



AUTOMOBILE COMPETITION COMMITTEE  
FOR THE UNITED STATES, F.I.A. INC.

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

1812

F  
427  
1-11-67

Group II

Federation Internationale de l'Automobile  
FORM OF RECOGNITION

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

Cylinder capacity 652.4 cm<sup>3</sup> 426.1 in<sup>3</sup>

Manufacturer FORD MOTOR COMPANY Model 1967 Fairlane

Serial # Chassis 7A35K100001 Manufacturer FORD MOTOR COMPANY

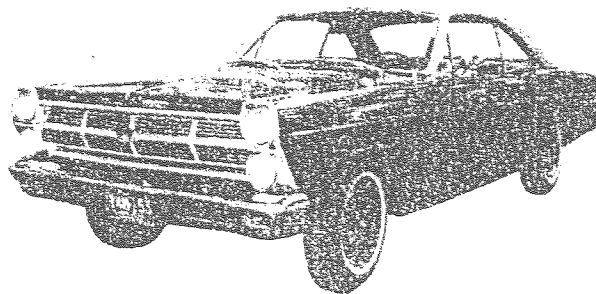
Serial # Engine None Manufacturer FORD MOTOR COMPANY

Recognition valid from 1st Jan 1968 List 1968/1

The manufacturing of the model described in this recognition form was started on August, 1966 and the minimum production of 1,000 identical cars, in accordance with the specifications of this form, was reached on January 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

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     

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Stamp/Signature of  
National Sporting Authority

Stamp/Signature  
F.I.A.



*[Handwritten signature]*  
(1)

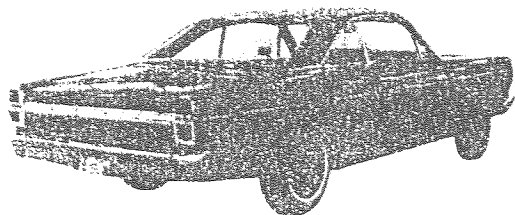
MAKE FORD

MODEL 1967 Fairlane 427

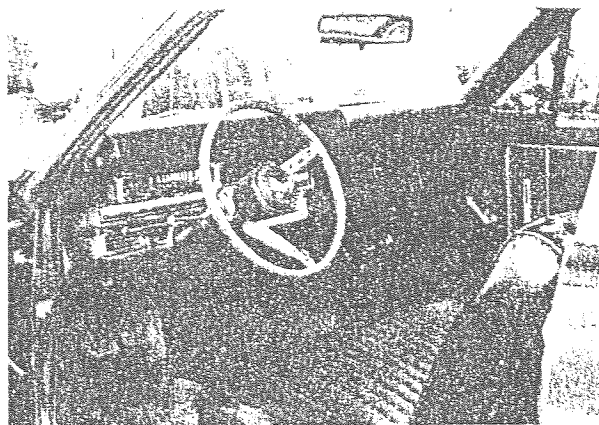
FIA REC # 1512

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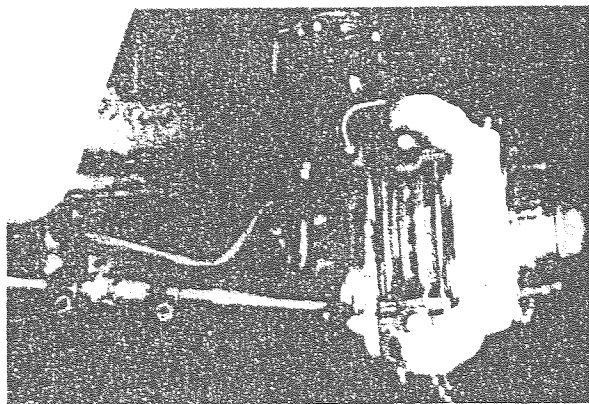
B 3/4 rear car (\*\*)



