



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

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

FIA NO. 1591

GROUP II

APR 1 1970

Federation Internationale de l'Automobile
FORM OF RECOGNITION

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

Cylinder capacity 5752 cm³ 351 in³

Manufacturer Ford Motor Co. Model 351 Mustang

Serial # Chassis 0F02M Manufacturer Ford Motor Co.

Serial # Engine 0F02M Manufacturer Ford Motor Co.

Recognition valid from 1/4/70 APR 1 1970 List 70/4

The manufacturing of the model described in this recognition form was started on August 1969 and the minimum production of over 1,000 identical cars, in accordance with the specifications of this form, was reached on December, 19 69.

(**) 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:

<u>Variants</u>			
on	<u>19</u>	rec #	<u>list</u>
on	<u>19</u>	rec #	<u>list</u>
on	<u>19</u>	rec #	<u>list</u>

<u>Normal evolution of the type</u>			
on	<u>19</u>	rec #	<u>list</u>
on	<u>19</u>	rec #	<u>list</u>
on	<u>19</u>	rec #	<u>list</u>

Stamp/Signature of
National Sporting Authority

John V. Oliveau
JOHN V. OLIVEAU
TECHNICAL DIRECTOR

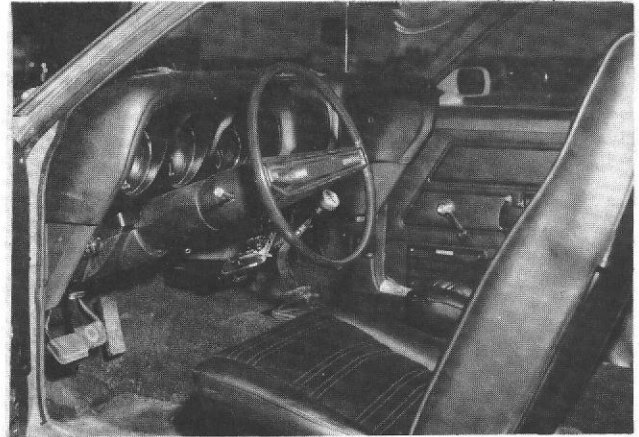
Stamp/Signature
F.I.A.

[Signature]
F.I.A. stamp: FEDERATION INTERNATIONALE DE L'AUTOMOBILE
(1)

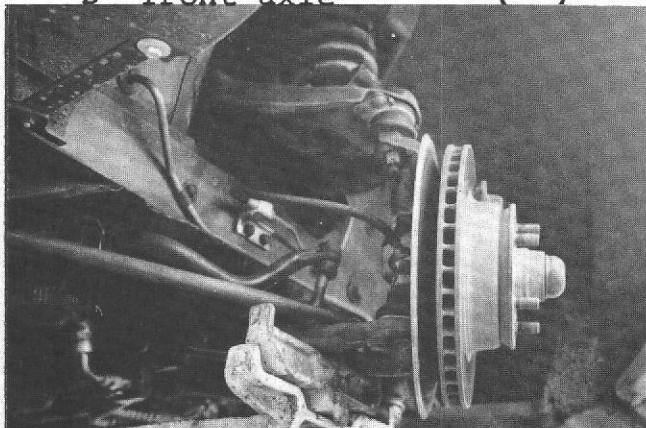
B 3/4 rear car (**)



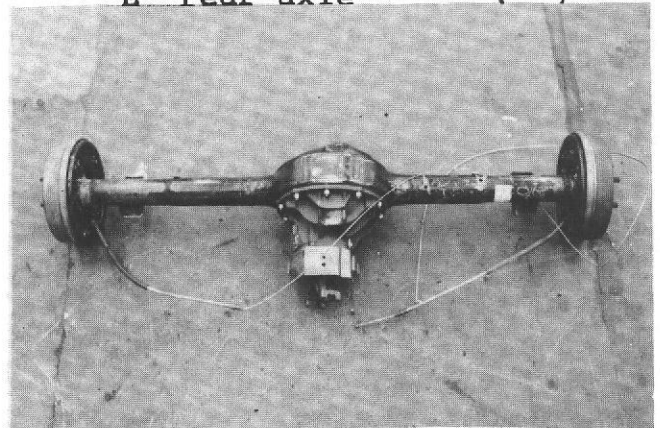
C interior-car (**)



