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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 Torino 428 Fastback

We certify that 10,000 cars identical with the basic specification, as well as 10,000 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\_40\_100001, and engine numbers None.

Signed:

J. H. Passino  
J. H. Passino  
Manager, Special Vehicles Activity

H. L. Perry  
H. L. Perry  
Stock Vehicles Department  
Special Vehicles Activity

Certified:

John V. Oliveau  
JOHN V. OLIVEAU  
TECHNICAL DIRECTOR  
ACCUS, FIA, INC.



MAKE Ford

MODEL '69 Torino 428 F.B. FIA REC # 5272

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G1



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FORM OF RECOGNITION

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

I N D E X

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CONVERSION TABLE:

1 inch / pouce	2.54 cm	
1 foot / pied	30.479 cm	
1 square inch / pouce carre	6.452 cm <sup>2</sup>	
1 cubic inch / pouce cube	16.387 cm <sup>3</sup>	
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.



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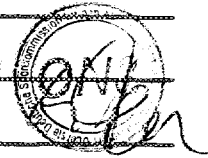
Cylinder capacity 7003.2 cm3 427.36 in3

Manufacturer Ford Motor Company Model 1969 Torino 428 Fastback

Serial # Chassis 9 40 100001 Manufacturer Ford

Serial # Engine None Manufacturer Ford

Recognition valid from \_\_\_\_\_ List \_\_\_\_\_



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

on 19 rec # list

on 19 rec # list

on 19 rec # list

Normal evolution of the type

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  
AGCUS, F.I.A., INC.

Stamp/Signature  
F.I.A.

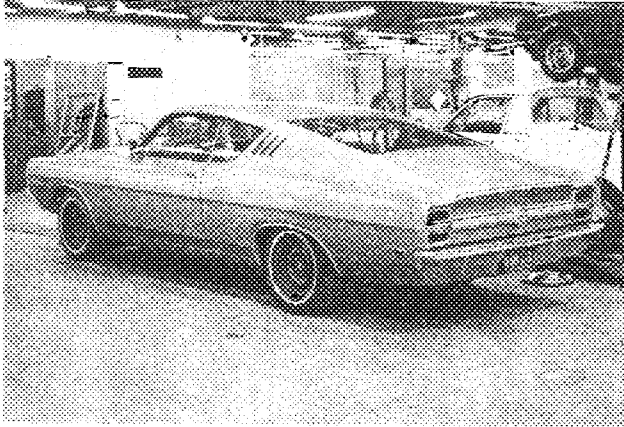
*1.4.1969*

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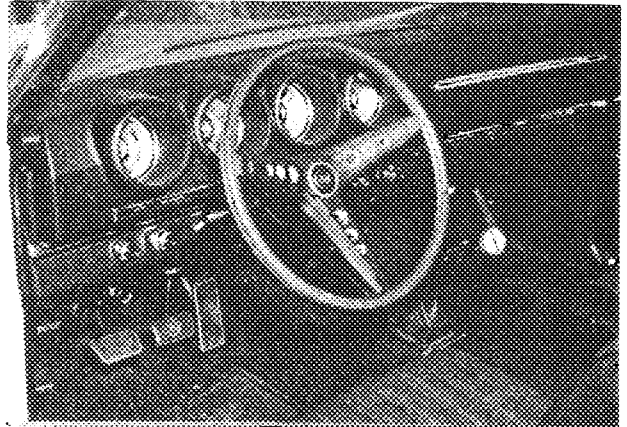
MODEL '69 Torino 428 F.B. FIA REC # 5272

