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

M
427
G II

1511
Touring

Federation Internationale de l'Automobile
FORM OF RECOGNITION

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

Cylinder capacity 6982.4 cm3 426.1 in3

Manufacturer Ford Motor Company Model 1968 Mustang

Serial # Chassis 8F01Q100001 Manufacturer Ford

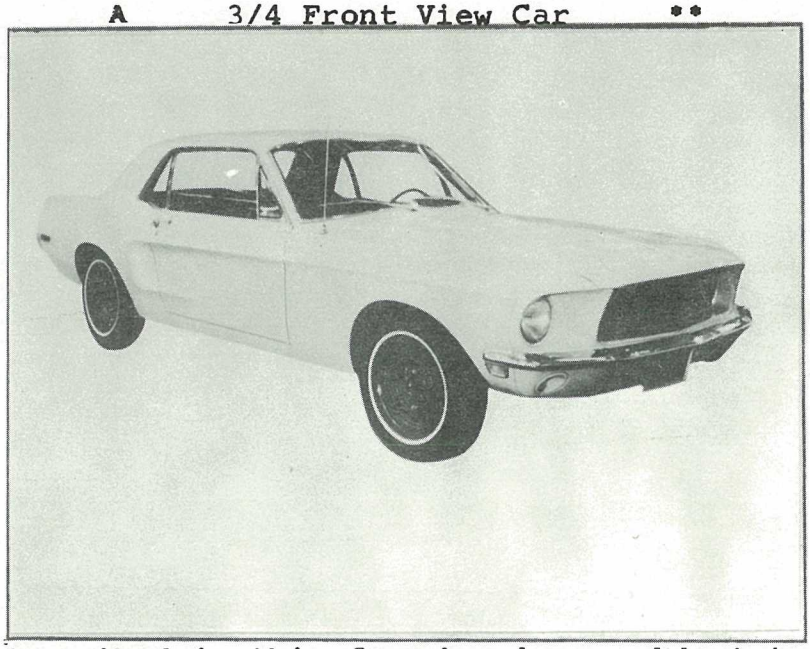
Serial # Engine None Manufacturer Ford

Recognition valid from 1st Jan. 1968 List 1968/1

The manufacturing of the model described in this recognition form was started on August 23, 1967 and the minimum production of 1,000 identical cars, in accordance with the specifications of this form, was reached on November 30, 1967.

(*) 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

John V. Oliveau

JOHN V. OLIVEAU
TECHNICAL DIRECTOR
ACCUS, F.I.A. INC.

Stamp/Signature
F.I.A.