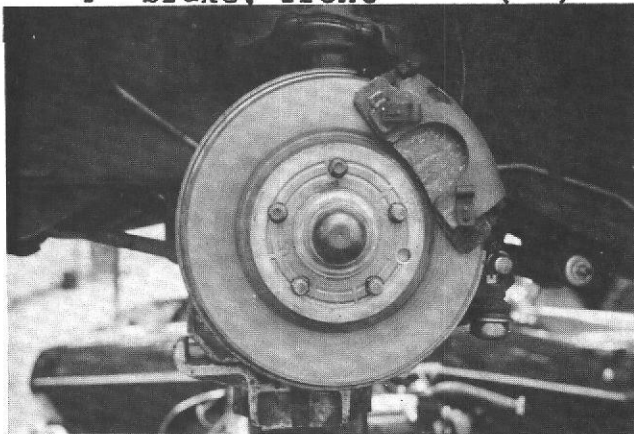
D front axle (**)



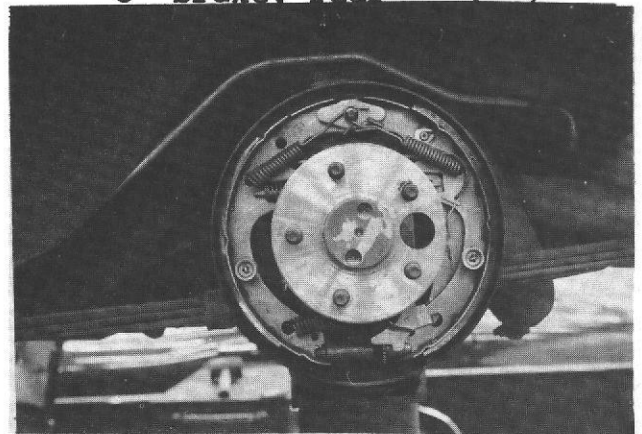
E rear axle (**)



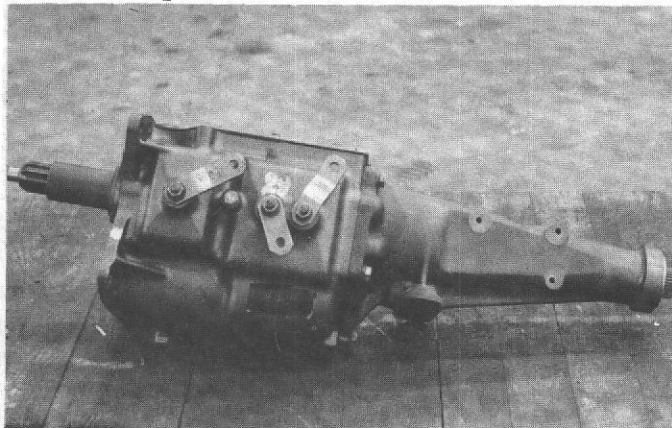
F brake, front (**)



G brake, rear (**)



H gear box (**)



I exhaust system ()

