

MAKE FORD

MODEL 1967 MUSTANG HT

FIA REC # 1454



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

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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 ²	
1 cubic inch / pouce cube	16.387 cm ³	
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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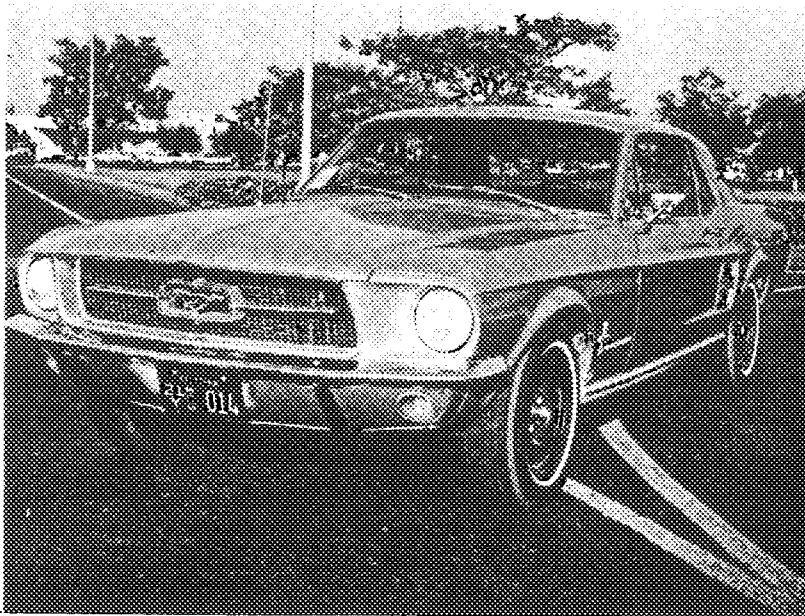
In accordance with Appendix "J" of the International Sporting Code

Cylinder capacity 4,740 cm3 289 in3
 Manufacturer Ford Motor Company Model 1967 Mustang Hardtop
 Serial # Chassis 7F01C-100001 Manufacturer Ford
 Serial # Engine Same Manufacturer Ford
 Recognition valid from _____ List _____

The manufacturing of the model described in this recognition form was started on 8-22 and the minimum production of 2,000 identical cars, in accordance with the specifications of this form, was reached on 9-7, 1966.

(*) 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 _____

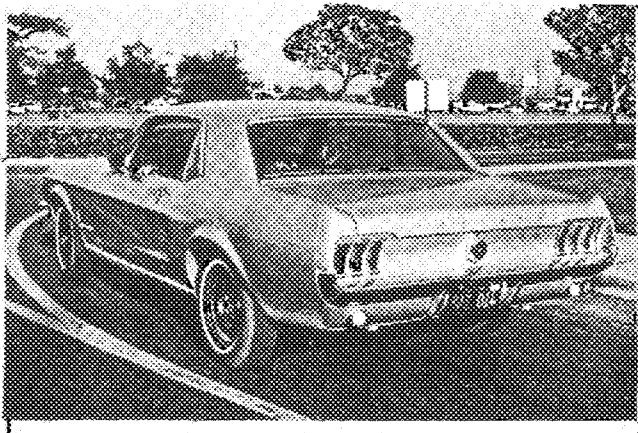
Normal evolution of the type
 on 19 rec # _____ list _____
 on 19 rec # _____ list _____
 on 19 rec # _____ list _____

Stamp/Signature of
National Sporting Authority

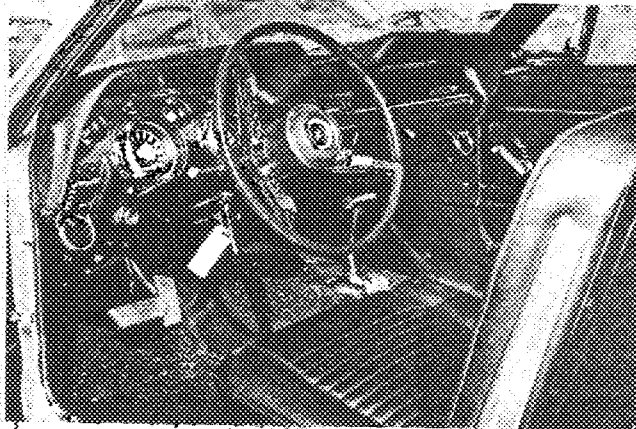
John J. Clava

Stamp/Signature
F.I.A.