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

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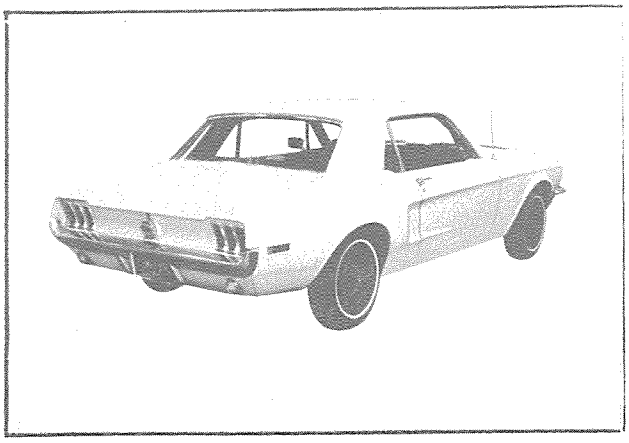
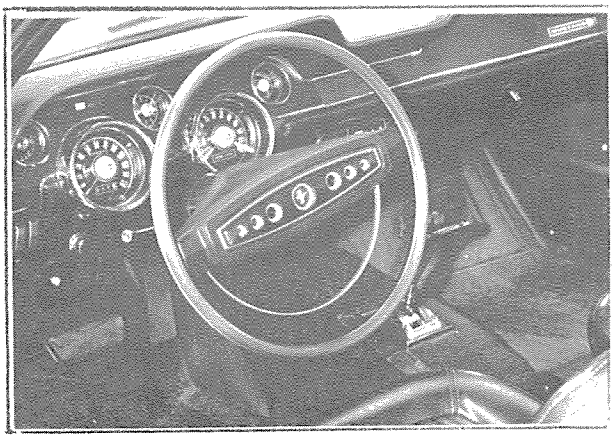
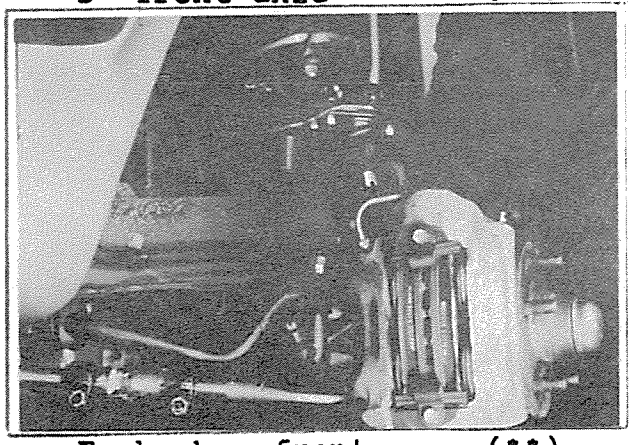
B 3/4 rear car (**)



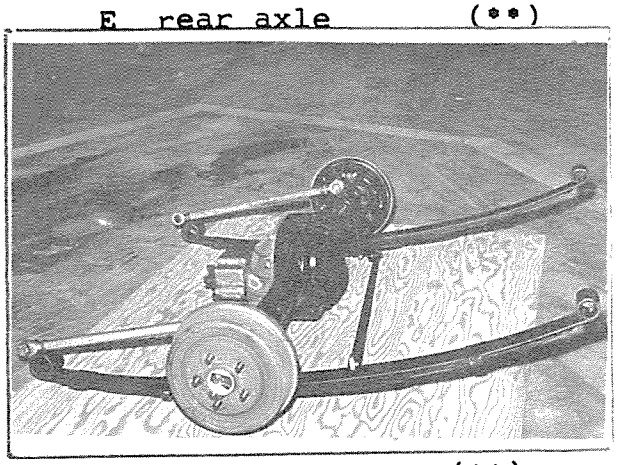
C interior-car (**)



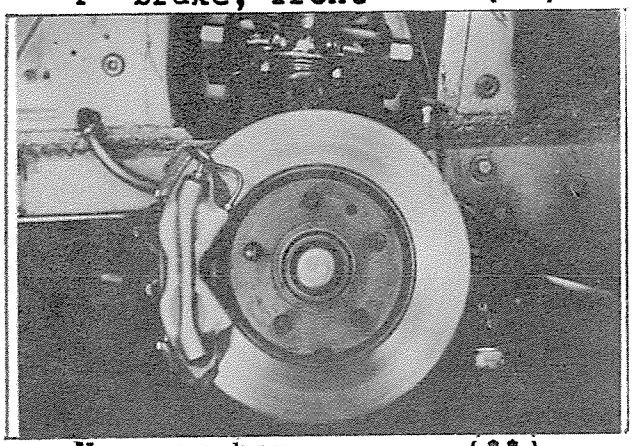
D front axle (**)



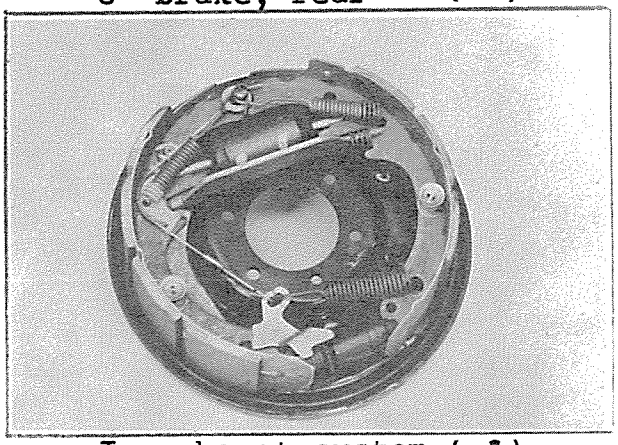
E rear axle (**)