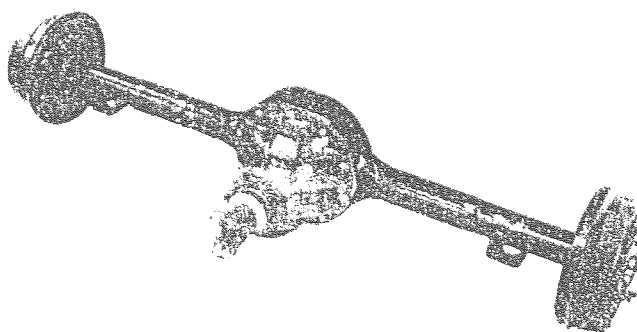
C interior-car (\*\*)



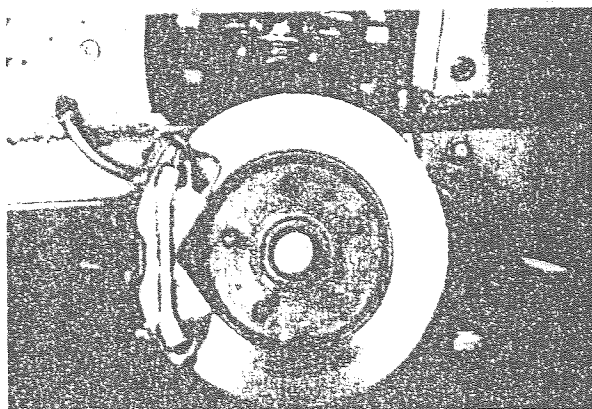
D front axle (\*\*)



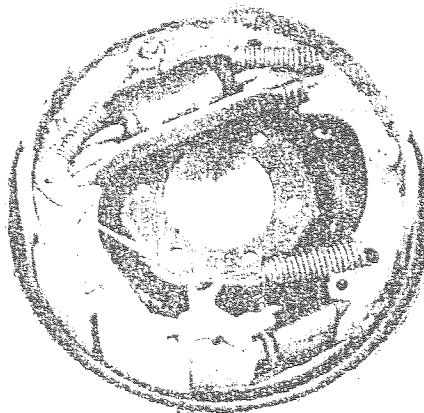
E rear axle (\*\*)



F brake, front (\*\*)



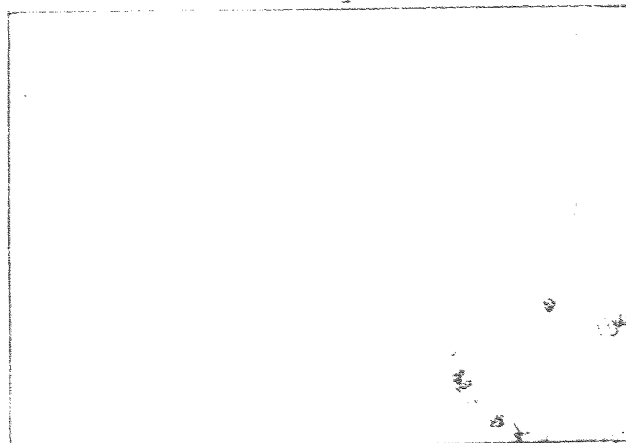
G brake, rear (\*\*)



H gear box (\*\*)



I exhaust system (\*)



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(2)