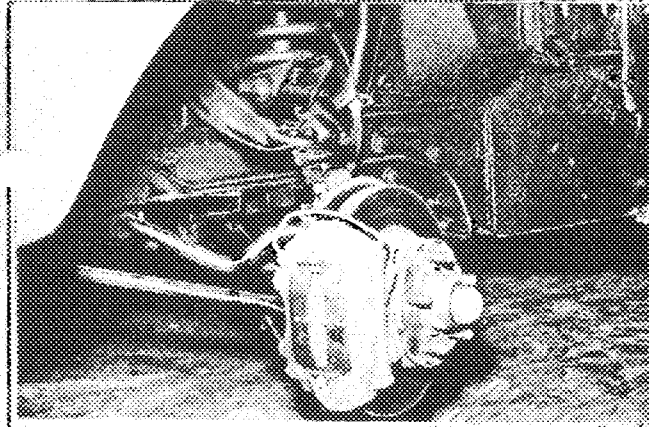
B 3/4 rear car (**)



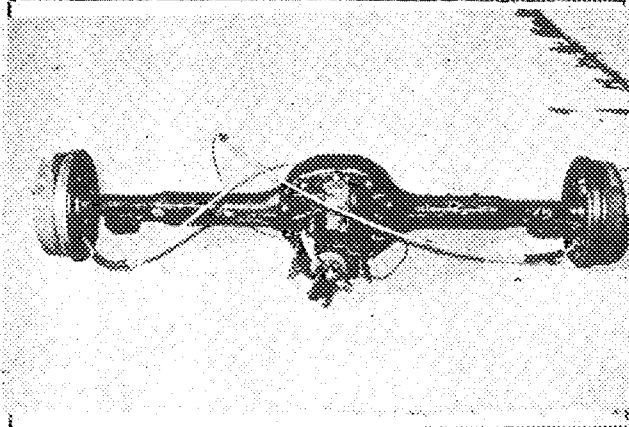
C interior-car (**)



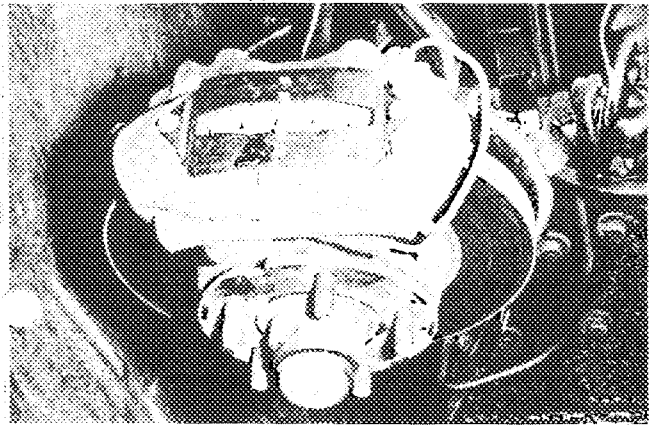
D front axle (**)



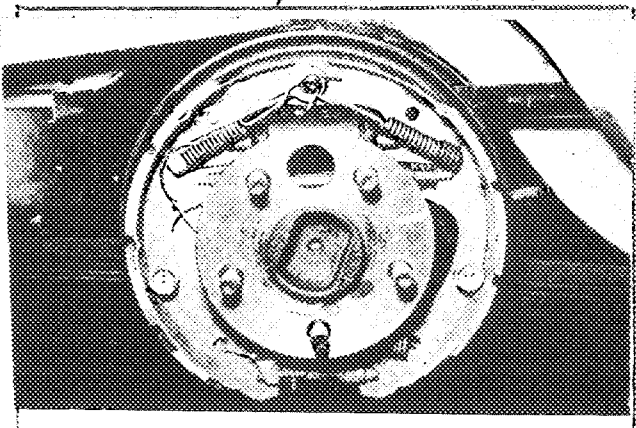
E rear axle (**)