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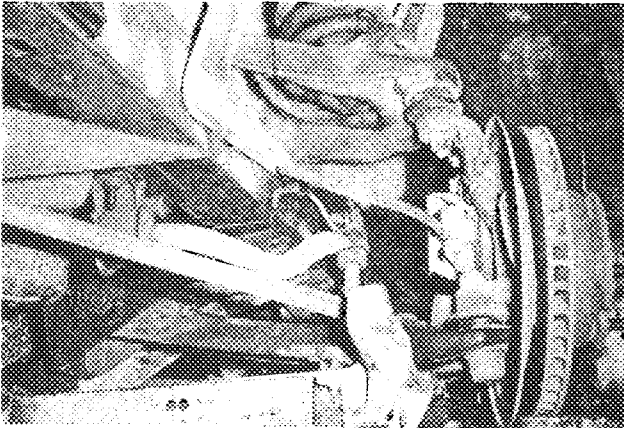
B 3/4 rear car (\*\*)



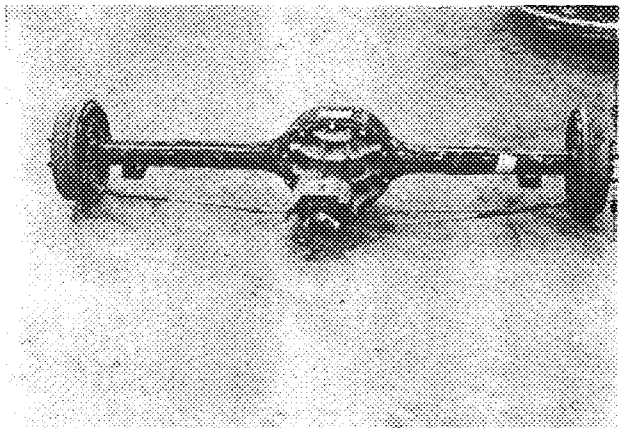
C interior-car (\*\*)



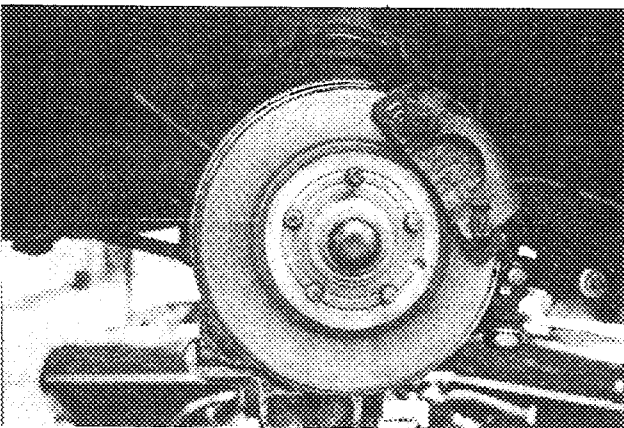
D front axle (\*\*)



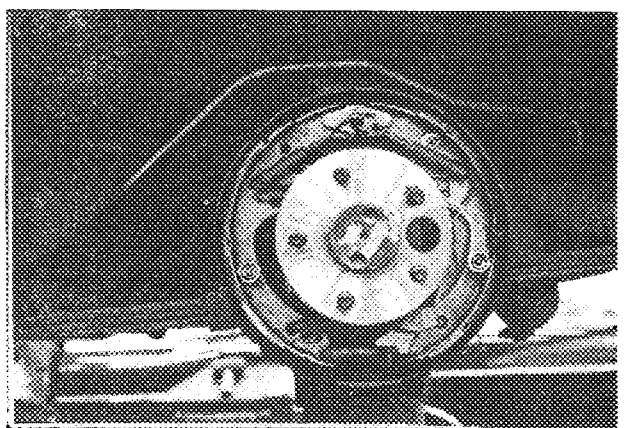
E rear axle (\*\*)



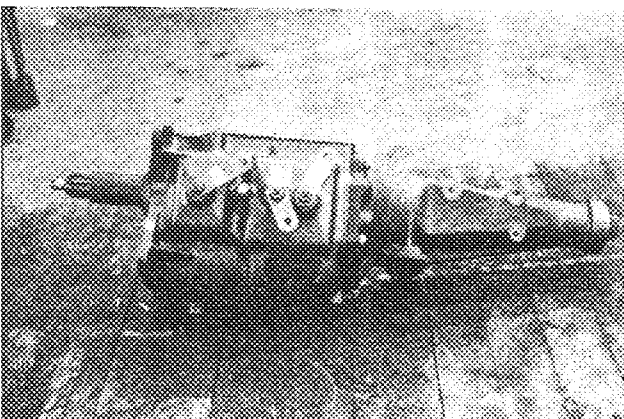
F brake, front (\*\*)