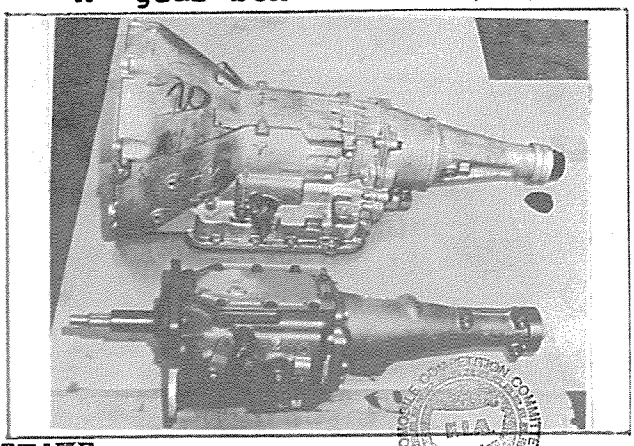
F brake, front (**)



G brake, rear (**)



H gear box (**)



I exhaust system (*)

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(2)

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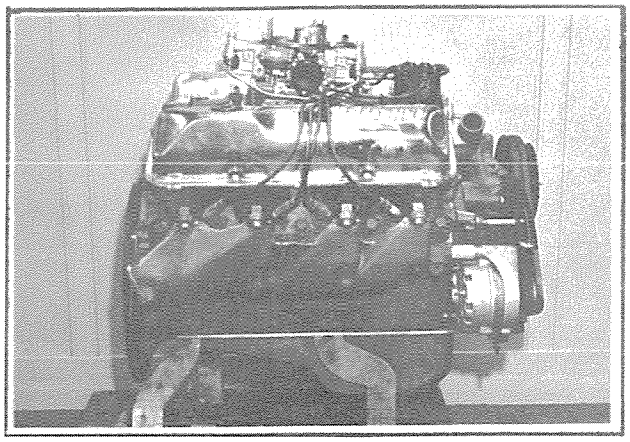
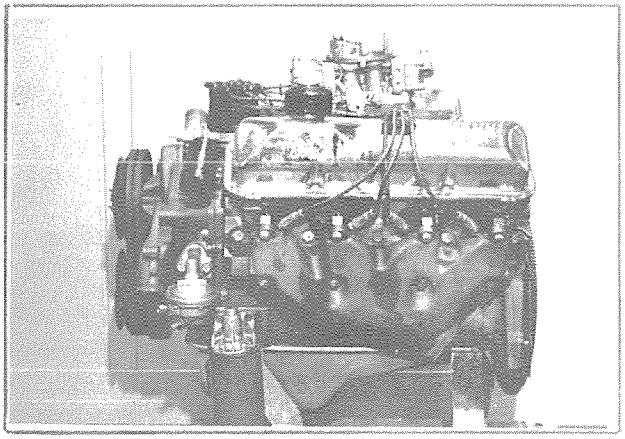
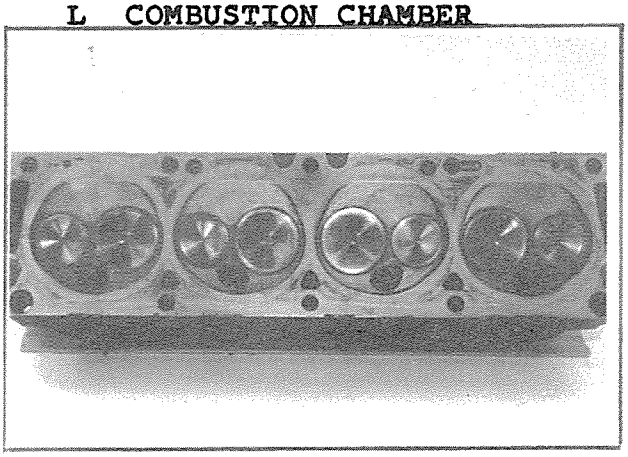
J ENGINE RIGHT (**)