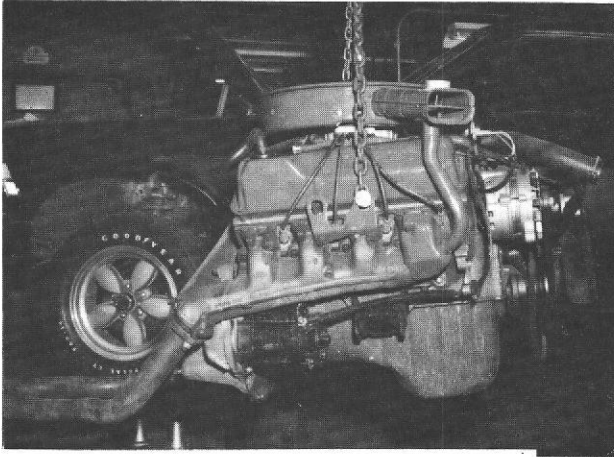


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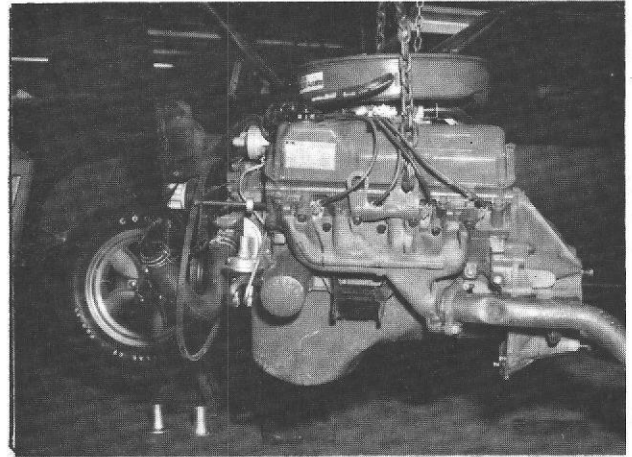
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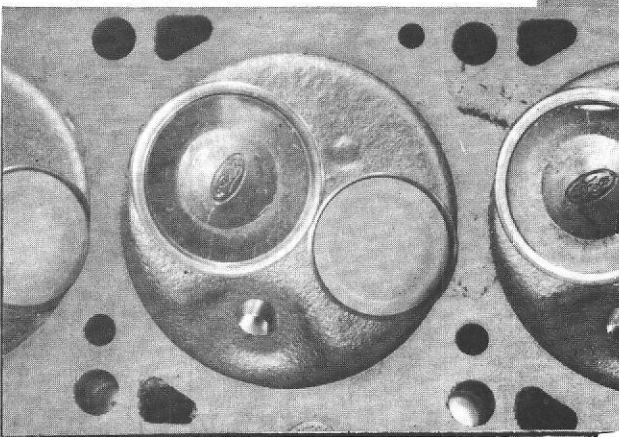
J ENGINE RIGHT (**)



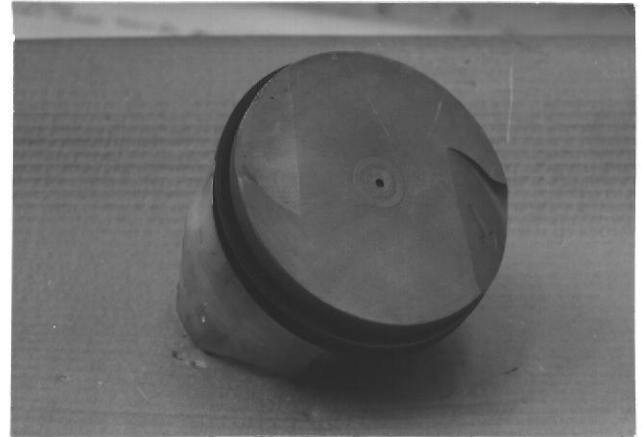
K ENGINE LEFT (**)



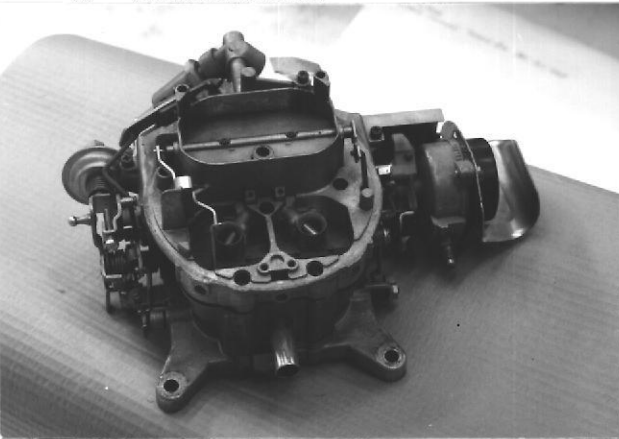
L COMBUSTION CHAMBER



M PISTON TOP ()



N CARBURETOR



O ENGINE IN PLACE (**)



