

# MOTOR VEHICLE MANUFACTURERS SPECIFICATIONS

**METRIC (U.S. Customary)**

## 2003

|                                                                                                                    |                                         |  |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------|--|
| <b>Manufacturer</b><br><br>FORD MOTOR COMPANY                                                                      | <b>Vehicle Line</b><br><br>FORD MUSTANG |  |
| <b>Mailing Address</b><br>RESEARCH AND ENGINEERING CENTER MD 3021<br>P O BOX 2053<br>DEARBORN, MICHIGAN 48121-2053 | <b>Issued</b><br>JANUARY 2003           |  |
|                                                                                                                    | <b>Revised</b>                          |  |

Direct questions concerning these specifications to the manufacturer listed above

The information contained herein is prepared, distributed by, and is the sole responsibility of the vehicle manufacturing company to whose products it relates. This suggested specification form was developed by the vehicle manufacturing company members of the Alliance of American Manufacturers (AAM) and the Association of International Automobile Manufacturers, Inc (AIAM).

The General Specifications herein after were in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.

**AAM/AIAM**

Data Supplied by Member Companies

# Specifications

## METRIC

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#### NOTE

- 1 This form uses both SI Metric units and U S Customary units. The metric unit of measure is presented first and the U S Customary unit follows in parentheses.
- 2 UNLESS OTHERWISE INDICATED
  - a Specifications apply to standard models without optional equipment. Significant deviations are noted.
  - b Nominal design dimensions are used throughout these specifications.
  - c All linear dimensions are in millimeters (inches) and all mass (weight) specifications are in kilograms (pounds).
- 3 The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
- 4 Additional vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

# Specifications

Vehicle Line MUSTANG  
 Model Year 2003 Issued 01/03 Revised (\*) \_\_\_\_\_

## METRIC

### Vehicle Origin

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| Design & development (company)                | Ford Motor Company                |
| Where built (country)                         | U S A                             |
| Authorized U S sales marketing representative | Ford Division, Ford Motor Company |

### Vehicle Models

| Model Description & Drive (FWD/RWD/AWD/4WD)* | Introduction Date | Make Vehicle Models Series Body Type (Mfr's Model Code) | No. of Designated Seating Positions (Front/Rear) | Max Trunk/Cargo Load Kilograms (Pounds) | EPA Fuel Economy (City/Hwy) |
|----------------------------------------------|-------------------|---------------------------------------------------------|--------------------------------------------------|-----------------------------------------|-----------------------------|
| <b>REAR WHEEL DRIVE (RWD)</b>                |                   |                                                         |                                                  |                                         |                             |
| <b>MUSTANG MODEL</b>                         | <b>9/02</b>       |                                                         |                                                  |                                         |                             |
| 2-Door Coupe                                 |                   | P40/100A/110A/120A                                      | 2 / 2                                            | 28 (62)                                 | 20 / 29                     |
| 2-Door Convertible                           |                   | P44/150A/160A                                           | 2 / 2                                            | 28 (62)                                 | 20 / 29                     |
| <b>MUSTANG GT MODEL</b>                      | <b>9/02</b>       |                                                         |                                                  |                                         |                             |
| 2-Door Coupe                                 |                   | P42/130A/140A                                           | 2 / 2                                            | 28 (62)                                 | 18 / 26                     |
| 2-Door Convertible                           |                   | P45/170A/180A                                           | 2 / 2                                            | 28 (62)                                 | 18 / 26                     |
| <b>MUSTANG MACH 1 MODEL</b>                  | <b>11/02</b>      |                                                         |                                                  |                                         |                             |
| 2-Door Coupe                                 |                   | P42/145A                                                | 2 / 2                                            | 28 (62)                                 | 17 / 25                     |

\* FWD Front Wheel Drive RWD Rear Wheel Drive AWD All Wheel Drive 4WD Four Wheel Drive

# Specifications

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## METRIC

### Power Teams

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in Hg/100 kPa atmospheric pressure

|                            |                                                  | A                                            | B                                            | C                                            | D                                            |
|----------------------------|--------------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| E<br>N<br>G<br>I<br>N<br>E | Engine Code                                      | 994                                          | 994                                          | 99X                                          | 99X                                          |
|                            | Displacement<br>Liters (in³)                     | 3.8 (232)                                    | 3.8 (232)                                    | 4.6 (281)                                    | 4.6 (281)                                    |
|                            | Induction System<br>(FI Carb, etc.)              | Sequential Electronic Port<br>Fuel Injection | Sequential Electronic Port<br>Fuel Injection | Sequential Electronic Port<br>Fuel Injection | Sequential Electronic Port<br>Fuel Injection |
|                            | Compression<br>Ratio                             | 9.3:1                                        | 9.3:1                                        | 9.38:1                                       | 9.38:1                                       |
|                            | SAE<br>Net<br>at<br>RPM                          | Power<br>kW (bhp)                            | 144 (193) @ 5500                             | 144 (193) @ 5500                             | 194 (260) @ 5250                             |
|                            |                                                  | Torque<br>N·m (lb ft)                        | 305 (225) @ 2800                             | 305 (225) @ 2800                             | 409 (302) @ 4000                             |
| T<br>R<br>A<br>N<br>S      | Exhaust<br>single dual                           | Single                                       | Single                                       | Dual                                         | Dual                                         |
|                            | Transmission/<br>Transaxle                       | 5-Speed Man T5OD<br>Transmission             | 4-Speed Auto 4R70W<br>Transmission           | 5-Speed Man T45/TR3650<br>Transmission       | 4-Speed Auto 4R70W<br>Transmission           |
|                            | Effective Final Drive/<br>Axle Ratio (std first) | 3.27:1                                       | 3.27:1                                       | 3.27:1 T                                     | 3.27:1 T                                     |

T5OD — 5-Speed Manual Overdrive  
T45 — 5-Speed Manual Overdrive  
4R70W — 4-Speed Electronic Automatic Overdrive  
T — Traction-Lok Included

| Series Availability                |                    | Power Teams (A - B - C - D - E) |          |
|------------------------------------|--------------------|---------------------------------|----------|
| Model                              | Code               | Standard                        | Optional |
| Mustang 2-Door Coupe               | P40/100A/110A/120A | A                               | B        |
| Mustang 2-Door Convertible         | P44/150A/160A      | A                               | B        |
| Mustang GT 4.6L 2-Door Coupe       | P42/130A/140A      | C                               | D        |
| Mustang GT 4.6L 2-Door Convertible | P45/170A/180A      | C                               | D        |
| Mustang Mach 1 2-Door Coupe        | P42/145A           | E(1)                            | F(1)     |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |
|                                    |                    |                                 |          |

(1) See Page 2A for Specifications

## Power Teams

Model Year 2003

Issued 01/03

Revised (•)

SAE J1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in Hg/100 kPa atmospheric pressure

|                            |                                                  | E                      | F                                            |                                              |  |
|----------------------------|--------------------------------------------------|------------------------|----------------------------------------------|----------------------------------------------|--|
| E<br>N<br>G<br>I<br>N<br>E | Engine Code                                      |                        |                                              |                                              |  |
|                            | Displacement<br>Liters (in <sup>3</sup> )        |                        | 4 6 (281) 4V (DOHC)                          | 4 6 (281) 4V (DOHC)                          |  |
|                            | Induction System<br>(FI Carb etc )               |                        | Sequential Electronic Port<br>Fuel Injection | Sequential Electronic Port<br>Fuel Injection |  |
|                            | Compression<br>Ratio                             |                        | 10 0 1                                       | 10 0 1                                       |  |
|                            | SAE<br>Net<br>at<br>RPM                          | Power<br>kW (bhp)      | 231 (310) @ 6000                             | 230 (308) @ 5800                             |  |
|                            |                                                  | Torque<br>N·m (lb ft ) | 454 (335) @ 4200                             | 438 (323) @ 4750                             |  |
| Exhaust<br>single dual     |                                                  | Dual                   | Dual                                         |                                              |  |
| T<br>R<br>A<br>N<br>S      | Transmission/<br>Transaxle                       |                        | 5-Speed Man TR3650<br>Transmission           | 4-Speed Auto 4R70W<br>Transmission           |  |
|                            | Effective Final Drive/<br>Axle Ratio (std first) |                        | 3 55 1                                       | 3 55 1                                       |  |

**T3650 — 5-Speed Manual Overdrive**

**4R70W — 4-Speed Electronic Automatic Overdrive**

(For Power Team E and F Availability See Page 2)

[illegible]

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

3 8L

## ENGINE - GENERAL

See Page 3A for 4 6L (SOHC) and 3B for 4 6L (DOHC)

Type and description (inline V angle, flat location front mid rear transverse longitudinal sohc dohc ohv hemi wedge pre-chamber etc)

90° Front, Longitudinal, (OHV) Overhead Valve Engine with Modified Wedge Combustion Chambers

Manufacturer Ford Motor Company

No of cylinders Six

Bore 96 8 (3 8)

Stroke 86 0 (3 4)

Bore spacing (C/L to C/L) 106 5

Cylinder block material & mass kg (lbs) (machined) Cast Iron 58 5 (128 9)

Cylinder block deck height 234 385 (9 2)

Cylinder block length 411 (16 2)

Deck clearance (minimum) 0 117 Below to 0 409 Above  
(above or below block)

Cylinder head material & mass kg (lbs) Aluminum 7 97 (17 57)

Cylinder head volume cm<sup>3</sup> (inches<sup>3</sup>) 63 0 (3 84)

Cylinder liner material N / A

Head gasket thickness (compressed) 1 13 - 1 19 (0 044 - 0 047) 1 17 Nominal

Minimum combustion chamber total volume cm<sup>3</sup> (inches<sup>3</sup>) 63 0 (3 84) ± 1 5 (0 09)

Cyl no system L Bank 4, 5, 6

(front to rear)\* R Bank 1 2 3

Firing order 1 4, 2 5 3 6

Intake manifold material & mass kg (lbs)\*\* Aluminum Upper 5 91 (13 0) Lower 7 73 (17 0)

Exhaust manifold material & mass kg (lbs)\*\* ASTM - A269 Grade TP304L 2 27 (5 0)

Knock sensor (number & location) None

Fuel required unleaded, diesel etc Unleaded

Fuel antiknock index (R + M) - 2 87 Minimum Octane

Quantity Three (2 Engine 1 Transmission)

Engine Material and type (elastomeric hydroelastic hydraulic damper etc) mounts Engine Mounts are Elastomeric Clamshell, Transmission Mount is Shear Mount

Added isolation (sub frame crossmember etc) None

Total dressed engine mass (wt) dry \*\*\* 186 0 (410 0)

## Engine - Pistons

Material & mass g (weight oz) piston only Aluminum Alloy WSD M2A137 B4 448 grams

## Engine - Camshaft

Location In Block

Material & mass kg (weight lbs) SAE 1050 / 1053 Steel Bar Stock and 3 713 (8 17)

Drive type Chain/belt Chain (Silent)

Width/pitch 14 91 - 13 63 (0 587 - 0 537) / 9 525 (0 375)

\* Rear of engine - drive takeoff View from drive takeoff end to determine left & right side of engine

\*\* Finished state

\*\*\* Dressed engine mass (weight) includes the following Front End Dress All Engine Mounted Components and Flex Plate, Excludes Starter and Alternator

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003** Issued **01/03** Revised (\*)

## METRIC

Engine Description  
Engine Code

**4 6L (SOHC)**

## ENGINE - GENERAL

See Page 3 for 3 8L and 3B for 4 6L (DOHC)

Type and description (inline V, angle flat location, front, mid, rear, transverse longitudinal sohc dohc ohv, hemi wedge pre-chamber etc)

90° V-8, Front, Longitudinal, Single Overhead Cam (SOHC), Two Valves Per Cylinder

|                                                                                |                                                                   |                                                                            |
|--------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------------------|
| Manufacturer                                                                   | Ford Motor Company                                                |                                                                            |
| No. of cylinders                                                               | Eight                                                             |                                                                            |
| Bore                                                                           | 90.2 (3.6)                                                        |                                                                            |
| Stroke                                                                         | 90.0 (3.6)                                                        |                                                                            |
| Bore spacing (C/L to C/L)                                                      | 100.0 (3.9)                                                       |                                                                            |
| Cylinder block material & mass kg (lbs) (machined)                             | Cast Iron, 69.9 (154.0)                                           |                                                                            |
| Cylinder block deck height                                                     | 277.0 (8.9)                                                       |                                                                            |
| Cylinder block length                                                          | 500.5 (19.7)                                                      |                                                                            |
| Deck clearance (minimum) (above or below block)                                | 343 (0.14) Below                                                  |                                                                            |
| Cylinder head material & mass kg (lbs)                                         | Aluminum, 15.0 (33.0)                                             |                                                                            |
| Cylinder head volume cm <sup>3</sup> (inches <sup>3</sup> )                    | 50.3 (3.07)                                                       |                                                                            |
| Cylinder liner material                                                        | N/A                                                               |                                                                            |
| Head gasket thickness (compressed)                                             | 0.89 (0.035)                                                      |                                                                            |
| Minimum combustion chamber total volume cm <sup>3</sup> (inches <sup>3</sup> ) | 65.4 (3.99)                                                       |                                                                            |
| Cyl. no. system (front to rear)*                                               | L Bank                                                            | 5, 6, 7, 8                                                                 |
|                                                                                | R Bank                                                            | 1, 2, 3, 4                                                                 |
| Firing order                                                                   | 1, 3, 7, 2, 6, 5, 4, 8                                            |                                                                            |
| Intake manifold material & mass kg (lbs)**                                     | Composite 10.0 (4.5)                                              |                                                                            |
| Exhaust manifold material & mass kg (lbs)**                                    | Cast Iron Nodular, 9.5 (20.9)                                     |                                                                            |
| Knock sensor (number & location)                                               | No                                                                |                                                                            |
| Fuel required unleaded diesel etc                                              | Unleaded                                                          |                                                                            |
| Fuel antiknock index (R + M) - 2                                               | 87 Minimum Octane                                                 |                                                                            |
| Quantity                                                                       | Three (2 Engine, 1 Transmission)                                  |                                                                            |
| Engine mounts                                                                  | Material and type (elastomeric hydroelastic hydraulic damper etc) | Engine Mounts are Elastomeric Clamshell, Transmission Mount is Shear Mount |
|                                                                                | Added isolation (sub frame crossmember etc)                       | None                                                                       |
| Total dressed engine mass (wt) dry ***                                         | (522) Manual Transmission, (484) Automatic Transmission           |                                                                            |

## Engine - Pistons

Material & mass g (weight oz.) piston only Hypereutectic Aluminum Alloy, 356 (12.6)

## Engine - Camshaft

|                                 |                                                           |                          |
|---------------------------------|-----------------------------------------------------------|--------------------------|
| Location                        | In Cylinder Head                                          |                          |
| Material & mass kg (weight lbs) | Tubular Steel 2.54 (5.6) Each 5.1 (11.2) Total Per Engine |                          |
| Drive type                      | Chain/belt                                                | Chain, Inverted Tooth    |
|                                 | Width/pitch                                               | 13.0 (0.51) / 9.5 (0.37) |

\* Rear of engine - drive takeoff View from drive takeoff end to determine left & right side of engine

\*\* Finished state

\*\*\* Dressed engine mass (weight) includes the following Front End Dress, All Engine Mounted Components and Flex Plate, Excludes Starter

# Specifications

Vehicle Line MUSTANG MACH 1

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

**4 6L (DOHC)**

## ENGINE - GENERAL

See Page 3 for 3 8L and 3A for 4 6L (SOHC)

Type and description (inline, V angle flat  
location, front mid rear  
transverse longitudinal, sohc dohc  
ohv hemi wedge, pre-chamber etc )

90°V, Front, Longitudinal, Dual Overhead Cams (DOHC) Per Cylinder Head,  
Four Valves Per Cylinder

|                                                                                        |                                                                            |
|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Manufacturer                                                                           | Ford Motor Company                                                         |
| No of cylinders                                                                        | Eight                                                                      |
| Bore                                                                                   | 90 2 (3 6)                                                                 |
| Stroke                                                                                 | 90 0 (3 6)                                                                 |
| Bore spacing (C/L to C/L)                                                              | 100 0 (3 9)                                                                |
| Cylinder block material & mass kg (lbs ) (machined)                                    | Aluminum Alloy, 38 6 (85 0)                                                |
| Cylinder block deck height                                                             | 277 0 (8 9)                                                                |
| Cylinder block length                                                                  | 500 5 (19 7)                                                               |
| Deck clearance (minimum)<br>(above or below block)                                     | 0 035 ( 00138) Below                                                       |
| Cylinder head material & mass kg (lbs )                                                | Aluminum Alloy, 17 5 (38 5)                                                |
| Cylinder head volume cm <sup>3</sup> (inches <sup>3</sup> )                            | 53 5 (3 26)                                                                |
| Cylinder liner material                                                                | Cast Iron                                                                  |
| Head gasket thickness<br>(compressed)                                                  | 1 0 (0 039)                                                                |
| Minimum combustion chamber<br>total volume cm <sup>3</sup> (inches <sup>3</sup> )      | 63 0 (3 8)                                                                 |
| Cyl no system L Bank<br>(front to rear)*                                               | 5, 6, 7, 8                                                                 |
| R Bank                                                                                 | 1, 2, 3, 4                                                                 |
| Firing order                                                                           | 1 3, 7, 2, 6 5, 4, 8                                                       |
| Intake manifold material & mass kg (lbs )**                                            | Aluminum Alloy, 9 3 (20 5)                                                 |
| Exhaust manifold material & mass kg (lbs )**                                           | Nodular Iron / Sil-Moly, 3 4 (7 5) - LH 3 2 (7 1) - RH                     |
| Knock sensor (number & location)                                                       | Two Cylinder Block Valley                                                  |
| Fuel required unleaded diesel etc                                                      | Unleaded                                                                   |
| Fuel antiknock index (R + M) - 2                                                       | 91 (Minimum)                                                               |
| Quantity                                                                               | Three (2 Engine, 1 Transmission)                                           |
| Engine mounts<br>Material and type (elastomeric<br>hydroelastic hydraulic damper etc ) | Engine Mounts are Elastomeric Clamshell, Transmission Mount is Shear Mount |
| Added isolation (sub frame<br>crossmember etc )                                        | None                                                                       |
| Total dressed engine mass (wt) dry ***                                                 | 243 (535)                                                                  |

## Engine - Pistons

Material & mass g  
(weight oz ) piston only

Aluminum Alloy, 354 (12 5)

## Engine - Camshaft

|                                  |                                                                      |
|----------------------------------|----------------------------------------------------------------------|
| Location                         | In Cylinder Heads                                                    |
| Material & mass kg (weight lbs ) | Tubular Steel, 2 4 (5 2) Each, 9 4 (20 8) Total Per Engine           |
| Drive type                       | Chains                                                               |
| Width/pitch                      | Primary 13 3 (0 52) / 9 5 (0 37), Secondary 13 8 (0 54) / 9 5 (0 37) |

\* Rear of engine - drive takeoff View from drive takeoff end to determine left & right side of engine

\*\* Finished state

\*\*\* Dressed engine mass (weight) includes the following All Engine Mounted Components and Flywheel and Clutch Excludes Starter and Power Steering Reservoir

# Specifications

Vehicle Line MUSTANGModel Year 2003Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

3 8L

### Engine - Valve System

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| Hydraulic lifters (std opt n a ) | Standard with Roller Tappets                       |
| Valves                           | Number intake/exhaust 6 / 6                        |
|                                  | Head O D intake/exhaust 47 27 (1 86) / 37 1 (1 46) |

### Engine - Connecting Rods

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Material & mass kg , (weight lbs )* | Powered Metal, 486 - 492 grams (Crank Pin In) |
| Length (axes C/L to C/L)            | 154 66 - 154 74 (6 08 - 6 09)                 |

### Engine - Crankshaft

|                                           |                                 |
|-------------------------------------------|---------------------------------|
| Material & mass kg , (weight lbs )*       | Nodular Cast Iron, 14 51 (32 0) |
| End thrust taken by bearing (no )         | #3                              |
| Length & number of main bearings          | 4                               |
| Seal (material one two piece design etc ) | Front Flourocarbon, One Piece   |
|                                           | Rear Flourocarbon, Dual Lip     |

### Engine - Lubrication System

|                                               |                                     |
|-----------------------------------------------|-------------------------------------|
| Normal oil pressure kPa (psi) at engine rpm   | 276 - 414 (40 - 60) @ 2000 RPM      |
| Type oil intake (floating, stationary)        | Stationary Shrouded Screen in Sump  |
| Oil filter system (full flow part other)      | Full Flow                           |
| Capacity of c/case less filter refill L (qt ) | 4 5 (4 8) Plus 0 5 (0 5) for Filter |

### Engine - Diesel Information

(NOT OFFERED)

Diesel engine manufacturer

Glow plug current drain at 0°F

Injector nozzle Type  
Opening pressure kPa (psi)

Pre chamber design

Fuel injection pump Manufacturer  
Type

Fuel injection pump drive (belt chain gear)

Supplementary vacuum source (type)

Fuel heater (yes/no)

Water separator description  
(std opt )

Turbo manufacturer

Oil cooler type (oil to engine coolant  
oil to ambient air)

Oil filter

### Engine - Intake System

(NOT OFFERED)