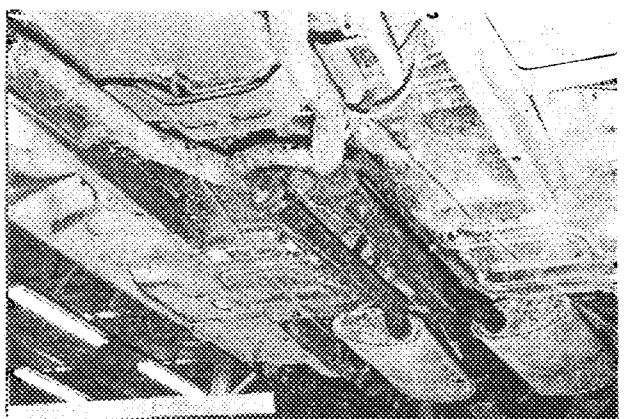
G brake, rear (\*\*)



H gear box (\*\*)



I exhaust system (\*)



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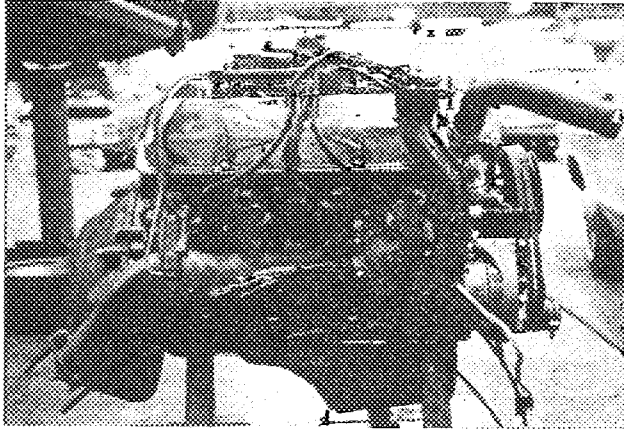
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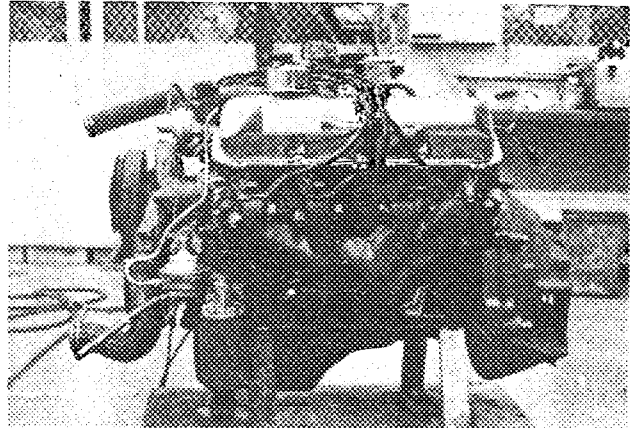
MODEL '69 Torino 428 F.B. FIA REC # 5292

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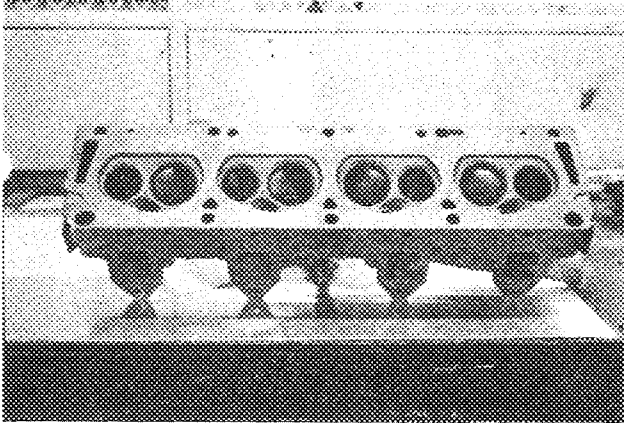
J ENGINE RIGHT (\*\*)