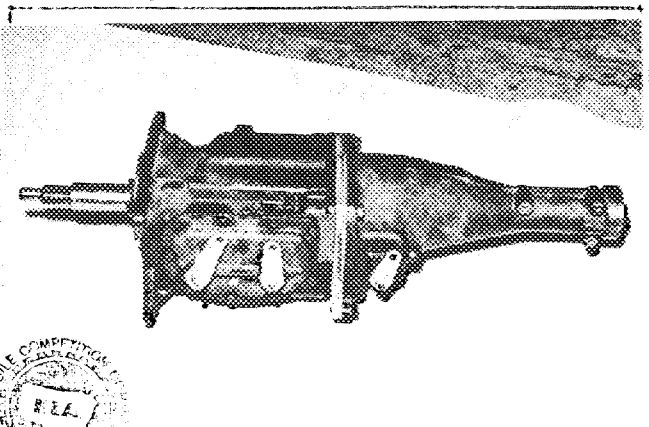
F brake, front (**)



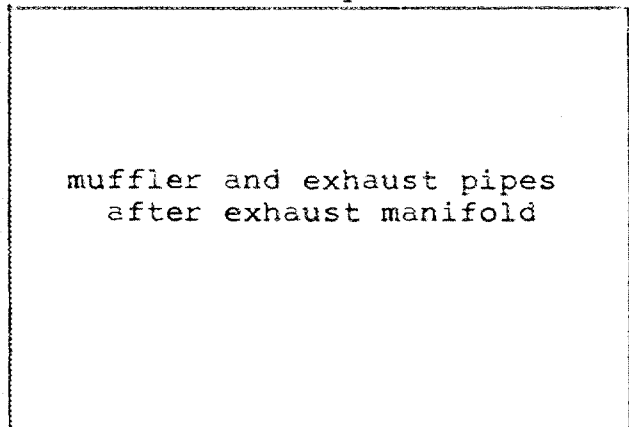
G brake, rear (**)



H gear box (**)



I exhaust system (*)



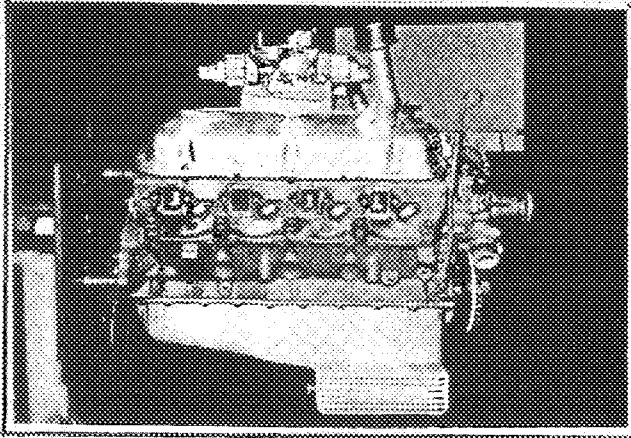
muffler and exhaust pipes
after exhaust manifold



