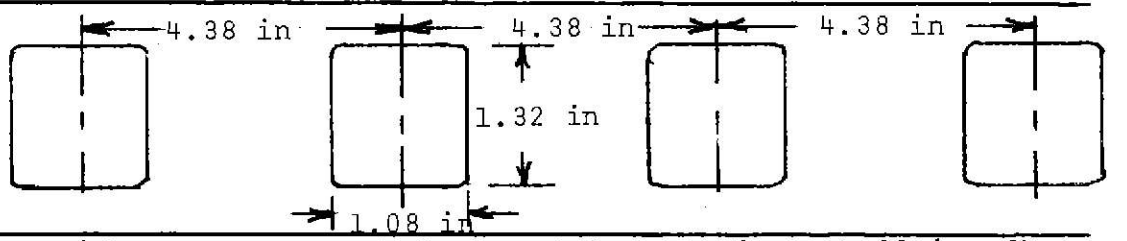
***Inlet Manifold Porting Cyl. Head Face**



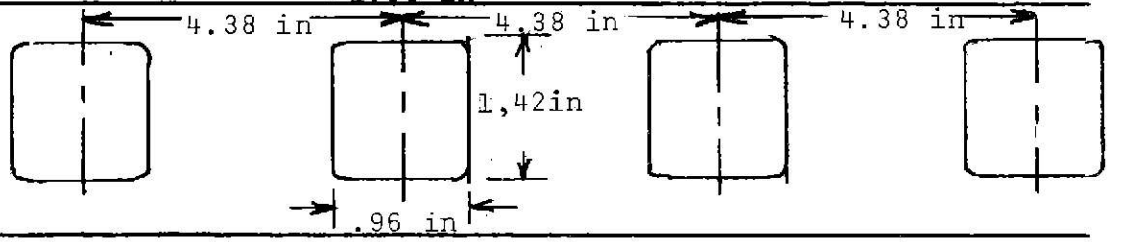
***Cylinder Head Porting Inlet Face**



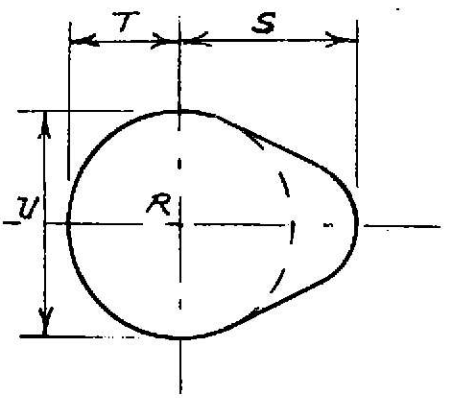
***Exhaust Manifold Porting Cyl. Head Face**



***Cylinder Head Porting Exhaust Face**



CAM



Inlet cam

S=	24.59	mm	.9698	in
T=	18.82	mm	.741	in
U=	37.64	mm	1.482	in

Exhaust cam

S=	24.83	mm	.9775	in
T=	18.82	mm	.741	in
U=	37.64	mm	1.482	in

STAMP

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MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5248

IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system. See conversion table at index.

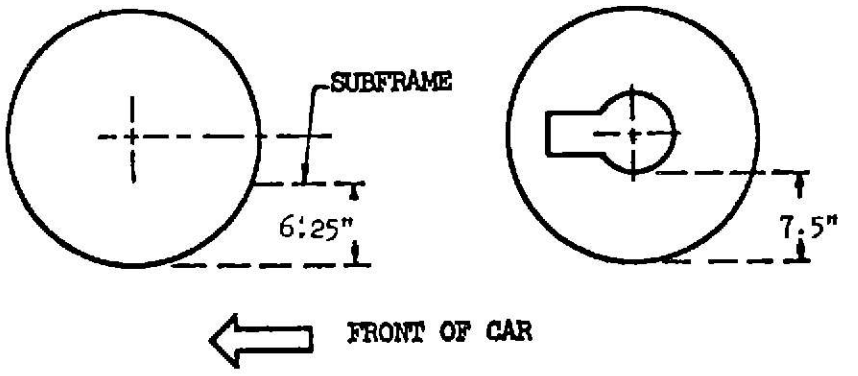
CAPACITIES & DIMENSIONS

(**) 1.	Wheelbase	2743.2	mm	108.0	in
(**) 2.	Front track	1498.6	mm	59.0	in + at 0° camber
(**) 3.	Rear track	1485.9	mm	58.5	in + 0" toe-in

+ Differences in track resulting from use of optional wheel and rim sizes must be stipulated on recognition application forms. * see note below

Dimensional relationship between track (front and/or rear) and ground clearance resulting from use of optional wheel sizes shall also be stipulated and a sketch illustrating suspension reference points shall be shown below to establish the "reference chassis height." The reference chassis height dimension is to be used only when checking track and shall not affect eligibility of car in any manner.

