

RECOGNITION DOCUMENT

A) Vehicle seen from 3/4 front

B) Vehicle seen from 3/4 rear



1. GENERAL

101. Manufacturer

FORD MOTOR COMPANY

102. Commercial name(s) - Model and type

MUSTANG GT500

103. Engine capacity

5404 cm³ Corrected engine capacity 5404 x 1.7 = 9186.8 cm³

104. Type of car construction

a) Type

separate chassis

monocoque

b) Material of chassis / bodyshell

STEEL

106. Number of seats

4

2. DIMENSIONS, WEIGHT

Minimum Racing Weight

1698 kg

202. Overall length

4778 mm ± 1 %

203. Maximum overall width

1877 mm ± 1 % Where measured REAR AXLE CENTRELINE

204. Width of bodywork

a) At front axle

1854 mm ± 1 %

b) At rear axle

1877 mm ± 1 %

206. Wheelbase

2720 mm ± 1 %

207. Maximum track

a) Front **1572 mm**

b) Rear **1588 mm**

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3. ENGINE (In case of rotary engine, see Art. 335 on additional form)

301. Location and position of the engine **FRONT LONGITUDINAL VERTICAL**

302. Number of mounts **2**

Engine in its compartment



304. Supercharging yes no

Maximum manifold pressure **0.60 BAR**

Type and number of compressors **1**

305. Number and layout of cylinders **V8**

312. Cylinder block material **CAST IRON**

310. Maximum compression ratio **8.40 : 1 : 1**

313. Sleeves a) yes no b) Material _____ c) wet dry

314. Bore **90.20** +/- 0.1 mm

316. Stroke **105.80** +/- 0.1 mm

321. Cylinderhead a) Number **2** b) Material **ALUMINIUM ALLOY**

324. Fuel feed by injection : a) Make **FORD** b) Model _____

f) Position of Injectors:

f1) Manifold Cylinderhead

325. Camshaft a) Number **4** b) Location **DOHC**
c) Drive system **DUAL CHAIN** f) Type of valve operation **ROCKER ARM**

327. Intake a) Material of manifold **ALUMINIUM ALLOY**
b) Number of manifold elements **1** c) Number of valves per cylinder **2**

28. Exhaust



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- a) Material of manifold **STEEL TUBE**
- b) Number of manifold elements **2**
- d) Number of valves per cylinder **2**
- p) External Diameter of exhaust pipe between manifold and first silencer **63.50** mm ± 5%

330. Ignition system

- a) Type **FORD ELECTRONIC**
- b) Number of plugs per cylinder **1**
- c) Number of distributors **NIL**
- d) Number of coils **8**

331. Cooling system

Capacity **19.9** L

332. Cooling fan

- a) Number **1**
- b) Diameter of the fan **440** mm
- c) Material of the fan **PLASTIC**
- d) Number of blades **8**
- e) Type of drive **ELECTRIC**
- f) Automatic cut in

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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333. Lubrication system

- a) Type **WET SUMP**
- b) Number of oil pumps **1**
- c) Total capacity **6.5** L
- e) Location of the cooler(s) **LEFT HAND SIDE OF ENGINE BLOCK**
- f) Type of the cooler(s) **HEAT EXCHANGER**

4. FUEL CIRCUIT

401. Fuel tank

- b) Location **REAR CENTRE LATERAL**
- d) Total capacity **60.5** L

402. Fuel pump(s)

- a)

<input checked="" type="checkbox"/> Elelectrical	<input type="checkbox"/> Mechanical
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- b) Number **2**
- d) Location **IN TANK**

Fuel Pressure _____

5. ELECTRICAL EQUIPMENT

502. Alternator

- a) Number **1**
- b) Type **ALTERNATOR**
- c) Drive system **MULTI RIB BELT**
- d) Nominal power **100** Amp

503. Retractable headlights

- a)

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- b) Control system **XXXX**

6. POWER TRAIN

601. Driven wheels

- front

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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- rear

<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
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602. Clutch

- a) Type **DUAL PLATE DRY**
- b) Control system **HYDRAULIC**

603. Gearbox

- a) Location **CENTRE LONGITUDINAL**
- b) Make **TREMEC**
- c) Type and location of control **MECHANICAL ON FLOOR**



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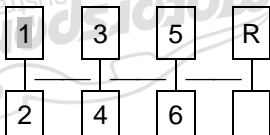
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e) Ratios