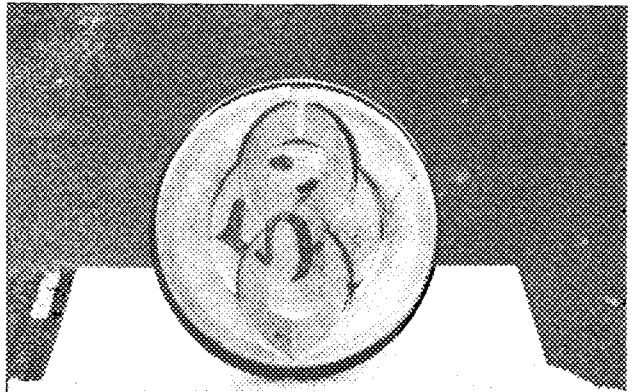
K ENGINE LEFT (\*\*)



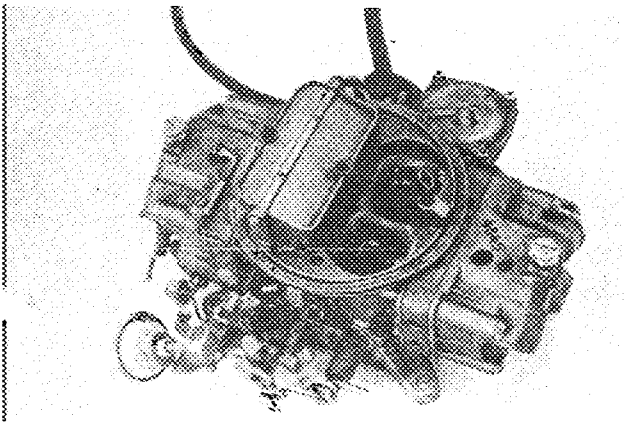
L COMBUSTION CHAMBER



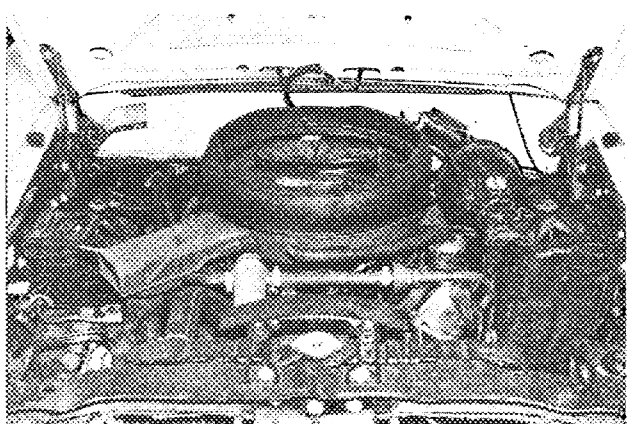
M PISTON TOP (\*)



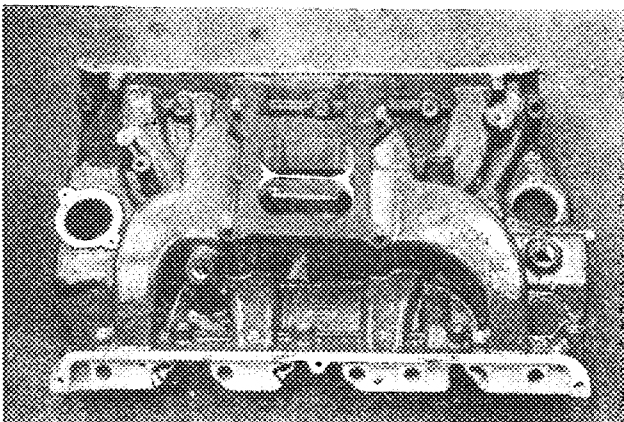
N CARBURETOR (\*)