Turbo charger - manufacturer

Super charger - manufacturer

Intercooler

\* Finished state

# Specifications

Vehicle Line MUSTANG

Model Year 2003 Issued 01/03 Revised (\*)

## METRIC

Engine Description  
Engine Code

4 6L (SOHC) w/GT

4 6L (DOHC) w/MACH 1

### Engine - Valve System

|                                 |                         |                                                |                       |
|---------------------------------|-------------------------|------------------------------------------------|-----------------------|
| Hydraulic lifters (std opt n a) |                         | Hydraulic Lash Adjuster (with Roller Follower) |                       |
| Valves                          | Number intake/exhaust   | 8 / 8                                          | 16 / 16               |
|                                 | Head O D intake/exhaust | 44.5 (1.75) / 36 (1.42)                        | 37 (1.46) / 30 (1.18) |

### Engine - Connecting Rods

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Material & mass kg (weight lbs) * | Powered Metal Forging, 0.62 (1.37) w/Bolts |
| Length (axes C/L to C/L)          | 150.7 (5.93)                               |

### Engine - Crankshaft

|                                             |       |                                         |                                |
|---------------------------------------------|-------|-----------------------------------------|--------------------------------|
| Material & mass kg (weight lbs) *           |       | Nodular Cast Iron 19 6 (43 3)           | Forged Steel 23 0 (50 0)       |
| End thrust taken by bearing (no )           |       | #5                                      |                                |
| Length & number of main bearings            |       | 19 (0 75), 5                            |                                |
| Seal (material one, two piece design, etc ) | Front | Fluoroelastomer, One Piece              | Silicon, One Piece             |
|                                             | Rear  | Fluoroelastomer, One Piece with Slinger | Silicon One Piece with Slinger |

### Engine - Lubrication System

|                                                |                                      |                                |
|------------------------------------------------|--------------------------------------|--------------------------------|
| Normal oil pressure kPa (psi) at engine rpm    | 276 - 414 (40 - 60) @ 2000 RPM       | 210 - 350 (30 - 50) @ 2000 RPM |
| Type oil intake (floating stationary)          | Stationary Shrouded Screen in Sump   |                                |
| Oil filter system (full flow part other)       | Full Flow                            |                                |
| Capacity of oil case less filter-refill-L (qt) | 5.7 (6.0) Less 0.47 (0.5) for Filter |                                |

### Engine - Diesel Information

(NOT OFFERED)

|                                                            |                            |
|------------------------------------------------------------|----------------------------|
| Diesel engine manufacturer                                 |                            |
| Glow plug current drain at 0°F                             |                            |
| Injector nozzle                                            | Type                       |
|                                                            | Opening pressure kPa (psi) |
| Pre-chamber design                                         |                            |
| Fuel injection pump                                        | Manufacturer               |
|                                                            | Type                       |
| Fuel injection pump drive (belt chain gear)                |                            |
| Supplementary vacuum source (type)                         |                            |
| Fuel heater (yes/no)                                       |                            |
| Water separator, description (std opt)                     |                            |
| Turbo manufacturer                                         |                            |
| Oil cooler type (oil to engine coolant oil to ambient air) |                            |
| Oil filter                                                 |                            |

### Engine - Intake System

(NOT OFFERED)

|                              |
|------------------------------|
| Turbo charger - manufacturer |
| Super charger - manufacturer |
| Intercooler                  |

\* Finished state

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

3 8L

### Engine - Cooling System

See Page 5A for 4 6L (SOHC) and 5B for (DOHC)

|                                              |                                                 |                                            |
|----------------------------------------------|-------------------------------------------------|--------------------------------------------|
| Coolant recovery system (std opt n a )       |                                                 | Standard                                   |
| Coolant fill location (rad bottle)           |                                                 | Radiator Coolant Fill, Bottle Coolant Add  |
| Radiator cap relief valve pressure kPa (psi) |                                                 | 97 – 127 (14 – 18), Mean 110 (16)          |
| Circulation thermostat                       | Type (choke bypass)                             | Reverse Poppet                             |
|                                              | Starts to open at °C (°F)                       | 91 7° (197°)                               |
| Water pump                                   | Type (centrifugal other)                        | Centrifugal                                |
|                                              | GPM 1000 pump rpm                               | 10                                         |
|                                              | Number of pumps                                 | One                                        |
|                                              | Drive (V belt other)                            | Six Rib Poly V                             |
|                                              | Bearing type                                    | Double Row Sealed Ball and Roller          |
|                                              | Impeller material                               | Low Carbon Steel                           |
|                                              | Housing material                                | Die Cast Aluminum                          |
| By pass recirculation type (inter ext )      |                                                 | External                                   |
| Cooling system capacity                      | With heater – L(qt )                            | 11 9 (12 6)                                |
|                                              | With air conditioner – L(qt )                   | 11 9 (12 6)                                |
|                                              | Opt equipment specify – L(qt )                  | N / A                                      |
| Water jackets full length of cyl (yes no)    |                                                 | No                                         |
| Water all around cylinder (yes no)           |                                                 | Yes                                        |
| Water jackets open at head face (yes no)     |                                                 | No                                         |
| Radiator core                                | Std A/C HD                                      | Standard                                   |
|                                              | Type (cross flow etc )                          | Cross-Flow                                 |
|                                              | Construction (fin & tube mechanical braze etc ) | Tube and Fin, Controlled Atmosphere Brazed |
|                                              | Material mass kg (wgt lbs )                     | Aluminum, 4 6 (10 2)                       |
|                                              | Width                                           | 635 0 (25 0)                               |
|                                              | Height                                          | 434 0 (17 1)                               |
|                                              | Thickness                                       | 25 9 (1 0)                                 |
|                                              | Fins per decimeter                              | 85 (FPDM)                                  |
| Radiator end tank material                   |                                                 | 30% Glass Filled Nylon                     |
| Fan                                          | Std elec opt                                    | Electric Driven                            |
|                                              | Number of blades & type (flex solid material)   | Six Blade Nylon Ring                       |
|                                              | Number & location (front rear of radiator)      | Rear of Radiator                           |
|                                              | Diameter & projected width                      | 445 MM                                     |
|                                              | Ratio (fan to crankshaft rev )                  | N / A                                      |
|                                              | Fan cutout type                                 | N / A                                      |
|                                              | Drive type (direct remote)                      | N / A                                      |
|                                              | PPM at idle (elec )                             | 1600                                       |
|                                              | Motor rating (wattage/elec )                    | 300                                        |
|                                              | Motor switch (type & location/elec )            | Electrical – EEC Control                   |
|                                              | Switch point (temp /pressure/elec )             | Electrical – EEC Control, 102°C (216°F)    |
| Fan shroud (material)                        | Glass and Mineral Filled Nylon                  |                                            |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

### 4.6L (SOHC) MUSTANG GT

#### Engine – Cooling System

See Page 5 for 3.8L and 5B for 4.6L (DOHC)

|                                              |                                                |                                               |
|----------------------------------------------|------------------------------------------------|-----------------------------------------------|
| Coolant recovery system (std opt na)         |                                                | Standard, Quiescent Bottle                    |
| Coolant fill location (rad bottle)           |                                                | Bottle                                        |
| Radiator cap relief valve pressure kPa (psi) |                                                | 110 0 (16 0)                                  |
| Circulation thermostat                       | Type (choke, bypass)                           | Bypass                                        |
|                                              | Starts to open at °C (°F)                      | 90 6° (195°)                                  |
| Water pump                                   | Type (centrifugal other)                       | Centrifugal                                   |
|                                              | GPM 1000 pump rpm                              | 10                                            |
|                                              | Number of pumps                                | One                                           |
|                                              | Drive (V belt other)                           | Poly V-Belt                                   |
|                                              | Bearing type                                   | Ball and Roller                               |
|                                              | Impeller material                              | Stamped Steel                                 |
|                                              | Housing material                               | Die Cast Aluminum                             |
| By-pass recirculation type (inter ext)       |                                                | Internal                                      |
| Cooling system capacity                      | With heater – L(qt)                            | 14 0 (14 8)                                   |
|                                              | With air conditioner – L(qt)                   | 14 0 (14 8)                                   |
|                                              | Opt equipment specify – L(qt)                  | N / A                                         |
| Water jackets full length of cyl (yes no)    |                                                | Yes                                           |
| Water all around cylinder (yes no)           |                                                | Yes                                           |
| Water jackets open at head face (yes no)     |                                                | Yes                                           |
| Radiator core                                | Std, A/C, HD                                   | Standard                                      |
|                                              | Type (cross-flow etc)                          | Cross-Flow                                    |
|                                              | Construction (fin & tube mechanical braze etc) | Tube and Center, Controlled Atmosphere Brazed |
|                                              | Material mass kg (wgt lbs)                     | Aluminum, 4 6 (10 2)                          |
|                                              | Width                                          | 635 0 (25 0)                                  |
|                                              | Height                                         | 434 0 (17 1)                                  |
|                                              | Thickness                                      | 25 9 (1 0)                                    |
|                                              | Fins per decimeter                             | 85 (FPDM)                                     |
| Radiator end tank material                   |                                                | 30% Glass Filled Nylon Ring                   |
| Fan                                          | Std elec opt                                   | Electnc                                       |
|                                              | Number of blades & type (flex solid material)  | Six Blade Nylon Ring                          |
|                                              | Number & location (front rear of radiator)     | Rear of Radiator                              |
|                                              | Diameter & projected width                     | 445 mm                                        |
|                                              | Ratio (fan to crankshaft rev)                  | N / A                                         |
|                                              | Fan cutout type                                | N / A                                         |
|                                              | Drive type (direct remote)                     | N / A                                         |
|                                              | RPM at idle (elec)                             | Low Speed 1760, High Speed 1870               |
|                                              | Motor rating (wattage/elec)                    | Low Speed 299, High Speed 414                 |
|                                              | Motor switch (type & location/elec)            | Electrcal – EEC Control                       |
|                                              | Switch point (temp /pressure/elec)             | Electrcal – EEC Control 102°C (216°)          |
|                                              | Fan shroud (material)                          | Glass and Mineral Filled Nylon                |

# Specifications

Vehicle Line MUSTANG MACH 1

Model Year 2003 Issued 01/03 Revised (-)

## METRIC

Engine Description  
Engine Code

**4 6L (DOHC) MUSTANG MACH 1**

### Engine - Cooling System

See Page 5 for 3 BL and 5A for 4 6L (SOHC)

|                                              |                                                 |                                                         |
|----------------------------------------------|-------------------------------------------------|---------------------------------------------------------|
| Coolant recovery system (std , opt n a )     | Standard                                        | Quiescent Bottle                                        |
| Coolant fill location (rad bottle)           | Bottle                                          |                                                         |
| Radiator cap relief valve pressure kPa (psi) | 110 0 (16 0)                                    |                                                         |
| Circulation thermostat                       | Type (choke bypass)                             | Bypass                                                  |
|                                              | Starts to open at °C (°F)                       | 82° (180°)                                              |
| Water pump                                   | Type (centrifugal other)                        | Centrifugal                                             |
|                                              | GPM 1000 pump rpm                               | 10                                                      |
|                                              | Number of pumps                                 | One                                                     |
|                                              | Drive (V belt other)                            | Poly V Belt                                             |
|                                              | Bearing type                                    | Ball and Roller                                         |
|                                              | Impeller material                               | Stamped Steel                                           |
|                                              | Housing material                                | Die Cast Aluminum                                       |
|                                              | By-pass recirculation type (inter ext )         | External                                                |
| Cooling system capacity                      | With heater - L/qt )                            | 14 0 (14 7)                                             |
|                                              | With air conditioner - L/qt )                   | 14 0 (14 7)                                             |
|                                              | Opt equipment specify - L/qt )                  | N / A                                                   |
| Water jackets full length of cyl (yes no)    | Yes                                             |                                                         |
| Water all around cylinder (yes no)           | Yes                                             |                                                         |
| Water jackets open at head face (yes no)     | Yes                                             |                                                         |
| Radiator core                                | Std A/C HD                                      | Standard A/C                                            |
|                                              | Type (cross flow etc )                          | Cross-Flow                                              |
|                                              | Construction (fin & tube mechanical braze etc ) | Tube and Fin, Controlled Atmosphere Brazed              |
|                                              | Material mass kg (wgt lbs )                     | Aluminum, 4 6 (10 2)                                    |
|                                              | Width                                           | 635 0 (25 0)                                            |
|                                              | Height                                          | 434 0 (17 1)                                            |
|                                              | Thickness                                       | 26 0 (1 02)                                             |
|                                              | Fins per decimeter                              | 85 FPDM                                                 |
| Radiator end tank material                   |                                                 |                                                         |
| Fan                                          | Std elec opt                                    | Standard Electric                                       |
|                                              | Number of blades & type (flex solid material)   | Six, Solid Nylon                                        |
|                                              | Number & location (front rear of radiator)      | One, Rear of Radiator                                   |
|                                              | Diameter & projected width                      | 465 mm                                                  |
|                                              | Ratio (fan to crankshaft rev )                  | N / A                                                   |
|                                              | Fan cutout type                                 |                                                         |
|                                              | Drive type (direct remote)                      | N / A                                                   |
|                                              | RPM at idle (elec )                             | Low Speed 1760, High Speed 1870                         |
|                                              | Motor rating (wattage/elec )                    | Low Speed 299W High Speed 414W                          |
|                                              | Motor switch (type & location/elec )            | Electronic Control Module                               |
|                                              | Switch point (temp /pressure/elec )             | Variable with Coolant Temperature and A/C Head Pressure |
|                                              | Fan shroud (material)                           | Glass and Mineral Filled Nylon                          |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

3 8L

4 6L (SOHC)

### Engine – Fuel System (See supplemental page for details of Fuel Injection Supercharger Turbocharger etc if used)

|                                                                       |                                                        |                                                |                            |
|-----------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------|----------------------------|
| Induction type carburetor fuel injection system etc                   | Sequential Electronic Port Fuel Injection System       |                                                |                            |
| Manufacturer                                                          | Ford Motor Company                                     |                                                |                            |
| Carburetor no. of barrels                                             | N / A                                                  |                                                |                            |
| Idle A/F mix                                                          | 14 6 1 Closed Loop                                     |                                                |                            |
| Fuel Injection                                                        | Point of injection (no )                               | Intake Ports (6)                               | Intake Ports (8)           |
|                                                                       | Constant pulse flow                                    | Timed Pulse                                    |                            |
|                                                                       | Control (electronic mech )                             | Electronic                                     |                            |
|                                                                       | System pressure kPa (psi)                              | Variable                                       |                            |
| Idle spd rpm (spec neutral or drive and propane if used)              | Manual                                                 | 720 (Neutral)                                  | 656 (Neutral)              |
|                                                                       | Automatic                                              | 720 (Neutral)                                  | 656 (Neutral), 560 (Drive) |
|                                                                       |                                                        | 640 (Drive) (Federal) 670 (Drive) (California) | 690 (Drive) w/AC On        |
| Intake manifold heat control (exhaust or water thermostatic or fixed) | None                                                   |                                                |                            |
| Air cleaner type                                                      | Conical, Wetted Media, Replaceable Element             |                                                |                            |
| Fuel filter (type/location)                                           | FG-800, Below Vehicle Near Fuel Tank                   |                                                |                            |
| Fuel Pump                                                             | Type (elec or mech )                                   | Electric                                       |                            |
|                                                                       | Location (eng , tank)                                  | Fuel Tank                                      |                            |
|                                                                       | Pressure range kPa (psi)                               | 0-80 PSIG, Variable                            |                            |
|                                                                       | Flow rate at regulated pressure L (gal)/hr @ kPa (psi) | 165 Lph @ 350 kPa<br>175 Lph @ 310 kPa         | (ERFS)                     |

### Fuel Tank

|                                  |                          |                                                                        |
|----------------------------------|--------------------------|------------------------------------------------------------------------|
| Capacity retail L (gallons)      |                          | 59 4 (15 7)                                                            |
| Location (describe)              |                          | Behind Rear Axle                                                       |
| Attachment                       |                          | Two Straps, Pin and Loop at LH Rear, Bolt at Front of Tank and RH Rear |
| Material & Mass kg (weight lbs ) |                          | Steel (ZnNi Electro Plate) and 9 1 (20 0)                              |
| Filler pipe                      | Location & material      | Right Rear Quarter Panel – Steel                                       |
|                                  | Connection to tank       | Rubber Seal                                                            |
| Fuel line (material)             |                          | Steel / Covered Nylon                                                  |
| Fuel hose (material)             |                          | Covered Nylon                                                          |
| Return line (material)           |                          | Steel / Covered Nylon                                                  |
| Vapor line (material)            |                          | Steel / Covered Nylon                                                  |
| Extended range tank              | Opt n a                  | N / A                                                                  |
|                                  | Capacity L (gallons)     | —                                                                      |
|                                  | Location & material      | —                                                                      |
|                                  | Attachment               | —                                                                      |
| Auxiliary tank                   | Opt n a                  | N / A                                                                  |
|                                  | Capacity L (gallons)     | —                                                                      |
|                                  | Location & material      | —                                                                      |
|                                  | Attachment               | —                                                                      |
|                                  | Selector switch or valve | —                                                                      |
|                                  | Separate fill            | —                                                                      |

# Specifications

Vehicle Line MUSTANG MACH 1

Model Year 2003 Issued 01/03 Revised (\*)

## METRIC

Engine Description  
Engine Code

4 6L (DOHC)

### Engine - Fuel System (See supplemental page for details of Fuel Injection Supercharger Turbocharger etc if used)

|                                                                       |                                                        |                                                                                      |
|-----------------------------------------------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------|
| Induction type carburetor, fuel injection system etc                  |                                                        | Sequential Electronic Port Fuel Injection System with Staged Dual Bore Throttle Body |
| Manufacturer                                                          |                                                        | Ford Motor Company                                                                   |
| Carburetor no. of barrels                                             |                                                        | N / A                                                                                |
| Idle A/F mix                                                          |                                                        | 14.6                                                                                 |
| Fuel Injection                                                        | Point of injection (no.)                               | Intake Ports (8)                                                                     |
|                                                                       | Constant pulse flow                                    | Timed Pulse                                                                          |
|                                                                       | Control (electronic mech.)                             | Electronic                                                                           |
|                                                                       | System pressure kPa (psi)                              | 270.3 (39.2)                                                                         |
| Idle spd. rpm (spec. neutral or drive and propane if used)            | Manual                                                 | 640 RPM                                                                              |
|                                                                       | Automatic                                              | N / A                                                                                |
| Intake manifold heat control (exhaust or water thermostatic or fixed) |                                                        | N / A                                                                                |
| Air cleaner type                                                      |                                                        | Conical Dry, Paper Element                                                           |
| Fuel filter (type/location)                                           |                                                        | Canister – Body Mounted                                                              |
| Fuel Pump                                                             | Type (elec. or mech.)                                  | Electric                                                                             |
|                                                                       | Location (eng. tank)                                   | One Pump System in Tank                                                              |
|                                                                       | Pressure range kPa (psi)                               | 250 – 270 (36 – 39)                                                                  |
|                                                                       | Flow rate at regulated pressure L (gal)/hr @ kPa (psi) | 125 (33) @ 310 (45)                                                                  |

### Fuel Tank

|                                  |                          |                                                                       |
|----------------------------------|--------------------------|-----------------------------------------------------------------------|
| Capacity refill L (gallons)      |                          | 59.4 (15.7)                                                           |
| Location (describe)              |                          | Behind Rear Axle                                                      |
| Attachment                       |                          | Two Straps Pin and Loop at LH Rear, Bolt at Front of Tank and RH Rear |
| Material & Mass kg (weight lbs.) |                          | Steel (ZnNi Electro Plate) and 9.1 (20.0)                             |
| Filler pipe                      | Location & material      | Right Rear Quarter Panel – Steel                                      |
|                                  | Connection to tank       | Rubber Seal                                                           |
| Fuel line (material)             |                          | Steel / Covered Nylon                                                 |
| Fuel hose (material)             |                          | Covered Nylon                                                         |
| Return line (material)           |                          | Steel / Covered Nylon                                                 |
| Vapor line (material)            |                          | Steel / Covered Nylon                                                 |
| Extended range tank              | Option a                 | N / A                                                                 |
|                                  | Capacity L (gallons)     | —                                                                     |
|                                  | Location & material      | —                                                                     |
|                                  | Attachment               | —                                                                     |
| Auxiliary tank                   | Option a                 | N / A                                                                 |
|                                  | Capacity L (gallons)     | —                                                                     |
|                                  | Location & material      | —                                                                     |
|                                  | Attachment               | —                                                                     |
|                                  | Selector switch or valve | —                                                                     |
|                                  | Separate fill            | —                                                                     |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

3.8L

## Vehicle Emission Control

See Page 7A for 4.6L (SOHC) and 7B for 4.6L (DOHC)

|                              | Type (air injection engine modifications other)        |                                                               | Vehicle and Engine Modifications, Plus Exhaust Gas Recirculation       |  |
|------------------------------|--------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------|--|
|                              |                                                        |                                                               |                                                                        |  |
| Exhaust Emission Control     | Air Injection                                          | Pump or pulse                                                 | N / A                                                                  |  |
|                              |                                                        | Driven by                                                     | N / A                                                                  |  |
|                              |                                                        | Air distribution (head manifold etc)                          | N / A                                                                  |  |
|                              |                                                        | Point of entry                                                | N / A                                                                  |  |
|                              | Exhaust Gas Recirculation                              | Type (controlled flow open on/off other)                      | Delia PFE (DPFE)                                                       |  |
|                              |                                                        | Exhaust source                                                | RH Exhaust Manifold                                                    |  |
|                              |                                                        | Point of exhaust injection (spacer carburetor manifold other) | Intake Manifold (Lower)                                                |  |
|                              |                                                        |                                                               |                                                                        |  |
|                              | Catalytic Converter                                    | Type                                                          | TWC                                                                    |  |
|                              |                                                        | Number of                                                     | Six (6)                                                                |  |
|                              |                                                        | Location (s)                                                  | TWC (2) — Toeboard and TWC (4) — Underbody                             |  |
|                              |                                                        | Volume L (in <sup>3</sup> )                                   | Federal and Green States Toeboard 2 x (31) Underbody 2 x (42) x 2 (42) |  |
|                              |                                                        | Substrate type                                                | Ceramic                                                                |  |
|                              |                                                        | Noble metal type                                              | Pd Palladium (Toeboard), Pd Palladium/RL Rhodium (Underbody)           |  |
|                              |                                                        | Noble metal concentration (g/ft <sup>3</sup> )                | Toeboard 200 Underbody 60                                              |  |
| Crankcase Emission Control   | Type (ventilates to atmosphere induction system other) |                                                               | Closed Induction System                                                |  |
|                              | Energy source (manifold vacuum, carburetor other)      |                                                               | Manifold Vacuum                                                        |  |
|                              | Discharges to (intake manifold other)                  |                                                               | Intake Manifold                                                        |  |
|                              | Air inlet (breather cap other)                         |                                                               | Air Inlet Tube                                                         |  |
| Evaporative Emission Control | Vapor vented to (crankcase canister other)             | Fuel tank                                                     | Externally Vented to Carbon Canister                                   |  |
|                              |                                                        | Carburetor                                                    | N / A                                                                  |  |
|                              | Vapor storage provision                                |                                                               | Carbon Canister                                                        |  |
| Electronic system            | Closed loop (yes/no)                                   |                                                               | Yes                                                                    |  |
|                              | Open loop (yes/no)                                     |                                                               | Yes                                                                    |  |

## Engine - Exhaust System

|                                                                                                    |                                 |                                                  |
|----------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------|
| Type (single single with cross over dual other)                                                    |                                 | Single with Dual Catalyst System                 |
| Muffler no. & type (reverse flow straight thru separate resonator) Material & Mass kg (weight lbs) |                                 | One, Reverse Flow 409 Stainless Steel, (20.8)    |
| Resonator no. & type                                                                               |                                 | N / A                                            |
| Exhaust pipe                                                                                       | Branch o d wall thickness       | —                                                |
|                                                                                                    | Main o d wall thickness         | —                                                |
|                                                                                                    | Material & Mass kg (weight lbs) | —                                                |
| Intermediate pipe                                                                                  | o d & wall thickness            | 57.2 x 1.37 (2.25 x .054)                        |
|                                                                                                    | Material & Mass kg (weight lbs) | 409 Stainless Steel (Weight Included in Muffler) |
| Tail pipe                                                                                          | o d & wall thickness            | 57.2 x 1.37 (2.25 x .054)                        |
|                                                                                                    | Material & Mass kg (weight lbs) | 409 Stainless Steel (Weight Included in Muffler) |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

4 6L (SOHC)

### Vehicle Emission Control

See Page 7 for 3 8L, and 7B for 4 6L (DOHC)

|                              |                                                        |                                                               |                                                                              |
|------------------------------|--------------------------------------------------------|---------------------------------------------------------------|------------------------------------------------------------------------------|
| Exhaust Emission Control     | Type (air injection engine modifications other)        |                                                               | Vehicle and Engine Modifications Exhaust Gas Recirculation and Air Injection |
|                              | Air Injection                                          | Pump or pulse                                                 | N / A                                                                        |
|                              |                                                        | Driven by                                                     | —                                                                            |
|                              |                                                        | Air distribution (head, manifold etc)                         | —                                                                            |
|                              |                                                        | Point of entry                                                | —                                                                            |
|                              | Exhaust Gas Recirculation                              | Type (controlled flow open orifice other)                     | Electronic                                                                   |
|                              |                                                        | Exhaust source                                                | LH Exhaust Manifold                                                          |
|                              |                                                        | Point of exhaust injection (spacer carburetor manifold other) | Throttle Body Spacer                                                         |
|                              |                                                        |                                                               |                                                                              |
|                              | Catalytic Converter                                    | Type                                                          | TWC                                                                          |
|                              |                                                        | Number of                                                     | Four                                                                         |
|                              |                                                        | Location (s)                                                  | Two (2) Toeboard and Four (2) Underbody (Federal and Green States)           |
|                              |                                                        | Volume L (in <sup>3</sup> )                                   | Toeboard - (2) x 0 69 (42) and Underbody - (4) x 0 69 (42)                   |
|                              |                                                        | Substrate type                                                |                                                                              |
|                              |                                                        | Noble metal type                                              | Pd Palladium                                                                 |
|                              |                                                        | Noble metal concentration (g/ft <sup>3</sup> )                | 110 for all cars                                                             |
| Crankcase Emission Control   | Type (ventilates to atmosphere induction system other) |                                                               | Closed Induction System w/Electncally Heated Valve                           |
|                              | Energy source (manifold vacuum carburetor other)       |                                                               | Intake Manifold Vacuum                                                       |
|                              | Discharges to (intake manifold other)                  |                                                               | Intake Manifold                                                              |
|                              | Air inlet (breather cap other)                         |                                                               | Air Inlet Tube                                                               |
| Evaporative Emission Control | Vapor vented to (crankcase canister other)             | Fuel tank                                                     | Carbon Canister                                                              |
|                              |                                                        | Carburetor                                                    | N / A                                                                        |
| Electronic system            | Vapor storage provision                                |                                                               | Carbon Canister                                                              |
|                              | Closed loop (yes/no)                                   |                                                               | Yes                                                                          |
|                              | Open loop (yes/no)                                     |                                                               | Yes                                                                          |

### Engine - Exhaust System

|                                                                                                    |                                 |                                                                             |
|----------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------------------------------------------------|
| Type (single single with cross-over dual other)                                                    |                                 | Dual with Cast Iron Exhaust Manifolds                                       |
| Muffler no. & type (reverse flow straight thru separate resonator) Material & Mass kg (weight lbs) |                                 | Two, Reverse Flow 409 Stainless Steel and LH – 9 26 (20 4), RH – 9 4 (20 6) |
| Resonator no. & type                                                                               |                                 | N / A                                                                       |
| Exhaust pipe                                                                                       | Branch o d wall thickness       | —                                                                           |
|                                                                                                    | Main o d wall thickness         | —                                                                           |
|                                                                                                    | Material & Mass kg (weight lbs) | —                                                                           |
| Intermediate pipe                                                                                  | o d & wall thickness            | 57 2 x 1 2 – 1 35 (2 25 x 0 047 – 0 053)                                    |
|                                                                                                    | Material & Mass kg (weight lbs) | 409 Stainless Steel                                                         |
| Tail pipe                                                                                          | o d & wall thickness            | 61 2 x 1 3 – 1 45 (2 50 x 0 051 – 0 057)                                    |
|                                                                                                    | Material & Mass kg (weight lbs) | 409 Stainless Steel with Bnght 304 Stainless Steel Outlets                  |

# Specifications

Vehicle Line MUSTANG MACH 1

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

**4 6L (DOHC)**

### Vehicle Emission Control

See Page 7 for 3 8L and 7A for 4 6L (SOHC)

|                              |                                                        |                                                               |                                                                               |  |
|------------------------------|--------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------|--|
| Exhaust Emission Control     | Type (air injection engine modifications other)        |                                                               | Vehicle and Engine Modifications, Exhaust Gas Recirculation and Air Injection |  |
|                              | Air Injection                                          | Pump or pulse                                                 | N / A                                                                         |  |
|                              |                                                        | Driven by                                                     | N / A                                                                         |  |
|                              |                                                        | Air distribution (head manifold etc )                         | N / A                                                                         |  |
|                              |                                                        | Point of entry                                                | N / A                                                                         |  |
|                              | Exhaust Gas Recirculation                              | Type (controlled flow open onhce other)                       | Electronically Controlled Flow                                                |  |
|                              |                                                        | Exhaust source                                                | LH Exhaust Manifold                                                           |  |
|                              |                                                        | Point of exhaust injection (spacer carburetor manifold other) | Upper Intake Manifold                                                         |  |
|                              |                                                        | Type                                                          | TWC - JMI High Tech Washcoat                                                  |  |
|                              | Catalytic Converter                                    | Number of                                                     | 3 Per Side / 6 Total                                                          |  |
|                              |                                                        | Location (s)                                                  | Two (2) Toeboard and Four (4) Underbody                                       |  |
|                              |                                                        | Volume L (in <sup>3</sup> )                                   | Toeboard - (2) x 0 69 (42) and Underbody - (4) x 0 69 (38)                    |  |
|                              |                                                        | Substrate type                                                |                                                                               |  |
|                              |                                                        | Noble metal type                                              | Toeboard Pd/RH Underbody #1 Pd/RH Underbody #2 PT/RH                          |  |
|                              |                                                        | Noble metal concentration (g/ft <sup>3</sup> )                | Toeboard 40, Underbody #1 40 Underbody #2 28                                  |  |
| Crankcase Emission Control   | Type (ventilates to atmosphere induction system other) |                                                               | Closed Induction System                                                       |  |
|                              | Energy source (manifold vacuum carburetor other)       |                                                               | Manifold Vacuum                                                               |  |
|                              | Discharges to (intake manifold other)                  |                                                               | Intake Manifold                                                               |  |
|                              | Air inlet (breather cap other)                         |                                                               | Air Inlet Tube                                                                |  |
| Evaporative Emission Control | Vapor vented to (crankcase canister other)             | Fuel tank                                                     | Carbon Canister                                                               |  |
|                              |                                                        | Carburetor                                                    | N / A                                                                         |  |
| Electronic system            | Vapor storage provision                                |                                                               | Carbon Canister                                                               |  |
|                              | Closed loop (yes/no)                                   |                                                               | Yes                                                                           |  |
|                              | Open loop (yes/no)                                     |                                                               | Yes                                                                           |  |

### Engine - Exhaust System

|                                                                                                    |                                 |                                                                                        |                                                                                   |
|----------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Type (single single with cross over, dual other)                                                   |                                 | Dual                                                                                   |                                                                                   |
| Muffler no. & type (reverse flow straight thru separate resonator) Material & Mass kg (weight lbs) |                                 | Two, Reverse Flow, 409 Stainless Steel and Total Muffler Assembly Weight - 19 1 (41 9) |                                                                                   |
| Resonator no. & type                                                                               |                                 |                                                                                        |                                                                                   |
| Exhaust pipe                                                                                       | Branch o d wall thickness       |                                                                                        |                                                                                   |
|                                                                                                    | Main o d wall thickness         |                                                                                        |                                                                                   |
|                                                                                                    | Material & Mass kg (weight lbs) |                                                                                        |                                                                                   |
| Intermediate pipe                                                                                  | o d & wall thickness            |                                                                                        | 57 2 x 1 2 ~ 1 35 (2 25 x 0 047 ~ 0 053)                                          |
|                                                                                                    | Material & Mass kg (weight lbs) |                                                                                        | 409 Stainless Steel                                                               |
| Tail pipe                                                                                          | o d & wall thickness            |                                                                                        | 61 25 x 1 30 (2 50 x 0 051)                                                       |
|                                                                                                    | Material & Mass kg (weight lbs) |                                                                                        | 409 Stainless Steel - Includes Bnght 304 Stainless Steel with Unique 2 75" Flared |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Description  
Engine Code

3 8L

### Transmissions/Transaxle (Std , Opt , N A ) See Page 8A for 4 6L

|                                            |                               |
|--------------------------------------------|-------------------------------|
| Manual 4 speed (manufacturer/country)      | N / A                         |
| Manual 5 speed (manufacturer/country)      | Standard (Tremec / Mexico)    |
| Manual 6 speed (manufacturer/country)      | N / A                         |
| Automatic (manufacturer/country)           | N / A                         |
| Automatic overdrive (manufacturer/country) | Optional 4 Speed (Ford / USA) |

### Manual Transmission/Transaxle

|                                     |                            |
|-------------------------------------|----------------------------|
| Number of forward speeds            | Five                       |
| 1st                                 | 3 35                       |
| 2nd                                 | 1 99                       |
| 3rd                                 | 1 33                       |
| 4th                                 | 1 00                       |
| 5th                                 | 0 68                       |
| 6th                                 | —                          |
| Reverse                             | 3 15                       |
| Synchronous meshing (specify gears) | All Forward Gears          |
| Shift lever location                | Floor                      |
| Trans case matl & mass kg (lbs)*    | Aluminum and 46 77 (103 1) |
| Lubncant                            | Capacity L (pt )           |
| Type recommended                    | Dexron III                 |

### Clutch (Manual Transmission)

|                                                    |                                                             |
|----------------------------------------------------|-------------------------------------------------------------|
| Clutch manufacturer                                | Luk inc                                                     |
| Clutch type (dry wet single multiple disc)         | Dry Plate, Single Disc                                      |
| Linkage (hydraulic cable rod lever other)          | Cable with Self-Adjustment                                  |
| Max pedal effort (nom<br>spring load) N (lbs)      | Depressed 130 (30)<br>Released 111 (25)                     |
| Assist (spring power/percent nominal)              | No                                                          |
| Type pressure plate springs                        | Belleville Springs                                          |
| Total spring load (nominal) N (lbs)                | 7000 (1573)                                                 |
| Facing mfg & material coding                       | Valeo F-202                                                 |
| Facing material & construction                     | Woven Non-Asbestos                                          |
| Rivets per facing                                  | 8                                                           |
| Outside x inside dia (nominal)                     | 280 x 198 (11 02 x 7 8)                                     |
| Total eff area cm <sup>2</sup> (in <sup>2</sup> )  | 307 8 (47 6)                                                |
| Thickness (pressure plate<br>side/ly wheel side)   | 3 35 (0 132) / 3 35 (0 132)                                 |
| Rivet depth (pressure plate<br>side/ly wheel side) | 1 2 (0 047) / 1 2 (0 047) Minimum                           |
| Engagement cushion method                          | Segmented                                                   |
| Release bearing type & method lub                  | Self-Centering Angular Contact, Constant Running, Prepacked |
| Torsional damping method springs hysteresis        | Multi-State Springs and Friction Material                   |

\* Includes shift linkage lubricant and clutch housing If other specify

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Engine Description  
Engine Code

**4 6L (SOHC)  
GT MODELS**

**4 6L (DOHC)  
MACH 1 MODELS**

### Transmissions/Transaxle (Std , Opt , N A )

|                                            |                            |       |
|--------------------------------------------|----------------------------|-------|
| Manual 4 speed (manufacturer/country)      | N / A                      |       |
| Manual 5 speed (manufacturer/country)      | Standard (Tremec / Mexico) |       |
| Manual 6 speed (manufacturer/country)      | N / A                      |       |
| Automatic (manufacturer/country)           | N / A                      |       |
| Automatic overdrive (manufacturer/country) | Optional (Ford / USA)      | N / A |

### Manual Transmission/Transaxle

|                                     |                  |                       |
|-------------------------------------|------------------|-----------------------|
| Number of forward speeds            |                  | Five                  |
| Gear ratios                         | 1st              | 3.37                  |
|                                     | 2nd              | 1.99                  |
|                                     | 3rd              | 1.33                  |
|                                     | 4th              | 1.00                  |
|                                     | 5th              | 0.67                  |
|                                     | 6th              | —                     |
|                                     | Reverse          | 3.22                  |
| Synchronous meshing (specify gears) |                  | All Forward Gears     |
| Shift lever location                |                  | Floor                 |
| Trans case matl & mass kg (lbs)*    |                  | Aluminum and 50 (110) |
| Lubricant                           | Capacity L (pt.) | 3.1 (6.6)             |
|                                     | Type recommended | Dexron III            |

### Clutch (Manual Transmission)

|                                             |                                                   |                                                              |
|---------------------------------------------|---------------------------------------------------|--------------------------------------------------------------|
| Clutch manufacturer                         |                                                   | Valeo                                                        |
| Clutch type (dry wet single multiple disc)  |                                                   | Dry Plate, Single Disc                                       |
| Linkage (hydraulic cable rod lever other)   |                                                   | Cable with Self-Adjustment                                   |
| Max pedal effort (nom spring load) N (lbs)  | Depressed                                         | 125 (28) (37)                                                |
|                                             | Released                                          | 148 (33) (33)                                                |
| Assist (spring power/percent nominal)       |                                                   | No                                                           |
| Type pressure plate springs                 |                                                   | Belleville Springs                                           |
| Total spring load (nominal) N (lbs)         |                                                   | 8795 (1977) 9930                                             |
| Clutch facing                               | Facing matlgr & material coding                   | Valeo F-202                                                  |
|                                             | Facing material & construction                    | Woven Non-Asbestos                                           |
|                                             | Rivets per facing                                 | 9                                                            |
|                                             | Outside x inside dia (nominal)                    | 268 x 170 (10.55 x 6.69)                                     |
|                                             | Total eff area cm <sup>2</sup> (in <sup>2</sup> ) | 337 (52.25)                                                  |
|                                             | Thickness (pressure plate side/fly wheel side)    | 3.6 (0.14) / 3.6 (0.14) 3.8 (0.15) / 3.8 (0.15)              |
|                                             | Rivet depth (pressure plate side/fly wheel side)  | 1.4 (0.055) / 1.4 (0.055) 1.0 (0.039) / 1.10 (0.043)         |
|                                             | Engagement cushion method                         | Segmented                                                    |
| Release bearing type & method lub           |                                                   | Self-Centering, Angular Contact, Constant Running, Prepacked |
| Torsional damping method springs hysteresis |                                                   | Single-Stage, Springs and Friction Material                  |

\* Includes shift linkage lubricant and clutch housing. If other specify

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Engine Description  
Engine Code

3 8L

3 27 1 AXLE

4 6L (SOHC)

3 27 1 AXLE

4 6L 4V MACH 1

3 55 1 AXLE

## Automatic Transmission/Transaxle

Trade Name

Automatic Overdrive Electronic Wide Ratio - (4R70W)

Type and special features (describe)

4-Speed Electronically Controlled Torque Converter Lock-up and Shift Pattern, Planetary Gear Set

Shift mechanics

Non-Synchronous 1 to 2 / 2 to 3  
Synchronous 3 to 4

Gear selector

Location (column floor other)

Floor (O/D Push Button Lockout Switch Located in Console)

Ltr./No designation (e.g. PRND21)

P R N D 2 1

Shift interlock (yes no describe)

Yes Locks Selector in "PARK" Position until Service Brakes are Applied

Gear ratios

1st

2.84

2nd

1.55

3rd

1.00

4th

0.70

Reverse

2.32

Final drive ratio

2.29:1

2.29:1

2.49:1

Max. upshift vehicle speed - drive range km/h (mph)

(a)

(b)

(c)

Max. upshift engine speed RPM

5200

6000

Max. kickdown speed - drive range km / h (mph)

161 (100) 4-3  
108 (67) 3-2

169 (105) 4-3  
117 (73) 3-2

Min. overdrive speed km / h (mph)

62 (39) 3-4

51 (32) 3-4

54 (34) 3-4

Torque converter

Type

Piston Plate Modulated Lock-Up Converter

Torus design

Full

Number of elements

Three

Max. ratio at stall

2.4

Type of cooling (air liquid)

Liquid

Nominal diameter

305 (12)

286 (11.25)

Capacity factor "K"

163 (140)

180 (155)

181 (160)

Pump type

Gerotor

Lubricant

Capacity refill L (pt.)

13.1 (27.8)

12 (25.6)

Type recommended

WSS-M2C202-B (Mercon® V for Service)

Oil cooler (std. opt. N/A internal external air liquid)

Standard, External Oil to Engine Coolant

Transmission mass kg (lbs) & case material\*\*

90.9 (200.4) Aluminum

88.8 (195.8)

## All Wheel / 4 Wheel Drive

(NOT OFFERED)

Description & type (part time full time 2/4 shift while moving mechanical elect. chain/gear etc.)

Transfer case

Manufacturer and model

Type and location

Low range gear ratio

System disconnect (describe)

Center differential

Type (bevel planetary w or w/o viscous bias torsen etc.)

Torque split (% front/rear)

\* Input speed - square root of torque

\*\* Dry weight including torque converter. If other specify

(a) 66 (41) 1 2 124 (77) 2 3 175 (109) 3-4 3 8L

(b) 71 (44) 1 2 126 (78) 2 3 185 (115) 3-4 4 6L

(c) 71 (44) 1 2 133 (83) 2 3 200 (125) 3 4 4 6L-4V

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Engine Description  
Engine Code

**3.8L**

**4 6L (SOHC)**

### Axle Ratio and Tooth Combinations

(See 'Power Teams' for axle ratio usage)

|                                        |           |             |
|----------------------------------------|-----------|-------------|
| Axle ratio (or overall top gear ratio) |           | 3 27 1      |
| Ring gear o d                          |           | 223 5 (8 8) |
| No of teeth                            | Pinion    | 11          |
|                                        | Ring gear | 36          |

### Rear Axle Unit

(Regular Axle)

(Traction-Lok Axle)

|                                  |                       |                                                                     |
|----------------------------------|-----------------------|---------------------------------------------------------------------|
| Description                      |                       | Semi Floating Type with Cast Center and Underhung Pinion            |
| Limited slip differential (type) |                       | N / A Friction Plate                                                |
| Drive Pinion                     | Type                  | Hypoid                                                              |
|                                  | Offset                | 25 4 (1 0) 38 1 (1 5)                                               |
| No of differential pinions       |                       | Two                                                                 |
| Pinion / differential            | Adjustment (shim etc) | Shim                                                                |
|                                  | Bearing adjustment    | Collapsible Spacer Shim                                             |
| Driving wheel bearing (type)     |                       | Straight Roller                                                     |
| Lubricant                        | Capacity L (pt)       | 1 6 (3 5) 1 9 (4 25)                                                |
|                                  | Type recommended      | WSP-M2C 197-A, SAE 80 W 90, GL-5 WSP-M2C 197-A SAE 80 W 90 GL 5 (a) |

(a) Add 4 oz M2C 118-A Friction Modifier

### Propeller Shaft — Rear Wheel Drive

Manufacturer

Type (straight tube tube in tube  
internal external damper etc)

Ford Straight Tube with Internal Tuned Damper

|                                                    |                                                   |                               |                                                                               |
|----------------------------------------------------|---------------------------------------------------|-------------------------------|-------------------------------------------------------------------------------|
| Outer<br>diam x<br>length* x<br>wall<br>thickness  | Manual 4 speed transmission                       |                               | N / A                                                                         |
|                                                    | Manual 5 speed transmission                       |                               | 88 9 x 1163 x 1 65 (3 50 x 45 6 x 065) 88 9 x 1153 x 1 65 (3 50 x 45 4 x 065) |
|                                                    | Manual 6 speed transmission                       |                               | N / A                                                                         |
|                                                    | Overdrive                                         |                               | N / A                                                                         |
|                                                    | Automatic Transmission<br>4 Speed AODE            |                               | 88 9 x 1163 x 1 65 (3 50 x 45 6 x 065) 88 9 x 1153 x 1 65 (3 50 x 45 4 x 065) |
| Intermediate<br>bearing                            | Type (plain anti friction)                        |                               | N / A                                                                         |
|                                                    | Lubncation (fitting prepack)                      |                               | N / A                                                                         |
| Slip<br>yoke                                       | Type                                              |                               | Damper Plain w/ MT, Damper w/ AT                                              |
|                                                    | Number of teeth                                   |                               | 28 31                                                                         |
|                                                    | Spline o d                                        |                               | 38 05 (1 498)                                                                 |
|                                                    | Make and mfg no                                   | Front                         | Ford 1330                                                                     |
| Rear                                               |                                                   | Ford 1330                     |                                                                               |
| Universal<br>joints                                | Number used                                       |                               | Two                                                                           |
|                                                    | Type (ball and trunnion cross)                    |                               | Cross                                                                         |
|                                                    | Rear attach (u-bolt clamp etc )                   |                               | Circular Flange                                                               |
|                                                    | Bearing                                           | Type (plain anti friction)    | Needle Roller                                                                 |
|                                                    |                                                   | Lubncation (fitting, prepack) | Pre-pack                                                                      |
|                                                    | Drive taken through (torque tube arms or springs) |                               | Control Arms                                                                  |
| Torque taken through (torque tube arms or springs) |                                                   | Control Arms                  |                                                                               |

\* Centerline to centerline of universal joints or to centerline of rear attachment

MVMS-97

# Specifications

Vehicle Line MUSTANG  
Model Year 2003 Issued 01/03 Revised (\*) \_\_\_\_\_

## METRIC

Model Code/Description And/Or  
Engine Code/Description

**MUSTANG V-6**

### Suspension – General Including Electronic Controls (SEE PAGE 11A FOR GT AND MACH 1)

|                                 |                                                     |                                                         |
|---------------------------------|-----------------------------------------------------|---------------------------------------------------------|
| Car leveling                    | Standard/optional/not avail                         | N / A                                                   |
|                                 | Manual/automatic control                            | —                                                       |
|                                 | Type (air/hydraulic)                                | —                                                       |
|                                 | Primary/assist spring                               | —                                                       |
|                                 | Rear only/4 wheel leveling                          | —                                                       |
|                                 | Single/dual rate spring                             | —                                                       |
|                                 | Single/dual ride heights                            | —                                                       |
|                                 | Provision for jacking                               | —                                                       |
| Shock absorber damping controls | Standard/option/not avail                           | N / A                                                   |
|                                 | Manual/automatic control                            | —                                                       |
|                                 | Number of damping rates                             | —                                                       |
|                                 | Type of actuation (manual/ electric motor/air etc ) | —                                                       |
|                                 | s Lateral acceleration                              | —                                                       |
|                                 | n Deceleration                                      | —                                                       |
|                                 | s Acceleration                                      | —                                                       |
|                                 | r Road surface                                      | —                                                       |
| Shock absorber (front & rear)   | Type                                                | Strut — Front / Shock — Rear, Gas-Pressurized Hydraulic |
|                                 | Make                                                | Monroe Automotive                                       |
|                                 | Piston diameter                                     | Front 32 (1 26) / Rear 30 12 (1 19)                     |
|                                 | Rod diameter                                        | Front 22 (0 87) / Rear 12 5 (0 5)                       |

### Suspension – Front

| Type and description |                                                                           | Hybrid MacPherson Strut with Spring Mounted on Lower Control Arm              |
|----------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| Travel               | Full jounce (define load condition)                                       | 70 4 (2 77)                                                                   |
|                      | Full rebound                                                              | 101 2 (3 98)                                                                  |
| Spring               | Type (coil leaf other & material)                                         | Coil, SAE 5160-H Steel                                                        |
|                      | Insulators (type & material)                                              | Upper-Ring, Lower-Sleeve & Rubber                                             |
|                      | Size (Leaf length & width Coil design height & i d Bar length & diameter) | 254 (10 0) and 89 0 (3 50)                                                    |
|                      | Spring rate [N/mm (lb/in )]                                               | 78 8 (450)                                                                    |
|                      | Rate at wheel [N/mm (lb/in )]                                             | 21 0 (119)                                                                    |
| Stabilizer           | Type (link linkless frameless)                                            | Link, Bayonet-Style with Polyurethane Bushings                                |
|                      | Material & O D bar/tube wall thickness                                    | SAE-J403-1090 Solid Bar 25 4 (1 00) with Self Lubricating Elastomer Insulator |

### Suspension – Rear

| Type and description |                                                                           | Four Bar Link with Coil Spring on Lower Arm |
|----------------------|---------------------------------------------------------------------------|---------------------------------------------|
| Travel               | Full jounce (define load condition)                                       | 64 9 (2 55)                                 |
|                      | Full rebound                                                              | 122 4 (4 82)                                |
| Spring               | Type (coil leaf other & material)                                         | Coil, SAE-5160 H Steel                      |
|                      | Size (Leaf length & width Coil design height & i d Bar length & diameter) | 220 (8 7) and 102 (4 02)                    |
|                      | Spring rate [N/mm (lb/in )]                                               | 36 8 (210)                                  |
|                      | Rate at wheel [N/mm (lb/in )]                                             | 17 9 (102 7)                                |
|                      | Insulators (type & material)                                              | Upper Disc (Rubber), Lower Disc (Rubber)    |
|                      | if leaf No of leaves                                                      | N / A                                       |
| Stabilizer           | Shackle (comp or tens )                                                   | N / A                                       |
|                      | Type (link linkless frameless)                                            | N / A                                       |
|                      | Material & O D bar/tube wall thickness                                    |                                             |
| Track bar (type)     |                                                                           | None                                        |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Model Code/Description And/Or  
Engine Code/Description

**MUSTANG GT**

**MUSTANG MACH 1**

### Suspension – General Including Electronic Controls

|                                 |                                                     |                                                                                     |
|---------------------------------|-----------------------------------------------------|-------------------------------------------------------------------------------------|
| Car leveling                    | Standard/optional/not avail                         | N / A                                                                               |
|                                 | Manual/automatic control                            | —                                                                                   |
|                                 | Type (air/hydraulic)                                | —                                                                                   |
|                                 | Primary/assist spring                               | —                                                                                   |
|                                 | Rear only/4 wheel leveling                          | —                                                                                   |
|                                 | Single/dual rate spring                             | —                                                                                   |
|                                 | Single/dual ride heights                            | —                                                                                   |
|                                 | Provision for jacking                               | —                                                                                   |
| Shock absorber damping controls | Standard/option/not avail                           | N / A                                                                               |
|                                 | Manual/automatic control                            | —                                                                                   |
|                                 | Number of damping rates                             | —                                                                                   |
|                                 | Type of actuation (manual/ electric motor/air etc ) | —                                                                                   |
|                                 | sensors                                             | Lateral acceleration                                                                |
|                                 |                                                     | Deceleration                                                                        |
|                                 |                                                     | Acceleration                                                                        |
|                                 |                                                     | Road surface                                                                        |
| Shock absorber (front & rear)   | Type                                                | Front Struts / Vert Rear Shocks, Gas-Pressurized Hydraulic, Horizontal Rear Dampers |
|                                 | Make                                                | Front Struts / Rear Shocks — Monroe Automotive, Rear Dampers — Arvin                |
|                                 | Piston diameter                                     | Front 32 (1 26) / Rear 30 12 (1 19) Damper 25 4 (1 00)                              |
|                                 | Rod diameter                                        | Front 22 (0 87) / Rear 12 5 (0 5), Damper 12 5 (0 50)                               |

### Suspension – Front

|                      |                                                                             |                                                                  |                               |
|----------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------|
| Type and description |                                                                             | Hybrid MacPherson Strut with Spring Mounted on Lower Control Arm |                               |
| Travel               | Full jounce (define load condition)                                         | 70 4 (2 77)                                                      |                               |
|                      | Full rebound                                                                | 101 2 (3 98)                                                     |                               |
| Spring               | Type (coil leaf other & material)                                           | Coil, SAE 5160 Steel                                             |                               |
|                      | Insulators (type & material)                                                | Upper — Ring, Lower — Sleeve and Rubber                          |                               |
|                      | Size (Leaf length & width Coil design height & i d , Bar length & diameter) | 254 (10 0) and 89 0 (3 5)                                        |                               |
|                      | Spring rate [N/mm (lb/in )]                                                 | 78 8 (450)                                                       | 105 1 (600)                   |
|                      | Rate at wheel [N/mm (lb/in )]                                               | 21 0 (119)                                                       | 28 0 (160)                    |
| Stabilizer           | Type (link linkless frameless)                                              | Link, Bayonet-Style with Polyurethane Bushings                   |                               |
|                      | Material & O D bar/tube wall thickness                                      | SAE-J403-1090 Solid Bar, 26 5 (1 04)                             | SAE 5404, 4130 DOM — Tube (a) |

### Suspension – Rear

|                      |                                                                             |                                                                                                                      |                               |
|----------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Type and description |                                                                             | Four Bar Link with Coil Spring on Lower Arm, Also Includes both Vertical Shock Absorbers and Horizontal Axle Dampers |                               |
| Travel               | Full jounce (define load condition)                                         | 64 9 (2 55)                                                                                                          |                               |
|                      | Full rebound                                                                | 122 4 (4 82)                                                                                                         |                               |
| Spring               | Type (coil leaf other & material)                                           | Coil and SAE 5160H Steel                                                                                             |                               |
|                      | Size (Leaf length & width Coil design height & i d , Bar length & diameter) | 220 (8 7) & 102 (4 02)                                                                                               |                               |
|                      | Spring rate [N/mm (lb/in )]                                                 | 36 8 (210)                                                                                                           | 43 8 (250)                    |
|                      | Rate at wheel [N/mm (lb/in )]                                               | 17 9 (102 7)                                                                                                         | 21 3 (122)                    |
|                      | Insulators (type & material)                                                | Lower Disc (Rubber) and Upper Disc (Rubber)                                                                          |                               |
|                      | If leaf                                                                     | No of leaves                                                                                                         | N / A                         |
|                      |                                                                             | Shackle (comp or tens )                                                                                              | N / A                         |
| Stabilizer           | Type (link, linkless, frameless)                                            | Linkless                                                                                                             |                               |
|                      | Material & O D bar/tube wall thickness                                      | SAE-J403, 5160 Solid Bar, 23 0 (0 90)                                                                                | SAE-5404, 4130 DOM — Tube (b) |
| Track bar (type)     |                                                                             | None                                                                                                                 |                               |

(a) 29 0 (1 14) OD x 4 64 (0 182) Wall Thickness Tube w/SAE J403 1018 Solid Ends

(b) 26 0 (1 03) OD x 4 2 (0 165) Wall Thickness Tube w/SAE J403 1018 Solid Ends

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Model Code/Description And/Or  
Engine Code/Description

**MUSTANG AND GT MODELS**

**MUSTANG MACH 1 MODEL  
(GT WHICH APPLIES)**

### Brakes — Service

|                                                            |                                            |                                                      |                                                                     |
|------------------------------------------------------------|--------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------|
| Description                                                |                                            | Four Wheel Hydraulic Actuated System                 |                                                                     |
| Manufacturer and<br>brake type (std, opt, n/a)             | Front (disc or drum)                       | Disc                                                 |                                                                     |
|                                                            | Rear (disc or drum)                        | Disc                                                 |                                                                     |
| Valving type (proportion delay metering, other)            |                                            | Proportion (700 / 0.43)                              |                                                                     |
| Power brake (std, opt, n/a)                                |                                            | Standard                                             |                                                                     |
| Booster type (remote integral vac hyd etc)                 |                                            | 205 (8.07) Tandem, Vacuum/Hyd w/GT                   | Hydraulic                                                           |
| Vacuum                                                     | Source (inline pump etc)                   | Inline                                               |                                                                     |
|                                                            | Reservoir (volume in <sup>3</sup> )        | N / A                                                |                                                                     |
|                                                            | Pump-type (elec, gear driven, belt driven) | N / A                                                |                                                                     |
| Traction<br>assist                                         | Operational speed range                    | Full Speed                                           |                                                                     |
|                                                            | Type (engine or brake intervention)        | Opt (Std w/Premium / Engine                          | Std / Engine                                                        |
| Anti lock<br>device                                        | Front / rear (std, opt, n/a)               | 3.8L Optional (Standard on Premium)(b)               | GT / Mach 1 Standard                                                |
|                                                            | Manufacturer                               | Bosch                                                |                                                                     |
|                                                            | Type (electronic, mech)                    | Electronic                                           |                                                                     |
|                                                            | Number sensors or circuits                 | 4                                                    |                                                                     |
|                                                            | Number anti lock hydraulic circuits        | 4 with ABS/Traction Control                          | 4                                                                   |
|                                                            | Integral or add-on system                  | Integral                                             |                                                                     |
|                                                            | Yaw control (yes, no)                      | No                                                   |                                                                     |
| Hydraulic power source (elec, vac, mtr, pwr, sing)         |                                            | Electric Motor                                       | GT / Mach 1 — Power Steering                                        |
| Effective area cm <sup>2</sup> (in <sup>2</sup> )*         |                                            | 222 / 102                                            | 212.8 (33.0) / 107.0 (16.6)                                         |
| Gross lining area cm <sup>2</sup> (in <sup>2</sup> )*(F/R) |                                            | 238 / 107 (16.6)                                     | 216.9 (33.6) / 107.0 (16.6)                                         |
| Swept area cm <sup>2</sup> (in <sup>2</sup> )*(F/R)        |                                            | 1486 / 1086 (168.3)                                  | 1456.0 (225.7) / 1226.0 (190.0)                                     |
| Rotor                                                      | Outer working diameter                     | F/R 276 (10.8) / 266 (10.5)                          | 330.0 (13.0) / 296.0 (11.65)                                        |
|                                                            | Inner working diameter                     | F/R 175.7 (6.9) / 180.5 (7.1)                        | 247.6 (9.75) / 210.0 (8.3)                                          |
|                                                            | Thickness                                  | F/R 26 (1.02) / 14 (0.55)                            | 28.0 (1.10) / 18.0 (0.71)                                           |
|                                                            | Material & type (vented/solid)             | F/R Cast Iron, Vented / Cast Iron, Solid             | Cast Iron Vented / Cast Iron, Vented                                |
| Drum                                                       | Diameter & width                           | F/R N / A                                            |                                                                     |
|                                                            | Type and material                          | F/R —                                                |                                                                     |
| Wheel cylinder bore                                        |                                            | 43.0 (1.7) — 2 Cal. Frt / 38 (1.6) — Rear            | 40.5 (1.6) — 2 Cal. Frt / 38 (1.5) — 2 Cal. Rear                    |
| Master cylinder                                            |                                            | Bore/stroke F/R 3.8L — 25.4 (1.0) / 25.08 (0.99) (a) | GT / Mach 1 — 27.03 (1.06) / 33.03 (1.3)                            |
| Pedal arc ratio                                            |                                            | 3.8L — 3.5 : 1                                       | GT / Mach 1 — 4.75 : 1                                              |
| Line pressure at 445 N (100 lb) pedal load [kPa (psi)]     |                                            | 3.8L — 8881 (1288)                                   | GT / Mach 1 — 14224 (2063)                                          |
| Lining clearance                                           |                                            | F/R                                                  |                                                                     |
| Brake<br>lining                                            | Front<br>wheel                             | Bonded or riveted (rivets/seg)                       | Bonded                                                              |
|                                                            |                                            | Rivet size                                           | N / A                                                               |
|                                                            |                                            | Manufacturer                                         | Akebono JBI                                                         |
|                                                            |                                            | Lining code*****                                     | AK-NS187H CP-26-FE                                                  |
|                                                            |                                            | Material                                             | Low Metallic, Non Asbestos Semi-Metallic, Non Asbestos              |
|                                                            |                                            | **** Primary or out board                            | 130 x 52 x 9.5 (5.1 x 2.1 x 0.4) 137 x 40 x 9.5 (5.4 x 1.6 x 0.4)   |
|                                                            |                                            | Size Secondary or in board                           | 130 x 52 x 9.5 (5.1 x 2.1 x 0.4) 137 x 40 x 9.5 (5.4 x 1.6 x 0.4)   |
|                                                            |                                            | Shoe thickness (no lining)                           | 6.0 (0.23)                                                          |
|                                                            | Rear<br>wheel                              | Bonded or riveted (rivets/seg)                       | Bonded                                                              |
|                                                            |                                            | Manufacturer                                         | Akebono                                                             |
|                                                            |                                            | Lining code*****                                     | AK-NS516H                                                           |
|                                                            |                                            | Material                                             | Low Metallic, Non Asbestos                                          |
|                                                            |                                            | **** Primary or out board                            | 72.4 x 38 x 12 (2.8 x 1.5 x 0.47) 72.4 x 38 x 10 (2.8 x 1.5 x 0.40) |
|                                                            |                                            | Size Secondary or in board                           | 72.4 x 38 x 12 (2.8 x 1.5 x 0.47) 72.4 x 38 x 10 (2.8 x 1.5 x 0.40) |
|                                                            |                                            | Shoe thickness (no lining)                           | 5.0 (0.20)                                                          |

\* Excludes rivet holes, grooves, chamfers, etc. \*\* Includes rivet holes, grooves, chamfers, etc.

\*\*\* Total swept area for four brakes (Drum brake: Widest lining contact width for each brake x its contact circumference)  
(Disc brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by  $\pi/2$  for each brake)

\*\*\*\* Size for drum brakes includes length x width x thickness

\*\*\*\*\* Manufacturer I.D. catalog for formulation designation and coefficient of friction classification

(a) 25.4 (1.0) / 37.27 (1.30) 3.8L w/Traction Control

(b) Coupe requires automatic transmission

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Model Code/Description And/Or  
Engine Code/Description

**MUSTANG STANDARD/  
DELUXE MODELS**

**MUSTANG PREMIUM MODELS**

### Tires And Wheels (Standard)

|        |                                                            |                           |                                                                                                                                 |
|--------|------------------------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Tires  | Size (service description)                                 |                           | P225/55R16 94T                                                                                                                  |
|        | Type (bias radial steel nylon etc.)                        |                           | Steel Belted Radial                                                                                                             |
|        | Inflation pressure (cold) for recommended max vehicle load | Front kPa (psi)           | 240 (35)                                                                                                                        |
|        |                                                            | Rear kPa (psi)            | 240 (35)                                                                                                                        |
|        | Rev /mile at 70 km/h (45 mph)                              |                           | 812                                                                                                                             |
| Wheels | Type & material                                            |                           | Aluminum 5-Spoke Painted Aluminum 5 Spoke, Bright-Machined                                                                      |
|        | Rim (size & flange type)                                   |                           | 16" x 7 0"                                                                                                                      |
|        | Wheel offset                                               |                           | 30 (1 18)                                                                                                                       |
|        | Attachment                                                 | Type (bolt or stud & nut) | Stud                                                                                                                            |
|        |                                                            | Circle diameter           | (4 5)                                                                                                                           |
|        | Number & size                                              |                           | Five - 12 7 ( 50) - 20 Thd                                                                                                      |
| Spare  | Tire and wheel                                             |                           | T145/80D16, 415 kPa (60 PSI), Steel Wheel (16" x 4 5"), Temporal Spare (High Pressure) (Aluminum Wheel Optional on Some Models) |
|        | Storage position & location (describe)                     |                           | Flat Position, Deep Well in Trunk                                                                                               |

### Tires and Wheels (Optional)

|                                                                                                                               |  |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------|
| Tire size (service description)                                                                                               |  | —                                                    |
| Type (bias radial steel nylon etc.)                                                                                           |  | —                                                    |
| Wheel (type & material)                                                                                                       |  | Aluminum, 5-Spoke Polished (Pony Package)            |
| Rim (size flange type and offset)                                                                                             |  | 16" x 7 5" Offset 30 (1 18)                          |
| Tire size (service description)                                                                                               |  | —                                                    |
| Type (bias radial steel nylon etc.)                                                                                           |  | —                                                    |
| Wheel (type & material)                                                                                                       |  | —                                                    |
| Rim (size flange type and offset)                                                                                             |  | —                                                    |
| Tire size (service description)                                                                                               |  | —                                                    |
| Type (bias radial steel nylon etc.)                                                                                           |  | —                                                    |
| Wheel (type & material)                                                                                                       |  | Aluminum, 5-Spoke Bright Machined (Sport Appearance) |
| Rim (size flange type and offset)                                                                                             |  | 16" x 7 5", Offset 30 (1 18)                         |
| Tire size (service description)                                                                                               |  | —                                                    |
| Type (bias radial steel nylon etc.)                                                                                           |  | —                                                    |
| Wheel (type & material)                                                                                                       |  | —                                                    |
| Rim (size flange type and offset)                                                                                             |  | —                                                    |
| Spare tire and wheel size                                                                                                     |  | —                                                    |
| (if configuration is different than road tire or wheel describe optional spare tire and/or wheel location & storage position) |  | —                                                    |

### Brakes — Parking

|                                 |                                          |                                  |
|---------------------------------|------------------------------------------|----------------------------------|
| Type of control                 |                                          | Pull Lever - Push Button Release |
| Location of control             |                                          | Tunnel Mounted                   |
| Operates on                     |                                          | Rear Service Brakes              |
| If separate from service brakes | Type (internal or external)              | N / A                            |
|                                 | Drum diameter                            | —                                |
|                                 | Lining size (length x width x thickness) | —                                |

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Model Code/Description And/Or  
Engine Code/Description

**MUSTANG GT DELUXE/  
PREMIUM MODELS**

**MUSTANG MACH 1 MODEL**

### Tires And Wheels (Standard)

|        |                                                            |                           |                                                                                                                                                                         |
|--------|------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tires  | Size (service description)                                 |                           | 245/45ZR17                                                                                                                                                              |
|        | Type (bias radial steel nylon etc )                        |                           | Double Steel Belted Radial                                                                                                                                              |
|        | Inflation pressure (cold) for recommended max vehicle load | Front kPa (psi)           | 207 (30)                                                                                                                                                                |
|        |                                                            | Rear kPa (psi)            | 207 (30)                                                                                                                                                                |
| Wheels | Rev /mile at 70 km/h (45 mph)                              |                           | 814                                                                                                                                                                     |
|        | Type & material                                            |                           | Aluminum, 5-Spoke Painted (a) Alum , Alloy 5-Spoke Bright Machined Heritage                                                                                             |
|        | Rim (size & flange type)                                   |                           | 17" x 8 0"                                                                                                                                                              |
|        | Wheel offset                                               |                           | 30 (1 18)                                                                                                                                                               |
|        | Attachment                                                 | Type (bolt or stud & nut) | Stud                                                                                                                                                                    |
|        |                                                            | Circle diameter           | (4 5)                                                                                                                                                                   |
| Spare  | Number & size                                              |                           | Five — 12 7 (0 50) — 20 THD                                                                                                                                             |
|        | Tire and wheel                                             |                           | T145/80D16, 415 KPa (60 PSI), Alum Wheel (16" x 4 5"), Temporal Spare (High Pressure) T155/70R17 415 KPa (60 PSI) Alum Wheel (17" x 4"), Temporal Spare (High Pressure) |
|        | Storage position & location (describe)                     |                           | Flat Position, Deep Well in Trunk                                                                                                                                       |

### Tires and Wheels (Optional)

(NOT AVAILABLE)

|                                                                                                                                                         |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Tire size (service description)                                                                                                                         |  |
| Type (bias radial steel nylon etc )                                                                                                                     |  |
| Wheel (type & material)                                                                                                                                 |  |
| Rim (size flange type and offset)                                                                                                                       |  |
| Tire size (service description)                                                                                                                         |  |
| Type (bias radial steel nylon etc )                                                                                                                     |  |
| Wheel (type & material)                                                                                                                                 |  |
| Rim (size flange type and offset)                                                                                                                       |  |
| Tire size (service description)                                                                                                                         |  |
| Type (bias radial steel nylon etc )                                                                                                                     |  |
| Wheel (type & material)                                                                                                                                 |  |
| Rim (size flange type and offset)                                                                                                                       |  |
| Tire size (service description)                                                                                                                         |  |
| Type (bias radial steel nylon etc )                                                                                                                     |  |
| Wheel (type & material)                                                                                                                                 |  |
| Rim (size flange type and offset)                                                                                                                       |  |
| Spare tire and wheel size (if configuration is different than road tire or wheel describe optional spare tire and/or wheel location & storage position) |  |

### Brakes — Parking

|                                 |                                          |                                  |
|---------------------------------|------------------------------------------|----------------------------------|
| Type of control                 |                                          | Pull Lever — Push Button Release |
| Location of control             |                                          | Tunnel Mounted                   |
| Operates on                     |                                          | Rear Service Brakes              |
| If separate from service brakes | Type (internal or external)              | N / A                            |
|                                 | Drum diameter                            | —                                |
|                                 | Lining size (length x width x thickness) | —                                |

(a) GT Premium has Forged Aluminum, Polished Wheels with Bright Flange

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Model Code/Description And/Or  
Engine Code/Description

### MUSTANG MODELS

### MUSTANG GT AND MACH 1 MODELS

#### Steering

|                                                           |                                          |                       |                                                                |             |
|-----------------------------------------------------------|------------------------------------------|-----------------------|----------------------------------------------------------------|-------------|
| Manual (std opt n a )                                     |                                          |                       | N / A                                                          |             |
| Power (std opt n a )                                      |                                          |                       | Standard                                                       |             |
| Speed sensitive (std opt n a )                            |                                          |                       | N / A                                                          |             |
| 4-wheel steering (std opt n a )                           |                                          |                       | N / A                                                          |             |
| Adjustable steering wheel/column (tilt, telescope, other) | Type                                     | Tilt Column           |                                                                |             |
|                                                           | Manufacturer                             | Ford                  |                                                                |             |
|                                                           | (std opt n a )                           | Standard              |                                                                |             |
| Wheel diameter** (W9) SAE J1100                           | Manual                                   | N / A                 |                                                                |             |
|                                                           | Power                                    | Std 381 (15)          |                                                                |             |
| Turning diameter m (ft )                                  | Outside front                            | Wall to wall (l & r ) |                                                                |             |
|                                                           |                                          | Curb to curb (l & r ) | 11 3 (37 1)                                                    | 11 6 (38 1) |
|                                                           | Inside rear                              | Wall to wall (l & r ) |                                                                |             |
|                                                           |                                          | Curb to curb (l & r ) |                                                                |             |
| Scrub Radius*                                             |                                          |                       | 13 3                                                           | 5 5         |
| Manual                                                    | Gear                                     | Type                  | N / A                                                          |             |
|                                                           |                                          | Manufacturer          | —                                                              |             |
|                                                           |                                          | Ratios Gear           | —                                                              |             |
|                                                           |                                          | Overall               | —                                                              |             |
|                                                           | No wheel turns (stop to stop)            |                       | —                                                              |             |
| Power                                                     | Type (coaxial elec , hyd etc )           |                       | Integral Hydraulic                                             |             |
|                                                           | Manufacturer                             |                       | Gear (Ford) Pump (Ford), Fluid WSA-M2C195-A                    |             |
|                                                           | Gear                                     | Type                  | Rack and Pinion                                                |             |
|                                                           |                                          | Ratios Gear           | 6 44°/mm Constant Ratio                                        |             |
|                                                           |                                          | Overall               | 15 0 1 on Center 13 2 1 at Stops                               |             |
|                                                           | Pump (drive)                             |                       | Multi-Rib Belt Off Crankshaft Pulley                           |             |
|                                                           | No wheel turns (stop to stop)            |                       | 2 74                                                           | 2 62        |
|                                                           | Type                                     |                       | Rack and Pinion (Rod and Ball Joint Directly Attached to Gear) |             |
| Linkage                                                   | Location (front or rear of wheels other) |                       | Front of Wheels                                                |             |
|                                                           | Tie rods (one or two)                    |                       | Two (Integral with Gear)                                       |             |
|                                                           | Inclination at camber (deg )             |                       | 17 7°                                                          |             |
| Steering axis                                             | Bearings (type)                          | Upper                 | Strut Mount                                                    |             |
|                                                           |                                          | Lower                 | Ball Joint                                                     |             |
|                                                           |                                          | Thrust                |                                                                |             |
| Steering spindle/knuckle & joint type                     |                                          |                       | Forged Spindle, with Ball Joint                                |             |

\* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground

\*\* See Page 23

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised

## METRIC

Model Code/Description And/Or  
Engine Code/Description

**ALL MODELS  
EXCEPT MACH 1**

**MACH 1**

### Wheel Alignment

|                               |                          |                                  |                                       |                    |
|-------------------------------|--------------------------|----------------------------------|---------------------------------------|--------------------|
| Front wheel at curb mass (wt) | Service checking         | Caster (deg)                     | $+3.2^{\circ} \pm 0.75^{\circ}$ (a)   |                    |
|                               |                          | Camber (deg)                     | $-0.6^{\circ} \pm 0.5^{\circ}$ (a)    | $0.9 \pm 0.5$ (a)  |
|                               |                          | Toe-in outside track mm (in) (c) | $0.125^{\circ} \pm 0.075^{\circ}$ (b) |                    |
|                               | Service reset*           | Caster (deg)                     | Factory Set and Cannot Be Adjusted    |                    |
|                               |                          | Camber (deg)                     | $-0.6^{\circ} \pm 0.75^{\circ}$ (a)   | $-0.9 \pm 0.5$ (a) |
|                               |                          | Toe-in mm (in)                   | $0.125^{\circ} \pm 0.075^{\circ}$ (b) |                    |
|                               | Periodic M V in spection | Caster (deg)                     | $+3.2^{\circ} \pm 0.75^{\circ}$ (a)   |                    |
|                               |                          | Camber (deg)                     | $-0.6^{\circ} \pm 0.75^{\circ}$ (a)   | $-0.9 \pm 0.5$ (a) |
|                               |                          | Toe in mm (in)                   | $0.125^{\circ} \pm 0.075^{\circ}$ (b) |                    |
| Rear wheel at curb mass (wt)  | Service checking         | Camber (deg)                     | N / A                                 |                    |
|                               |                          | Toe in outside track mm (in)     | N / A                                 |                    |
|                               | Service reset*           | Camber (deg)                     | N / A                                 |                    |
|                               |                          | Toe in mm (in)                   | N / A                                 |                    |
|                               | Periodic M V in spection | Camber (deg)                     | N / A                                 |                    |
|                               |                          | Toe in mm (in)                   |                                       |                    |

\* Indicates pre-set, adjustable, trend set or other

(a) Max. Side-to-Side Difference Not to Exceed  $\pm 0.75^{\circ}$

(b) Steering Wheel Must be Within  $\pm 2^{\circ} \pm 3^{\circ}$  (Counter-Clockwise) After Toe Setting

(c) Toe-In Shown in Degrees

### Electrical - Instruments and Equipment

|                        |                                               |                                                 |                                                                    |
|------------------------|-----------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------|
| Speedometer            | Type (analog, digital, std., opt.)            | Standard                                        | Analog, Standard 193 KPH / 120 MPH (c)                             |
|                        | Trip odometer (std., opt., n/a)               | Standard                                        | Standard / Vacuum Fluorescent (V F)                                |
|                        | Standard optional not available               | N / A                                           |                                                                    |
| Head-up display        | Type                                          | Secondary opto electronic                       | —                                                                  |
|                        | Speedometer                                   | Digital                                         | —                                                                  |
|                        | Status / warning indicators                   | Turn signals, high beam, low fuel, check gauges | —                                                                  |
|                        | Brightness control                            | Day / night mode adjustable                     | —                                                                  |
|                        | EGR maintenance indicator                     |                                                 | N / A                                                              |
| Charge indicator       | Type                                          |                                                 | 90° Magnetic Voltmeter Gauge, Standard                             |
|                        | Warning device (light, audible)               |                                                 | Warning Light, Standard                                            |
| Temperature indicator  | Type                                          |                                                 | 90° Magnetic Gauge, Standard                                       |
|                        | Warning device (light, audible)               |                                                 | N / A                                                              |
| Oil pressure indicator | Type                                          |                                                 | 90° Magnetic Gauge, Standard                                       |
|                        | Warning device (light, audible)               |                                                 | N / A                                                              |
| Fuel indicator         | Type                                          |                                                 | 90° Magnetic Gauge, Standard                                       |
|                        | Warning device (light, audible)               |                                                 | Low Fuel Warning                                                   |
| Wind shield wiper      | Type (standard)                               |                                                 | Two-Speed Electric Column-Mounted Control, Interval Wipe, Standard |
|                        | Type (optional)                               |                                                 | N / A                                                              |
|                        | Blade length                                  |                                                 | 500 (20)                                                           |
|                        | Swept area cm <sup>2</sup> (in <sup>2</sup> ) |                                                 | 6381 (989)                                                         |
| Wind-shield washer     | Type (standard)                               |                                                 | Electric Pump (Impeller Type, Dual Fluidic Spray), Standard        |
|                        | Type (optional)                               |                                                 | N / A                                                              |
|                        | Fluid level indicator (light, audible)        |                                                 | N / A                                                              |
| Rear window wiper      | wiper/washer (std., opt., n/a)                |                                                 | N / A                                                              |
| Horn                   | Type                                          |                                                 | Air Electric                                                       |
|                        | Number used                                   |                                                 | Two Standard — One Hi-Pitch, One Lo-Pitch                          |

Other

See Page 15A

(c) 241 KPH / 150 MPH with GT Model

# Specifications

Vehicle Line MUSTANG  
Model Year 2003 Issued 01/03 Revised (\*)

## METRIC

### SUPPLEMENTAL PAGE

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#### Electrical Instruments and Equipment (Cont'd)

- Brake System Warning Light
- Emergency Flashers
- Directional Turn Signal Lights
- Hi-Beam Indicator Light
- Fasten Seat Belts Warning Light
- Headlamps "ON" Reminder Chime, Safety Belt Warning Chime, Ignition Key Reminder Chime
- Check Engine Warning Light (Emissions Warning)
- Air Bag Readiness Light
- Anti-Lock Brake System, Warning Light
- Overdrive "Off" Indicator Light
- Low Fuel Warning Light
- Loose Fuel Cap Light

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Model Code/Description

### MUSTANG MODELS / 3 8L

#### Electrical – Supply System

See Page 16A for 4 6L (SOHC) and 16B for 4 6L (DOHC)

|            |                           |                                       |
|------------|---------------------------|---------------------------------------|
| Battery    | Manufacturer              | Johnson Controls Inc                  |
|            | Model (std opt)           | Standard                              |
|            | Voltage                   | 12                                    |
|            | Amps at 0°F cold crank    | 540                                   |
|            | Minutes reserve capacity  | 100                                   |
|            | Amps/hrs 20 hr rate       | 58                                    |
|            | Location                  | Left-Hand Front of Engine Compartment |
| Alternator | Manufacturer              | Visteon (Rawsonville)                 |
|            | Rating (idle/max rpm)     | 57/110 Amp / Max (1R3U-10300-AD)      |
|            | Ratio (all crank/rev)     | 2 79 1                                |
|            | Output at idle (rpm park) | 64 Amps                               |
|            | Optional (type & rating)  | N / A                                 |
| Regulator  | Type                      | Electronic – Integral with Alternator |

#### Electrical – Starting System

|             |                                  |                                             |
|-------------|----------------------------------|---------------------------------------------|
| Motor       | Manufacturer                     | Visteon (Ypsilanti) – Permanent Magnet Type |
|             | Current drain 20 (°F)            | 300 – 400 Amps                              |
|             | Power rating kw (hp)             | 1 4 (1 9)                                   |
| Motor drive | Engagement type                  | Positive (F7SU-A1B)                         |
|             | Pinion engages from (front rear) | Front Conventional Axial Mount              |

#### Electrical – Ignition System

|             |                               |                                                                      |
|-------------|-------------------------------|----------------------------------------------------------------------|
| Type        | Electronic (std opt n a)      | Standard                                                             |
|             | Other (specify)               | Integral EDIS                                                        |
| Coil        | Manufacturer                  | Motorcraft (Visteon Ypsilanti)                                       |
|             | Model                         | 6 Tower DIS Ignition Coil 1F2U-12029-AC                              |
|             | Current                       | Engine stopped – A                                                   |
|             |                               | Engine idling – A                                                    |
| Spark plug  | Manufacturer                  | Motorcraft (Allied Signal)                                           |
|             | Model                         | AGSF-42-FM – RH Bank, AGSF-42-EG – LH Bank (For Service AWSF-42 EEM) |
|             | Thread (mm)                   | 14                                                                   |
|             | Tightening torque N·m (lb ft) | 9 – 20 (7 – 15)                                                      |
|             | Gap                           | 1 32 – 1 42 ( 052 – 056)                                             |
|             | Number per cylinder           | One                                                                  |
| Distributor | Manufacturer                  | N / A                                                                |
|             | Model                         | N / A                                                                |

#### Electrical – Suppression

Locations & type

Capacitor in Alternator Resistor Spark Plugs and Resistance Core Ignition Wire Ground Cable – Engine to Dash Ground Cable, Hood Bond, RF Shielding Material

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Engine Code/Description

**MUSTANG GT 4 6L (SOHC)**

### Electrical – Supply System

See Page 16 for 3 8L and 16B for 4 6L (DOHC)

|            |                           |                                       |
|------------|---------------------------|---------------------------------------|
| Battery    | Manufacturer              | Johnson Controls Inc                  |
|            | Model (std opt)           | Standard                              |
|            | Voltage                   | 12                                    |
|            | Amps at 0°F cold crank    | 540                                   |
|            | Minutes reserve capacity  | 100                                   |
|            | Amps/hrs 20 hr rate       | 58                                    |
|            | Location                  | Left-Hand Front of Engine Compartment |
| Alternator | Manufacturer              | Visteon (Rawsonville)                 |
|            | Rating (idle/max rpm)     | 65/110 Amp / Max XR3U-AC)             |
|            | Ratio (alt crank/rev)     | 3 16 1                                |
|            | Output at idle (rpm park) | 65 Amps                               |
|            | Optional (type & rating)  | N / A                                 |
| Regulator  | Type                      | Electronic Integral with Alternator   |

### Electrical – Starting System

|             |                                  |                                             |
|-------------|----------------------------------|---------------------------------------------|
| Motor       | Manufacturer                     | Visteon (Ypsilanti) – Permanent Magnet Type |
|             | Current drain 20 (°F)            | 300 – 400 Amps                              |
|             | Power rating kw (hp)             | 1 4 (1 9)                                   |
| Motor drive | Engagement type                  | Positive (F7UU-AB)                          |
|             | Pinion engages from (front rear) | Front                                       |

### Electrical – Ignition System

|             |                               |                                                            |
|-------------|-------------------------------|------------------------------------------------------------|
| Type        | Electronic (std opt, n a)     | Standard Electronic Distributorless Ignition System (EDIS) |
|             | Other (specify)               | N / A                                                      |
| Coil        | Manufacturer                  | Visteon                                                    |
|             | Model                         | COP 1L2U-12A366-AA                                         |
|             | Current                       | Engine stopped – A 0 Amps                                  |
|             |                               | Engine idling – A Less than 6 5 Amps                       |
| Spark plug  | Manufacturer                  | Honeywell                                                  |
|             | Model                         | AWSF-32PM                                                  |
|             | Thread (mm)                   | 14                                                         |
|             | Tightening torque N•m (lb ft) | 9 – 20 (7 – 15)                                            |
|             | Gap                           | 1 37 (0 054)                                               |
| Distributor | Number per cylinder           | One                                                        |
|             | Manufacturer                  | N / A                                                      |
|             | Model                         | N / A                                                      |

### Electrical – Suppression

|                  |                                                                                                                                          |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Locations & type | Capacitor in Alternator Resistor Spark Plugs, Resistance Ignition Wire Ground Cable – Engine to Dash, Hood Bond, Ignition Coil Capacitor |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------|

# Specifications

Vehicle Line MUSTANG MACH 1

Model Year 2003 Issued 01/03 Revised (+) \_\_\_\_\_

## METRIC

Engine Code/Description

**MUSTANG MACH 1 4 6L (DOHC)**

### Electrical – Supply System

See Page 16 for 3 8L and 16A for 4 6L (SOHC)

|            |                           |                                     |
|------------|---------------------------|-------------------------------------|
| Battery    | Manufacturer              | Johnson Controls Inc                |
|            | Model (std opt)           | Standard                            |
|            | Voltage                   | 12                                  |
|            | Amps at 0°F cold crank    | 540                                 |
|            | Minutes reserve capacity  | 100                                 |
|            | Amps/hrs 20 hr rate       | 58                                  |
|            | Location                  | Left Front of Engine Compartment    |
| Alternator | Manufacturer              | Visteon (Rawsonville)               |
|            | Rating (idle/max rpm)     | 85/130 Amp / Max (YR3U-AA)          |
|            | Ratio (alt crank/rev)     | 2 52 1                              |
|            | Output at idle (rpm park) | 73 Amps                             |
|            | Optional (type & rating)  | N / A                               |
| Regulator  | Type                      | Electronic Integral with Alternator |

### Electrical – Starting System

|             |                                  |                                    |
|-------------|----------------------------------|------------------------------------|
| Motor       | Manufacturer                     | Motorcraft – Permanent Magnet Type |
|             | Current drain 20 ("F)            | 260 – 390                          |
|             | Power rating kw (hp)             | 1 5 (2 0)                          |
| Motor drive | Engagement type                  | Positive (F7UU-AB)                 |
|             | Pinion engages from (front rear) | Front                              |

### Electrical – Ignition System

|             |                               |                           |
|-------------|-------------------------------|---------------------------|
| Type        | Electronic (std opt n a)      | Standard Electronic (DIS) |
|             | Other (specify)               | N / A                     |
| Coil        | Manufacturer                  | Visteon                   |
|             | Model                         | COP 2C6U-12A366-AA        |
|             | Current                       | Engine stopped – A        |
|             |                               | Engine idling – A         |
| Spark plug  |                               | Less Than 6 5 Amps        |
|             | Manufacturer                  | Motorcraft                |
|             | Model                         | AWSF-32E                  |
|             | Thread (mm)                   | 14                        |
|             | Tightening torque N•m (lb ft) | 9 – 20 (7 – 15)           |
|             | Gap                           | 1 37 (0 54)               |
| Distributor | Number per cylinder           | One                       |
|             | Manufacturer                  | N / A                     |
|             | Model                         |                           |

### Electrical – Suppression

Locations & type

Capacitor in Alternator Resistor Spark Plugs, Resistance Ignition Wire  
Ground Cable – Engine to Dash Hood Bond, Ignition Coil Capacitor

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003**

Issued **01/03**

Revised (\*)

## METRIC

Model Code/Description

**ALL MODELS**

## Body

Structure

Unitized All-Steel Welded Body with Multi-Piece Side Stampings and Energy-Absorbing Front and Rear Structures

Bumper system  
front rear

Impact-Resistant TPO Fascias with Ultra High Strength Steel Understructure at Front and Rear  
Front/Rear - 5 MPH Bumpers - Ford Requirements

Anti corrosion treatment

- Major Exterior and Underbody Sheet Metal Components and Panels Pre Coated (Galvanized) Steel
- Body Cathodically Electrocoat Primed
- Urethane Chip-Resistant Primer
- Grille Integral with Polyurethane Fascia

## Body - Miscellaneous Information

|                                                           |                                                    |                                                                                      |                  |
|-----------------------------------------------------------|----------------------------------------------------|--------------------------------------------------------------------------------------|------------------|
| Type of finish (lacquer enamel other)                     | Enamel Acrylic (All Colors Clearcoat Except White) |                                                                                      |                  |
| Hood                                                      | Material & mass                                    | Composite (SMC), 15 (33)                                                             |                  |
|                                                           | Hinge location (front rear)                        | Rear                                                                                 |                  |
|                                                           | Type (counterbalance prop)                         | Prop                                                                                 |                  |
|                                                           | Release control (internal external)                | Primary - Internal Secondary - External                                              |                  |
| Trunk lid                                                 | Material & mass                                    | SMC, 12 2 (26 83) 3 8L                                                               | 15 3 (33 58), GT |
|                                                           | Type (counterbalance, other)                       | Counterbalance - Gas Spring                                                          |                  |
|                                                           | Internal release control (elec mech n a)           | Electric (with Power Lock Group)                                                     |                  |
| Hatch-back lid                                            | Material & mass                                    | N / A                                                                                |                  |
|                                                           | Type (counterbalance other)                        | —                                                                                    |                  |
|                                                           | Internal release control (elec mech n a)           | —                                                                                    |                  |
| Tailgate                                                  | Material & mass                                    | N / A                                                                                |                  |
|                                                           | Type (drop lift door)                              | —                                                                                    |                  |
|                                                           | Internal release control (elec mech n a)           | —                                                                                    |                  |
| Vent window control (crank friction pivot power)          | Front                                              | N / A                                                                                |                  |
|                                                           | Rear                                               | N / A                                                                                |                  |
| Window regulator type (cable tape flex drive etc)         | Front                                              | Mechanical Drive (Cross Arm)                                                         |                  |
|                                                           | Rear                                               | N / A Except Convertible, Convertible - Mechanical Drive (Single Arm)                |                  |
| Seat cushion type (e.g. 60/40 bucket bench wire foam etc) | Front                                              | Bucket, Stamped Frame - Coil Springs and Flexolater-Foam Pad (a)                     |                  |
|                                                           | Rear                                               | Bench, Integral Frame and Foam Pad Assembly                                          |                  |
|                                                           | 3rd seat                                           | None                                                                                 |                  |
| Seat back type (e.g. 60/40 bucket bench wire foam etc)    | Front                                              | Bucket Stamped Frame - Foam Pad (a)                                                  |                  |
|                                                           | Rear                                               | Bench Frm Hdbrd with Foam Pad Assy on Convertible (Fold Down, Split 50/50 for Coupe) |                  |
|                                                           | 3rd seat                                           | None                                                                                 |                  |

## Frame

Type and description (separate frame unitized frame partially unitized frame)

Unitized Construction

(a) Articulated Front Sport Seats Standard with GT

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Model Code/Description

ALL MODELS

## Restraint System

| Seating Position |                                                                                                | Left        |                                                | Center | Right                                         |
|------------------|------------------------------------------------------------------------------------------------|-------------|------------------------------------------------|--------|-----------------------------------------------|
| Active           | Type & description (lap & shoulder belt lap belt etc )                                         | First seat  | Type 2 3-Point Lap and Shoulder Belt, Standard | N / A  | Type 2 3-Point Lap and Shoulder Belt Standard |
|                  |                                                                                                | Second seat | Type 2 3 Point Lap and Shoulder Belt, Standard | N / A  | Type 2 3 Point Lap and Shoulder Belt Standard |
|                  | Standard / optional                                                                            | Third seat  | N / A                                          | N / A  | N / A                                         |
| Passive          | Type & description (air bag, motorized - 2 point belt fixed belt knee bolster manual lap belt) | First seat  | Frontal Air Bag                                | N / A  | Frontal Air Bag                               |
|                  |                                                                                                | Second seat | N / A                                          | N / A  | N / A                                         |
|                  | Standard / optional                                                                            | Third seat  | N / A                                          | N / A  | N / A                                         |

| Glass                                                                            | SAE Ref No | 2-DOOR COUPE                                             | CONVERTIBLE                                      |
|----------------------------------------------------------------------------------|------------|----------------------------------------------------------|--------------------------------------------------|
| Windshield glass exposed surface area cm <sup>2</sup> (in <sup>2</sup> )         | S1         | 10072 3 (1611 2)                                         |                                                  |
| Side glass exposed surface area cm <sup>2</sup> (in <sup>2</sup> ) total 2 sides | S2         | 1704 5 (264 2) Quarter Window<br>8221 54 (1274 34) Total | 7684 78 (1191 14) Total                          |
| Backlight glass exposed surface area cm <sup>2</sup> (in <sup>2</sup> )          | S3         | 10117 8 (1618 8)                                         |                                                  |
| Total glass exposed surface area cm <sup>2</sup> (in <sup>2</sup> )              | S4         | 28411 6 (4403 8)                                         |                                                  |
| Windshield glass (type/thickness)                                                |            | Laminated / 5 1 (0 2)                                    |                                                  |
| Side glass (type/thickness)                                                      |            | Tempered / 4 7 (0 19) Door<br>3 2 (0 126) Quarter        | Tempered / 4 7 (0 19) Door<br>4 7 (0 19) Quarter |
| Backlight glass (type/thickness)                                                 |            | Tempered / 3 4 (0 134)                                   |                                                  |
| Tinted (yes/no location)                                                         |            | Yes                                                      |                                                  |
| Solar control (yes/no coated/batched location)                                   |            | Running Change 1999 Model Year                           |                                                  |

## Headlamps

ALL MODELS

|                                                         |                                       |
|---------------------------------------------------------|---------------------------------------|
| Description (sealed beam halogen replaceable bulb etc ) | Aero Halogen, Replaceable Bulb (9007) |
| Shape                                                   | Single, Rectangular                   |
| Lo beam type (2A1 2B1 2C1 etc )                         | N / A                                 |
| Quantity                                                | Two (Combined Two Headlamp System)    |
| Hi beam type (1A1 2A1 1C1 2C1 etc )                     | N / A                                 |
| Quantity                                                | Two (Combined Two Headlamp System)    |

# Specifications

Vehicle Line MUSTANGModel Year 2003Issued 01/03

Revised (\*)

## METRIC

Model Code/Description

**ALL MODELS**

### Climate Control System

Air conditioning (std opt man auto)

Standard, Manual Temperature Control

|                                           |                       |                                    |
|-------------------------------------------|-----------------------|------------------------------------|
| Condenser                                 | Type                  | Tube and Fin                       |
|                                           | Eff face area (sq mm) | 283,870 (440)                      |
|                                           | Fins per inch         | 22                                 |
| Evaporator                                | Type                  | Plate and Fin                      |
|                                           | Eff face area (sq mm) | 46,452                             |
|                                           | Fins per inch         | 14                                 |
| Heater core                               | Material              | Aluminum                           |
|                                           | Eff face area (sq mm) | 28,390                             |
|                                           | Fins per inch         | 26                                 |
| Compressor                                | Type                  | Swashplate                         |
|                                           | Displacement (cc)     | 170                                |
|                                           | Manufacturer          | Ford                               |
|                                           | A/C pulley ratio      | 1 47 1 with 3 8L, 1 44 1 with 4 6L |
| Accumulator                               | Type                  | Domed                              |
|                                           | Height (mm)           | 213                                |
|                                           | Diameter (mm)         | 89                                 |
| Receiver                                  | Type                  | N / A                              |
|                                           | Height (mm)           | —                                  |
|                                           | Diameter (mm)         | —                                  |
| Refrigerant control (CCOT TVS etc)        |                       | CCOT                               |
| Heater water valve (yes/no)               |                       | No                                 |
| Refrigerant (R - 12 R 134a etc)           |                       | R-134a                             |
| Charge level (lbs oz)                     |                       | 2 lbs -2 oz                        |
| Cold engine lockout switch (yes/no)       |                       | No                                 |
| Wide open throttle cutout switch (yes/no) |                       | Yes                                |

# Specifications

Vehicle Line MUSTANG

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## METRIC

Model Code/Description

ALL MODELS

### Convenience Equipment (standard, optional, n a )

|                          |                                                                           |                                                                                                                                           |
|--------------------------|---------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
|                          | Clock (digital analog)                                                    | Standard, Digital in Radio                                                                                                                |
|                          | Compass / thermometer                                                     | N / A                                                                                                                                     |
|                          | Console (floor, overhead)                                                 | Standard, Floor                                                                                                                           |
|                          | Defroster electric windshield                                             | N / A                                                                                                                                     |
|                          | Defroster electric backlight                                              | Standard                                                                                                                                  |
| Electronic               | Diagnostic monitor (integrated individual)                                | N / A                                                                                                                                     |
|                          | Instrument cluster (list instruments)                                     | N / A                                                                                                                                     |
|                          | Keyless entry                                                             | Standard, Remote Lock Unlock, Panic, and Trunk                                                                                            |
|                          | Tripmeter (avg spd fuel)                                                  | N / A                                                                                                                                     |
|                          | Voice alert (list items)                                                  | N / A                                                                                                                                     |
|                          | Other                                                                     |                                                                                                                                           |
|                          | VF Odometer                                                               | Standard                                                                                                                                  |
|                          | Fuel door lock (remote key electric)                                      | N / A                                                                                                                                     |
| Integrated Child Seating | Std / opt & location in vehicle                                           | Standard, (LATCH) Accessible Lower Anchors and Top Tether Attachments on Package Tray for Coupe (Seat Back for Convertible) for Rear Seat |
|                          | Number of occupants                                                       | —                                                                                                                                         |
|                          | Occupant weight/height (min & max )                                       | —                                                                                                                                         |
|                          | Restraint system description (3 or 5 point belts/booster seat capability) | —                                                                                                                                         |
| Lamps                    | Auto head on/off delay dimming                                            | N / A                                                                                                                                     |
|                          | Coming                                                                    | N / A                                                                                                                                     |
|                          | Courtesy (map reading)                                                    | Standard Combination Dome/Map Light (Integral with Interior Mirror – Convertible)                                                         |
|                          | Door lock ignition                                                        | N / A                                                                                                                                     |
|                          | Engine compartment                                                        | N / A                                                                                                                                     |
|                          | Fog                                                                       | Standard on GT/Mach 1 Models Not Available on V-6 Models                                                                                  |
|                          | Glove compartment                                                         | N / A                                                                                                                                     |
|                          | Trunk                                                                     | Standard                                                                                                                                  |
|                          | Illuminated entry system (list lamps activation)                          | N / A                                                                                                                                     |
| Mirrors                  | Other                                                                     |                                                                                                                                           |
|                          | Day / night (auto man )                                                   | Standard Manual (Integral with Map Light on Convertible)                                                                                  |
|                          | LH (remote power heated)                                                  | Standard, Power Remote                                                                                                                    |
|                          | RH (convex remote power heated)                                           | Standard Convex, Power Remote                                                                                                             |
|                          | Visor vanity (RH/LH illuminated)                                          | Standard with Convertible, RH/LH Illuminated                                                                                              |
|                          | Navigation system (describe)                                              | N / A                                                                                                                                     |
|                          | Parking brake auto release (warning light)                                | N / A                                                                                                                                     |

# Specifications

Vehicle Line MUSTANG

Model Year 2003

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## METRIC

Model Code/Description

ALL MODELS

### Convenience Equipment (standard, optional, n/a)

|                             |                                               |                                                       |                                                                                                                                             |
|-----------------------------|-----------------------------------------------|-------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Power equipment             | Deck lid (release pull down)                  |                                                       | Standard Power Push Button Release                                                                                                          |
|                             | Door locks (manual automatic describe system) |                                                       | Standard Power                                                                                                                              |
|                             | Seats                                         | 6 way etc                                             | Standard on All Models Except Standard 6-Way Driver's Seat                                                                                  |
|                             |                                               | Reclining (R H L H )                                  | N / A                                                                                                                                       |
|                             |                                               | Memory (R H L H preset recline)                       | N / A                                                                                                                                       |
|                             |                                               | Support (lumbar)                                      | N / A                                                                                                                                       |
|                             |                                               | Heated (R H L H , other)                              | N / A                                                                                                                                       |
|                             | Side windows                                  |                                                       | Standard Power                                                                                                                              |
|                             | Vent windows                                  |                                                       | N / A                                                                                                                                       |
|                             | Rear windows                                  |                                                       |                                                                                                                                             |
|                             |                                               |                                                       |                                                                                                                                             |
| Radio systems               | Antenna (location whip w/shield power)        |                                                       | Standard Whip – Right Front Fender                                                                                                          |
|                             | Standard                                      |                                                       | • Electronic AM/FM Stereo with Cassette, Single Disc CD Integrated Clock and Premium Sound (80 Watts) on Standard and Deluxe Models (a)     |
|                             |                                               |                                                       | • MACH 460 Electronic AM/FM Stereo w/In-Dash 6-CD Changer on Premium Models                                                                 |
|                             | Optional                                      | AM FM stereo tape compact disc radio prep package etc | • AM/FM Stereo CD/MP3 w/Clock Optional on Standard and Deluxe Models                                                                        |
|                             |                                               |                                                       | • MACH 460 Electronic AM/FM Stereo w/In-Dash 6-CD Changer Optional on Deluxe Models                                                         |
|                             |                                               |                                                       | • MACH 1000 Audio System Optional on Premium Except Mach 1 Models                                                                           |
|                             | Speaker (number location)                     |                                                       | Std – Four 5 5" x 7 5" Located in Each Side Door and Package Tray for Coupe (One in Each Inner Qtr Panel for Convertible) Std Prem Speakers |
|                             | Roof open air or fixed (flip up sliding "T")  |                                                       | N / A                                                                                                                                       |
|                             | Speed control device                          |                                                       | Standard on All Models Except Standard                                                                                                      |
|                             | Speed warning device (light buzzer etc )      |                                                       | N / A                                                                                                                                       |
| Tachometer (rpm)            |                                               | 7000 on 3.8L, 8000 on GT/Mach 1                       |                                                                                                                                             |
| Telephone system (describe) |                                               | N / A                                                 |                                                                                                                                             |
| Theft deterrent system      |                                               | Standard SecurLock (PATS) All Models                  |                                                                                                                                             |
|                             |                                               | (a) Inc Premium Quality Speakers                      |                                                                                                                                             |

### Trailer Towing

|                               |         |            |
|-------------------------------|---------|------------|
| Towing capable                | Yes/No  | Yes        |
| Engine/transmission/axle      | Std/Opt | Standard   |
| Tow class (I II III)*         | Std/Opt | Class I    |
| Max gross trailer wgt (lbs)   | Std/Opt | 1000 / N/A |
| Max trailer tongue load (lbs) | Std/Opt | 100 / N/A  |
| Towing package available      | Yes/No  | No         |

\* Class I - 2 000 lbs

Class II - 3 500 lbs

Class III - 5 000 lbs

# Specifications

## METRIC (U.S. Customary)

Vehicle Line **MUSTANG**

Model Year **2003**

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Revised (\*)

### Vehicle Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions" unless otherwise specified.

#### Model Code/Description

SAE  
Ref  
No

#### COUPE (ALL MODELS)

#### CONVERTIBLE (ALL MODELS)

#### Width

|                                  |      |                               |                               |
|----------------------------------|------|-------------------------------|-------------------------------|
| Tread (front)                    | W101 | 1530 (60 2), 1518 (59 8) w/GT | 1530 (60 2), 1518 (59 8) w/GT |
| Tread (rear)                     | W102 | 1539 (60 6), 1507 (59 3) w/GT | 1539 (60 6), 1507 (59 3) w/GT |
| Vehicle width                    | W103 | 1857 (73 1)                   |                               |
| Body width at Sg RP (front)      | W117 | 1758 (69 2)                   |                               |
| Vehicle width (front doors open) | W120 |                               |                               |
| Vehicle width (rear doors open)  | W121 |                               |                               |
| Tumble home (degrees)            | W122 | 26 2°                         | 26 3°                         |
| Outside mirror width             | W410 | 1963 (77 3)                   |                               |

#### Length

|                               |      |              |             |
|-------------------------------|------|--------------|-------------|
| Wheelbase                     | L101 | 2572 (101 3) |             |
| Vehicle length                | L103 | 4653 (183 2) |             |
| Overhang (front)              | L104 | 1035 (40 7)  |             |
| Overhang (rear)               | L105 | 1046 (41 2)  |             |
| Upper structure length        | L123 | 2531 (99 6)  | 2466 (97 1) |
| Rear wheel C/L "X" coordinate | L127 | 4196 (165 2) |             |

#### Height\*

|                                     |         |                               |                              |
|-------------------------------------|---------|-------------------------------|------------------------------|
| Passenger distribution (front/rear) | PD1 2 3 | 2 / 2                         |                              |
| Trunk/cargo load                    |         | 0                             |                              |
| Vehicle height                      | H101    | 1348 (53 1)                   | 1352 (53 2)                  |
| Cowl point to ground                | H114    | 949 (37 4), 948 (37 3) w/GT   | 948 (37 3) 947 (37 3) w/GT   |
| Deck point to ground                | H138    | 1005 (39 6), 1004 (39 5) w/GT | 1016 (40 0) 1015 (39 9) w/GT |
| Rocker panel-front to ground        | H115    | 175 (6 9)                     |                              |
| Rocker panel rear to ground         | H116    | 176 (7 0)                     | 175 (6 9)                    |
| Windshield slope angle (degrees)    | H122    | 63 7°                         |                              |
| Backlight slope angle (degrees)     | H121    | 66 3°                         | 62 5°                        |

#### Ground Clearance\*

|                                          |      |                             |                              |
|------------------------------------------|------|-----------------------------|------------------------------|
| Front bumper to ground                   | H102 | 251 (9 8), 249 (9 8) w/GT   | 250 (9 8), 249 (9 8) w/GT    |
| Rear bumper to ground                    | H104 | 302 (11 9)                  | 303 (11 9), 302 (11 9) w/GT  |
| Bumper to ground front at curb mass (wt) | H103 | 264 (10 4)                  | 261 (10 3)                   |
| Bumper to ground rear at curb mass (wt)  | H105 | 345 (13 6)                  | 345 (13 6)                   |
| Angle of approach (degrees)              | H106 | 15 6°, 15 5° w/GT           | 15 5°, 15 4° w/GT            |
| Angle of departure (degrees)             | H107 | 14 7°                       | 16 8°, 14 6° w/GT            |
| Ramp breakover angle (degrees)           | H147 |                             |                              |
| Axle differential to ground (front/rear) | H153 | 43 3 (1 7)                  | 39 3 (1 5)                   |
| Min. running ground clearance            | H156 | 108 0 (4 3), 116 (4 6) w/GT | 91 0 (3 6), 101 0 (4 0) w/GT |
| Location of min. run. grd. clear         |      | LH Underbody Catalyst       | X-Brace                      |

\* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight. Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load unless otherwise specified. All linear dimensions are in millimeters (inches) unless otherwise noted.