	Number of teeth	Ratio	Constant Mesh	Synchro
1	_____	<u>2.97</u>	_____	_____
2	_____	<u>1.78</u>	_____	_____
3	_____	<u>1.30</u>	_____	_____
4	_____	<u>1.0</u>	_____	_____
5	_____	<u>.80</u>	_____	_____
6	_____	<u>.63</u>	_____	_____
R	_____	_____	_____	_____
Constant	_____	_____	_____	_____

f) Gear change gate



604. Transfer box / Centre differential

a) Ratios

N/A

c) Control system of transfer box

d) Type of central differential

605. Final drive

a) Type of final drive

MECHANICAL HELICAL GEAR

b) Ratio

3.31 / 3.5

f) Oil Cooler

yes

no

yes

no

g) Cooler Type

606. Shafts

a) Type of longitudinal shafts

TWO PIECE CENTRE BEARING

b) Material of longitudinal shafts

STEEL

c) Type of transversal half-shafts

d) Material of transversal half-shafts

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7. SUSPENSION

701. General

	Front		Rear	
a) Type of suspension	<u>INDENDANT MCPHERSON</u>		<u>3 LINK CONTROL ARM</u>	
702. Helical springs	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
a) Material	<u>STEEL</u>		<u>STEEL</u>	
703. Leaf springs	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	_____		_____	
704. Torsion bars	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no	<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
a) Material	_____		_____	

705. Other type of suspension

See description on additional form

706. Stabiliser

	Front	Rear
b) Effective diameter	<u>34</u> mm	<u>24</u> mm
c) Material	<u>STEEL</u>	<u>STEEL</u>

707. Suspension Dampers

	Front	Rear
a) Number per wheel	<u>1</u>	<u>1</u>
b) Type	<u>TELESCOPIC</u>	<u>TELESCOPIC</u>
c) Principle of operation	<u>HYDRAULIC</u>	<u>HYDRAULIC</u>

8. WHEELS

801. Wheels

	Front	Rear
a) Diameter	<u>18"</u>	<u>18"</u>
b) Width	<u>9.5"</u>	<u>9.5"</u>
c) Offset	<u>45</u> mm	<u>45</u> mm



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803. Brakes

- a) Braking system
- b) Number of master cylinders
- c) Servo-brakes

HYDRAULIC WITH ABS

1

yes no

c1) Make and type

FORD TRW , VACUUM

	Front	Rear
e) Number of cylinders per wheel	4	2
f) Drum brakes	XXXX	XXXX
f1) Internal diameter	XXXX	XXXX
f2) Number of linings per wheel	2	2
g) Disc brakes	1	1
g1) Number of pads per wheel	ALUMINIUM	ALUMINIUM ALLOY
g2) Number of calipers per wheel	ALLOY	
g3) Caliper material	32 ± 1 mm	32 ± 1 mm
g4) Thickness of new disc	355.6 ± 1.5 mm	355.6 ± 1.5 mm
g5) External diameter of the disc	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
g9) Ventilated discs		

h) Parking brake: h1) Control system **MECHANICAL**

h2) Location of lever **BETWEEN SEATS**

Front Rear

804. Steering

- a) Type
 - b) Servo-assistance
- Type of Assistance

Front		Rear	
<u>RACK & PINION</u>		XXXX	
<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no	<input type="checkbox"/> yes	<input type="checkbox"/> no
<u>HYDRAULIC</u>		XXXX	

9. BODYWORK

901. Interior

- a) Ventilation
- c) Air Conditioning

yes no
 yes no

b) Heating

yes no

f) Optional sun roof

yes no

f1) Type _____

f2) Control system _____

g) Opening system for side windows

Front	Rear
<u>ELECTRIC POWER</u>	<u>FIXED</u>



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X) Dashboard



Y) Sunroof



902. Exterior

a) Number of doors **2**

b) Tailgate

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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c) Door material

Front	Rear
<u>STEEL</u>	<u>XXXX</u>

d) Front bonnet material

ALUMINIUM ALLOY

e) Rear bootlid / tailgate material

STEEL

f) Bodywork material

STEEL

h) Rear window material

SAFETY GLASS

i) Rear quarter window material

SAFETY GLASS

k) Side window material

Front	Rear
<u>SAFETY GLASS</u>	<u>SAFETY GLASS</u>
<u>PLASTIC</u>	<u>PLASTIC</u>

l) Material of bumper

n) Exterior Rear wiper

<input type="checkbox"/> yes	<input checked="" type="checkbox"/> no
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XIII) NON METALLIC PARTS OF THE BODY