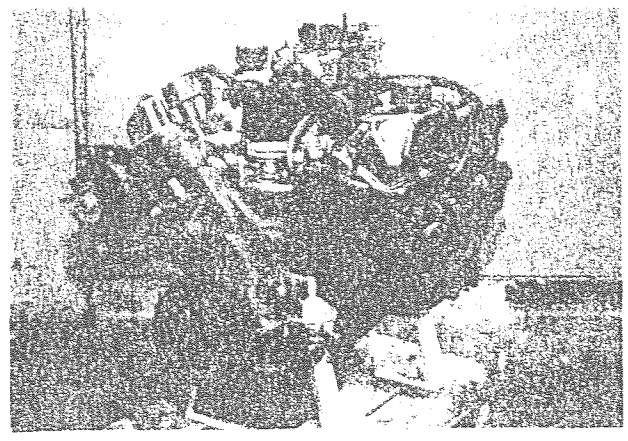
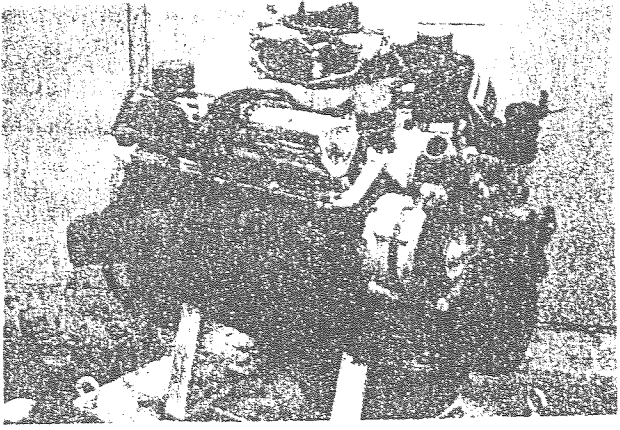
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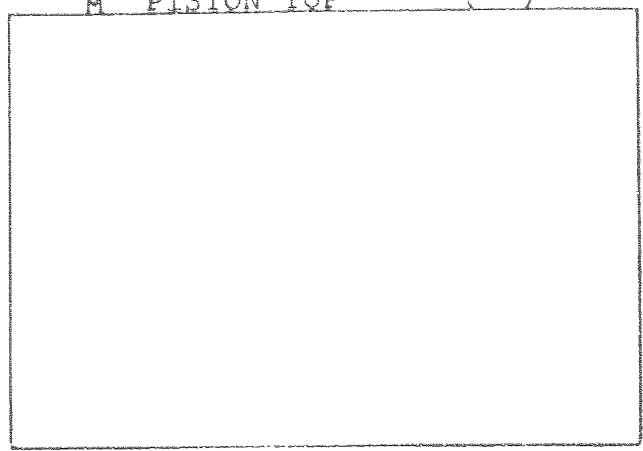
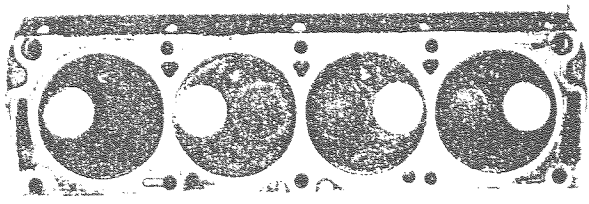
J ENGINE RIGHT (\*\*)

K ENGINE LEFT (\*\*)



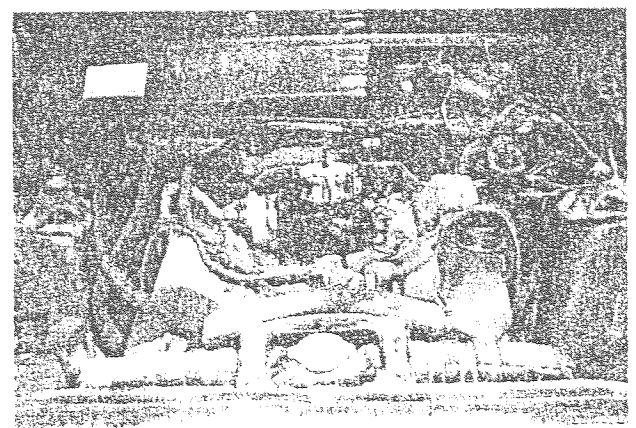
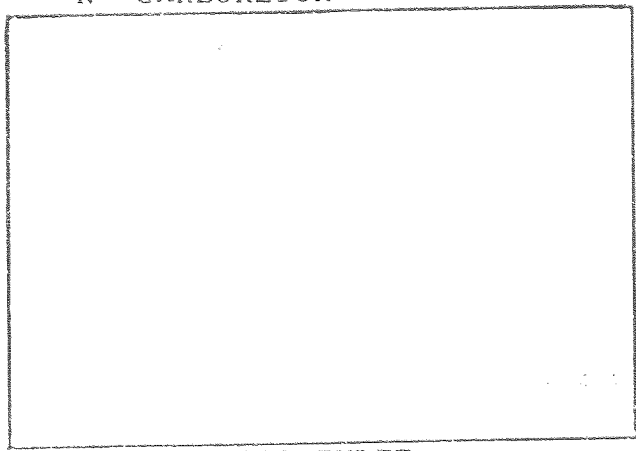
L COMBUSTION CHAMBER

M PISTON TOP (\*)