K ENGINE LEFT (**)



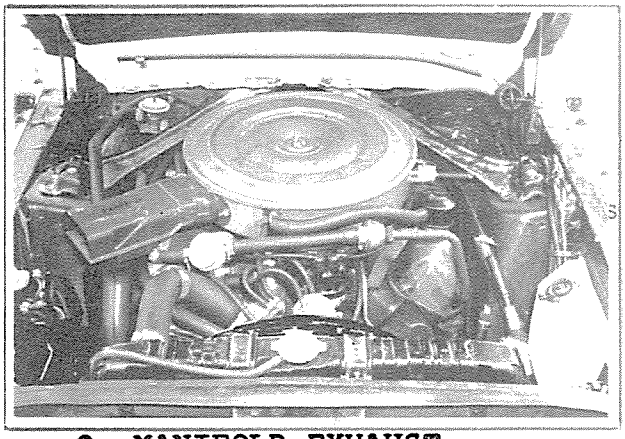
L COMBUSTION CHAMBER



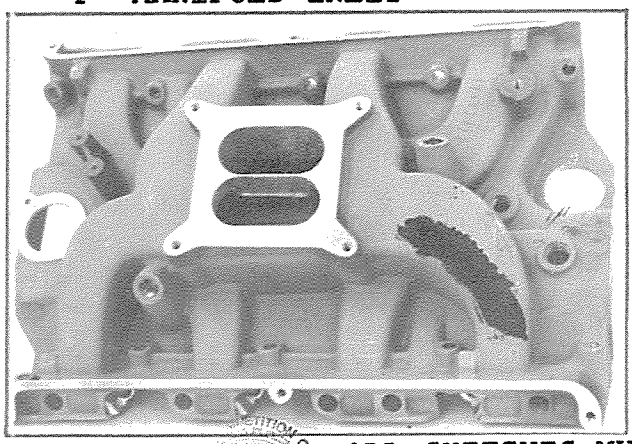
M PISTON TOP (*)

N CARBURETOR (*)

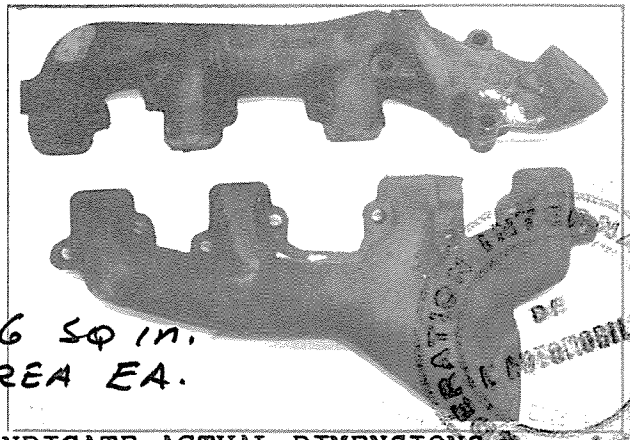
O ENGINE IN PLACE (**)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