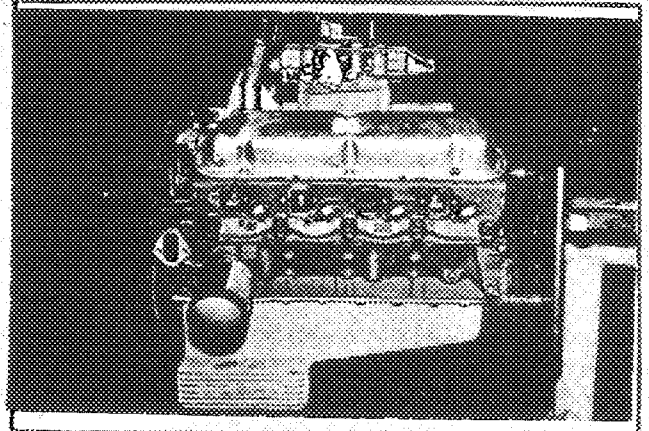
See Alternatives on Page 14

STAMP

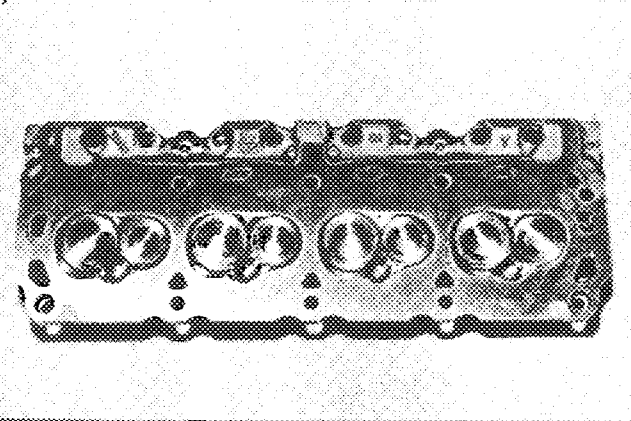
J ENGINE RIGHT (**)



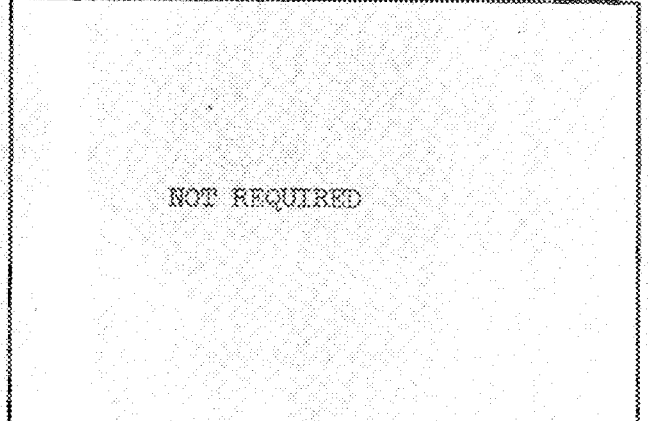
K ENGINE LEFT (**)



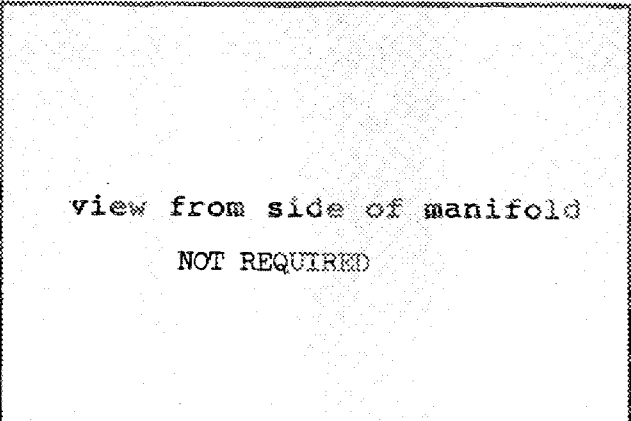
L COMBUSTION CHAMBER



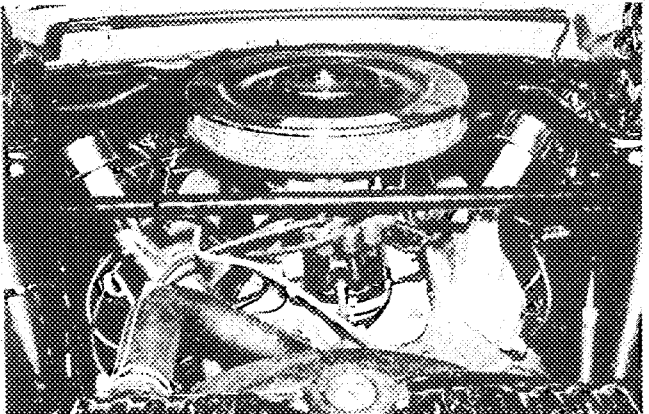
M PISTON TOP (*)