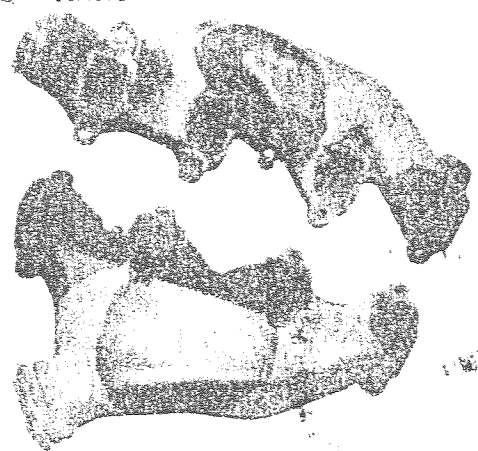
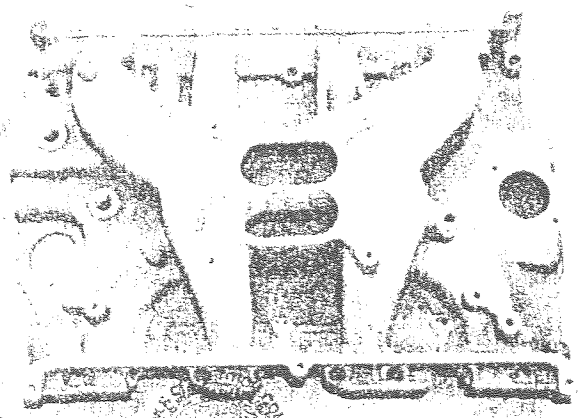
N CARBURETOR (\*)

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

INFORMATION ON THIS PAGE DOES NOT APPLY TO GROUP 11 CARS

- Head
- Porting
- Inlet
- Face

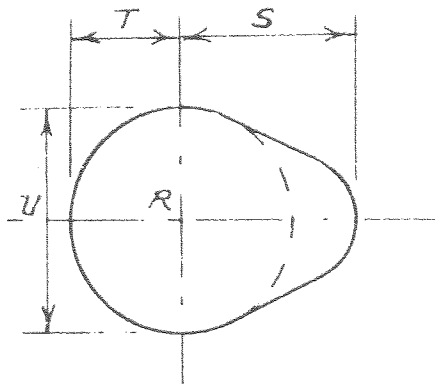
• Exhaust

- Manifold
- Porting
- Cyl. Head
- Face

Cylinder

- Head
- Porting
- Exhaust
- Face

CAM



Inlet cam

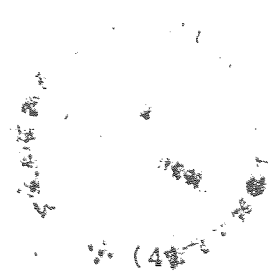
S=            mm            in  
 T=            mm            in  
 U=            mm            in

Exhaust cam

S=            mm            in  
 T=            mm            in  
 U=            mm            in

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MAKE FORD MODEL 1967 Fairlane 427 FIA REC # 1512

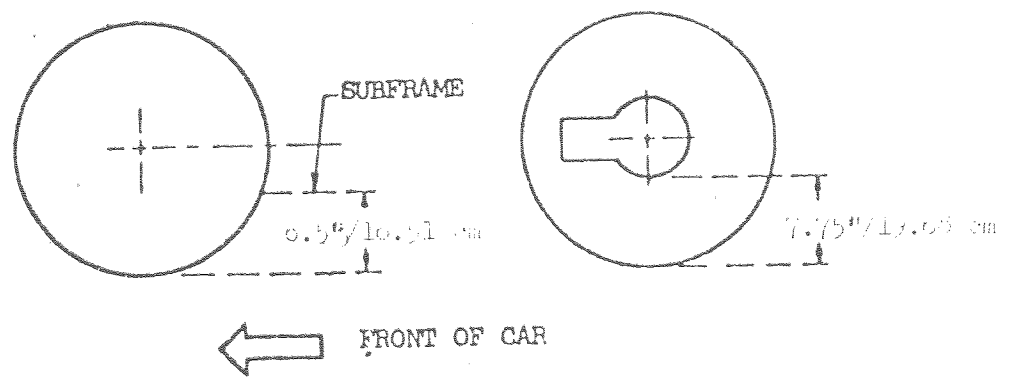
**IMPORTANT:** Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system.  
See conversion table at index.