P MANIFOLD INLET



Q MANIFOLD EXHAUST



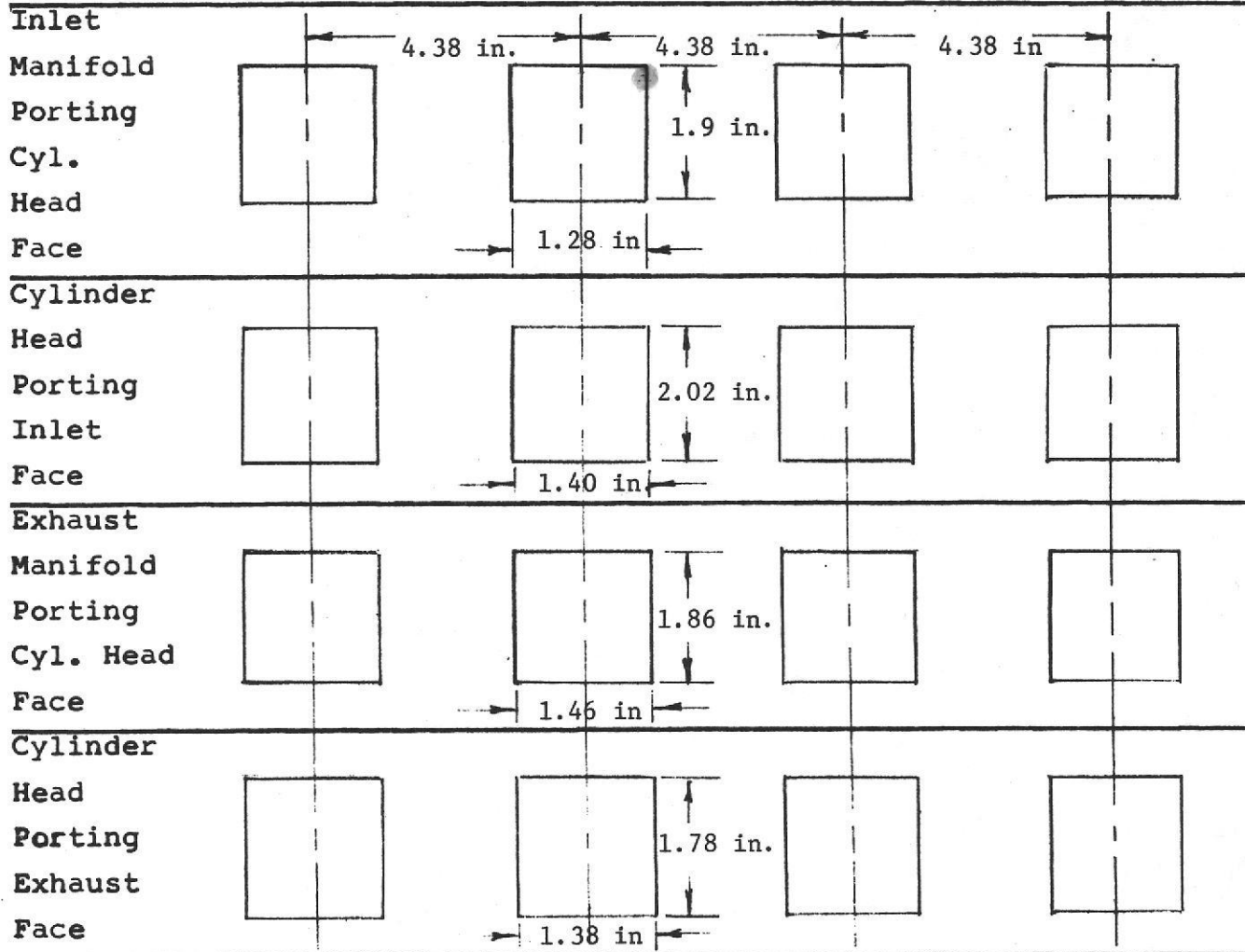
2.31 DIA R.H. - 2.06 DIA L.H.

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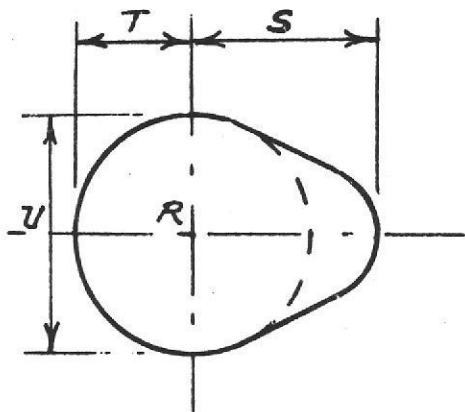
(3)

ALL SKETCHES MUST INDICATE ACTUAL DIMENSIONS AND MANUFACTURER'S TOLERANCES. +/- .10 in. or +/- 2.54 mm.



THE ABOVE PORT SIZES ARE APPLICABLE TO CYLINDER HEAD NO. DOAE-6049-J

CAM



Inlet cam

S=	24.54	mm	.966	in
T=	18.26	mm	.719	in
U=	36.53	mm	1.438	in

Exhaust cam

S=	24.92	mm	.981	in
T=	18.26	mm	.719	in
U=	36.53	mm	1.438	in

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MAKE Ford Motor Co.