# Specifications

Vehicle Line MUSTANG

Model Year 2003

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## METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

### Model Code/Description

### COUPE (ALL MODELS)

### CONVERTIBLE (ALL MODELS)

| Front Compartment                      | SAE Ref No |                               |                               |
|----------------------------------------|------------|-------------------------------|-------------------------------|
| SgRP front "X" coordinate              | L31        | 3050 (41 3)                   |                               |
| Effective head room                    | H61        | 968 (38 1)                    | 966 0 (38 0)                  |
| Max eff leg room (accelerator)         | L34        | 1081 (42 6) (a)               |                               |
| SgRP to heel point                     | H30        | 221 (8 7)                     |                               |
| SgRP to heel point                     | L53        | 887 (34 9)                    |                               |
| Back angle (degrees)                   | L40        | 24°                           |                               |
| Hip angle (degrees)                    | L42        | 95 7°                         |                               |
| Knee angle (degrees)                   | L44        | 129 2°                        |                               |
| Foot angle (degrees)                   | L46        | 87°                           |                               |
| Design H-point front travel            | L17        | 206 (8 1)                     |                               |
| Normal driving & nding seat track trvl | TL23       | 177 (7 0)                     |                               |
| Shoulder room                          | W3         | 1362 (53 6)                   |                               |
| Hip room                               | W5         | 1329 (52 3)                   | 1329 (52 3)                   |
| Upper body opening to ground           | H50        | 1201 (47 3), 1200 (47 2) w/GT | 1203 (47 4), 1202 (47 3) w/GT |
| Steering wheel maximum diameter*       | W9         | 380 (15 0)                    |                               |
| Steering wheel angle (degrees)         | H18        | 21°                           |                               |
| Accel heel pt to steer whl cntr        | L11        | 538 (21 2)                    |                               |
| Accel heel pt to steer whl cntr        | H17        | 606 (23 9)                    |                               |
| Depressed floor covering thickness     | H68        | 20 (0 8)                      |                               |

### Rear Compartment

|                                    |     |             |             |
|------------------------------------|-----|-------------|-------------|
| SgRP point couple distance         | L50 | 684 (26 9)  |             |
| Effective head room                | H63 | 901 (35 5)  | 909 (35 8)  |
| Min effective leg room             | L51 | 758 (29 9)  |             |
| SgRP (second to heel)              | H31 | 276 (10 9)  |             |
| Knee clearance                     | L48 | -64 (-2 5)  |             |
| Shoulder room                      | W4  | 1324 (52 1) | 1051 (41 4) |
| Hip room                           | W6  | 1203 (47 4) | 1040 (41 0) |
| Upper body opening to ground       | H51 |             |             |
| Back angle (degrees)               | L41 | 24°         | 22°         |
| Hip angle (degrees)                | L43 | 76 4°       | 74 4°       |
| Knee angle (degrees)               | L45 | 66 9°       |             |
| Foot angle (degrees)               | L47 | 110 1°      |             |
| Depressed floor covering thickness | H73 | 20 (0 8)    |             |

### Luggage Compartment

|                                   |      |                             |             |
|-----------------------------------|------|-----------------------------|-------------|
| Usable luggage capacity L (cu ft) | V1   | 308 (10 9)                  | 219 2 (7 7) |
| Liftover height                   | H195 | 716 (28 2), 715 (28 1) w/GT | 715 (28 1)  |

### Interior Volumes (EPA Classification)

|                                                       |            |  |       |
|-------------------------------------------------------|------------|--|-------|
| Vehicle class                                         | Subcompact |  |       |
| Interior volume index including trunk/cargo (cu ft)** | 93 9       |  | N / A |
| Trunk/cargo index (cu ft)                             | 10 9       |  | 7 7   |

\* See page 14

\*\* See definition page 33

All linear dimensions are in millimeters (inches) unless otherwise noted

(a) 1064 (41 9) with manual transmission which includes "Heel-to-Toe" performance feature on GT models

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003** Issued **01/03** Revised (\*)

## METRIC (U.S. Customary)

Vehicle Dimensions See Key Sheets for definitions

### Model Code/Description

SAE  
Ref  
No

**ALL MODELS**

(NOT APPLICABLE)

### Station Wagon/MPV\*

#### - Third Seat

|                       |     |
|-----------------------|-----|
| Seat facing direction | SD1 |
| SgRP couple distance  | L85 |
| Shoulder room         | W85 |
| Hip room              | W86 |
| Effective leg room    | L86 |
| Effective head room   | H86 |
| SgRP to heel point    | H87 |
| Knee clearance        | L87 |
| Back angle (degrees)  | L88 |
| Hip angle (degrees)   | L89 |
| Knee angle (degrees)  | L90 |
| Foot angle (degrees)  | L91 |

### Station Wagon/MPV\* - Cargo Space (NOT APPLICABLE)

|                                                             |      |
|-------------------------------------------------------------|------|
| Cargo length (open front)                                   | L200 |
| Cargo length (open second)                                  | L201 |
| Cargo length (closed front)                                 | L202 |
| Cargo length (closed second)                                | L203 |
| Cargo length at belt (front)                                | L204 |
| Cargo length at belt (second)                               | L205 |
| Cargo width (wheelhouse)                                    | W201 |
| Rear opening width at floor                                 | W203 |
| Opening width at belt                                       | W204 |
| Min rear opening width above belt                           | W205 |
| Cargo height                                                | H201 |
| Rear opening height                                         | H202 |
| Tailgate to ground height                                   | H250 |
| Front seatback to load floor height                         | H197 |
| Cargo volume index m <sup>3</sup> (ft <sup>3</sup> )        | V2   |
| Hidden cargo volume index m <sup>3</sup> (ft <sup>3</sup> ) | V4   |
| Cargo volume index rear of 2 seat                           | V10  |
| Cargo volume index*                                         | V6   |
| Cargo width at floor*                                       | W500 |
| Maximum cargo height*                                       | H505 |

### Hatchback - Cargo Space

(NOT APPLICABLE)

|                                                             |      |
|-------------------------------------------------------------|------|
| Cargo length at front seatback height                       | L208 |
| Cargo length at floor (front)                               | L209 |
| Cargo length at second seatback height                      | L210 |
| Cargo length at floor (second)                              | L211 |
| Front seatback to load floor height                         | H197 |
| Second seatback to load floor height                        | H198 |
| Cargo volume index m <sup>3</sup> (ft <sup>3</sup> )        | V3   |
| Hidden cargo volume index m <sup>3</sup> (ft <sup>3</sup> ) | V4   |
| Cargo volume index rear of 2 seat                           | V11  |

All linear dimensions are in millimeters (inches) unless otherwise noted

\* MPV - Multipurpose Vehicle

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC

Model Code/  
Description

ALL MODELS

## Vehicle Fiducial Marks

Fiducial Mark  
Number

Define Coordinate Location

Front(1)      The rear vertical edge of the master control notch on the underside of the front door rocker panels locates the "X" coordinate relative to body grd and is located at the 2315 (91 1) line  
(Front Location)  
X = 2315 (91 1)  
Y = 823 (32 4)  
Z = 437 (17 2)

Front(2)

Rear(1)      (Rear Location)  
X = 3720 (146 5)  
Y = 837 (32 9)  
Z = 438 (17 2)

Rear(2)

Note Provide  
3 of 4  
Fiducial Mark  
Locations

The intersection of the horizontal-vertical surfaces on the rocker panel door rabbet locates the "Y" and "Z" coordinates relative to body grd at particular fore-aft inch lines. The fore-aft location can be determined by the reference dimension from Fiducial Mark 1 and 2.

|       |        |             |
|-------|--------|-------------|
| Front | W21**  | 823 (32 4)  |
|       | L54**  | 2315 (91 1) |
|       | H81**  | 437 (17 2)  |
|       | H161** | —           |
|       | H163** | —           |

|      |        |              |
|------|--------|--------------|
| Rear | W22**  | 837 (32 9)   |
|      | L55**  | 3720 (146 5) |
|      | H82**  | 438 (17 2)   |
|      | H162** | —            |
|      | H164** | —            |

\* Reference - SAE Recommended Practice J182a - Motor Vehicle Fiducial Marks  
\*\* Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions  
All linear dimensions are in millimeters (inches) unless otherwise noted

# Specifications

Vehicle Line **MUSTANG**

Model Year **2003** Issued **01/03** Revised (+)

## METRIC (U.S. Customary)

| METRIC (U.S. Customary)                      |       | Vehicle Mass (weight) |        |        |                               | % PASS MASS DISTRIBUTION |               |      |              |      |
|----------------------------------------------|-------|-----------------------|--------|--------|-------------------------------|--------------------------|---------------|------|--------------|------|
| Code                                         | Model | CURB MASS kg (lb) *   |        |        | SHIPPING<br>MASS<br>kg(lb)*** | ETWC**<br>Code           | Pass in Front |      | Pass in Rear |      |
|                                              |       | Front                 | Rear   | Total  |                               |                          | Front         | Rear | Front        | Rear |
| 3 8L Engine – 100A/110A/120A/<br>150A/160A   |       |                       |        |        |                               |                          |               |      |              |      |
| 5-Speed Manual Trans – Standard              |       |                       |        |        |                               |                          |               |      |              |      |
| 100A/110A/120A                               | P40   | 794                   | 599    | 1393   | 1336                          | T                        | 45            | 55   | 19           | 81   |
| Mustang Model                                |       | (1750)                | (1320) | (3070) | (2945)                        |                          |               |      |              |      |
| 2-Door Coupe                                 |       |                       |        |        |                               |                          |               |      |              |      |
| 150A/160A P44                                |       |                       |        |        |                               |                          |               |      |              |      |
| Mustang Model                                |       | (1805)                | (1421) | (3226) | (3101)                        |                          |               |      |              |      |
| 2-Door Convertible                           |       |                       |        |        |                               |                          |               |      |              |      |
| 3 8L Engine – 100A/110A/120A/<br>150A/160A   |       |                       |        |        |                               |                          |               |      |              |      |
| 4-Speed Auto Trans – Optional 44U            |       |                       |        |        |                               |                          |               |      |              |      |
| 100A/110A/120A                               | P40   | 812                   | 614    | 1426   | 1369                          | U                        | 45            | 55   | 19           | 81   |
| Mustang Model                                |       | (1791)                | (1354) | (3145) | (3020)                        |                          |               |      |              |      |
| 2-Door Coupe                                 |       |                       |        |        |                               |                          |               |      |              |      |
| 150A/160A P44                                |       |                       |        |        |                               |                          |               |      |              |      |
| Mustang Model                                |       | (1842)                | (1448) | (3290) | (3165)                        |                          |               |      |              |      |
| 2-Door Convertible                           |       |                       |        |        |                               |                          |               |      |              |      |
| 4 6L (SOHC) Engine – 130A/140A/<br>170A/180A |       |                       |        |        |                               |                          |               |      |              |      |
| 5-Speed Manual Trans – Standard              |       |                       |        |        |                               |                          |               |      |              |      |
| 130A/140A                                    | P42   | 843                   | 662    | 1505   | 1447                          | V                        | 45            | 55   | 19           | 81   |
| Mustang GT Model                             |       | (1858)                | (1459) | (3317) | (3189)                        |                          |               |      |              |      |
| 2-Door Coupe                                 |       |                       |        |        |                               |                          |               |      |              |      |
| 170A/180A P45                                |       |                       |        |        |                               |                          |               |      |              |      |
| Mustang GT Model                             |       | (1898)                | (1553) | (3451) | (3323)                        |                          |               |      |              |      |
| 2-Door Convertible                           |       |                       |        |        |                               |                          |               |      |              |      |

\* Reference – SAE J1100 Motor vehicle dimensions curb weight definition

\*\* ETWC – Equivalent Test Weight Class – basis for U.S. Environmental Protection Agency emission certifications  
Refer to ETWC code legend below for test weight class

### ETWC LEGEND

|          |          |          |           |
|----------|----------|----------|-----------|
| A = 1000 | I = 2000 | Q = 3000 | Y = 4000  |
| B = 1125 | J = 2125 | R = 3125 | Z = 4250  |
| C = 1250 | K = 2250 | S = 3250 | AA = 4500 |
| D = 1375 | L = 2375 | T = 3375 | BB = 4750 |
| E = 1500 | M = 2500 | U = 3500 | CC = 5000 |
| F = 1625 | N = 2625 | V = 3625 | DD = 5250 |
| G = 1750 | O = 2750 | W = 3750 | EE = 5500 |
| H = 1875 | P = 2875 | X = 3875 | FF = 5750 |

\*\*\*Shipping Mass (weight) = Curb Weight Less

57 (125) w/3 8L Engine

58 (128) w/4 6L (SOHC) Engine

# Specifications

Vehicle Line MUSTANG

Model Year 2003

Issued 01/03

Revised (\*)

## METRIC (U.S. Customary)

| METRIC (U.S. Customary)                  |       | Vehicle Mass (weight) |        |        |                         | % PASS MASS DISTRIBUTION |               |      |              |      |
|------------------------------------------|-------|-----------------------|--------|--------|-------------------------|--------------------------|---------------|------|--------------|------|
| Code                                     | Model | CURB MASS kg (lb) *   |        |        | SHIPPING MASS kg(lb)*** | ETWC** Code              | Pass in Front |      | Pass in Rear |      |
|                                          |       | Front                 | Rear   | Total  |                         |                          | Front         | Rear | Front        | Rear |
| 4 6L (SOHC) Engine – 130A/140A/170A/180A |       |                       |        |        |                         |                          |               |      |              |      |
| 4-Spd Auto Trans – Optional 44U          |       |                       |        |        |                         |                          |               |      |              |      |
| 130A/140A                                | P42   | 835                   | 684    | 1519   | 1461                    | V                        | 45            | 55   | 19           | 81   |
| Mustang GT Model                         |       | (1840)                | (1507) | (3347) | (3219)                  |                          |               |      |              |      |
| 2-Door Coupe                             |       |                       |        |        |                         |                          |               |      |              |      |
| 4 6L (DOHC) Engine – 145A                |       |                       |        |        |                         |                          |               |      |              |      |
| 5-Speed Manual Trans – Std               |       |                       |        |        |                         |                          |               |      |              |      |
| 145A                                     | P42   | 892                   | 680    | 1572   | 1514                    | W                        | 45            | 55   | 19           | 81   |
| Mustang Mach 1 Model                     |       | (1966)                | (1499) | (3465) | (3337)                  |                          |               |      |              |      |
| 2-Door Coupe                             |       |                       |        |        |                         |                          |               |      |              |      |
| 4 6L (DOHC) Engine – 145A                |       |                       |        |        |                         |                          |               |      |              |      |
| 4-Speed Auto Trans – Optional 44U        |       |                       |        |        |                         |                          |               |      |              |      |
| 145A                                     | P42   | 894                   | 683    | 1577   | 1519                    | W                        | 45            | 55   | 19           | 81   |
| Mustang Mach 1 Model                     |       | (1970)                | (1505) | (3475) | (3347)                  |                          |               |      |              |      |
| 2-Door Coupe                             |       |                       |        |        |                         |                          |               |      |              |      |
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\* Reference - SAE J1100 Motor vehicle dimensions curb weight definition

\*\* ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications  
Refer to ETWC code legend below for test weight class

### ETWC LEGEND

|          |          |          |           |
|----------|----------|----------|-----------|
| A = 1000 | I = 2000 | Q = 3000 | Y = 4000  |
| B = 1125 | J = 2125 | R = 3125 | Z = 4250  |
| C = 1250 | K = 2250 | S = 3250 | AA = 4500 |
| D = 1375 | L = 2375 | T = 3375 | BB = 4750 |
| E = 1500 | M = 2500 | U = 3500 | CC = 5000 |
| F = 1625 | N = 2625 | V = 3625 | DD = 5250 |
| G = 1750 | O = 2750 | W = 3750 | EE = 5500 |
| H = 1875 | P = 2875 | X = 3875 | FF = 5750 |

\*\*\*Shipping Mass (weight) = Curb Weight Less

58 (128) w/4 6L (SOHC) Engine

58 (128) w/4 6L (DOHC) Engine

## Specifications

Vehicle Line MUSTANG

|            |      |        |       |             |
|------------|------|--------|-------|-------------|
| Model Year | 2003 | Issued | 01/03 | Revised (*) |
|------------|------|--------|-------|-------------|

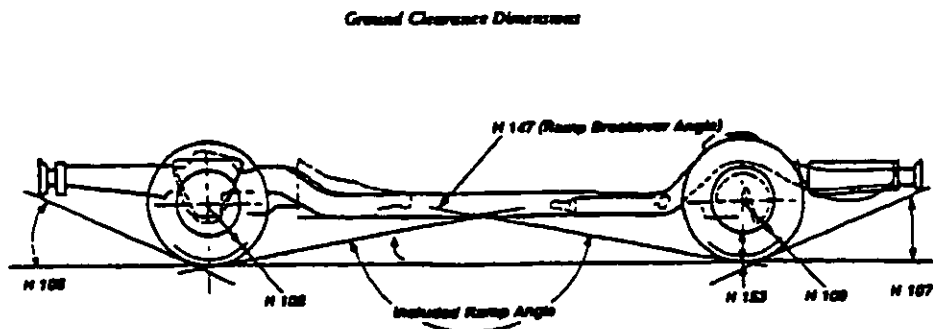
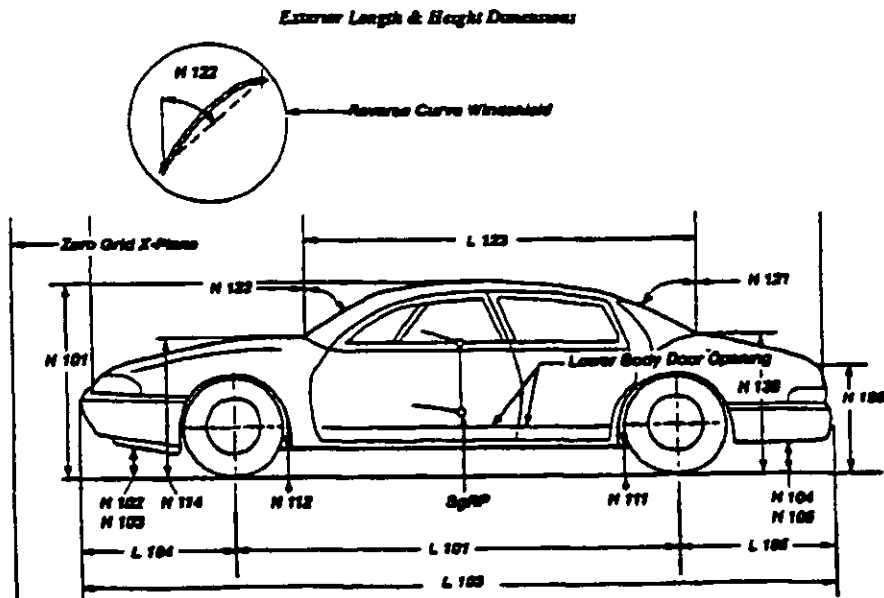
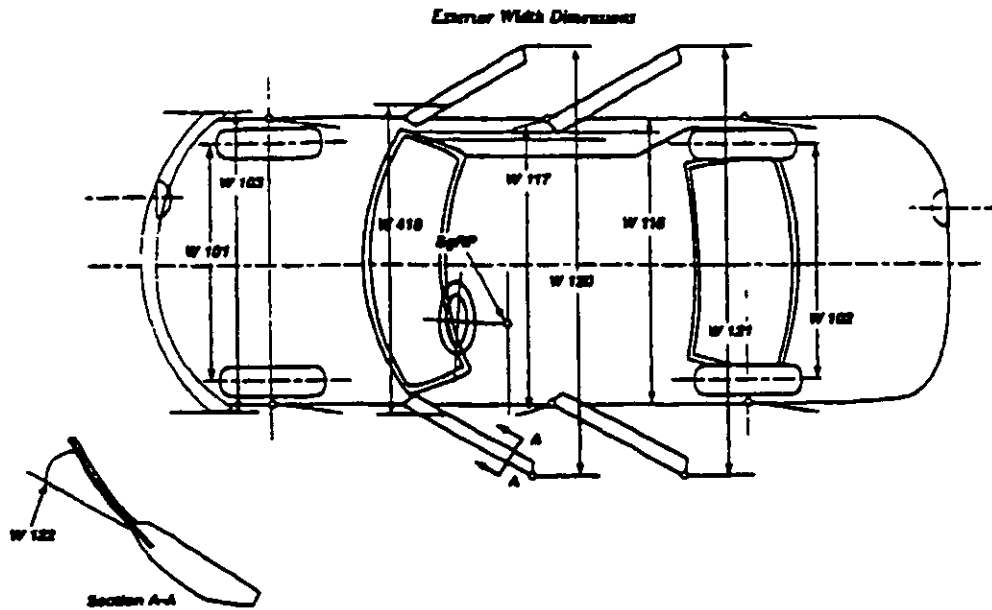
**METRIC (U.S. Customary)****Optional Equipment Differential Mass (weight)\***[illegible]