4.6 SQ IN.
AREA EA.

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

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

*Inlet
Manifold
Porting
Cyl.
Head
Face

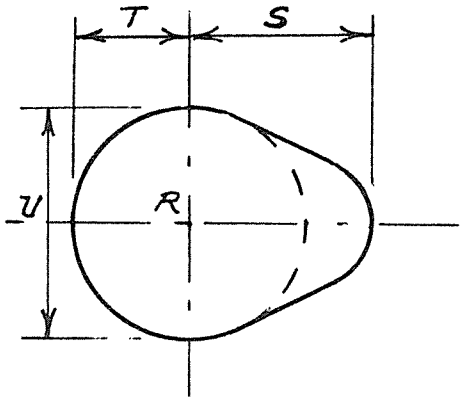
*Cylinder
Head
Porting
Inlet
Face

INFORMATION ON THIS PAGE DOES NOT APPLY TO GROUP II CARS

*Exhaust
Manifold
Porting
Cyl. Head
Face

*Cylinder
Head
Porting
Exhaust
Face

CAM



Inlet cam		
S=	mm	in
T=	mm	in
U=	mm	in

Exhaust cam		
S=	mm	in
T=	mm	in
U=	mm	in

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MAKE Ford MODEL 1968 Mustang 427 FIA REC # 1511 M 427 G II

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.

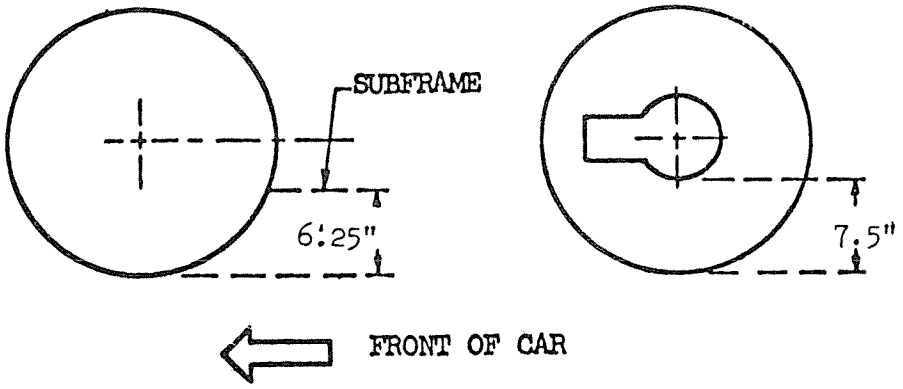
CAPACITIES & DIMENSIONS

(**) 1.	Wheelbase	2743.2	mm	108	in	
(**) 2.	Front track - with 7" rims	1526.5	mm	60.1	in	+at 0° camber - 0" toe-in
(**) 3.	Rear track - with 7" rims	1518.9	mm	59.8	in	+

+ Differences in track resulting from use of optional wheel and rim sizes must be stipulated on recognition application forms. (For track with other wheels, see option page) * 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	466.34	cm	183.6	in	
5.	Overall width of car	181.1	cm	71.3	in	
6.	Overall height of car	131.064	cm	51.6	in	
7.	Capacity of fuel tank (reserve included) 37/34/17 gallons US					140/128.7/64.3 trs. 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.	1351	kg	2987	lbs	

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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 DNA
31. Windows - actuating system Regulator
32. Window, rear quarter - material/s Glass

ACCESSORIES AND UPHOLSTERY

38. Heating, interior - yes no
39. Air conditioning - yes no
40. Ventilation - yes no
(•) 41. Seats, front - type of seat and upholstery Bucket - Vinyl
42. Seats, front - weight 14.8 kg 32.5 lbs EA
(complete with supports & rails out of car) ~~kg lbs~~
CHECK: BENCH _____ BUCKET X CONSOLE INCLUDED _____
43. Seats, rear - type of seat and upholstery Bench - Vinyl
44. Bumper, front - material/s Steel kg 4.07 lbs 9 Weight
45. Bumper, rear - material/s Steel kg 6.33 lbs 14 Weight

WHEELS

50. Type Steel or Magnesium
51. Weight (per wheel, without tire) 5.9 kg 13 lbs
52. Method of attachment Stud and nut (five)
53. Rim, diameter 381 mm 15 in
54. Rim, width 178/203 mm 7/8 in