Sketch, Ground Clearance: Dimensional Suspension & Chassis Reference Points"



*Note: Geometry changes in front suspension will alter track.

4.	Overall length of car	477	cm	187.4	in
5.	Overall width of car	182.1	cm	71.7	in
6.	Overall height of car	128.0	cm	50.4	in

7. Capacity of fuel tank (reserve included) 75.70 ltrs.
20 gallons US 16.66 gallons, Imp.

8. Seating capacity four (4)

(**) 9. Weight - total weight of car with normal equipment, water, oil and spare wheel but without fuel or repair tools.

~~1238~~ kg ~~2764~~ lbs
1450 3197

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(5)

MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5248 M 302 F.B. GI

CHASSIS & BODYWORK - Photos A, B, C

(**)	20.	Chassis/body construction - ~~separate~~/unit construction	
(**)	21.	Unit construction - material/s	Sheet steel
(**)	22.	Chassis - material/s Steel	separate construction
(**)	23.	Body - material/s Steel	separate construction
(**)	24.	Doors - number two (2) material/s	Steel
(**)	25.	Hood - material/s	Steel
(**)	26.	Trunk Lid - material/s	Steel
	27.	Window, Rear - material/s	Glass
	28.	Windshield - material/s	Glass
	29.	Windows, front door - material/s	Glass
	30.	Windows, rear door - material/s	None
	31.	Windows - actuating system	Regulator
	32.	Window, rear quarter - material/s	Glass/hinged

ACCESSORIES AND UPHOLSTERY

	38.	Heating, interior - yes no	Optional
	39.	Air conditioning - yes no	Optional
	40.	Ventilation - yes no	
(*)	41.	Seats, front - type of seat and upholstery	Bucket/vinyl
	42.	Seats, front - weight (complete with supports & rails out of car) 14.8 kg	32.5 lbs ea.
		CHECK: BENCH_____ BUCKET X CONSOLE INCLUDED_____	
	43.	Seats, rear - type of seat and upholstery	
	44.	Bumper, front - material/s steel kg 5.13 lbs 11.3	Weight
	45.	Bumper, rear - material/s kg 5.76 lbs 12.7	Weight

WHEELS

	50.	Type	Steel
	51.	Weight (per wheel, without tire) 8.9 kg	19.5 lbs
	52.	Method of attachment	Stud and nut (5)
	53.	Rim, diameter 356/381 mm	14/15 in
	54.	Rim, width 152/152 mm	6/6 in

STEERING

	60.	Type	Recirculating ball and nut
	61.	Servo assistance	Optional
	62.	Number of turns of steering wheel from lock to lock	3.64
	63.	In case of servo assistance	

STAMP

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MAKE Ford MODEL 69 Mustang 302 F.B. FIA REC #524 M 302 F.B. GI

SUSPENSION

(**)	70.	Suspension, front (photo D) - type	Independent
(**)	71.	Spring - type	Coil
(*)	72.	Stabilizer - if fitted	Yes
	73.	Shock absorbers - number	Two (2)
	74.	Type	Tubular - adjustable
(**)	78.	Suspension, rear (photo E) - type	Live axle
(**)	79.	Spring - type	Leaf
(*)	80.	Stabilizer - if fitted	No
	81.	Shock absorbers - number	Two (2)
	82.	Type	Tubular - adjustable

BRAKES (Photos E and F)

(**)	90.	Method of operation	Hydraulic
(*)	91.	Power assisted (if fitted) - type	Pedal boost
	92.	Master Cylinders - number and type (indicate if duplex master cylinder)	One (1) dual

		Front	Rear
93.	Cylinders - number per wheel	one (1)	one (1)
94.	Cylinders - wheel bore (indicate stepped bore dimensions if applicable)	mm 2.375 in	mm .875 in

