GR I 5 275



Telephone: (203) 348-6233

Cable Address: "ACCUSFIA" Stamford, Conn.

AUTOMOBILE COMPETITION COMMITTEE FOR THE UNITED STATES, FIA, INC.
433 MAIN STREET, STAMFORD, CONN. 06901

Pederation Internationale de l'Automobile

STANDARD CERTIFICATE OF PRODUCTION In accordance with Appendix $^{*}J^{\#}$ of the International Sporting Code

Name of Manufacturer LINCOLL	N-MERCURY DIVISION, FORD MOTOR COMPANY
Make of Car Mercury	Model 1969 Cougar 428
We certify that 10,000 ca	rs identical with the basic specification, as
well as 10,000 cars as mo	dified by the listed optional equipment (when
required by Appendix "J"),	were completed as of October 18, 1968
Cars conforming to this spec	ification may be identified by chassis numbers
9_91_500001	nd engine numbers None .
Signed:	N. L. Herry
J. Y. Passino Manager, Special Vehicles Ad	H. L. Perry Stock Vehicles Department Special Vehicles Activity
JOHN V OLIVEAU TECHNOLUSINEST AS IN ACCOS. FLA. INC.	TIA JA



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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

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Variants & Evolutions, if a	ny	

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	
	pint (U.S.)	.473 l̃trs	.833 pt. Imp.
1	quart (U.S.)	.946 ltrs	.833 qt. Imp.
1	gallon (U.S.)	3.785 ltrs	.833 gal.Imp.
	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.

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



433 MAIN ST. STAMFORD, CONN. 06901 (203) 348-6233

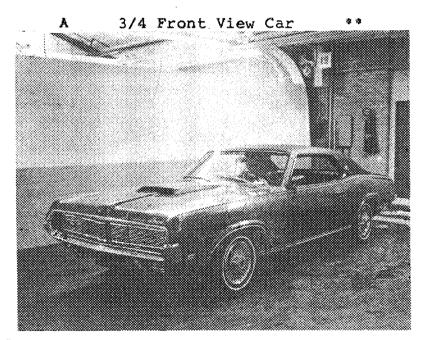
Federation Internationale de l'Automobile

FORM OF RECOGNITION

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

	Cylinder capacity	7003.2 c	m3 427.36 in3
Manufacturer	Lincoln Mercury Division Ford Motor Company	Model 1969 C	ougar 428
Serial # Chas	ssis 9_91_500001	Manufacturer	Lincoln Mercury Division Ford Motor Company
Serial # Eng:	ine None	Manufacturer	Lincoln-Mercury Division Ford Motor Company
Recognition v	valid from	List	20-14-01-14-14-14-14-14-14-14-14-14-14-14-14-14
was started didentical can	aring of the model descr on August 19,1968 and the r rs, in accordance with to on October 18, , 1969	minimum produ he specificat	ction of 10,000
(a) nood no	ha anguared for Crown	TT and TTT as	אים מייב

(**) only need to be answered for Group IV cars.





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

	Variants		Normal evolution	n of the
,	on 19 rec	#list	on 19 rec	#lis
	on 19 rec	# list	on 19 rec	# lis
	on 19 rec	# list	on 19 rec	# lis
	CHARLEST CHARLES	THE STREET STREET	GGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	Contract Con

Stamp/Signature of National Sporting Authority

1.4.1969

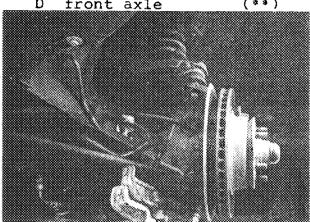
Stamp/Signature F.I.A.

JOHN V. OLIVEAU TECHNICAL DIRECTOR ACCUS, FLA. INC.

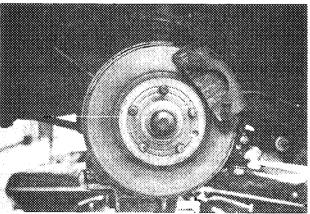
В 3/4 rear car



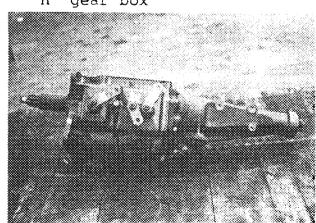
D front axle (**)