CAPACITIES & DIMENSIONS

- (\*\*) 1. Wheelbase 2916.4 mm 116 in
  - (\*\*) 2. Front track - with 7" rims 1520.5 mm 60.1 in + at 0° camber -
  - (\*\*) 3. Rear track - with 7" rims 1518.9 mm 59.8 in + 0" toe-in
- + Differences in track resulting from use of optional\* See Note Below wheel and rim sizes must be stipulated on recognition application forms. (For track with other wheels, see option page)

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"

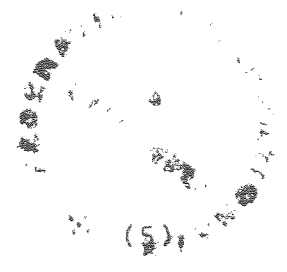


\* Note: Geometry changes in front suspension will alter track.

- 4. Overall length of car 409.35 cm 177.0 in
- 5. Overall width of car 137.90 cm 54.0 in
- 6. Overall height of car 137.92 cm 54.3 in
- 7. Capacity of fuel tank (reserve included) 110/128.7/75.7 ltrs.  
37/34/20 gallons US 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. 1361 kg 3001 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 DR
- 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) ~~\_\_\_\_\_~~

CHECK: BENCH        BUCKET X CONSOLE INCLUDED       

- 43. Seats, rear - type of seat and upholstery bench - Vinyl
- 44. Bumper, front - material/s Steel kg 12.15lbs 26.73 Weight
- 45. Bumper, rear - material/s Steel kg 10.6lbs 23.36 Weight

WHEELS

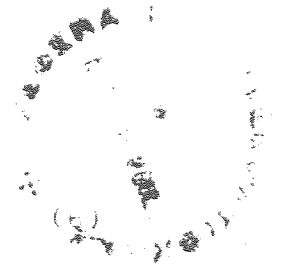
- 50. Type Steel or Magnesium
- 51. Weight (per wheel, without tire) 5.7kg 12.5 lbs
- 52. Method of Attachment Solid axle kit (FIS)
- 53. Rim, diameter 541 mm 21 in
- 54. Rim, width 170/213 mm 6.7/8 in

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 Two bar traction bar/Panhard bar
- 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 No
- 92. Master Cylinders - number and type One - Dual
- 93. Cylinders - number per wheel Front Rear
- 94. Cylinders - wheel bore (Indicate stepped bore dimensions if applicable) mm 1.37 in 23 mm 1.00 in 25 mm 1.3 mm 1.02 in

Drum Brakes

- 95. Diameter, inside mm in 73 mm 2.9 in
- 96. Linings, length mm in 42 mm 1.7 in
- 97. Linings, width mm in 63 mm 2.5 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> 2077 in<sup>2</sup> 31.7 in<sup>2</sup>

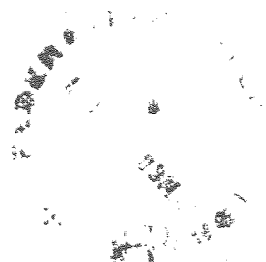
Disc Brakes

- 100. Diameter, outside mm in 237 mm 9.3 in
- 101. Thickness of disc mm in 20.3 mm .8 in
- 102. Lining - length mm in 130 mm 5.1 in
- 103. Lining - width mm in 57 mm 2.2 in
- 104. Pads - number per brake Two (2) Two (2)
- 105. Area, total - per brake mm<sup>2</sup> in<sup>2</sup> mm<sup>2</sup> 2036 in<sup>2</sup> 314 in<sup>2</sup>

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MAKE FORD

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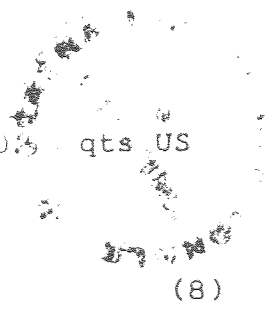
ENGINE (Photos J and K)