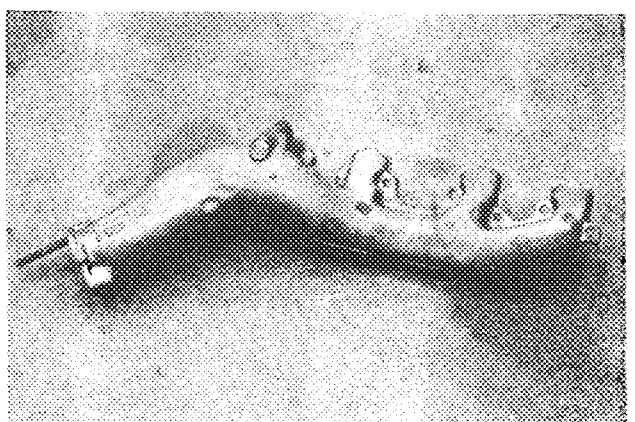
O ENGINE IN PLACE (\*\*)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



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



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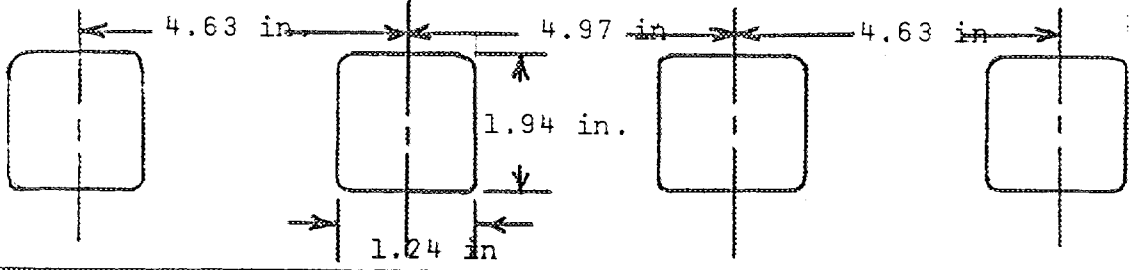
FIA REC # 5272

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ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. +/- .04 inc. or +/- 1.0 mm