\* Also see Engine General Section for dressed engine mass (weight)

# Specifications

## METRIC (U.S. Customary)

### Exterior Vehicle And Body Dimensions - Key Sheet

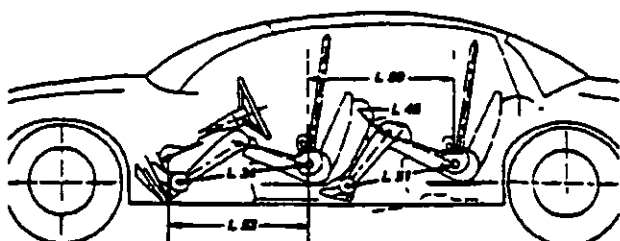


# Specifications

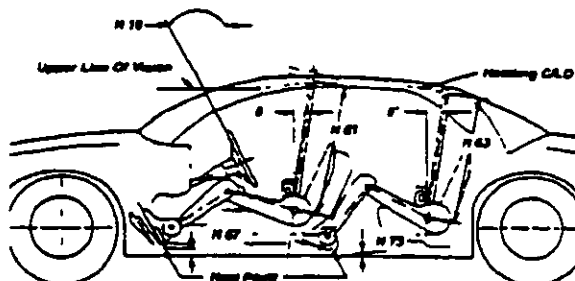
## METRIC (U.S. Customary)

### For Vehicle And Body Dimensions - Key Sheet

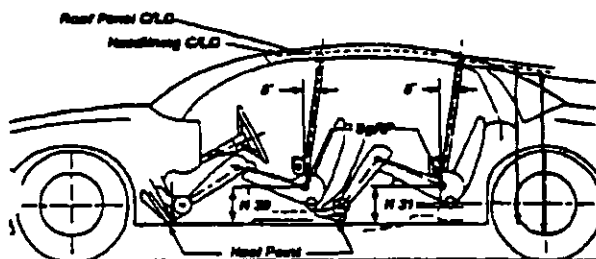
Interior Length Dimensions



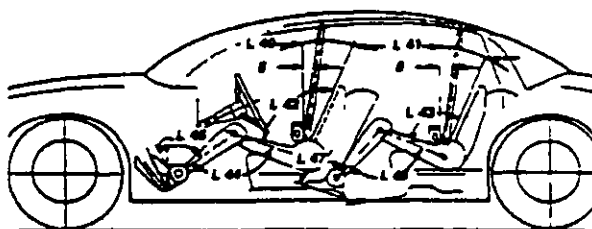
Interior Height Dimensions



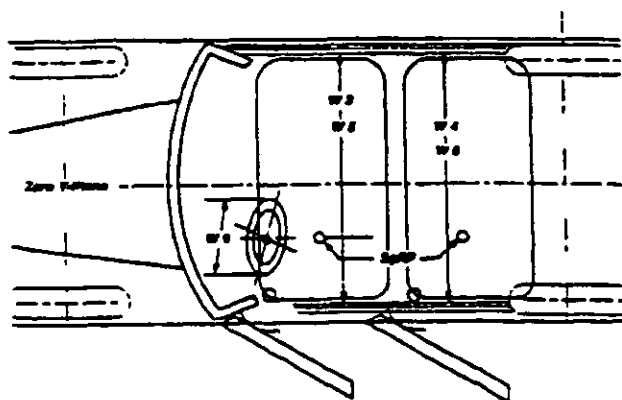
Interior Height Dimensions



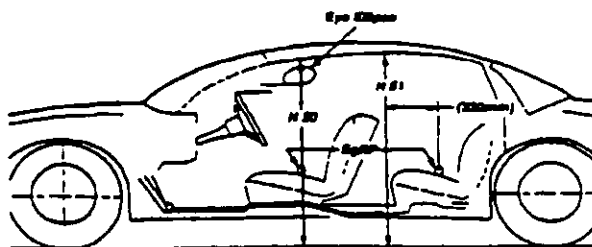
Interior Length Dimensions



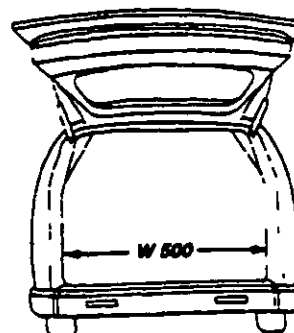
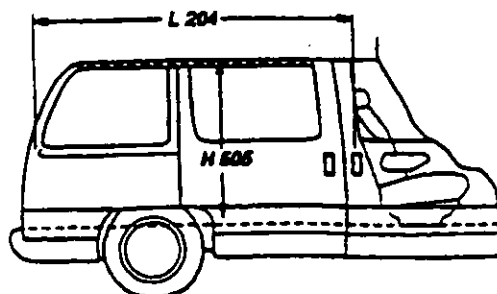
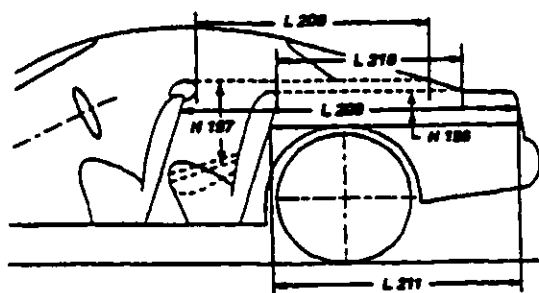
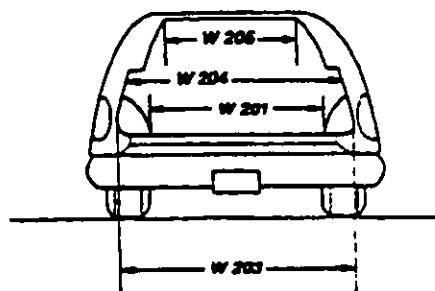
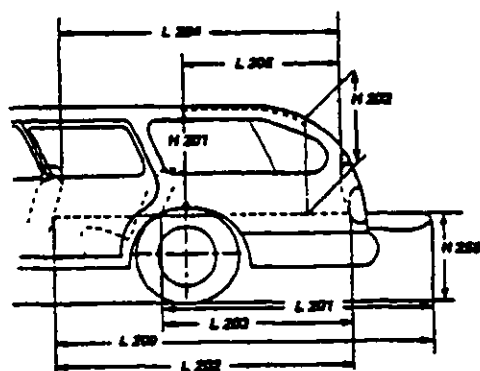
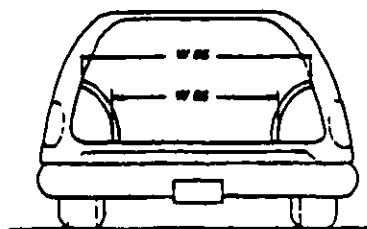
Interior Width Dimensions



Interior Height Dimensions



## Interior Vehicle And Body Dimensions - Key Sheet



# Specifications

## METRIC (U. S. Customary)

### LA for Vehicle And Body Dimensions - Key Sheet

#### Dimensions Definitions

##### Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which -

- (a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle,
- (b) Has coordinates established relative to the design vehicle structure,
- (c) Simulates the position of the pivot center of the human torso and thigh, and
- (d) is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations."

##### Width Dimensions

- W101 TREAD-FRONT The dimension measured between the tire centerlines at the ground
- W102 TREAD-REAR The dimension measured between the tire centerlines at the ground. In case of dual wheels the dimension will be measured to the centerline of tire and wheel assemblies
- W103 VEHICLE WIDTH The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment
- W117 BODY WIDTH AT SGRP-FRONT The dimension measured laterally between the widest points on the body at the SGRP-front, excluding door handles, applied moldings, or appliques
- W120 VEHICLE WIDTH-FRONT DOORS OPEN The dimension measured between the widest point on the rear doors in maximum hold-open position  
VEHICLE WIDTH-REAR DOORS OPEN The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane
- W122 TUMBLE-HOME STRAIGHT SIDE GLASS The angle measured from a vertical to the outside surface of the front door glass at the SGRP "X" plane  
CURVED SIDE GLASS The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SGRP "X" plane
- W410 OUTSIDE MIRROR WIDTH The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane

##### Length Dimensions

- 101 WHEELBASE (WB) The dimension measured longitudinally between front and rear wheel centerline. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels
- 103 VEHICLE LENGTH The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment
- 104 OVERHANG-FRONT The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hook and/or rub strips, if standard equipment
- 105 OVERHANG-REAR The dimension measured longitudinally from the centerline of the rear wheels, or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels to the rearmost point on the vehicle including rear bumpers, bumper guards tow hooks and rub strips if standard equipment
- 123 UPPER STRUCTURE LENGTH The dimension measured longitudinally from the cowl point to the deck point

- L127 REAR WHEEL CENTERLINE "x" COORDINATE or in the case of dual rear axles the coordinate shall be the midpoint of the distance between the rear axle centerlines

##### Height Dimensions

- H101 VEHICLE HEIGHT The dimension measured vertically from the highest point on the vehicle body to ground
- H111 ROCKER PANEL-REAR TO GROUND The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground
- H112 ROCKER PANEL-FRONT TO GROUND The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges to ground
- H114 COWL POINT TO GROUND Measured at zero "Y" plane
- H121 BACKLIGHT SLOPE ANGLE The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO
- H122 WINDSHIELD SLOPE ANGLE The angle between the vertical reference line and a chord of the windshield arc running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass the angle to be measured will be formed by a chord 457 mm (18 0 in.) long drawn from the lower DLO to the intersecting point on the windshield
- H138 DECK POINT TO GROUND Measured at zero "Y" plane
- H109 STATICLOAD-TIRE RADIUS-REAR Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD

##### Ground Clearance Dimensions

- H102 FRONT BUMPER TO GROUND The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards if standard equipment
- H103 FRONT BUMPERTOGROUND-CURBMASS(WT) Measured in the same manner as H102
- H104 REAR BUMPER TO GROUND The minimum dimension measured vertically from the lowest point on the rear bumper to ground including bumper guards, if standard equipment
- H105 REAR BUMPER TO GROUND-CURB MASS(WT) Measured in the same manner as H104
- H106 ANGLE OF APPROACH The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated
- H107 ANGLE OF DEPARTURE The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting structural component shall be designated
- H147 RAMP BREAKOVER ANGLE The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll
- H153 REAR AXLE DIFFERENTIAL TO GROUND The minimum dimension measured from the rear axle differential to ground
- H156 MINIMUM RUNNING GROUND CLEARANCE The minimum dimension measured from the sprung vehicle to ground. Specify location

# Specifications

METRIC (U. S. Customary)

## Interior Vehicle And Body Dimensions - Key Sheet

### Dimensions Definitions

#### Glass Areas

- S1 Windshield area
- S2 Side windows area Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle
- S3 Backlight areas
- S4 Total area Total of all areas (S1 + S2 + S3)

#### Fiducial Mark Dimensions

- Fiducial Mark - Number 1
- L54 "X" coordinate
- W21 "Y" coordinate
- H81 "Z" coordinate
- H161 Height "Z" coordinate to ground at curb weight
- H163 Height "Z" coordinate to ground
- Fiducial Mark - Number 2
- L55 "X" coordinate
- W22 "Y" coordinate
- H82 "Z" coordinate
- H162 Height "Z" coordinate to ground at curb weight
- H164 Height "Z" coordinate to ground

#### Front Compartment Dimensions

- L11 ACCELERATOR WHEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim
- L17 DESIGN-H-POINT-FRONT TRAVEL The dimension measured horizontally between the design H-point-front in the foremost and rearmost seat track positions (See SAE J1100)
- L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions (See SAE J1100)
- L31 SgRP-Front, "X" Coordinated
- L34 MAXIMUM EFFECTIVE LEG ROOM-ACCELERATOR The dimension measured along a line from the ankle pivot center to the SgRP-front plus 254 mm (10 0 in) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in, the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- L40 BACK ANGLE-FRONT The angle measured between a vertical line through the SgRP-front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L42 HIP ANGLE-FRONT The angle measured between torso line and thigh centerline.
- L44 KNEE ANGLE-FRONT The angle measured between thigh centerline and lower leg centerline measured on the right leg.
- L46 FOOT ANGLE-FRONT The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826
- L53 SgRP-FRONT TO HEEL The dimension measured horizontally from the SgRP-front to the accelerator heel point.
- W3 SHOULDER ROOM-FRONT The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP-front at height between the belt line and 254 mm (10 0 in) above the SgRP-front, excluding the door assist strap and attaching parts.

- W5 HIP ROOM-FRONT The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP-front within 25 mm (1 0 in) below and 76 mm (3 0 in) above the SgRP-front and 76 mm (3 0 in) fore and aft of the SgRP front.
- W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER Define if other than round.
- H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER The dimension measured vertically from the AHP-front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.
- H18 STEERING WHEEL ANGLE The angle measured from a vertical to the surface plane of the steering wheel.
- H30 SgRP-FRONT TO HEEL The dimension measured vertically from the SgRP-front to the accelerator heel point.
- H50 UPPER BODY OPENING TO GROUND-FRONT The dimension measured vertically from the trimmed body opening to the ground on the SgRP-front "X" plane.
- H61 EFFECTIVE HEAD ROOM-FRONT The dimension measured along a line 8 deg rear of vertical from the SgRP-front to the headlining plus 102 mm (4 0 in).
- H67 FLOOR COVERING THICKNESS - UNDEPRESSED - FRONT The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

#### Rear Compartment Dimensions

- L41 BACK ANGLE-SECOND The angle measured between a vertical line through the SgRP second and the torso line.
- L43 HIP ANGLE-SECOND The angle measured between torso line and thigh centerline.
- L45 KNEE ANGLE-SECOND The angle measured between thigh centerline and lower leg centerline.
- L47 FOOT ANGLE-SECOND The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).
- L48 KNEE CLEARANCE-SECOND The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2 0 in).
- L50 SgRP COUPLE DISTANCE-SECOND The dimension measured horizontally from the driver SgRP-front to the SgRP-second.
- L51 MINIMUM EFFECTIVE LEG ROOM-SECOND The dimension measured along a line from the ankle pivot center to the SgRP-second plus 254 mm (10 0 in).
- W4 SHOULDER ROOM-SECOND The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP-second at height between 254-406 mm (10 0-16 0 in) above the SgRP-second, excluding the door assist straps and attaching parts.
- W6 HIP ROOM-SECOND Measured in the same manner as W5.
- H31 SgRP-SECOND TO HEEL The dimension measured vertically from the SgRP-second to the two dimensional device heel point on the depressed floor covering.
- H51 UPPER BODY OPENING TO GROUND-SECOND The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13 0 in) forward of the SgRP second.
- H63 EFFECTIVE HEAD ROOM-SECOND The dimension measured along a line 8 deg rear of vertical from the SgRP to the headlining, plus 102 mm (4 0 in).
- H73 FLOOR COVERING-DEPRESSED-SECOND The dimension measured vertically from the heel point to the underbody sheet metal.

# Specifications

## METRIC (U. S. Customary)

### Jr Vehicle And Body Dimensions - Key Sheet

#### Dimensions Definitions

#### Luggage Compartment Dimensions

V1 **USABLE LUGGAGE CAPACITY**-Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a

#### Interior Volumes (EPA Classification)

The Interior Index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements - head room, shoulder room, hip room, and leg room - for the front and rear seats, plus trunk capacity.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

#### Station Wagon/MPV - Third Seat Dimensions

L85 **SgRP COUPLE DISTANCE-THIRD** The dimension measured horizontally from the SgRP-second to the SgRP-third.

L86 **EFFECTIVE LEG ROOM-THIRD** The dimension measured along a line from the ankle pivot center to the SgRP-third plus 254 mm (10.0 in).

L87 **KNEE CLEARANCE-THIRD** The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in). With rear-facing third seat, dimension is measured to closure.

L88 **BACK ANGLE-THIRD** Measured in the same manner as L41.

L89 **HIP ANGLE-THIRD** Measured in the same manner as L43.

L90 **KNEE ANGLE-THIRD** Measured in the same manner as L45.

L91 **FOOT ANGLE-THIRD** Measured in the same manner as L47.

W85 **SHOULDER ROOM-THIRD** Measured in the same manner as W4.

W86 **HIP ROOM-THIRD** Measured in the same manner as W5.

L86 **EFFECTIVE HEAD ROOM-THIRD** The dimension, measured along a line 8 deg from the SgRP-third to the headlining rear of vertical plus a constant of 102 mm (4.0 in).

L87 **SgRP-THIRD TO HEEL POINT**

SD1 **SEAT FACING DIRECTION-THIRD**

#### Station Wagon/MPV - Cargo Space Dimensions

L200 **CARGO LENGTH-OPEN-FRONT** The minimum dimension measured longitudinally from the back of the front seatback at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.

L201 **CARGO LENGTH-OPEN-SECOND** The dimension measured longitudinally from the back of the second seatback at the height of the undeepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.

L202 **CARGO LENGTH-CLOSED-FRONT** The minimum dimension measured horizontally from the back of the front seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 **CARGO LENGTH-CLOSED-SECOND** The dimension measured horizontally from the back of the second seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 **CARGO LENGTH AT BELT-FRONT** The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt on the zero "Y" plane.

L205 **CARGO LENGTH AT BELT SECOND** The minimum dimension measured horizontally from the back of the second seatback top to the foremost normal surface of the closed tailgate at the height of the belt on the zero "Y" plane.

W201 **CARGO WIDTH-WHEELHOUSE** The minimum dimension measured laterally between the trimmed wheelhouses at floor level. For any vehicle not trimmed, measure to the sheet metal.

W203 **REAR OPENING WIDTH AT FLOOR** The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.

W204 **REAR OPENING WIDTH AT BELT** The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 **REAR OPENING WIDTH ABOVE BELT** The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

W500 **CARGO WIDTH AT FLOOR** The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars but will exclude wheelhouses.

H197 **FRONT SEATBACK TO LOAD FLOOR HEIGHT** The dimension measured vertically from the horizontal tangent to the top of the seatback to the undeepressed floor covering.

H201 **CARGO HEIGHT** The dimension measured vertically from the top of the undeepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.

H202 **REAR OPENING HEIGHT** The dimension measured vertically from the top of the undeepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 **TAILGATE TO GROUND CURB MASS (WT)** The dimension measured vertically from the top of the undeepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

H505 **MAXIMUM CARGO HEIGHT** The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

# Specifications

METRIC (U. S. Customary)

## Interior Vehicle And Body Dimensions - Key Sheet

### Dimensions Definitions

|                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>V2 STATION WAGON<br/>Measured in inches</p> $\frac{W4 \times H201 \times L204}{1728} = ft^3$ <p>Measured in mm</p> $\frac{W4 \times H201 \times L204}{10^9} = m^3(cubicmeter)$                                                                                                                                             | <p>L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p>V4 HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat</p>                                                                                                                        | <p>L209 CARGO LENGTH AT FLOOR FRONT The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <p>V5 TRUCKS AND MPV'S WITH OPEN AREA<br/>Measured in inches</p> $\frac{L506 \times W505 \times H503}{1728} = ft^3$ <p>Measured in mm</p> $\frac{L506 \times W505 \times H503}{10^9} = m^3(cubicmeter)$                                                                                                                       | <p>L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is towed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane</p>                                                                                                                                                                                                                                                                                                                                                                         |
| <p>V6 TRUCKS AND MPV'S WITH CLOSED AREA<br/>Measured in inches</p> $\frac{L204 \times W500 \times H505}{1728} = ft^3$ <p>Measured in mm</p> $\frac{L204 \times W500 \times H505}{10^9} = m^3(cubicmeter)$                                                                                                                     | <p>L211 CARGO LENGTH AT FLOOR-SECOND SEATBACK The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <p>V8 HIDDEN LUGGAGE CAPACITY-REAR OF SECOND SEAT The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat</p>                                                                                                                       | <p>H197 FRONT SEATBACK TO LOAD HEIGHT The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>V10 STATION WAGON CARGO VOLUME INDEX<br/>Measured in inches</p> $\frac{H201 \times L205 \times \frac{W4+W201}{2}}{1728} = ft^3$ <p>Measured in mm</p> $\frac{H201 \times L205 \times \frac{W4+W201}{2}}{10^9} = m^3(cubicmeter)$                                                                                           | <p>H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT The dimension measured vertically from the second seatback to the undepressed floor covering</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <p>Hatchback - Cargo Space Dimensions<br/>All Hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electronically adjusted seats, see the manufacturer's specifications for Design "H" Point)</p> | <p>V3 HATCHBACK<br/>Measured in inches</p> $\frac{L208+L209}{2} \times \frac{W4 \times H197}{1728} = ft^3$ <p>Measured in mm</p> $\frac{L208+L209}{2} \times \frac{W4 \times H197}{10^9} = m^3(cubicmeter)$ <p>V4 HIDDEN LUGGAGE CAPACITY-REAR OF FRONT SEAT The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat</p> <p>V11 HATCHBACK CARGO VOLUME INDEX Usable luggage (one (1) stand and luggage set) below floor<br/>Measured in inches</p> $\frac{L210+L211}{2} \times \frac{W4 \times H198}{1728} = ft^3$ <p>Measured in mm</p> $\frac{L210+L211}{2} \times \frac{W4 \times H198}{10^9} = m^3(cubicmeter)$ |

# Specifications

\*Metric (U. S. Customary)

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