- (\*\*) 130. Cycle two four Wankel
- (\*\*) 131. Cylinders - number Eight (8)
- (\*\*) 132. Cylinders - arrangement vee Wankel - # of elements and basic dimensions
- (\*\*) 133. Bore 107.50 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 6932.4 cm3 426.1 in3
- (\*\*) 137. Cylinder Block - material/s Cast Iron
- (\*\*) 138. Sleeves - material/s (if fitted) D.A.
- (\*\*) 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 D.A.
- (\*) 143. Combustion chamber - volume cm3 in3 D.A.
- (\*) 144. Piston - material/s D.A.
- (\*) 145. Rings - number D.A.
- (\*) 146. Distance from gudgeon pin centre line to highest point of piston crown mm in D.A.
- (\*\*) 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 D.A.
- 154. Cooling - method Water Radiator
- 155. Cooling - capacity of system 19.39 ltrs pts 20.4 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

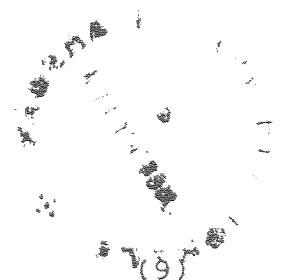
- (\*\*) 170. Camshafts - number One (1) material/s Alloy Iron  
(\*\*) 171. Camshaft - location Cylinder Block  
(\*\*) 172. Camshaft Drive, type Chain  
(\*\*) 173. Valve operation - type Tappet, Push Rod, Rocker

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

180. Inlet manifold - materials Aluminum  
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
- (\*) 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 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 (Vee)
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 at rpm DNA  
(indicate SAE or DIN)
- ( \*) 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		Automatic		Alternative manual/automatic			
	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth
1	2.32	$\frac{23}{25} \frac{32}{15}$	2.46		2.32	$\frac{23}{25} \frac{32}{15}$	2.22	$\frac{23}{24} \frac{32}{15}$
2	1.69	$\frac{23}{25} \frac{28}{18}$	1.46	Torque maximum ratio at stall 2.021	1.54	$\frac{23}{25} \frac{27}{19}$	1.43	$\frac{23}{24} \frac{26}{19}$
3	1.29	$\frac{23}{25} \frac{25}{21}$	1.00		1.19	$\frac{23}{25} \frac{24}{22}$	1.19	$\frac{23}{24} \frac{24}{21}$
4	1.00	Direct			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  $\neq$  Positive Locking by ratchet or roller
- 293. Ratio 3.0 3.10 3.25 3.40 3.50 3.70 3.89 4.11
- Teeth - number  $\frac{39}{13} \frac{31}{10} \frac{39}{12} \frac{34}{10} \frac{35}{10} \frac{37}{10} \frac{35}{9}$
- ( $\neq$ ) Specify friction or positive locking type

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4.33 4.57 4.71 4.86 5.14  
 $\frac{39}{9} \frac{32}{7} \frac{33}{7} \frac{34}{7} \frac{36}{7}$

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MAKE FORD MODEL 1967 Fairlane 427 FIA REC # 1512

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.

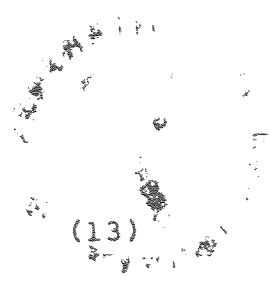
Optional equipment affecting preceding information:

CATALOGUE PART NUMBER MUST BE GIVEN

- S7MR-6650-B Differential Cooler Kit, includes: **10.9 Lts CAP 1.3 QT**
  - 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: **6.2 Lts CAP .9 QT**
  - 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

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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