MODEL 1970 351 Mustang

FIA REC # 1591

M
351
G II

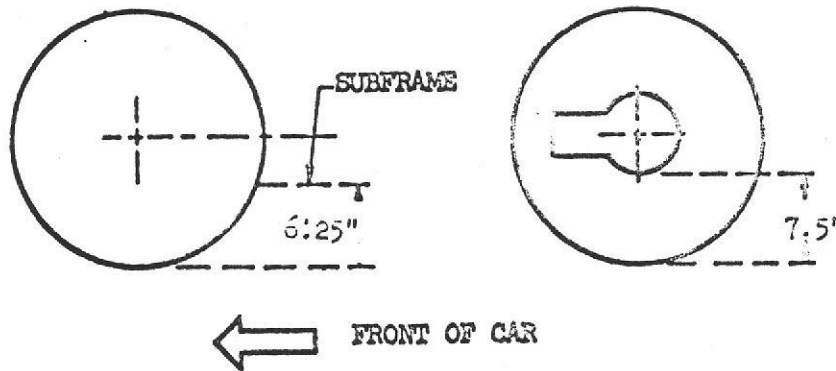
IMPORTANT: Questions 1 through 9 must be answered in two measuring systems, one of which must be the metric system.
See conversion table at index.

CAPACITIES & DIMENSIONS

- (**) 1. Wheelbase 2743.2 mm 108.0 in
 - (**) 2. Front track with 7" wheels 1549.4 mm 61.0 in + 0° camber
 - (**) 3. Rear track with 7" wheels 1549.4 mm 61.0 in + 0" toe-in
- + Differences in track resulting from use of optional wheel and rim sizes must be stipulated on recognition application forms.

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"



- 4. Overall length of car 477 cm 187.4 in
- 5. Overall width of car 182.1 cm 71.7 in
- 6. Overall height of car 128 cm 50.4 in
- 7. Capacity of fuel tank (reserve included) 83.5/ [redacted] ltrs.
22/ [redacted] 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.

1450

kg [redacted] 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 hand operated window regulator
- 32. Window, rear quarter - material/s glass/hinged

ACCESSORIES AND UPHOLSTERY

- 38. Heating, interior - yes no optional
- 39. Air conditioning - yes no optional
- 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
CHECK: BENCH _____ BUCKET X CONSOLE INCLUDED Optional
- 43. Seats, rear - type of seat and upholstery Bench/vinyl
- 44. Bumper, front - material/s steel kg 5.13 lbs 11.3 Weight
- 45. Bumper, rear - material/s steel kg 5.76 lbs 12.7 Weight

WHEELS

- 50. Type steel
- 51. Weight (per wheel, without tire) 5.9 kg 13 lbs
- 52. Method of attachment stud and nut (5)
- 53. Rim, diameter 381 mm 15 in
- 54. Rim, width 178 mm 7 in

STEERING

- 60. Type recirculating ball and nut
- 61. Servo assistance optional
- 62. Number of turns of steering wheel from lock to lock ~~2.74~~ turns to left 4.64 turns to right
- 63. In case of servo assistance 3.74

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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 rigid axle
- (**) 79. Spring - type leaf
- () 80. Stabilizer - if fitted optional
- 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 One (1) dual
(indicate if duplex master cylinder) Front Rear
- 93. Cylinders - number per wheel one (1) one (1)
- 94. Cylinders - wheel bore 60.45 mm 2.38 in 22.2mm .875 in
(indicate stepped bore dimensions if applicable)

Drum Brakes

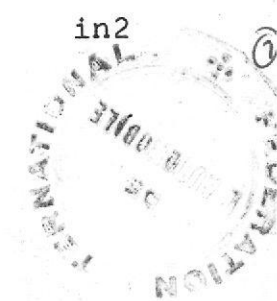
- | | <u>Front</u> | <u>Rear</u> |
|------------------------------|---------------------------------|--|
| 95. Diameter, inside | mm 254 | mm 10.0 in |
| 96. Linings, length | mm 495 | mm 19.5 in |
| 97. Linings, width | mm 50.8 | mm 2.0 in |
| 98. Shoes - number per brake | | Two (2) |
| 99. Area, total - per brake | mm ² in ² | mm ² 39.0 in ²
25,162.8 |

Disc Brakes

- | | | | | |
|------------------------------|-----------------------------------|--|-----------------|-----------------|
| 100. Diameter, outside | 287 | mm 11.3 in | mm | in |
| 101. Thickness of disc | 24.00 | mm .945 in | mm | in |
| 102. Lining - length | Primary 163.23
Secondary 124.5 | mm 6.82 in
mm 4.95 in | mm | in |
| 103. Lining - width | Primary 55.8
Secondary 52.6 | mm 2.20 in
mm 2.07 | mm | in |
| 104. Pads - number per brake | Two (2) | | | |
| 105. Area, total - per brake | 16,324 | mm ² / 25.3 in ² | mm ² | in ² |

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- () 156. Fan, cooling (if fitted) - diameter 44.6 cm 17.56 in
() 157. Fan, cooling - number of blades five (5) material/s