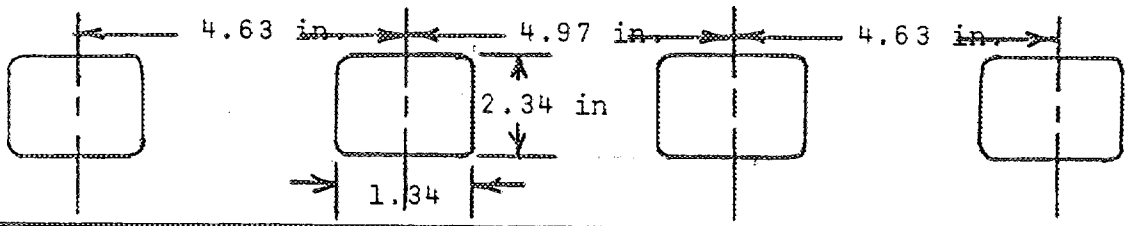
\*Inlet

Manifold  
Porting  
Cyl.  
Head  
Face



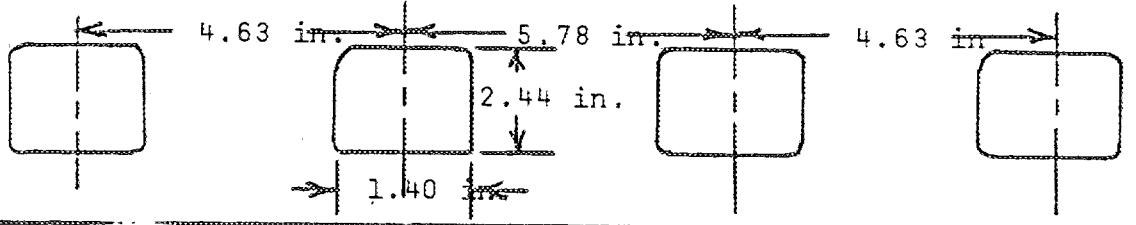
\*Cylinder

Head  
Porting  
Inlet  
Face



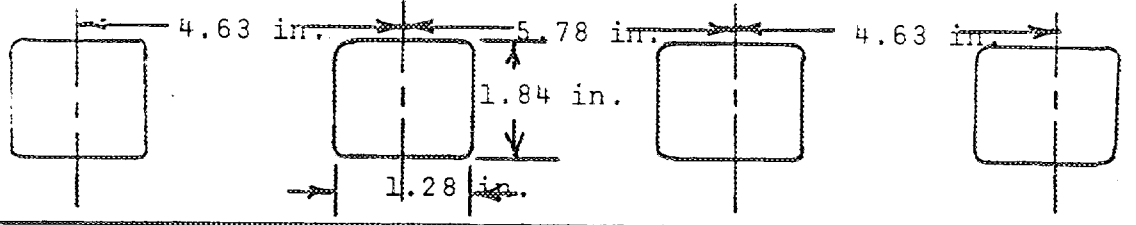
\*Exhaust

Manifold  
Porting  
Cyl. Head  
Face

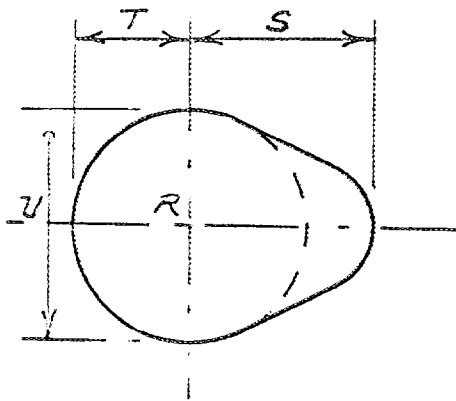


\*Cylinder

Head  
Porting  
Exhaust  
Face



CAM



Inlet cam

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

Exhaust cam

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

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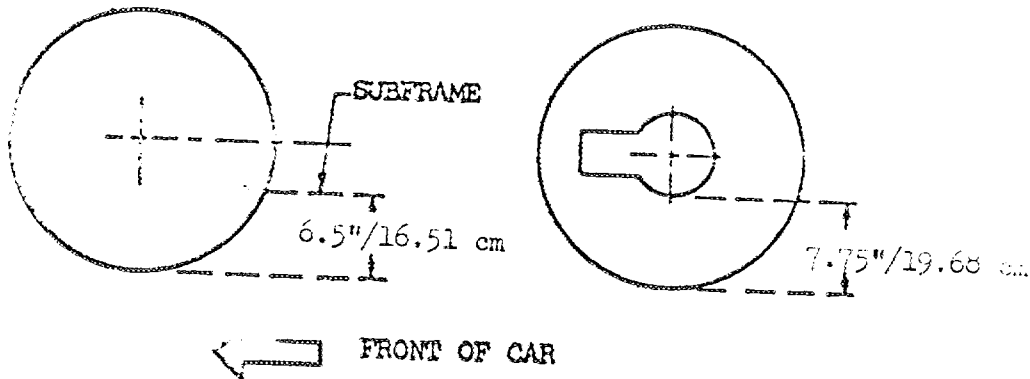
**IMPORTANT:** Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system. See conversion table at index.