STEERING

60. Type Recirculating Ball and Nut
61. Servo assistance DNA
62. Number of turns of steering wheel from lock to lock 3.7
63. In case of servo assistance DNA

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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	Sway bar/Traction bars/Panhard Rod
	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	DNA
	92.	Master Cylinders - number and type (indicate if duplex master cylinder)	One - dual

		Front	Rear
	93. Cylinders - number per wheel	4	1 or 4 (option)
	94. Cylinders - wheel bore (indicate stepped bore dimensions if applicable)	49.2 mm 1.937 in	23 mm .906 in or 41.3mm 1.625 in.

Drum Brakes	Front	Rear
95. Diameter, inside	mm in	254mm 10 in
96. Linings, length	mm in	495mm 19.5in
97. Linings, width	mm in	63.5mm 2.5in
98. Shoes - number per brake		Two (2)
99. Area, total - per brake	mm2 in2/	31,454 mm2 48.75in2

Disc Brakes			(option)
100. Diameter, outside	303.8 mm 11.96in	287mm 11.3in	
101. Thickness of disc	31.8 mm 1.25 in	20.3mm .8 in	
102. Lining - length	136.1 mm 5.36 in	123mm 4.875in	
103. Lining - width	48.3 mm 1.90 in	45.97mm 1.81in	
104. Pads - number per brake	Two (2)	Two (2)	
105. Area, total - per brake	13,147.3 mm2 20.36in2 /	mm2 17.65in2 12,214	

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ENGINE (Photos J and K)

(**)	130.	Cycle	two	four		Wankel
(**)	131.	Cylinders - number	Eight (8)			
(**)	132.	Cylinders - arrangement	vee	Wankel - # of elements and basic dimensions		
(**)	133.	Bore	107.56	mm	4.23	in
(**)	134.	Stroke	96.11	mm	3.78	in
(**)	135.	Cylinders - capacity	872.8	cm3	53.26	in3
(**)	136.	Cylinders, total capacity	6982.4	cm3	426.1	in3
(**)	137.	Cylinder Block - material/s	Cast Iron			
(**)	138.	Sleeves - material/s (if fitted)	DNA			
(**)	139.	Head, cylinder - material/s	Cast Iron	number fitted	Two (2)	
(**)	140.	Port, inlet - number	Eight (8) - Four (4) per head			
(**)	141.	Port, exhaust - number	Eight (8) - Four (4) per head			
(*)	142.	Compression - ratio				DNA
(*)	143.	Combustion chamber - volume	cm3	in3		DNA
(*)	144.	Piston - material/s				DNA
(*)	145.	Rings - number				DNA
(*)	146.	Distance from gudgeon pin centre line to highest point of piston crown	mm	in		DNA
(**)	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	5.68 ltrs	pts	6	qts US
(*)	153.	Cooler, oil - yes no	DNA			
	154.	Cooling - method	Water radiator			
	155.	Cooling - capacity of system	19.39 ltrs	pts	20.5	qts US

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

(*) 157. Fan, cooling - number of blades material/s DNA

BEARINGS

(**) 158. Crankshaft, main - type Insert diameter 69.819 mm 2.7488 in

(**) 159. Connecting rod, big end - type Insert diameter 61.935 mm 2,4388 in

WEIGHTS

(*) 160. Flywheel (clean) kg lbs DNA

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

(*) 162. Crankshaft kg lbs DNA

163. Connecting Rod kg lbs DNA

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

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, push rod, rocker

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

180. Inlet manifold - materials Aluminum or Cast Iron

181. Valves (overall) - diameter 55.75 mm 2.195 in

(*) 182. Valve lift - maximum mm in DNA

183. Springs, valve - number Two (2)

184. Spring - type Coil

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

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

(*) 187. Valves - open at (with tolerance for tappet clearance indicated) DNA

(*) 188. Valves - close at (with tolerance for tappet clearance indicated) DNA

(*) 189. Air filter - type DNA

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EXHAUST (See Photo Q)