Drum Brakes

		Front	Rear
95.	Diameter, inside	mm in254	mm 10.0 in
96.	Linings, length	mm in491.2	mm 19.34 in
97.	Linings, width	mm in44.4	mm 1.75 in
98.	Shoes - number per brake	Two (2)	
99.	Area, total - per brake	mm2 in2 21,809.3	mm2 33.84 in2

Disc Brakes

100.	Diameter, outside	287.0	mm 11.3 in		mm	in
101.	Thickness of disc	23.81	mm .9375 in		mm	in
102.	Lining - length	124.5	mm 4.9 in		mm	in
103.	Lining - width	52.6	mm 2.07 in		mm	in
104.	Pads - number per brake		Two (2)			
105.	Area, total - per brake	13,097.4	mm2 20.2 in2		mm2	in2

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M
302

MAKE Ford MODEL '69 Mustang 302 F.B. FIA REC # 5249 F.B.
GI

ENGINE (Photos J and K)

(**) 130. Cycle two four Wankel

(**) 131. Cylinders - number eight

(**) 132. Cylinders - arrangement Vee Wankel - # of elements and basic dimensions

(**) 133. Bore 101.6 mm 4.0 in

(**) 134. Stroke 76.2 mm 3.0 in

(**) 135. Cylinders - capacity 619.4 cm3 37.8 in3

(**) 136. Cylinders, total capacity 4948.9 cm3 302 in3

(**) 137. Cylinder Block - material/s Cast iron

(**) 138. Sleeves - material/s (if fitted) None

(**) 139. Head, cylinder - material/s cast iron number fitted two (2)

(**) 140. Port, inlet - number eight (8)

(**) 141. Port, exhaust - number eight (8)

(*) 142. Compression - ratio 9.5:1

(*) 143. Combustion chamber - volume 56.7cm3 3.46 in3

(*) 144. Piston - material/s aluminum alloy with steel struts

(*) 145. Rings - number three (3)

(*) 146. Distance from gudgeon pin centre line to highest point of piston crown 40.77 mm 1.605 in

(**) 147. Crankshaft - cast-forged-mach from solid

(**) 148. Crankshaft - type - integral - sectioned - # of sections

(**) 149. Crankshaft, main bearings - number five (5)

(**) 150. Bearing cap - material/s cast iron

151. Lubrication - system - dry sump/oil in sump

152. Lubricant - capacity 4.73 ltrs pts 5 qts US

(*) 153. Cooler, oil - yes no

154. Cooling - method water radiator

155. Cooling - capacity of system 14.76 ltrs pts qts US

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MAKE Ford MODEL 69 Mustang 302 F.B. FIA REC # 5248

(*) 156. Fan, cooling (if fitted) - diameter 44.6 cm 17.56 in

(*) 157. Fan, cooling - number of blades 4/5 material/s steel

BEARINGS

(**) 158. Crankshaft, main - type insert diameter 57.11 mm 2.249 in

(**) 159. Connecting rod, big end - type insert diameter 53.93 mm 2.1232 in

WEIGHTS

(*) 160. Flywheel (clean) 9.48 kg 20.9 lbs

(*) 161. Flywheel with clutch (all rotating parts) 18.29 kg 40.73 lbs

(*) 162. Crankshaft 18.64 kg 41.1 lbs

163. Connecting Rod .56 kg 1.24 lbs

(*) 164. Piston with rings & pin .81 kg 1.79 lbs

FOUR CYCLE ENGINES

(**) 170. Camshafts - number one (1) material/s alloy iron

(**) 171. Camshaft - location cylinder block

(**) 172. Camshaft Drive, type chain

(**) 173. Valve operation - type tappet, pushrod, rocker

INLET (See Photo P) (for addtl info re 2 stroke engines and super charged, see page 15)

180. Inlet manifold - materials cast iron

181. Valves (overall) - diameter 45.42 mm 17.88 in

(*) 182. Valve lift - maximum 9.35 mm .368 in

183. Springs, valve - number one (1)

184. Spring - type coil

(**) 185. Valves, per cylinder - number one (1)

(*) 186. Tappet - clearance for checking timing (cold) hydraulic mm in

(*) 187. Valves - open at (with tolerance for tappet clearance indicated) 16° BTC