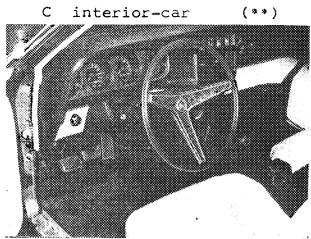
brake. front (* *)



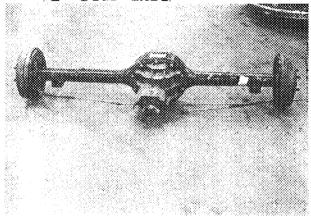
gear box



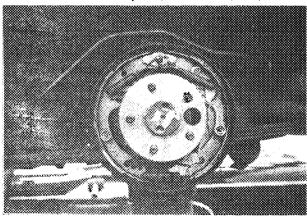
C interior-car



E rear axle



(**) brake, rear



exhaust system (*)

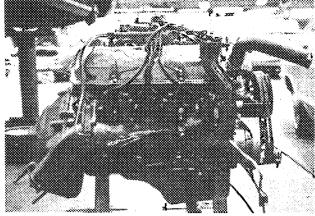


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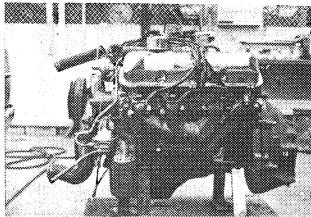
MAKE_







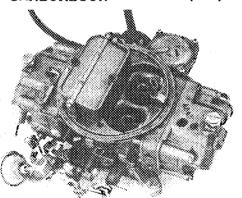
COMBUSTION CHAMBER



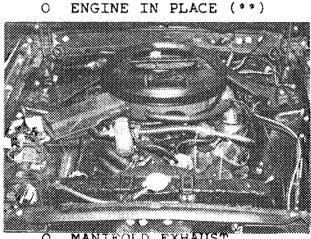
M PISTON TOP



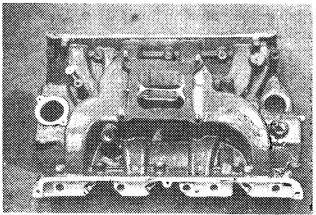
N CARBURETOR



MANIFOLD INLET



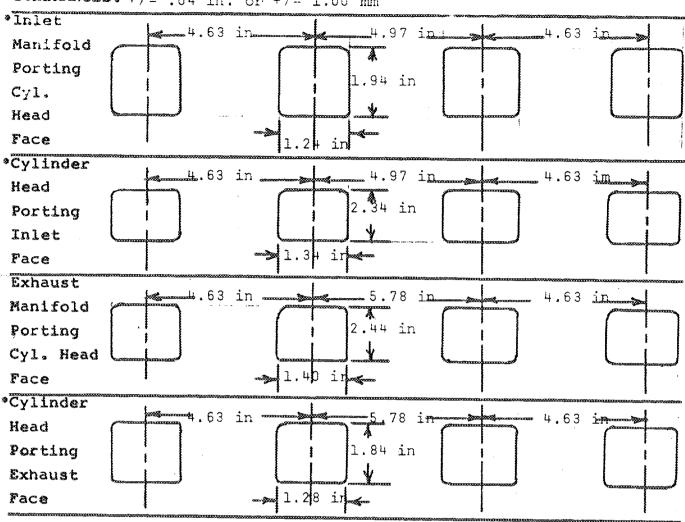
MANIFOLD EXHAUST



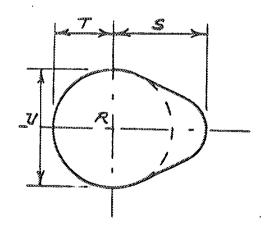


Strip out: ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. STAMP

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. +/- .04 in. or +/- 1.00 mm







In	1	e	£	C	an	ı

S as	26.31	mm	1.036	in
T=	20.24	mm	.797	in
U sa	37.95	mm	1.494	in

Exhaust cam

\$1000000000000000000000000000000000000	THE RESERVE OF THE PERSON NAMED OF THE PERSON		
Sæ	26.31 mm	1.036	in
Tu	20.24 mm	.797	in
U=	37.95 mm	1.494	in

STAMP

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

CAPACITIES & DIMENSIONS

(**) 1. Wheelbase 2821.9 mm 111.1

(**) 2. Front track 1485.9 58.5 mm in + 0° Camber 0" Toe-In

(**) 3. Rear track

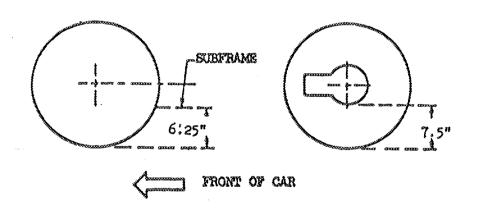
1485.9 mm 58.5 in +

+ 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

492.25 cm 193.8 in

Overall width of car 5 .