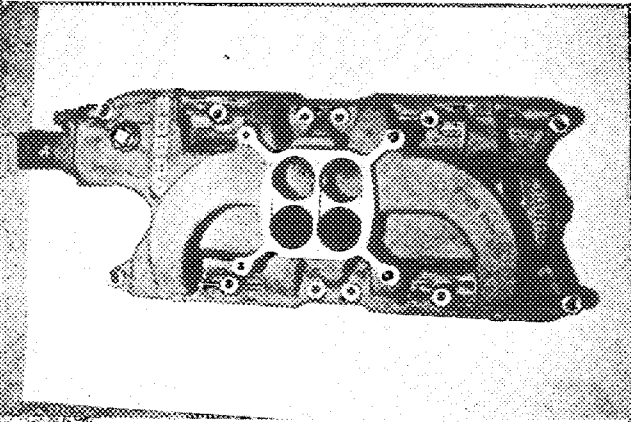
N CARBURETOR (*)



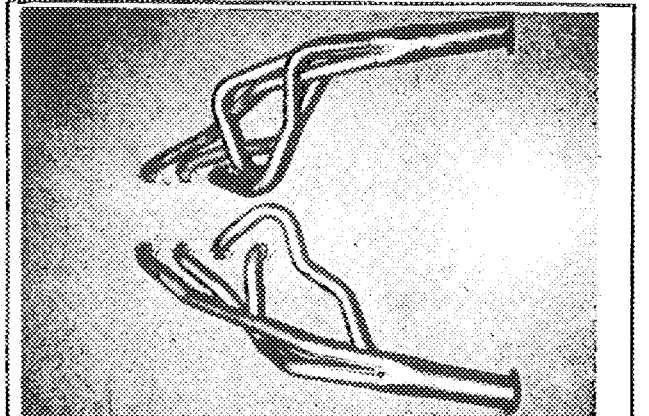
O ENGINE IN PLACE (**)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



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

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

*Inlet

Manifold

Porting

Cyl. D. N. A.

Head

Face

*Cylinder

Head

Porting

Inlet D. N. A.

Face

*Exhaust

Manifold

Porting

Cyl. Head D. N. A.

Face

*Cylinder

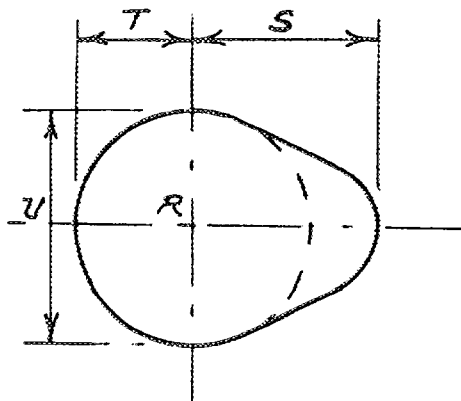
Head

Porting

Exhaust D. N. A.

Face

CAM



Inlet cam

S= mm in

T= mm in

U= mm in

D. N. A.

Exhaust cam

S= mm in

T= mm in

U= mm in



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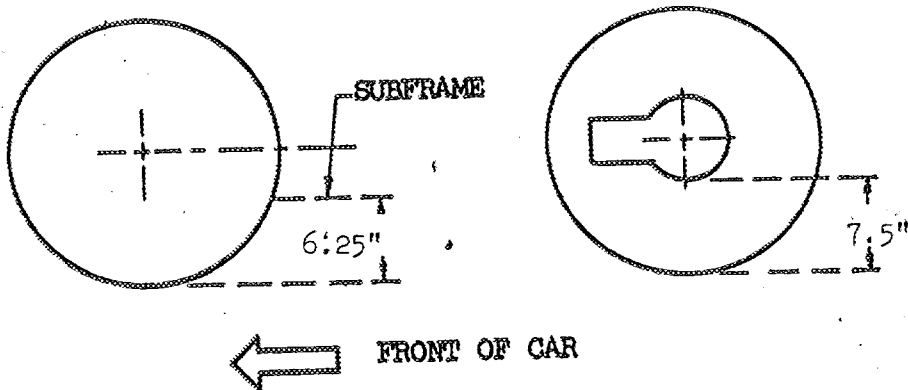
IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system. See conversion table at index.