(*) 188. Valves - close at (with tolerance for tappet clearance indicated) 70° ABC

(*) 189. Air filter - type Dry element

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EXHAUST (See Photo Q)

195.	Manifold, exhaust - material/s			Cast iron	
196.	Valves (overall) - diameter	37.01	mm	1.457	in
197.	Valve, lift - maximum	9.65	mm	.380	in
198.	Valve Springs/valve - number			one (1)	
199.	Springs - type			Coil	
(**) 200.	Valves - number per cylinder			one (1)	
(*) 201.	Tappet - clearance for checking timing (cold)		mm	in	hydraulic
(*) 202.	Valves - open at (with tolerance for tappet clearance indicated)				44° BBC
(*) 203.	Valves - close at (with tolerance for tappet clearance indicated)				20° ATC

CARBURETION (See Photo N)

210.	Carburetors, fitted - number			one (1)	
211.	Type			downflow	
(*) 212.	Make			Ford G.P.D.	
(*) 213.	Model			2100	
214.	Carburetors - number of mixture passages			Two (2)	
(*) 215.	Carburetor - flange hole diameter of exit port	39.67	mm	1.562	in
216.	Venturi - throat diameter+	27.43	mm	1.08	in

INJECTION

220.	Pump - make				
221.	Plungers - number				
(*) 222.	Pump - model			None Fitted	
223.	Injectors - location				
224.	Injectors - total number				
(*) 225.	Inlet pipe - minimum diameter		mm		in

+ For variable throat type carburetors, indicate minimum lift of shutter mechanism such as pistons in S.U.

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ENGINE ACCESSORIES

(*) 230. Pump, fuel - mechanical and/or electrical

231. Number fitted one (1) each two (2) total

232. Ignition system - type battery and coil

233. Distributors - number one (1)

234. Coils, ignition - number one (1)

235. Spark plugs - number per cylinder one (1)

236. Generator (or Alternator) - number fitted one (1)

237. Drive - method belt

238. Voltage, generator - volts 12.8

239. Battery - number one (1)

240. Location engine compartment or trunk

241. Voltage - volts 12 amp hrs 45

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

(*) 250. Horsepower - maximum engine output 220 at 4600 rpm S.A.E. (indicate SAE or DIN)

(*) 251. RPM - maximum 4600 output at that figure 220 S.A.E.

(*) 252. Torque - maximum 300 at 2600 rpm

(*) 253. Speed - maximum km/hour miles/hour

DRIVE TRAIN

Clutch

260. Type dry plate

261. Plates - number of driven one (1)

262. Plates - diameter 25.4 cm 10.0 in

263. Linings - diameter - inside 17.15 cm 6.75 in

Linings - diameter - outside 25.4 cm 10.0 in

264. Method of operation Mechanical

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MAKE Ford MODEL '69 Mustang 302 FBIA REC # 5208

Gear Box (Photo H)

(**) 270. Manual type - make Ford

(**) 271. Ratios, forward - number four (4)

272. Ratios, forward - number synchronized four (4)

273. Gear-Shift - location floor optional

(**) 274. Automatic - make Ford type hydraulic with planetary gears and torque convertor

(**) 275. Ratios, forward - number three (3)

276. Gear-Shift - location floor

277.	Manual Ratio	Manual # Teeth	Automatic Ratio	Automatic # Teeth	Alternative manual/automatic Ratio	Alternative manual/automatic # Teeth	Ratio	# Teeth
1	2.78	23/30 32/15	2.46	Torque convertor maximum ratio at stall 2.02:1	2.32	23/25 32/15		
2	1.93	23/30 31/21	1.46		1.69	23/25 28/18		
3	1.36	23/30 25/24	1.00		1.29	23/25 25/21		
4	1.00	Direct			1.00	Direct		
5								
6								
reverse	2.78		2.20		2.32			

278. Overdrive - type none fitted

279. Forward gears on which overdrive can be selected

280. Overdrive - ratio

FINAL DRIVE

(**) 290. Type Hypoid, semi-floating, straddle mounted pinion

(**) 291. Differential - type Locking - by ratchet or friction

(**) 292. Limited Slip Differential (if fitted) - type ≠ positive locking by ratchet or friction