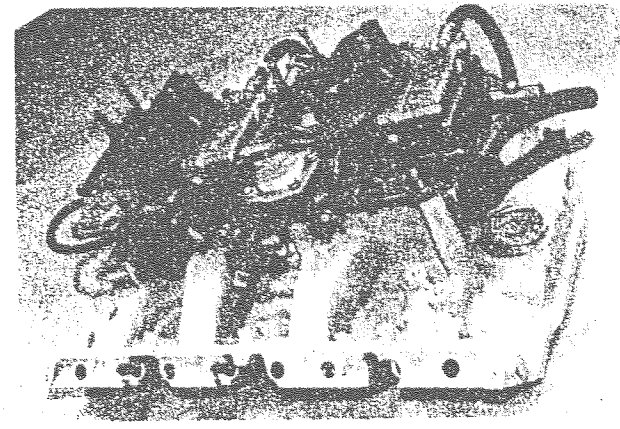
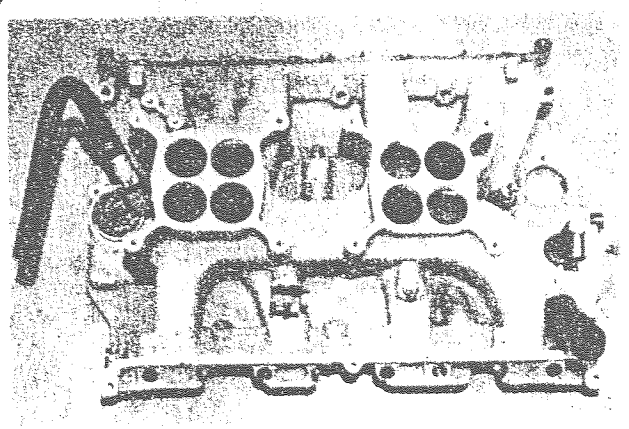
7379020 Deletion Option - deletes all sealers, sound deadeners and exterior trim.

S8MR-1103-A Knock-off Wheel and Hub Kit, includes: **78 Lls**  
4 - Hubs  
4 - Nuts - quick-off  
4 - Wheels  
Required attaching hardware

S8MR-2025-A Rear Disc Brake Kit, includes: **65 Lls**  
2 - Brake Discs  
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  **REAR**

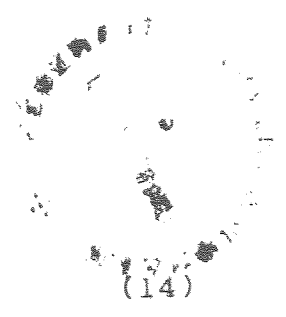
C6AZ-6B068-B 8V Induction Kit, includes **54.5 Lls**



S8MK-2120-A Front Disc Brake Kit, includes: **63 Lls**  
2 - Brake discs  
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

STAMP

STAMP



MAKE: FORD MODEL: 1967 Fairlane 427 FIA REC # 1512

Applicable Dimensions:

100 Diameter, outside	287 mm	11.3 in.
101 Thickness of Disc	20.3 mm	.8 in.
102 Lining - length	123 mm	4.815 in.
103 Lining - width	45.97 mm	1.81 in.
104 Pads - number per brake	Two (2)	
105 Area, total - per brake	12.214 mm	17.65 in. 2

Alternate Wheel

Track

S7MR-1007-H/J

15" x 8" - 381 mm x 203 mm

<u>Front</u>	<u>Rear</u>
60.6	59.0

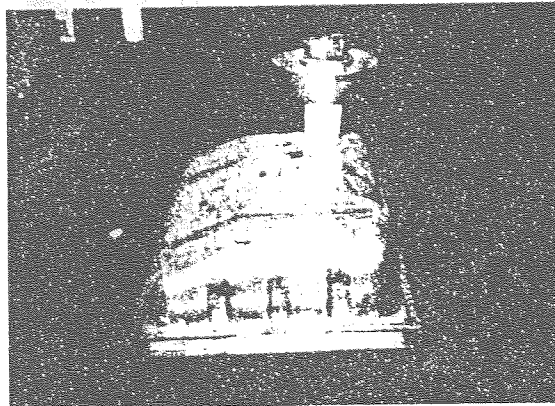
Optional Wheels

C7ZZ-1007-D  
S7MR-1007-M/N  
S8MR-1007-A/B

15" x 6" - 381 mm x 152.4 mm  
15" x 9" - 381 mm x 228.6 mm  
15" x 10" - 381 mm x 254 mm

58.4	58.1
61.1	58.0
61.1	58.0

15.5 Lbs 7. Kg



37 GAL. GAS TANK WITH  
EXTERNAL FILLER ASSY.

36 LBS

7  
0