CAPACITIES & DIMENSIONS

- (\*\*) 1. Wheelbase 2946.4 mm 116.0 in
  - (\*\*) 2. Front track 1493.5 mm 58.8 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 510.79cm 201.1 in
- 5. Overall width of car 189.48cm 74.6 in
- 6. Overall height of car 132.59cm 52.2 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. 1460.14 kg 3219 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 - numberTwo (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

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  
(complete with supports & rails out of car) 14.8 kg 32.5 lbs Ea.  
CHECK: BENCH        BUCKET X CONSOLE INCLUDED Optional  
43. Seats, rear - type of seat and upholstery Bench-Vinyl  
44. Bumper, front - material/s Steel kg 11.34 lbs 25.0 Weight  
45. Bumper, rear - material/s Steel kg 10.66 lbs 23.5 Weight

WHEELS

50. Type Steel  
51. Weight (per wheel, without tire) 8.9kg 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 5.5  
63. In case of servo assistance 4.0

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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	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 <u>Front</u> <u>Rear</u>
	93.	Cylinders - number per wheel	One (1)                      One (1)
	94.	Cylinders - wheel bore                      60.2 mm 2.38 in (indicate stepped bore dimensions if applicable)	22 mm .875 in

Drum Brakes

	<u>Front</u>	<u>Rear</u>
95. Diameter, inside	mm              in 254 mm	10 in
96. Linings, length	mm              in 491.2 mm	19.34 in
97. Linings, width	mm              in 50.8 mm	2.0 in
98. Shoes - number per brake	Two (2)	
99. Area, total - per brake	mm <sup>2</sup> in <sup>2</sup> mm <sup>2</sup> in <sup>2</sup>	24,916.1              38.68

Disc Brakes

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 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 mm <sup>2</sup> 20.2 in <sup>2</sup>	mm <sup>2</sup>	in <sup>2</sup>

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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 104.95 mm 4.132 in

(\*\*) 134. Stroke 101.19 mm 3.984 in

(\*\*) 135. Cylinders - capacity 875.4 cm<sup>3</sup> 53.42 in<sup>3</sup>

(\*\*) 136. Cylinders, total capacity 7003.2 cm<sup>3</sup> 427.36 in<sup>3</sup>

(\*) 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 10.6:1

(\*) 143. Combustion chamber - volume 72.5 cm<sup>3</sup> 4.424 in<sup>3</sup>

(\*) 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 42.67 mm 1.680 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 18.54 ltrs pts 19.6 qts US

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- ( \*) 156. Fan, cooling (if fitted) - diameter 46.35 cm 18.25 in  
( \*) 157. Fan, cooling - number of blades Seven (7) material/s Steel

BEARINGS

- (\*\*) 158. Crankshaft, main - type Insert diameter 69.81 mm 2.7488 in  
(\*\*) 159. Connecting rod, big end - type Insert diameter 61.94mm 2.4384 in

WEIGHTS

- ( \*) 160. Flywheel (clean) 12.92 kg 28.5 lbs  
( \*) 161. Flywheel with clutch (all rotating parts) 24.44 kg 53.9 lbs  
( \*) 162. Crankshaft 29.70 kg 65.5 lbs  
163. Connecting Rod .940 kg 2.07 lbs  
( \*) 164. Piston with rings & pin 1.853kg 4.07 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 53.26 mm 2.097 in  
( \*) 182. Valve lift - maximum 12.7 mm .500 in  
183. Springs, valve - number Two (2)  
184. Spring - type Coil and Flat  
(\*\*) 185. Valves, per cylinder - number One (1)  
( \*) 186. Tappet - clearance for checking timing (cold) mm in  
Hydraulic  
( \*) 187. Valves - open at (with tolerance for tappet clearance indicated) 18° BTC  
( \*) 188. Valves - close at (with tolerance for tappet clearance indicated) 72° 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 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 in Pri.  
35.05 1.38 Sec.