293. Ratio 3.25 3.50 3.70 3.91 4.11 4.30

Teeth - number 39/12 35/10 37/10 43/11 37/9 43/10

(≠) Specify friction or positive locking type

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MAKE FORD MODEL '69 Mustang 302 F.B. FIA REC # 5268

M
302
F.B.
G1

IMPORTANT

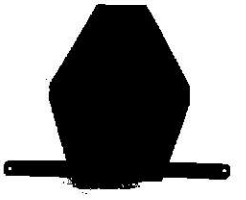
The conformity of the car with the following items of the present recognition form is to be disregarded during the technical inspection when the vehicle has been entered in Group II (Touring Cars) or III (Grand Touring Cars):
41, 72, 80, 91, 142, 143, 144, 145, 146, 153, 156, 157, 160, 161, 162, 163, 164, 182, 186, 187, 188, 189, 201, 202, 203, 212, 213, 215, 216, 222, 225, 230, 250, 251, 252, 253, 255, photos I, M, N & items on page 5 as indicated.

During the technical inspection of cars entered in Group IV (Sports Cars) 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 & photos A, B, D, E, F, G, H, J, K, O.

Optional equipment affecting preceding information:

CATALOGUE PART NUMBER MUST BE GIVEN

S7MS-6675-B	Sump Guard
C9ZF-90646	Hood Scoop Package - Die Cast
C9ZB-16C664-A	Hood Scoop Package - Fiberglass



Sump Guard

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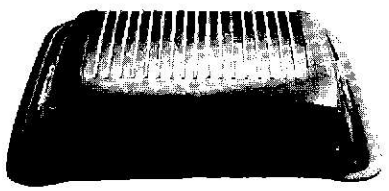
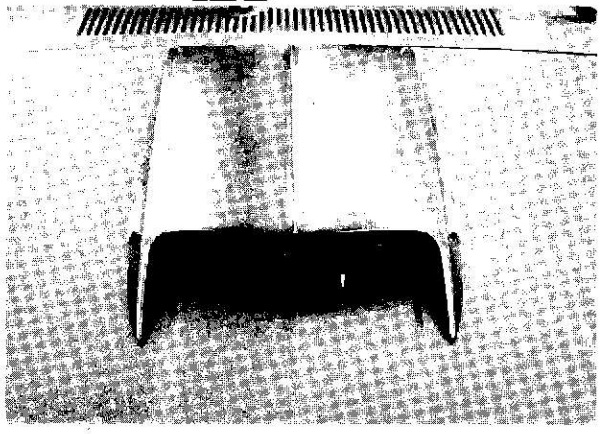
MAKE FORD MODEL '69 Mustang 302 F.B. FIA REC # 524.8 M 302 F.B. G1

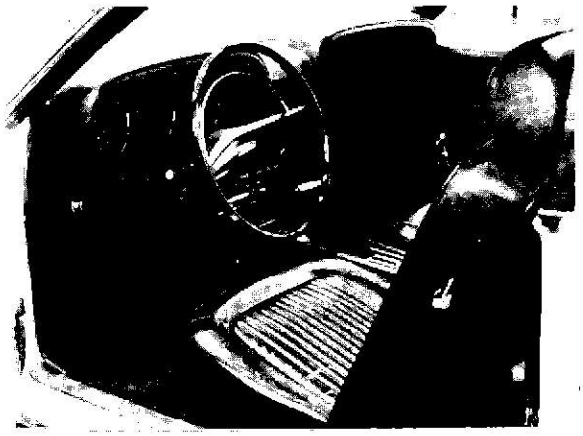
Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