CAPACITIES & DIMENSIONS

- (**) 1. Wheelbase 2743.2 mm 108 in
 - (**) 2. Front track - with 7" Rim - 1526.5 mm 60.1 in + at 0° Camber -
 - (**) 3. Rear track - with 7" Rim - 1518.9 mm 59.8 in + 0" Toe-In
- + Differences in track resulting from use of optional wheel and rim sizes must be stipulated on recognition See Note Below 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 466.34 cm 183.6 in
- 5. Overall width of car 180.086 cm 70.9 in
- 6. Overall height of car 131.064 cm 51.6 in
- 7. Capacity of fuel tank (reserve included) 140.0 or 128.7 orltrs.
37 or 34 or 17 gallons US 64.3 gallons, Imp.
- 8. Seating capacity 4
- (**) 9. Weight - total weight of car with normal equipment, water, oil and spare wheel but without fuel or repair tools.

1188 kg 2620 lbs AD



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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 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 D. N. A.
- 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 D. N. A.
- 42. Seats, front - weight
(complete with supports & rails out of car) 16.0 kg 35.2(pair) 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) kg 5.9 lbs 13
- 52. Method of attachment Five Studs
- 53. Rim, diameter 381 mm 15 in
- 54. Rim, width 178 or 203 mm 7 or 8 in

SUSPENSION

- (**) 70. Suspension, front (photo D) - type Independent
- (**) 71. Spring - type Coil
- (*) 72. Stabilizer - if fitted D. N. A.



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- 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 D. N. A.
- 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 D. N. A.
- 92. Master Cylinders - number and type 1 - Dual
(indicate if duplex master cylinder) Front Rear
- 93. Cylinders - number per wheel 4 1
- 94. Cylinders - wheel bore 41.3 mm 1.625 in 23 mm .906 in
(indicate stepped bore dimensions if applicable)

Drum Brakes

- 95. Diameter, inside Front in 254 Rear in 10
mm mm
- 96. Linings, length mm in 495 mm 19.5in
- 97. Linings, width mm in 63.5 mm 2.5in
- 98. Shoes - number per brake Two (2)
- 99. Area, total - per brake mm2 in2 3143 mm2 48.7in2

Disc Brakes

- 100. Diameter, outside 287 mm 11.3in mm in
- 101. Thickness of disc 20 mm .8 in mm in
- 102. Lining - length 123 mm 4.875 in mm in
- 103. Lining - width 46 mm 1.81in mm in
- 104. Pads - number per brake Two (2)
- 105. Area, total - per brake 11,316 mm2 17.52in2 mm2 in2



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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 101.73 mm 4.005 in
- (**) 134. Stroke 72.9 mm 2.87 in
- (**) 135. Cylinders - capacity 591 cm3 36.13 in3
- (**) 136. Cylinders, total capacity 4740 cm3 289 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) - 4 Per Head
- (**) 141. Port, exhaust - number Eight (8) - 4 Per Head
- (*) 142. Compression - ratio D. N. A.
- (*) 143. Combustion chamber - volume cm3 D. N. A. in3
- (*) 144. Piston - material/s D. N. A.
- (*) 145. Rings - number D. N. A.
- (*) 146. Distance from gudgeon pin centre line to highest point of piston crown D. N. A. mm 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 8.04 ltrs pts 8.5 qts US
- (*) 153. Cooler, oil - yes no D. N. A.
154. Cooling - method Water Radiator
155. Cooling - capacity of system 17 ltrs pts 18 qts US