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-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 80

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- ( \*) 250. Horsepower - maximum engine output 335 at 5200 rpm S.A.E.  
(indicate SAE or DIN)
- ( \*) 251. RPM - maximum 5200 output at that figure 335 S.A.E.
- ( \*) 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 or Column

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth
1	2.32	$\frac{23}{25} \frac{32}{15}$	2.46					
2	1.69	$\frac{23}{25} \frac{28}{18}$	1.46					
3	1.29	$\frac{23}{25} \frac{25}{21}$	1.0					
4	1.00	Direct						
5								
6								
reverse	2.78		2.175					

Torque Converter Maximum Ratio at Stall 2.02:1

- 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  $\neq$  Positive Locking-by Ratchet or Friction.
- 293. Ratio 3.0 3.25 3.50 3.70 3.91 4.30
- Teeth - number  $\frac{39}{13}$   $\frac{39}{12}$   $\frac{35}{10}$   $\frac{37}{10}$   $\frac{43}{11}$   $\frac{43}{10}$
- ( $\neq$ ) Specify friction or positive locking type

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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:

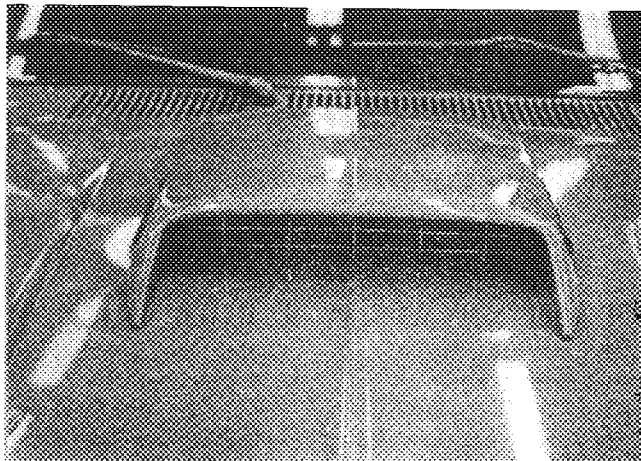
1, 2, 3, 9, 20, 21, 22, 23, 24, 25, 26, 70, 71, 78, 79, 90, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 147, 148, 149, 150, 158, 159, 170, 171, 172, 173, 185, 200, 270, 271, 274, 275, 290, 291, 292 & photos A, B, D, E, F, G, H, J, K, O.

Optional equipment affecting preceding information:

CATALOGUE PART NUMBER MUST BE GIVEN

STMS-6675-B Sump Guard

Ram Air Package



STAMP

STAMP

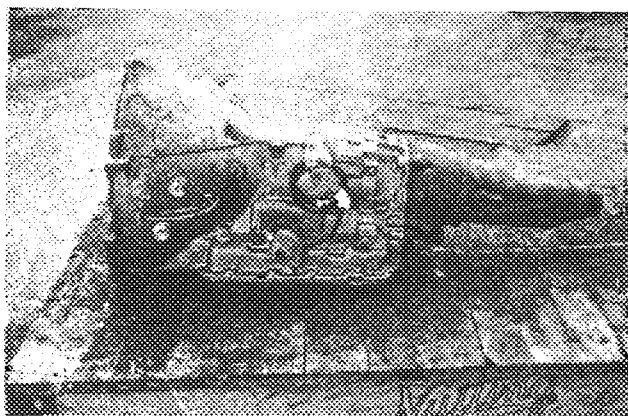
MAKE Ford

MODEL '69 Torino  
428 FB

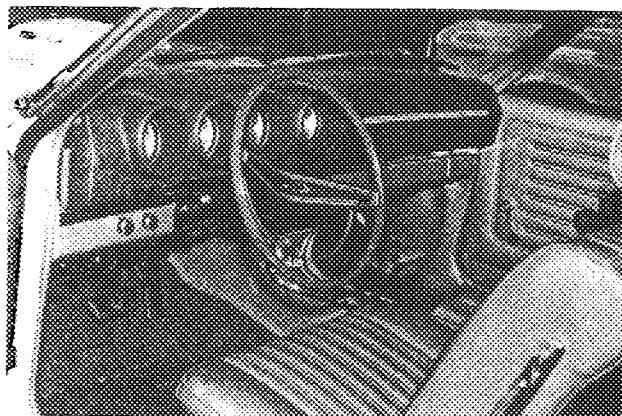
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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



Automatic Transmission Photo H



Interior with Automatic Transmission

STAMP

STAMP