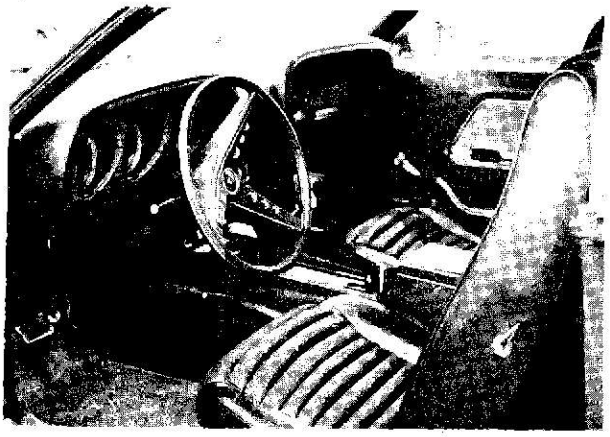
Hood Scoop Package - Die Cast



Hood Scoop Package - Fiberglass



Interior with Automatic Shift



Deluxe Interior

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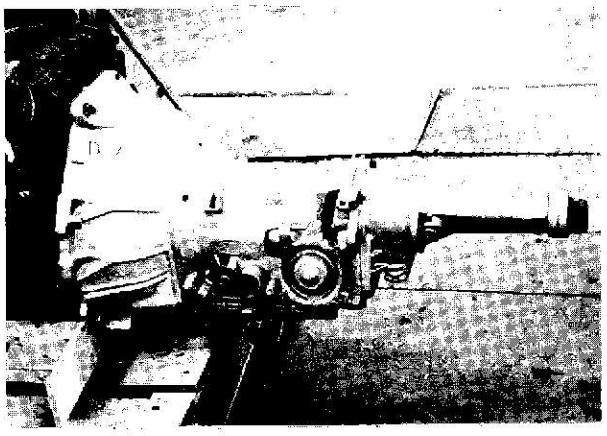

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Automatic Gearbox Photo "H"

interdit l'installation de réservoirs souples, peuvent continuer à participer aux épreuves automobiles internationales à condition qu'elles remplissent leur réservoir d'essence avec de la mousse synthétique répondant aux normes américaines Mil-B-83054 - baffle material.

Groupe 5/1972

La participation des voitures en groupe 5 ne sera pas sujette en 1972 à la présentation d'une fiche d'homologation.

Eléments de Carrosserie allégés

A partir du 1.1.1972, l'homologation comme variante de tout élément de carrosserie allégé tel que portière, capot moteur ou capot de coffre en fibre de verre, glaces latérales et lunette AR en plexiglas, sera interdite.

A partir de cette date, toute homologation existante d'un tel équipement sera annulée.

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- POIDS DES VOITURES HOMOLOGUEES

La C.S.I. a procédé à un réajustement du poids de base de certaines voitures homologuées en Tourisme ou Grand Tourisme après avoir informé les A.S.N. et les constructeurs concernés.

A la suite des opérations de contrôle, le poids de 29 modèles a été modifié par rapport au poids indiqué sur la fiche d'homologation. Lors des vérifications techniques, les Commissaires devront s'assurer que le poids des véhicules qui leur sont soumis, est au moins égal aux chiffres donnés ci-dessous et qui figurent dans leur majorité dans l'Annuaire 1971 du Sport Automobile.

ALFA ROMEO	N° 1576	1750 GTAM	970 kg
ALPINE	N° 585	A110 - 1300	685 kg
B M W	N° 5331	2002 TI	920 kg
CHEVROLET	N° 5310	CAMARO 350	1520 kg
CHEVROLET	N° 523	CORVETTE STINGRAY	1370 kg
FORD WK	N° 5240/5241	P7/20 M	1100 kg
	N° 5298	CAPRI 2.3L	950 kg
	N° 1584	P7 2600 S	1150 kg
FORD Mo.Co.	N° 5176	CORTINA LOTUS	835 kg
	N° 5211	ESCORT GT	770 kg
	N° 5302	CAPRI 2000	920 kg
	N° 1524	TWIN CAM	790 kg

FORD MUSTANG	N° 5248	FB 302	1450 kg
	N° 5249	FB 351	1485 kg
	N° 5250	FB 428	1565 kg
	N° 5251	H.T. 302	1345 kg
	N° 5252	H.T. 351	1485 kg
	N° 5253	H.T. 428	1565 kg
	N° 5273	Boss 302	1450 kg
LANCIA	N° 3002	Fulvia Rallye 1.3.	880 kg
	N° 3006	Fulvia 1.6 HF	830 kg
	N° 3020	Fulvia 1.3 S	880 kg
	N° 3024	Fulvia 1.3 HF	810 kg
	N° 3031	Fulvia Sport 1.3	850 kg
MERCURY	N° 5274	Cougar 351	1525 kg
TOYO KOGYO	N° 5316	1800 Luce	1025 kg
	N° 5349	1200 STA	755 kg
	N° 1541	M10A Rotary	850 kg
VAUXHALL	N° 1533	Viva GT	930 kg

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BP/DS