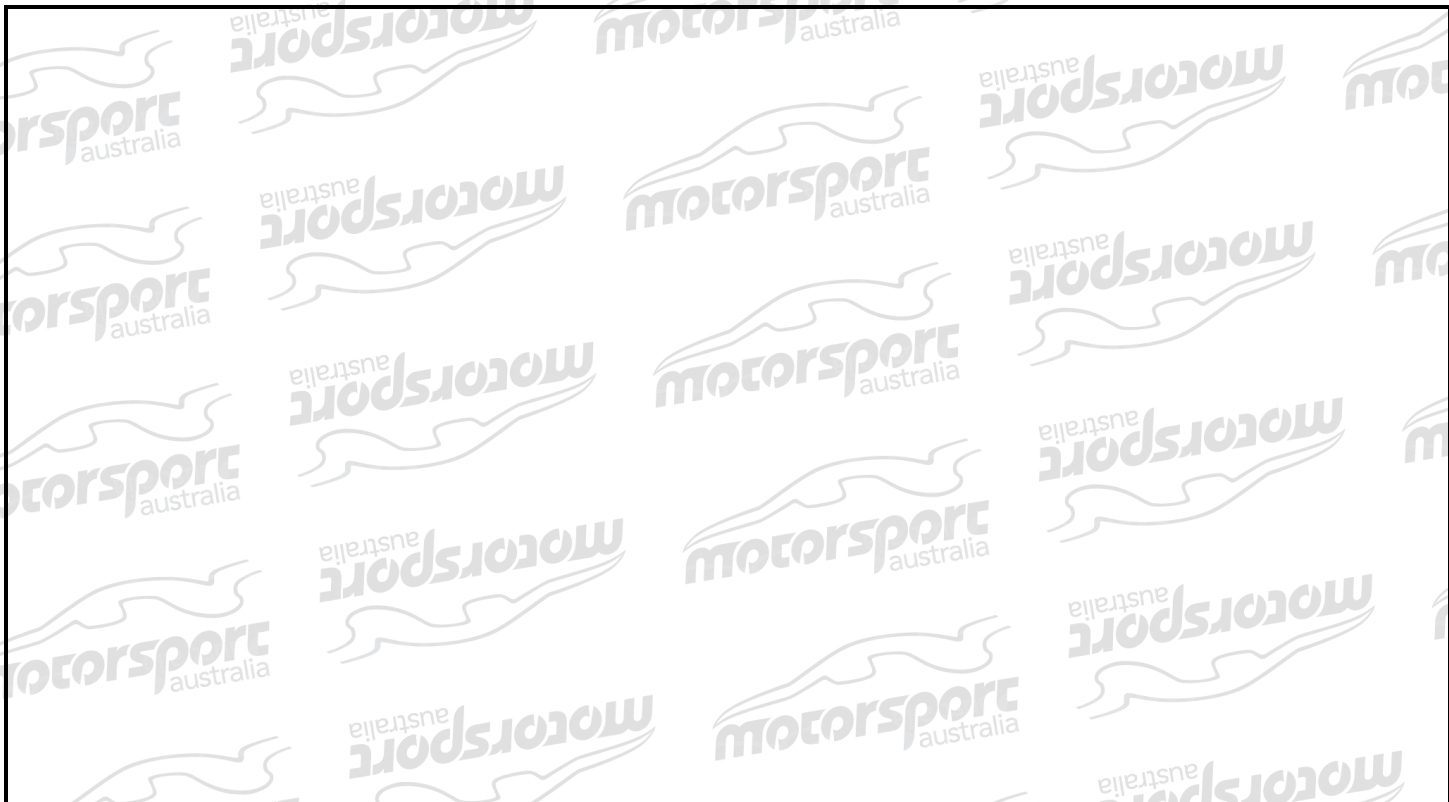
Number	Part	Material
	Face Front Bumper	Plastic
	Face Lamp, Front, head	Plastic
	Air Dam, side	Plastic
	Mirror door	Plastic
	Spoiler rear	Plastic
	Antenna r/h fender	Plastic
	Face rear bumper	Plastic
	Face lamp rear combination	Plastic
	Handle, door, outside	Plastic
	Face lamp side, turn signal	Plastic
	Face lamp rear clearance in bumper	Plastic
	Moldings around door	Plastic
	Grille front	Plastic
	Scoops hood	Plastic

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COMPLEMENTARY INFORMATION