195.	Manifold, exhaust - material/s	Cast Iron			
196.	Valves (overall) - diameter	44.02	mm	1.733	in
197.	Valve, lift - maximum		mm	in	DNA
198.	Valve Springs/valve - number	Two (2)			
199.	Springs - type	Coil			
(**) 200.	Valves - number per cylinder	One (1)			
(*) 201.	Tappet - clearance for checking timing (cold)		mm	in	DNA
(*) 202.	Valves - open at (with tolerance for tappet clearance indicated)				DNA
(*) 203.	Valves - close at (with tolerance for tappet clearance indicated)				DNA

CARBURETION (See Photo N)

210.	Carburetors, fitted - number	One (1)
211.	Type	4V-down draft
(*) 212.	Make	DNA
(*) 213.	Model	DNA
214.	Carburetors - number of mixture passages	Four (4)
(*) 215.	Carburetor - flange hole diameter of exit port (mm / in)	DNA
216.	Venturi - throat diameter+ (mm / in)	DNA

INJECTION

220.	Pump - make	
221.	Plungers - number	None Fitted
(*) 222.	Pump - model	
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 type - 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	Rear of Car
	241.	Voltage - volts 12 amp hrs 55	

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

(*)	250.	Horsepower - maximum engine output (indicate SAE or DIN) at rpm	DNA
(*)	251.	RPM - maximum output at that figure	DNA
(*)	252.	Torque - maximum at rpm	DNA
(*)	253.	Speed - maximum km/hour miles/hour	DNA

DRIVE TRAIN

Clutch

260.	Type	Dry Plate	
261.	Plates - number of driven	One (1)	
262.	Plates - diameter	29.2 cm	11.5 in
263.	Linings - diameter - inside	17.78 cm	7 in
	Linings - diameter - outside	29.2 cm	11.5 in
264.	Method of operation	Mechanical	

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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 converter

(**) 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	2.32	23/25 32/15	2.46		2.32	23/25 32/15	2.22	23/24 32/15
2	1.69	23/25 28/18	1.46		1.54	23/25 27/19	1.43	23/24 26/19
3	1.29	23/25 25/21	1.00		1.19	23/25 24/22	1.19	23/24 24/21
4	1.00	Direct		Torque maximum ratio at stall 2.02:1	1.00	Direct	1.00	Direct
5								
6								
reverse			2.175					

278. Overdrive - type DNA

279. Forward gears on which overdrive can be selected DNA

280. Overdrive - ratio DNA

FINAL DRIVE

(**) 290. Type Hypoid - Semi-Floating, straddle mounted pinion

(**) 291. Differential - type Locking by Ratchet or Roller

(**) 292. Limited Slip Differential (if fitted) - type ≠ Positive Locking by ratchet or roller

293. Ratio / Teeth - number

3.0	3.10	3.25	3.40	3.50	3.70	3.89	4.11
39/13	31/10	39/12	34/10	35/10	37/10	35/9	37/9

(≠) Specify friction or positive locking type

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4.33	4.57	4.71	4.86	5.14
39/9	32/7	33/7	34/7	36/7

MAKE Ford MODEL 1968 Mustang 427 FIA REC # 1511

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

S7MR-6650-B Differential Cooler Kit, includes:
- 1 - Radiator - oil
- 1 - Duct - air and flange assembly
- 1 - Plenum Box
- 2 - Pump - oil circulating
- 1 - Bracket - pump mount
- Required lines, fittings and attaching hardware

S8MR-7009-A Transmission Cooler Kit, includes:
- 1 - Radiator - Oil
- 1 - Duct - air and flange assembly
- 1 - Plenum Box
- 1 - Pump - oil circulating
- Required lines, fittings, and attaching hardware