188.47 cm 74.2 in

6. Overall height of car 130.81 cm 51.5 in

7. Capacity of fuel tank (reserve included) gallons US 17

64.3 ltrs. 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.

lbs 1523.2 **kg** 3358

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FIA REC # 5275

CHASSIS & BODYWORK - Photos A, B, C

- Chassis/body construction separate/unit construction (**) 20.
- Unit construction material/s Sheet Steel (**) 21.
- (**) 22. Chassis - material/s Steel separate construction
- separate construction (**) 23. Body - material/s Steel
- Doors number two(2) material/s Steel (**) 24.
- (**) 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
 - Windows, rear door material/s None 30.
 - Windows actuating system 31. Regulator
 - Window, rear quarter material/s Glass 32.

ACCESSORIES AND UPHOLSTERY

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

WHEELS

- 50. Steel Type
- Weight (per wheel, without tire)8.9 kg 19.5 51.
- Stud and Nut (5) 52. Method of attachment
- mm 14/15in <u>.</u> ۲ Rim, diameter 356/381
- in 152/152 mm 6/654. Rim, width

STEERING

- Recirculating ball and nut U). Ivpe
- 61. Servo assistance Optional
- Number of turns of steering wheel from lock to lock 4.64 62.
- 3.74 In case or servo assistance

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SUSPENSION

(* *)	70.	Suspension, front (photo D) - ty	ype	Inde	pendent	t	
(* *)	71.	Spring - type		Coil			
(*)	72.	Stabilizer - if fitted		Yes			
	73.	Shock absorbers - number		Two ((2)		
	74.	Туре		Tubul	ar -Adj	justable	
(* *)	78.	Suspension, rear (photo E) - ty	pe	Live	Axle		
(* *)	79,	Spring - type		Leaf			
(*)	80.	Stabilizer - if fitted		No			
	81.	Shock absorbers - number		Two ((2)		
	82.	Туре		Tubul	ar-Adj	justable	
	BRAKI	(Photos E and F)					
*)	90.	Method of operation		Hydra	ulic		
(*)	91.	Power assisted (if fitted) - ty	pe	Pedal	. Boost	;	
	92,	Master Cylinders - number and t (indicate if duplex master cyli		One (l) Dua	l Rear	
	93.	Cylinders - number per wheel		One (1)	C	me (1)	
	94.	Cylinders - wheel bore (indicate stepped bore dimension	60.2 ns if a	mm _{2.375}	ip _{2.2}	mm .875	in
	Drum	Brakes		Front		Rear	
	95,	Diameter, inside		mm	in254	mml0.0	in
	96,	Linings, length		mm	in49.	2mm19.34	in
	97.	Linings, width		mm	in50.8	8 _{mm} 2.0	in
	98.	Shoes - number per brake		•	Two (2)	
	99.	Area, total - per brake		mm2	in2 24.9		in2 8.68
	Disc	Brakes			,,,	3	
	100.	Diameter, outside	287	mm 11.3	in	mm	in
	101.	Thickness of disc	23.81	mm.9375	in	mm	in
	102.	Lining - length	124.5	mm4.9	in	mm	in
	103.	Lining - width	52.6	mm 2.07	in	mm	in
	104.	Pads - number per brake	Two (2)			
		Area, total - per brake	3.2 007	4 mm220.2	4n2	mm 2	in2

FIA REC #(52)

ENGINE (Photos J and K)