BEARINGS

- (**) 158. Crankshaft, main - type insert diameter 69.9 mm 2.75 in
(**) 159. Connecting rod, big end - type insert diameter 58.7 mm 2.31 in

WEIGHTS

- () 160. Flywheel (clean) 9.07 kg 20.0 lbs \pm 5%
() 161. Flywheel with clutch (all rotating parts) 30.3 kg 66.8 lbs \pm 5%
() 162. Crankshaft 22.7 kg 50.1 lbs \pm 5%
163. Connecting Rod .779 kg 1.72 lbs
() 164. Piston with rings & pin .609 kg 1.344 lbs \pm 5%

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 aluminum/cast iron
181. Valves (overall) - diameter 51.82 mm 2.04 in
() 182. Valve lift - maximum 1.09 mm .43 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 zero in
() 187. Valves - open at (with tolerance for tappet 18° BTC clearance indicated)
() 188. Valves - close at (with tolerance for tappet 70° ABC clearance indicated)
() 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 41.91 mm 1.65 in
197. Valve, lift - maximum 11.4 mm .45 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)
mm zero in
- () 202. Valves - open at (with tolerance for tappet 81° BBC
clearance indicated)
- () 203. Valves - close at (with tolerance for tappet 19° ATC
clearance indicated)

CARBURETION (See Photo N)

210. Carburetors, fitted - number one (1)
211. Type Down draft
- () 212. Make Holley and/or Autolite
- () 213. Model 9510
214. Carburetors - number of mixture passages Four (4) and/or Two (2)
- () 215. Carburetor - flange hole diameter of exit port
42.9 mm 1.687 in
216. Venturi - throat diameter+ 42.9 mm 1.687 in

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)
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 - front R.H. corner
241. Voltage - volts amp hrs 45

ENGINE & CAR PERFORMANCE as declared by mfr. in catalogue

- () 250. Horsepower - maximum engine output 300 at 5400 rpm
(indicate SAE or DIN)
- () 251. RPM - maximum output at that figure 290
- () 252. Torque - maximum 380 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 27.94 cm 11.0 in
263. Linings - diameter - inside 17.78 cm 7.0 in
- Linings - diameter - outside 27.94 cm 11.0 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	2.78	$\frac{23}{30} \frac{32}{15}$	2.46					
2	1.93	$\frac{23}{30} \frac{31}{21}$	1.46	Torque converter maximum ratio at stall 2.02:1				
3	1.36	$\frac{23}{30} \frac{25}{24}$	1.00					
4	1.00	Direct						
5								
6								
reverse	2.78	2.20						

- 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 4 pinion
- (**) 292. Limited Slip Differential (if fitted) - type \neq Positive locking by clutch, ratchet or roller
- 293. Ratio 3.25 standard 3.00 automatic
- Teeth - number $\frac{12}{39}$ $\frac{13}{39}$

(\neq) Specify friction or tooth type locking differential
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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	17.4 lbs.
S8MR-2025-A	Rear Disc Brake Kit, includes:	65 lbs.
	2 - Brake rotors - ventilated	
	2 - Caliper assemblies - R.H. & L.H.	
	2 - Brackets, caliper mounting - R.H. & L.H.	
	2 - Hubs, with required bearing assemblies, lines, fittings, and attaching parts	

Applicable dimensions:

100. Diameter outside	11.3 in.	287 mm
101. Thickness of rotor	.94 in.	24.2 mm
102. Lining - Length	4.875 in.	123 mm
103. Lining - Width	1.81 in.	45.97 mm
104. Pads - no. per brake	Two (2)	
105. Area - total per brake	17.65 in. ²	12,214 mm ²

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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

S8MR-2025-B Front Disc Brake Kit - 4 Piston, includes: 21 lbs.
2 - Caliper assemblies - R.H. & L.H. (Piston bore-1.625" - 41.3 mm)
2 - Brackets, caliper mounting - R.H. & L.H.
lines, fittings, and attaching parts