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- (*) 156. Fan, cooling (if fitted) - diameter D. N. A. cm in
- (*) 157. Fan, cooling - number of blades D. N. A. material/s

BEARINGS

- (**) 158. Crankshaft, main - type insert diameter 57.11 mm 2.2486 in
- (**) 159. Connecting rod, big end - type insert diameter 53.93 mm 2.1232 in

WEIGHTS

- (*) 160. Flywheel (clean) D. N. A. kg lbs
- (*) 161. Flywheel with clutch (all rotating parts) D. N. A. kg lbs
- (*) 162. Crankshaft D. N. A. kg lbs
- 163. Connecting Rod D. N. A. kg lbs
- (*) 164. Piston with rings & pin D. N. A. kg lbs

FOUR CYCLE ENGINES

- (**) 170. Camshafts - number one (1) material/s Cast Iron
- (**) 171. Camshaft - location 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 47.75 mm 1.88 in
- (*) 182. Valve lift - maximum D. N. A. mm in
- 183. Springs, valve - number Two (2)
- 184. Spring - type Coil
- (**) 185. Valves, per cylinder - number One (1)
- (*) 186. Tappet - clearance for checking timing (cold) D. N. A. mm in
- (*) 187. Valves - open at (with tolerance for tappet D. N. A. clearance indicated)
- (*) 188. Valves - close at (with tolerance for tappet D. N. A. clearance indicated)
- (*) 189. Air filter - type D. N. A.

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EXHAUST (See Photo Q)

195. Manifold, exhaust - material/s Steel Tube
196. Valves (overall) - diameter 41.4 mm 1.64 in
197. Valve, lift - maximum D. N. A. mm in
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) D. N. A.
mm in
- (*) 202. Valves - open at (with tolerance for tappet
clearance indicated) D. N. A.
- (*) 203. Valves - close at (with tolerance for tappet
clearance indicated) D. N. A.

CARBURETION (See Photo N)

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

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
- 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

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

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

DRIVE TRAIN

Clutch

- 260. Type Dry Plate
- 261. Plates - number of driven One (1)
- 262. Plates - diameter 26.7 cm 10.5 in
- 263. Linings - diameter - inside 16.5 cm 6.5 in
- Linings - diameter - outside 26.7 cm 10.5 in
- 264. Method of operation Mechanical



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Gear Box (Photo H)

- (**) 270. Manual type - make Ford or Borg Warner
- (**) 271. Ratios, forward - number Four (4)
- 272. Ratios, forward - number synchronized Four (4)
- 273. Gear-Shift - location Floor optional
- (**) 274. Automatic - make Ford type Torque Converted With Planetary Gear
- (**) 275. Ratios, forward - number Three
- 276. Gear-Shift - location Floor Borg - Warner

277.	Manual		Automatic		Alternative manual/automatic			
	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth	Ratio	# Teeth
1	2.36	$\frac{26}{29} \frac{36}{17}$	2.46		2.20	$\frac{27}{28} \frac{36}{17}$	2.32	$\frac{23}{25} \frac{32}{15}$
2	1.62	$\frac{26}{29} \frac{29}{20}$	1.46	Maximum 2.02 : 1	1.64	$\frac{27}{28} \frac{30}{19}$	1.69	$\frac{23}{25} \frac{28}{18}$
3	1.20	$\frac{26}{29} \frac{27}{25}$	1.00		1.31	$\frac{27}{28} \frac{29}{23}$	1.29	$\frac{23}{25} \frac{25}{21}$
4	1.00	Direct			1.00	Direct	1.00	Direct
5				Torque Converted Ratio At Stall				
6								
reverse	2.42		2.20					

See Supplemental Sheet

- 278. Overdrive - type
- 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 Ratchet Locking
- (**) 292. Limited Slip Differential (if fitted) - type \neq Positive Locking
- 293. Ratio 3.50 3.70 3.89 4.11 4.33 4.57
Teeth - number $\frac{35}{10} \frac{37}{10} \frac{35}{9} \frac{37}{9} \frac{39}{9} \frac{32}{7}$
- (\neq) 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

C6ZZ 6B068 - A 8V Intake Manifold Kit 39
COAZ-4209-A 3.0 Differential Ratio 13
C4AZ-4209-A 3.10 Differential Ratio 31
B8AZ-4209-B 3.25 Differential Ratio 10
39
12

Optional Wheels

Track

Front Rear

S7ZZ-1007-D 15" x 6" - 381 mm x 152.4 mm - 58.4" 58.1"
S7MR-1007-F / G-15" x 7.5" - 381 mm x 190.5 mm - 60.1" 59.3"
S7MR-1007-M / N 15" x 9" - 381 mm x 228.6 mm - 61.1" 57.8"

Alternate Wheel

S7MR-1007 H / J 15" x 8" - 381 mm x 203 mm - 60.6" 58.8"
S7MR-6650-B Differential Cooler Kit

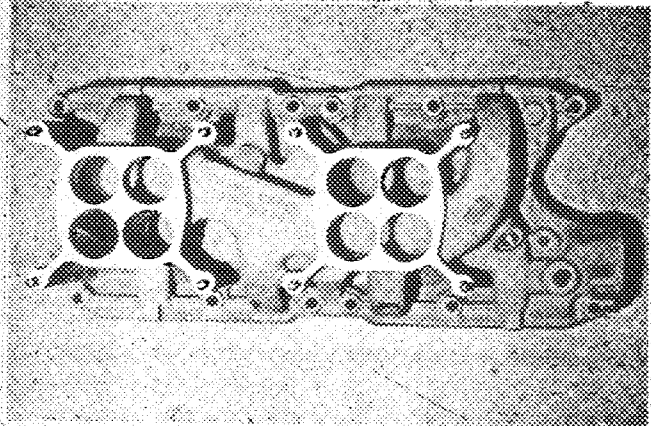
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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

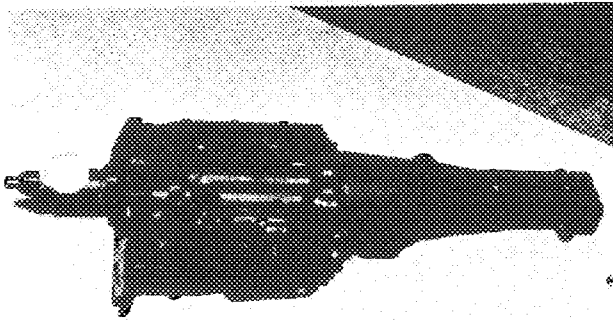
ALTERNATIVE FORD RATIOS

Ratio	Teeth	Ratio	Teeth
1 2.32	$\frac{23}{25} \frac{32}{15}$	2.22	$\frac{23}{24} \frac{32}{15}$
	$\frac{23}{25} \frac{27}{19}$		$\frac{23}{24} \frac{26}{19}$
2 1.54	$\frac{23}{25} \frac{24}{22}$	1.43	$\frac{23}{24} \frac{24}{21}$
	$\frac{23}{25} \frac{24}{22}$		$\frac{23}{24} \frac{24}{21}$
3 1.19	Direct	1.00	Direct

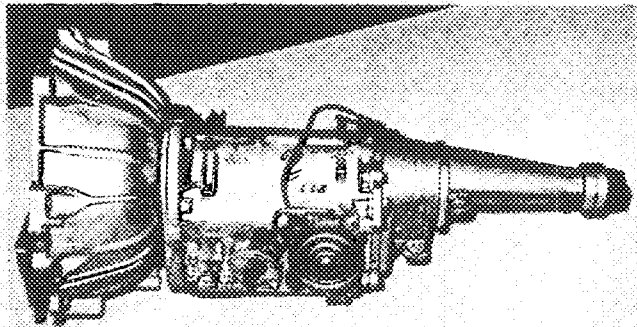


8V Manifold Kit - 0622 6B068-A

Supplemental Sheet



Alternative 4-Speed Gear Box
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Alternative Automatic Gear Box
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