- (**) 130. Cycle _four Wankel two
- Eight (8) (**) 131. Cylinders - number
- (**) 132. Cylinders - arrangement Vee Wankel - # of elements and basic dimensions
- 104.95 mm 4.132 (**) 133. Bore in
- (**) 134. Stroke 101.19 mm 3.984 in
- 875.4 (**) 135_a Cylinders - capacity cm353.42 in3
- Cylinders, total capacity 7003.2 cm 3427.36 (**) 136. in3
- Cylinder Block material/s Cast Iron (**) 137.
- (**) 138. Sleeves - material/s (if fitted)
- (**) 139. Head, cylinder - material/s Cast Iron number fitted (2) Two
- (**) 140. Eight (8) Port, inlet - number
- Eight (8) (**) 141. Port, exhaust - number
- (*) 142. 10.6:1 Compression - ratio
- (*) 143. Combustion chamber - volume 72.5 cm3 4.424
- Aluminum alloy with steel struts. (*) 144. Piston - material/s
- (*) 145. Three (3) Rings - number
- (*) 146. Distance from gudgeon pin centre line to highest point of piston crown 42.67 mm in 1.680
- () 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 4.731 trs pts qts US
- (*) 153. Cooler, oil - yes no
 - Water Radiator 154. Cooling - method
 - 155. Cooling - capacity of system 18.26 ltrs pts 19.3 qts US STAMP STAMP

clearance indicated)

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(*) 189. Air filter - type

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72° ABC

Dry Element

EXHAUST (See Photo Q)

- 195. Manifold, exhaust material/s Cast Iron
- 196. Valves (overall) diameter 42.16 mm 1.660 in
- 197. Valve, lift maximum 12.7 mm .500 in
- 198. Valve Springs/valve number Two (2)
- 199. Springs type Coil and Flat
- (**) 200. Valves number per cylinder One (1)
- (*) 201. Tappet clearance for checking timing (cold) Hydraulic mm in
- (*) 202. Valves open at (with tolerance for tappet 82° BBC clearance indicated)
- (*) 203. Valves close at (with tolerance for tappet 28° ATC clearance indicated)

CARBURETION (See Photo N)

- 210. Carburetors, fitted number One (1)
- 211. Type Downflow
- (*) 212. Make Holley
- (*) 213. Model 9510
 - 214. Carburetors number of mixture passages Four (4)
- (*) 215. Carburetor flange hole diameter of exit port 42.86 mm 1.6875 in
 - 216. Venturi throat diameter+ 31.75 mm 1.25 Pri.in 35.05 l.38 Sec.

INJECTION

220. Pump - make

None Fitted

- 221. Plungers number
- (*) 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 - 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 <u>Alternator</u>) - 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 12.8amp hrs 80

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- (*) 250. Horsepower maximum engine output 335 at 5200 rpm SAE (indicate SAE or DIN)
- (*) 251. RPM maximum 3200 output at that figure 335 SAE
- (*) 252. Torque maximum 440 at 3400 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

29.21 cm 11.5 in

263. Linings - diameter - inside

17.78 cm 7.0 in

Linings - diameter - outside 29.21 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

Color III Color	Ma	nual	Autom	atic	Alter	native ma	anual/a	automatic
277.	Ratio	# Teeth	Ratio	性 Teeth	Ratio	# Teeth	Ratio	automatic # Teeth
1	2,32	25 <u>32</u> 25 15	2.46	imu 1				
2	1.69	23 <u>28</u> 25 18	1.46	May 02				200000000000000000000000000000000000000
3	1.29	3 25 5 21	1.00	ter 12				
4	1.00	Direct		ver tal				
5				Cor at S				
6				que io				**************************************
reverse			2,20	Tor Rat				

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 3.00 3.25 3.50 3.70 3.91 4.30

Teeth - number 39 39 35 37 43 43

(*) Specify friction or positive locking type

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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.

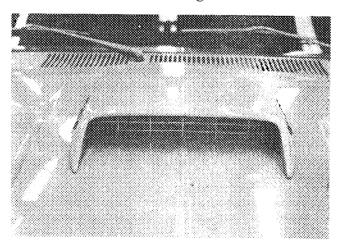
Optional equipment affecting preceding information:

CATALOGUE PART NUMBER MUST BE GIVEN

S7MS-6675-B Sump Guard

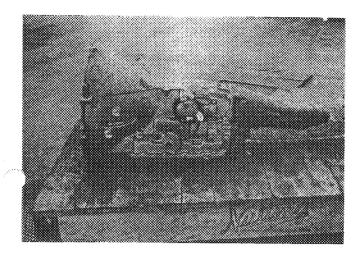
XR-7 Trim Package

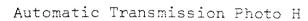
Ram Air Induction Package

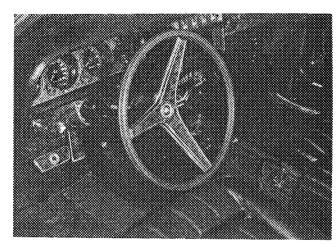


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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN







Automatic Transmission Photo H Interior with Automatic Transmission

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