S1MR-61615-A Bucket Seat Assembly, Driver and Passenger - 12 pounds each

S7MR-10849-A High Performance Instrument Cluster, includes:
- 1 - Panel - instrument
- 1 - Tachometer
- 1 - Oil pressure gauge
- 1 - Oil temperature gauge
- 1 - Water temperature gauge
- 1 - Fuel pressure gauge
- 1 - Speedometer

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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

7379020	Deletion Option - deletes all sealers, sound deadeners and exterior trim.
S8MR-1103-A	Knock-off Wheel and Hub Kit, includes: 4 - Hubs 4 - Nuts - quick-off 4 - Wheels Required attaching hardware
S8MR-19715-A	Rear Ventilator - flow-thru, includes: 1 - Plenum, duct and valve assembly 1 - Grille - outlet trim 1 - Grille - inlet
S8MR-6393-A	Bell Housing Support Bracket
S8MR-2025-A	Rear Disc Brake Kit, includes: 2 - Disc, brake 1 - Caliper assembly - disc brake, R.H. rear 1 - Caliper assembly - disc brake, L.H. rear 1 Bracket, caliper mount - R.H. 1 - Bracket, caliper mount - L.H. Required lines, fittings and attaching parts
S8MR-5790-A	Watts Link - rear axle
C6AZ-6B068-B	8V Induction Kit, includes: 1 - 8V Manifold 2 - Carburetors Required lines, linkage, fittings, attaching parts
S8MK-2120-A	Front Disc Brake Kit, includes: 2 - Disc, brake 1 - Caliper assembly, disc brake, R.H. front 1 - Caliper assembly, disc brake, L.H. front 1 - Bracket, caliper mount - R.H. 1 - Bracket, caliper mount - L.H. Required lines, fittings and attaching parts.

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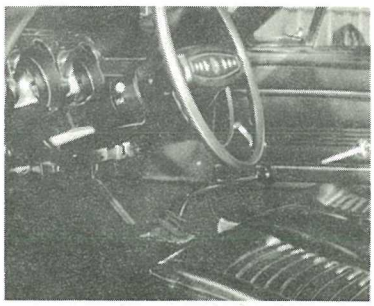
MAKE: Ford MODEL: 1968 Mustang 427 FIA REC # 1511

Applicable Dimensions:

100	Diameter, outside	287mm	11.3 in.
101	Thickness of Disc	20.3mm	.8 in.
102	Lining - length	123mm	4.815 in.
103	Lining - width	45.97mm	1.81 in.
104	Pads - number per brake	Two (2)	
105	Area, total - per brake	12, 214mm	17.65 in.2

	Alternate Wheel	Track Front	Track Rear
S7MR-1007-H/J	15" x 8" - 381mm x 203mm	60.6	59.0
	Optional Wheels		
C7ZZ-1007-D	15" x 6" - 381mm x 152.4mm	58.4	58.1
S7MR-1007-M/N	15" x 9" - 381mm x 228.6mm	61.1	58.0
S8MR-1007-A/B	15" x 10" - 381mm x 254mm	61.1	58.0

37 GAL. GAS TANK WITH EXTERNAL FILLER ASSY.



INTERIOR OF CAR MANUAL GEARBOX

STAMP

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

FORM OF RECOGNITION

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

I N D E X

CONVERSION TABLE:

1 inch / pouce	2.54 cm	
1 foot / pied	30.479 cm	
1 square inch / pouce carre	6.452 cm2	
1 cubic inch / pouce cube	16.387 cm3	
1 pound (lb.) / livre	453.593 gr	
1 pint (U.S.)	.473 ltrs	.833 pt. Imp.
1 quart (U.S.)	.946 ltrs	.833 qt. Imp.
1 gallon (U.S.)	3.785 ltrs	.833 gal.Imp.
1 pint (Imp.)	.568 ltrs	1.20 pt. U.S.
1 quart (Imp.)	1.136 ltrs	1.20 qt. U.S.
1 gallon (Imp.)	4.546 ltrs	1.20 gal. U.S.