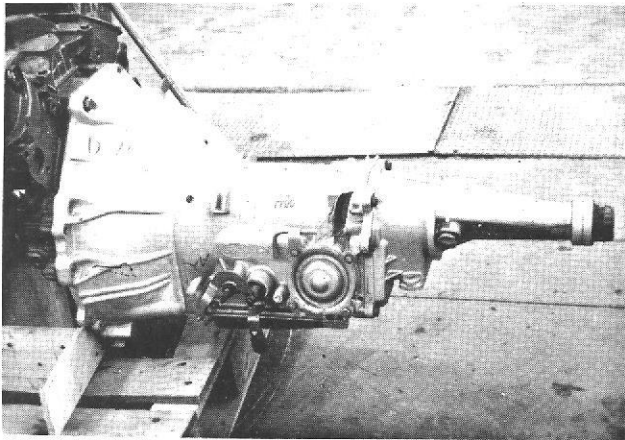
S8MR-2025-C Front Disc Brake Kit, includes: 75 lbs.
2 - Brake rotors - ventilated
2 - Caliper assemblies - R.H. & L.H.
2 - Brackets, caliper mounting - R.H. & L.H.
2 - Hubs, with required bearing assemblies, lines,
fittings and attaching parts

Applicable dimensions:

100. Diameter, outside	11.96 in.	303.8 mm
101. Thickness of rotor	1.25 in.	31.8 mm
102. Lining - Length	5.36 in.	136.1 mm
103. Lining - Width	1.90 in.	48.3 mm
104. Pads - no. per brake	Two (2)	
105. Area - total per brake	20.36 in. ²	13,147.3 mm ²

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Deletion option - deletes all sealers, sound deadeners and outside trim.



Automatic Transmission Photo H



Interior with Automatic Transmission

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Ford Motor Co.

MODEL 1970 351 Mustang IA REC #

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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN
(Continued)

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

S9MR-10849-A High Performance Instrument Cluster, includes:
1 - Panel, instrument
1 - Tachometer
1 - Oil Pressure Gauge
1 - Temperature Gauge
1 - Water Temperature Gauge
1 - Fuel Pressure Gauge
1 - Speedometer

SK-37384 10.4" Metallic Clutch Disc

SK-37471 Clutch Pressure Plate Assy

KKX-3801-907-13 Front Spoiler
KKX-3849-907-13 " "

KKX-3361-41 Heavy Duty Competition Oil Pump

DOZX-7003-G-AL Transmission - Borg Warner with aluminum case

Kit No. KKK-2860-41

KKX-1990 Spindle
KKX-1983/4 Brake Caliper Mounting Brackets
KKX-2726/7 Brake Calipers - Front
C5VY-1102-C Hub & Rotor Assembly
KKX-2864 Engine Compartment Cross Brace - Lower
KKX-2853 Engine Compartment Cross Brace - Upper

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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN

(Continued)

Kit No. KXX-2861-41

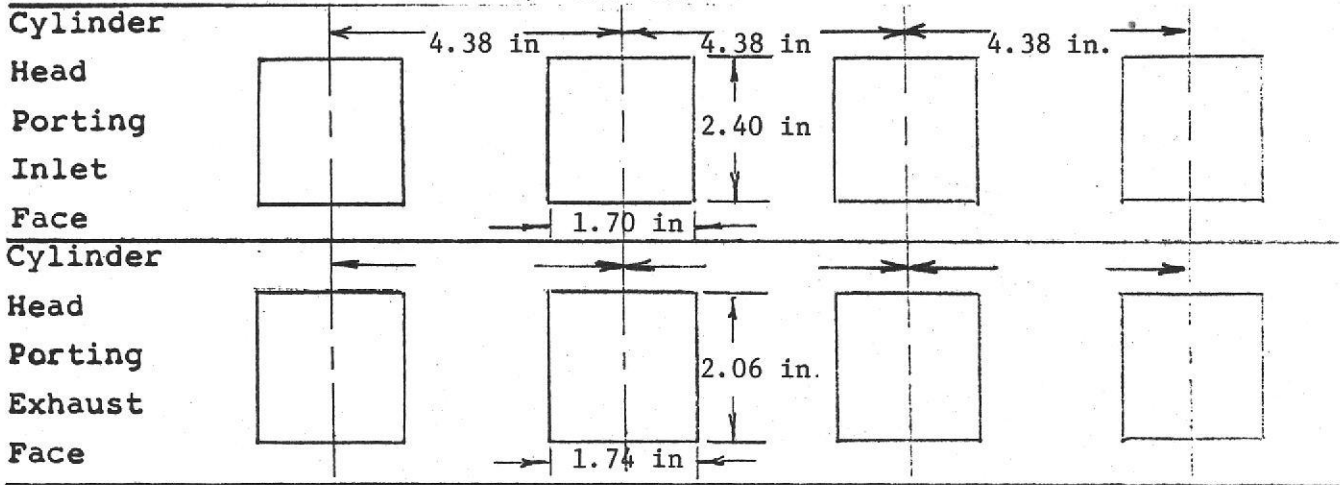
- KKL-249 Front Hub Assembly
- KKX-2254 Lower Control Arm L.H.
- KKX-2392 Lower Control Arm R.H.
- KKX-2585 Upper Control Arms
- KKX-2758 Seat & Bushing Assembly Upper Arm
- KKX-2696 Tie Strut & Pivot Assy R.H.
- KKX-2697 Tie Strut & Pivot Assy L.H.
- KKX-2691 Rod Assembly - Steering
- KKX-2368 Tie Rod Assembly
- KKX-2372 Idler Arm Assembly
- KKX-2386 Engine Compartment Cross Brace - Lower
- KKX-2853 Engine Compartment Cross Brace - Upper

DOAE-6325,27,
29,30,34-D Main Bearing Cap - 4 Bolt

DOZX-6A585-A Rocker Arm - Valve

DOAE-6049-J Cylinder Head

Tolerances: +/- .010 in. or +/- 2.54 mm



Intake Valve Diameter = 2.19"
Exhaust Valve Diameter = 1.71"

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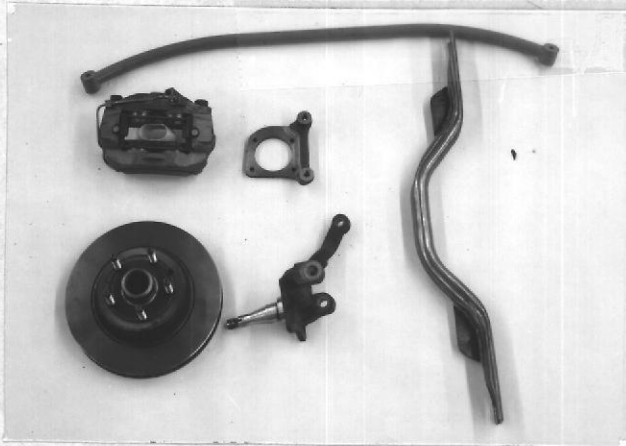
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Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



Kit KKK-2860-41



Kit KKK-2861-41



Optional Rear Disc Brake with Protective Shield



Optional Front Disc Brake



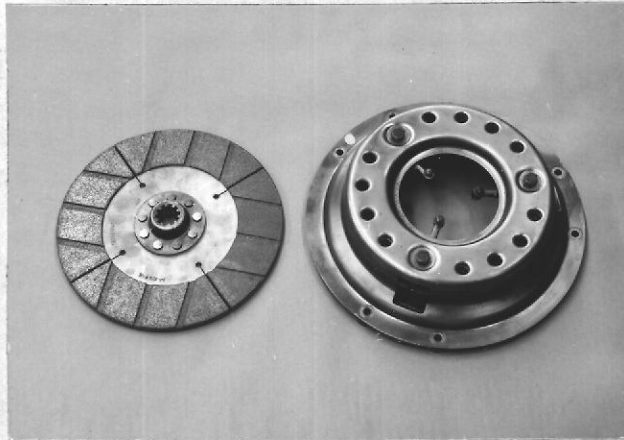
Fuel Tank - 120 liters
or 31.7 gallons



Front Valance Panel - 7 lbs.

MAKE Ford Motor Co. MODEL 1970 351 Mustang FIA REC # 1591

Optional Equipment - CATALOGUE PART NUMBER MUST BE GIVEN



Optional Clutch - no modifications
necessary to install

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Telephone: (203) 348-6233



Cable Address: "ACCUSFIA" Stamford, Conn.

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

433 MAIN STREET, STAMFORD, CONN. 06901

FEDERATION INTERNATIONALE DE L'AUTOMOBILE

PRODUCTION CERTIFICATE

Date February 28, 1970

MANUFACTURER Ford Motor Company

MODEL DESIGNATION Mustang

TYPE DESIGNATION 351 C.I.D. (OF02M)

PRODUCTION PERIOD: From September 1, 1969
To March 1, 1970

Monthly Production

I hereby certify that the production mentioned hereabove concerns cars which are entirely completed and in conformity with the specifications of the recognition form submitted for the said model and type.

Month/Year	Number
Aug. 1969	1,543
Sept. 1969	5,315
Oct. 1969	7,276
Nov. 1969	5,086
Dec. 1969	5,217
Jan. 1970	4,433
Feb. 1970	1,528
TOTAL	30,398

Signed for Manufacturer: *Gregory H. ...*

Title: Special Vehicles Manager

Production Verification Date February 28, 1970

BY *[Signature]*

Title Manufacturing Liaison Manager

REMARKS: