MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1993

Manufacturer	Vehicle Line	
FORD MOTOR COMPANY	FORD MUSTANG	
Mailing Address		
P.O. BOX 2053 DEARBORN, MICHIGAN 48121	Issued JUNE 15, 1992	Revised OCTOBER 30, 1992

Direct questions concerning these specifications to the manufacturer listed above.

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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.

Motor Vehicle Manufacturers Association of the United States, Inc.
Forms Provided by Technical Affairs Division

FORM MVMA-93

MVMA Specifications

METRIC (U.S. Customary)

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∅ **Indicates Format Change From Previous Year**

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.

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Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

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 (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load-Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
	REAR WHEEL DRIVE (RWD)					
	LX MODEL	9/24/92				
	2-Door Sedan		66(BA)/HVS	2/2	45.4 (100)	(22/30)
	2-Door Convertible		66(BA)/HVS (B2L)	2/2	45.4 (100)	(22/30)
	2-Door Hatchback		61(DA)/HVS	2/2	45.4 (100)	(22/30)
	LX 5.0L MODEL	9/24/92				
	2-Door Sedan		66(BA)/HVS	2/2	45.4 (100)	(17/24)
	2-Door Convertible		66(BA)/HVS (B2L)	2/2	45.4 (100)	(17/24)
	2-Door Hatchback		61(DA)/HVS	2/2	45.4 (100)	(17/24)
	GT MODEL	9/24/92				
	2-Door Convertible		66(BA)/HVS (B2L)	2/2	45.4 (100)	(17/24)
	2-Door Hatchback		61(DA)/HVB	2/2	45.4 (100)	(17/24)
(•)	**COBRA MODEL**					
	2-Door Hatchback		61(DA)/HVB	2/2	45.4 (100)	

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

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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
ENGINE	Engine Code		99A	99A	99E	99E
	Displacement Liters (in^3)		2.3 (140)	2.3 (140)	5.0 (302) HO+	5.0 (302) HO+
	Induction System (FI, Carb, etc.)		Electronic Port Fuel Injection	Electronic Port Fuel Injection	Sequential Electronic Port Fuel Injection	Sequential Electronic Port Fuel Injection
	Compression Ratio		9.5:1	9.5:1	9.0:1	9.0:1
	SAE Net at RPM	Power kW (bhp)	78 (105) @ 4600	78 (105) @ 4600	153 (205) @ 4200	153 (205) @ 4200
		Torque N•m (lb. ft.)	183 (135) @ 2600	183 (135) @ 2600	373 (275) @ 3000	373 (275) @ 3000
	Exhaust single, dual		Single	Single	Dual	Dual
Ø TRANS	Transmission/ Transaxle		5-Spd. Man. T5OD Transmission	4-Spd. Auto. A4LD-PE Transmission	5-Spd. Man. T5OD Transmission	4-Spd. Auto. AOD Transmission
	Effective Final Drive/ Axle Ratio (std. first)		3.45	3.73	2.73T, 3.08T	2.73T, 3.27T

T5OD — 5-Speed Manual Overdrive
A4LD-PE — 4-Speed Automatic Overdrive
T — Traction-Lok Included
AOD — 4-Speed Automatic Overdrive
(•) See Page 2A for Cobra Model Power Team Specifications

Series Availability		Power Teams (A - B - C - D - E)	
Model	Code	Standard	Optional
LX 2-Door Sedan	66 (BA)/HVS	A	B
LX 2-Door Convertible	66 (BA)/HVS (B2L)	A	B
LX 2-Door Hatchback	61 (DA)/HVS	A	B
LX 5.0L 2-Door Sedan	66 (BA)/HVS	C	D
LX 5.0L 2-Door Convertible	66 (BA)/HVS (B2L)	C	D
LX 5.0L 2-Door Hatchback	61 (DA)/HVS	C	D
GT 2-Door Convertible	66 (BA)/HVB (B2L)	C	D
GT 2-Door Hatchback	61 (DA)/HVB	C	D
(•) Cobra 2-Door Hatchback	61 (DA)/HVB	E	—

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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.

(•)			E*			
ENGINE	Engine Code		99D			
	Displacement Liters (in^3)		5.0 (302) SHP			
	Induction System (FI, Carb, etc.)		Sequential Electronic Port Fuel Injection			
	Compression Ratio					
	SAE Net at RPM	Power kW (bhp)				
		Torque N•m (lb. ft.)				
	Exhaust single, dual		Dual			
Ø TRANS	Transmission/ Transaxle		5-Spd. Man. T5OD Transmission			
	Effective Final Drive/ Axle Ratio (std. first)		3.08			

*See Page 2 for Cobra Model Availability

Series Availability **Power Teams (A - B - C - D - E)**

Model	Code	Standard	Optional

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Engine Description Engine Code	2.3L

ENGINE – GENERAL

(See Page 3A for 5.0L)

Type and description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		Inline, Front, Longitudinal, (SOHC) Single Overhead Cam, Dual Spark Plugs with Modified Wedge Combustion Chambers
Manufacturer		Ford Motor Company
No. of cylinders		Four
Bore		96.04 (3.78)
Stroke		79.40 (3.12)
Bore spacing (C/L to C/L)		105.99 (4.17)
Cylinder block material & mass kg (lbs.) (machined)		Cast Iron & 45.4 (100)
Cylinder block deck height		212.55 (8.36)
Cylinder block length		474 (18.6)
Deck clearance (minimum) (above or below block)		0.181 (0.007) Above
Cylinder head material & mass kg (lbs.)		Cast Iron & 25.9 (57)
Cylinder head volume cm^3 ($inches^3$)		57.35-60.35 (3.50-3.68)
Cylinder liner material		N / A
Head gasket thickness (compressed)		1.27 (0.050)
Minimum combustion chamber total volume cm^3 ($inches^3$)		63.9 (3.9)
Cyl. no. system (front to rear)*	L. Bank	1, 2, 3, 4
	R. Bank	—
Firing order		1, 3, 4, 2
Intake manifold material & mass kg (lbs.)**		Aluminum & 5.03 (11.09)
Exhaust manifold material & mass kg (lbs.)**		Nodular Cast Iron & 9.64 (21.25)
Knock sensor (number & location)		No
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) ÷ 2		87 Minimum Octane
Engine mounts	Quantity	Three
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Elastomeric
	Added isolation (sub-frame, crossmember, etc.)	#3 Crossmember
Total dressed engine mass (wt) dry ***		174.3 (384.3)

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Hypereutectic Aluminum Alloy, 496 (17.5)

Engine – Camshaft

Location		In Cylinder Head
Material & mass kg (weight, lbs.)		Steel w/Powdered Metal Lobes
Drive type	Chain/belt	Belt
	Width/pitch	21.8-22.8 (0.86-0.90) /9.52 (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 and Alternator

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METRIC (U.S. Customary)

Engine Description / Engine Code	5.0L

ENGINE – GENERAL

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, (OHV) Overhead Valve, Modified Wedge Combustion Chambers
Manufacturer		Ford Motor Company
No. of cylinders		Eight
Bore		101.6 (4.00)
Stroke		76.2 (3.00)
Bore spacing (C/L to C/L)		111.3 (4.38)
Cylinder block material & mass kg (lbs.) (machined)		Cast Iron
Cylinder block deck height		208.4 (8.21)
Cylinder block length		529.3 (20.84)
Deck clearance (minimum) (above or below block)		.343 (.0135) Above
Cylinder head material & mass kg (lbs.)		Cast Iron and 20.9 (46.0)
Cylinder head volume cm^3 ($inches^3$)		60.6-63.6
Cylinder liner material		N / A
Head gasket thickness (compressed)		1.04-1.19 (0.041-0.047)
Minimum combustion chamber total volume cm^3 ($inches^3$)		71.8
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.)**		Aluminum and 16.8 (37.0)
Exhaust manifold material & mass kg (lbs.)**		Stainless Steel Headers and 5.4 (12.0)
Knock sensor (number & location)		No
Fuel required unleaded, diesel, etc.		Unleaded
Fuel antiknock index (R + M) ÷ 2		87 Minimum Octane
Engine mounts	Quantity	Three
	Material and type (elastomeric, hydroelastic, hydraulic damper, etc.)	Elastomeric
	Added isolation (sub-frame, crossmember, etc.)	#3 Crossmember
(•) Total dressed engine mass (wt) dry ***		244 (536.9) w/LX 5.0L & GT

Engine – Pistons

Material & mass, g (weight, oz.) - piston only	Cast Aluminum Alloy, 565 (19.89)

Engine – Camshaft

Location		In Block
Material & mass kg (weight, lbs.)		SAE 1050 or 1053 Steel, Induction Hardened and 4.54 (10)
Drive type	Chain/belt	Chain, Double Roller
	Width/pitch	22.1 (0.87)/9.52 (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 and Alternator

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Engine Description / Engine Code		2.3L	5.0L

Engine – Valve System

Hydraulic lifters (std., opt., n.a.)		Standard with Roller Tappets	
(•) Valves	Number intake/exhaust	4/4	8/8
	Head O.D. intake/exhaust	44 (1.73)/38 (1.50)	45 (1.78)/37 (1.45) exc. Cobra; 47 (1.84)/39 (1.54)

Engine – Connecting Rods

Material & mass kg., (weight, lbs.)*	Forged Steel, 0.63-0.64 (1.38-1.41)	Forged Steel, 0.56 (1.23)
Length (axes C/L to C/L)	132.2 (5.2)	129.3 (5.09)

Engine – Crankshaft

Material & mass kg., (weight, lbs.)*		Nodular Cast Iron and 14.8 (32.5)	Nodular Cast Iron Alloy, 17.3 (38.2)
End thrust taken by bearing (no.)		#3	
Length & number of main bearings		5	
Seal (material, one, two piece design, etc.)	Front	Viton, One Piece	Silicon, One Piece
	Rear	Viton, One Piece	Viton, One Piece

Engine – Lubrication System

Normal oil pressure kPa (psi) at engine rpm	345 (50) @ 2000 RPM	276-414 (40-60) @ 2000 RPM
Type oil intake (floating, stationary)	Stationary	Stationary Shrouded Screen in Sump
Oil filter system (full flow, part, other)	Full Flow	
Capacity of c/case, less filter-refill-L (qt.)	3.8 (4.0) Plus 0.9 (1.0) for Filter	3.8 (4.0) Plus 0.9 (1.0) 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.

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Engine Description / Engine Code	2.3L

Engine – Cooling System

(See Page 5A for 5.0L)

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Radiator Fill	
Radiator cap relief valve pressure kPa (psi)		82.7-110.3 (12-16) without A.C.; 96.5-124.1 (14-18) with A.C.	
Circulation thermostat	Type (choke, bypass)	By-Pass	
	Starts to open at °C (°F)	87.91 (188-195)	
Water pump	Type (centrifugal, other)	Centrifugal — Vane	
	GPM 1000 pump rpm	13.1	
	Number of pumps	One	
	Drive (V-belt, other)	Poly V-Belt	
	Bearing type	Double Row, Sealed, Ball and Roller	
	Impeller material	Low Carbon Steel	
	Housing material	Cast Iron	
By-pass recirculation type (inter., ext.)		External	
Cooling system capacity	With heater – L(qt.)	8.2 (8.6)	
	With air conditioner – L(qt.)	8.7 (9.2)	
	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	HD and A.C.
	Type (cross-flow, etc.)	Cross-Flow	
	Construction (fin & tube mechanical, braze, etc.)	Tube and Slit Fin	
	Material, mass kg (wgt., lbs.)	Copper, 5.9 (12.9)	
	Width	623.3 (24.5)	
	Height	453.1 (17.8)	
	Thickness	16.5 (0.65)	28.9 (1.14)
	Fins per inch	10 (A/T); 9 (M/T)	12
Radiator end tank material		Brass	
Ø Fan	Std., elec., opt.	Electric	
	Number of blades & type (flex, solid, material)	Four Uneven (Plastic)	
	Number & location (front, rear of radiator)	One & Rear of Radiator	
	Diameter & projected width	356 (14) and 39 (1.53)	
	Ratio (fan to crankshaft rev.)	N / A	
	Fan cutout type	N / A	
	Drive type (direct, remote)	Remote	
	RPM at idle (elec.)	1800 ± 100	
	Motor rating (wattage/elec.)	180 Watts	
	Motor switch (type & location/elec.)	ECT Sensor in Heater Hose	
	Switch point (temp./pressure/elec.)	96.2° (205°)	
	Fan shroud (material)	None	

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Engine Description / Engine Code	5.0L

Engine – Cooling System

(See Page 5 for 2.3L)

Coolant recovery system (std., opt., n.a.)		Standard
Coolant fill location (rad., bottle)		Radiator
Radiator cap relief valve pressure kPa (psi)		97-124 (14-18)
Circulation thermostat	Type (choke, bypass)	Choke
	Starts to open at °C (°F)	89-92 (192-197)
Water pump	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	10
	Number of pumps	One
	Drive (V-belt, other)	Poly V-Belt
	Bearing type	Double Row, Sealed Ball/Roller
	Impeller material	Low Carbon Steel
	Housing material	Aluminum
By-pass recirculation type (inter., ext.)		External
Cooling system capacity	With heater – L(qt.)	13.3 (14.1)
	With air conditioner – L(qt.)	13.3 (14.1)
	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)		No
Radiator core	Std., A/C, HD	Standard
	Type (cross-flow, etc.)	Cross-Flow
	Construction (fin & tube mechanical, braze, etc.)	Tube and Slit Fin
	Material, mass kg (wgt., lbs.)	Brass/Copper, 5.9 (12.9)
	Width	622.3 (24.5)
	Height	452.1 (17.8)
	Thickness	29 (1.14)
	Fins per inch	10
Radiator end tank material		Brass/Copper
Ø Fan	Std., elec., opt.	Standard
	Number of blades & type (flex, solid, material)	9, Even, Plastic/Steel
	Number & location (front, rear of radiator)	One & Rear of Radiator
	Diameter & projected width	461 (18.2) and 55.9 (2.2)
	Ratio (fan to crankshaft rev.)	1.25:1
	Fan cutout type	Clutch
	Drive type (direct, remote)	Belt, Direct
	RPM at idle (elec.)	N / A
	Motor rating (wattage/elec.)	N / A
	Motor switch (type & location/elec.)	N / A
	Switch point (temp./pressure/elec.)	N / A
	Fan shroud (material)	Filled Polypropylene

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Engine Description / Engine Code	2.3L	5.0L

Engine – Fuel System

(See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		Electronic Port Fuel Injection System	Sequential Electronic Port Fuel Injection System
Manufacturer		Ford Motor Company	
Carburetor no. of barrels		N / A	
Idle A/F mix.		14.6:1	
Fuel Injection	Point of injection (no.)	Intake Ports (4)	Intake Ports (8)
	Constant, pulse, flow	Pulse	Timed
	Control (electronic, mech.)	Electronic	
	System pressure kPa (psi)	269 (39)	206.9-275.8 (30-40)
Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual		675 (Neutral) Non-Adj.
	Automatic		625 (Neutral) Non-Adj.
Intake manifold heat control (exhaust or water thermostatic or fixed)		N / A	
Air cleaner type		Dry, Paper 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)	250-270 (36-39)	206.9-275.8 (30-40)
	Flow rate at regulated pressure L (gal)/hr @ kPa (psi)		

Fuel Tank

Capacity refill L (gallons)		58.3 (15.4)
Location (describe)		Behind Rear Axle
Attachment		Two Straps with Pin and Loop at Rear, Bolt at Front
Material & Mass kg (weight lbs.)		Steel (Terne Plate) and 9.1 (20.0)
Filler pipe	Location & material	Right Rear Quarter Panel and Steel
	Connection to tank	Rubber Seal
Fuel line (material)		Steel/Nylon
Fuel hose (material)		Covered Nylon
Return line (material)		Nylon/Steel
Vapor line (material)		Nylon/Steel
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	—

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Engine Description / Engine Code	2.3L

Vehicle Emission Control

(See Page 7A for 5.0L)

Exhaust Emission Control	Type (air injection, engine modifications, other)		Vehicle and Engine Modifications, Exhaust Gas Recirculation; 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 orifice, other)	Controlled Flow
		Exhaust source	External Tube
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold
	Catalytic Converter	Type	TWC + TWC Brick Inline
		Number of	Two (One — TWC + One — TWC)
		Location (s)	TWC — Toeboard and TWC — Underbody
		Volume L (in³)	0.69 (42.1) + 1.1 (68)
		Substrate type	Coated Ceramic Monolith
		Noble metal type	Platinum/Rhodium
		Noble metal concentration (g/cm³)	8.24/1.65 ÷ 10,000
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)		VRA Cover
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	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
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		One, Reverse Flow, Aluminized Low Carbon Steel and 9.8 (21.5)
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	50.8 x 1.75 (2.0 x .069)
	Material & Mass kg (weight lbs)	Aluminum Low Carbon Steel
Tail pipe	o.d. & wall thickness	47.6 x 1.37 (1.87 x .054)
	Material & Mass kg (weight lbs)	Aluminized Low Carbon Steel

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Engine Description / Engine Code	5.0L

Vehicle Emission Control

(•) Exhaust Emission Control	Type (air injection, engine modifications, other)		Vehicle and Engine Modifications, Exhaust Gas Recirculation and Air Injection
	Air Injection	Pump or pulse	Pump
		Driven by	Belt
		Air distribution (head, manifold, etc.)	Cylinder Head, Underbody Catalyst
		Point of entry	Cylinder Head Exhaust Ports, Underbody Catalyst Mid-Bed
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Electronic
		Exhaust source	#7 Exhaust Port
		Point of exhaust injection (spacer, carburetor, manifold, other)	EGR Spacer exc. Manifold w/Cobra
	Catalytic Converter	Type	TWC + COC
		Number of	Four (Two — TWC + Two — COC)
		Location (s)	TWC — Toeboard and COC — Underbody
		Volume L (in^3)	Toeboard — (2) x 0.69 (42); Underbody — (2) x 0.69 (42)
		Substrate type	Coated Ceramic Monolith
		Noble metal type	TWC — Platinum/Rhodium; COC — Platinum/Palladium
		Noble metal concentration (g/cm^3)	TWC — 8.24/1.65 ÷ 10,000; COC — 4.24/2.83 ÷ 10,000
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Closed Induction System
	Energy source (manifold vacuum, carburetor, other)		Intake Manifold Vacuum
	Discharges to (intake manifold, other)		Intake Manifold
	Air inlet (breather cap, other)		Throttle Body Inlet Air
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Carbon Canister
		Carburetor	N / A
	Vapor storage provision		Carbon Canister
Electronic system	Closed loop (yes/no)		Yes (Stabilized)
	Open loop (yes/no)		Yes (Cold Start and Heavy Load)

Engine – Exhaust System

Type (single, single with cross-over, dual, other)		Dual with Tubular Exhaust Manifolds and LH — 10.5 (23.0), RH — 9.9 (21.8)
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass kg (weight lbs)		Two, Reverse Flow, Aluminized Low Carbon Steel
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 1.75 (2.25 x 0.069)
	Material & Mass kg (weight lbs)	Aluminized Low Carbon Steel
Tail pipe	o.d. & wall thickness	57.2 x 1.37 (2.25 x .054); Optional — 57.2 x 1.17 (2.25 x 0.046)
	Material & Mass kg (weight lbs)	Aluminized Low Carbon Steel; Optional — SAE 51304 Stainless Steel

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Description / Engine Code	2.3L

Transmissions/Transaxle (Std., Opt., N.A.) (See Page 8A for 5.0L)

Manual 4-speed (manufacturer/country)	N / A
Manual 5-speed (manufacturer/country)	Standard (Borg Warner)
Manual 6-speed (manufacturer/country)	N / A
Automatic (manufacturer/country)	N / A
Automatic overdrive (manufacturer/country)	Optional, 4-Speed (Ford/France)

Manual Transmission/Transaxle

Number of forward speeds		Five
Gear ratios	1st	3.97
	2nd	2.34
	3rd	1.46
	4th	1.00
	5th	0.79
	6th	—
	Reverse	3.71
Synchronous meshing (specify gears)		All Forward Gears
Shift lever location		Floor
Trans. case mat'l. & mass kg (lbs)*		Aluminum & 35.1 (77.4)
Lubricant	Capacity L (pt.)	2.6 (5.6)
	Type recommended	Dexron II (90% By Volume) Plus Lubrizol (10% by Volume)

Clutch (Manual Transmission)

Clutch manufacturer		Luk
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	142 (32)
	Released	71 (16)
Assist (spring, power/percent, nominal)		No
Type pressure plate springs		Belleville Springs
Total spring load (nominal) N (lbs)		4520 (1016)
Clutch facing	Facing mfgr. & material coding	Valeo F-202
	Facing material & construction	Woven Non-Asbestos
	Rivets per facing	16
	Outside x inside dia. (nominal)	215 x 147 (8.47 x 5.79)
	Total eff. area cm^2 ($in.^2$)	386.7 (60.0)
	Thickness (pressure plate side/fly wheel side)	3.45 (0.136)/3.45 (0.136)
	Rivet depth (pressure plate side/fly wheel side)	1.15 (.045)/1.15 (.045) 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.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

Engine Description **Engine Code**	5.0L

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

Manual 4-speed (manufacturer/country)	N / A
Manual 5-speed (manufacturer/country)	Standard (Borg Warner)
Manual 6-speed (manufacturer/country)	N / A
Automatic (manufacturer/country)	N / A
(•) Automatic overdrive (manufacturer/country)	Optional (Ford/USA); N/A w/Cobra

Manual Transmission/Transaxle

Number of forward speeds		Five
Gear ratios	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 mat'l. & mass kg (lbs)*		Aluminum and 35.1 (77.4)
Lubricant	Capacity L (pt.)	2.6 (5.6)
	Type recommended	Dexron II (90% By Volume) Plus Lubrizol (10% By Volume)

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	173 (39)
	Released	111 (25)
Assist (spring, power/percent, nominal)		No
Type pressure plate springs		Belleville Springs
Total spring load (nominal) N (lbs)		8950 (2012)
Clutch facing	Facing mfgr. & material coding	Valeo F-202
	Facing material & construction	Woven Non-Asbestos
	Rivets per facing	18
	Outside x inside dia. (nominal)	267 x 171 (10.51 x 6.73)
	Total eff. area cm^2 ($in.^2$)	660 (102.4)
	Thickness (pressure plate side/fly wheel side)	3.6 (0.14)/3.6 (0.14)
	Rivet depth (pressure plate side/fly wheel side)	1.40 (.055) / 1.40 (.055) Minimum
	Engagement cushion method	Torbend Disc
Release bearing type & method lub.		Self-Centering, Angular Contact, Constant Running, Prepacked
Torsional damping method, springs, hysteresis		Multi-Stage, Springs and Friction Material

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

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Description / Engine Code	2.3L

Automatic Transmission/Transaxle

Trade Name		Automatic Overdrive (A4LD-PE)
Type and special features (describe)		4-Speed with Lock-up Torque Converter with Override Lock-up Solenoid, Planetary Gear Set
Ø Shift mechanics		Non-Synchronous 1 to 2 Synchronous 2 to 3/3 to 4
Gear selector	Location (column, floor, other)	Floor
	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	2.47
	2nd	1.47
	3rd	1.00
	4th	0.75
	Reverse	2.11
Ø	Final drive ratio	2.80
Max. upshift vehicle speed - drive range km/h (mph)		107 (66)
Ø Max. upshift engine speed RPM		4700
Max. kickdown speed - drive range km / h (mph)		99 (62)
Min. overdrive speed km / h (mph)		56 (35)
Ø Torque converter	Type	Lock Up
	Torus design	Semi-Squashed
	Number of elements	Three
	Max. ratio at stall	2.6
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	260 (10.2)
	Capacity factor "K"	235
Ø Pump type		Eccentric
Lubricant	Capacity refill L (pt.)	9.0 (19)
	Type recommended	ESP-M2C 166-H (Mercon® WSP-M2C 185-A for Service Exc. Calif.)
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Standard, External Oil to Engine Coolant
Transmission mass kg (lbs) & case material**		68 (150) & Aluminum

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 ÷ $\sqrt{\text{torque}}$

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

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

(•) **Engine Description** / **Engine Code**		5.0L (N/A with Cobra)

Automatic Transmission/Transaxle

Trade Name			Automatic Overdrive (AOD)	
Type and special features (describe)			4-Speed Planetary Gear Set, Split Toque Feature in Torque Converter, Hydraulic Controls	
Ø	Shift mechanics		Non-Synchronous 1 to 2/2 to 3 Synchronous 3 to 4	
	Gear selector	Location (column, floor, other)	Floor	
		Ltr./No. designation (e.g. PRND21)	P R N(D)D 1	
		Shift interlock (yes, no, describe)	Yes, Locks Selector in "PARK" Position until Service Brakes are Applied	
	Gear ratios	1st	2.40	
		2nd	1.47	
		3rd	1.00	
		4th	0.67	
		Reverse	2.00	
Ø		Final drive ratio	1.83	2.19 (b)
Max. upshift vehicle speed - drive range km/h (mph)			125 (78.0) 2 to 3 (a)	108 (67.3) (b)
Ø	Max. upshift engine speed RPM		4800	
Max. kickdown speed - drive range km / h (mph)			107 (66.3) 4 to 3 (a)	92 (57.4) (b)
Min. overdrive speed km / h (mph)			67 (41.5) (a)	64 (39.5) (b)
Ø	Torque converter	Type	Open w/Split Torque Mechanical Arrangements 3rd & 4th Gears	
		Torus design	Full	
		Number of elements	Three	
		Max. ratio at stall	2.30	
		Type of cooling (air, liquid)	Liquid	
		Nominal diameter	305 (12)	
		Capacity factor "K"	140	
Ø	Pump type		Crescent	
	Lubricant	Capacity refill L (pt.)	11.7 (24.7)	
		Type recommended	ESP-M2C 138-CJ (Mercon® for Service)	
Oil cooler (std., opt., N.A., internal, external, air, liquid)			Standard, External Oil to Engine Coolant	
Transmission mass kg (lbs) & case material**			87 (192.5) & Aluminum	

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 ÷ $\sqrt{\text{torque}}$

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

(a)w/2.73:1 Rear Axle Ratio
(b)w/3.27:1 Rear Axle Ratio

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Description / Engine Code	2.3L

Axle Ratio and Tooth Combinations

(See 'Power Teams' for axle ratio usage) (SEE PAGE 10A FOR 5.0L)

Axle ratio (or overall top gear ratio)		3.45:1	3.73:1
Ring gear o.d.		198.1 (7.8)	
No. of teeth	Pinion	11	
	Ring gear	38	41

Rear Axle Unit

Description		Semi-Floating Type with Cast Center and Overhung Pinion
Limited slip differential (type)		N / A
Drive Pinion	Type	Hypoid
	Offset	25.4 (1.0)
No. of differential pinions		Two
Pinion / differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Collapsible Spacer
Driving wheel bearing (type)		Straight Roller
Lubricant	Capacity L (pt.)	1.5 (3.17) to 1.6 (3.38)
	Type recommended	ESP-M2C 154-A, SAE 90, GL-5

Propeller Shaft — Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			Straight Tube with Internal Tuned Damper
Outer diam. x length* x wall thickness	Manual 4-speed transmission		N / A
	Manual 5-speed transmission		76.2 x 1155.7 x 1.65 (3.00 x 45.5 x .065)
	Manual 6-speed transmission		N / A
	Overdrive		N / A
	Automatic Transmission 4-Speed, A4LD		69.85 x 1089.66 x 1.65 (2.75 x 42.90 x .065)
Intermediate bearing	Type (plain, anti-friction)		N / A
	Lubrication (fitting, prepack)		N / A
Slip yoke	Type		Tuned Damper
	Number of teeth		28 with Manual Transmission; 25 with Automatic Transmission
	Spline o.d.		30.73 (1.21) with Manual Transmission; 28.19 (1.11) with Automatic Transmission
Universal joints	Make and mfg. no.	Front	Ford 1310 with Manual Transmission; 1310 with Automatic Transmission
		Rear	Ford 1310 with Manual Transmission; 1310 with Automatic Transmission
	Number used		Two
	Type (ball and trunnion, cross)		Cross
	Rear attach (u-bolt, clamp, etc.)		Circular Flange
	Bearing	Type (plain, anti-friction)	Needle Roller
		Lubrication (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.

MVMA Specifications

Vehicle Line MUSTANG

Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Description / Engine Code	5.0L

Axle Ratio and Tooth Combinations

(See 'Power Teams' for axle ratio usage)

Axle ratio (or overall top gear ratio)		2.73:1	3.08:1	3.27:1
Ring gear o.d.		221 (8.7)	223.5 (8.8)	
No. of teeth	Pinion	15	13	11
	Ring gear	41	40	36

Rear Axle Unit

Description		Semi-Floating Type with Cast Center and Overhung Pinion
Limited slip differential (type)		Friction Plate
Drive Pinion	Type	Hypoid
	Offset	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.)	1.8 (3.8)
	Type recommended	ESP-M2C 154-A SAE 90, GL-5 Plus Traction Lok: Add 4 Oz. M2C118-A Friction Modifier
		SAE 85W90

Propeller Shaft — Rear Wheel Drive

Manufacturer Type (straight tube, tube-in-tube, internal-external damper, etc.)			Straight Tube with Internal Tuned Damper
Outer diam. x length* x wall thickness	Manual 4-speed transmission		N / A
	Manual 5-speed transmission		76.2 x 1150.62 x 1.65 (3.00 x 45.3 x .065)
	Manual 6-speed transmission		N / A
	Overdrive		N / A
	Automatic transmission		76.2 x 1160.78 x 1.65 (3.00 x 45.70 x .065)
Intermediate bearing	Type (plain, anti-friction)		N / A
	Lubrication (fitting, prepack)		N / A
Slip yoke	Type		Plain with Manual Transmission: Tuned Damper with Automatic Transmission
	Number of teeth		28
	Spline o.d.		30.73 (1.21)
Universal joints	Make and mfg. no.	Front	Ford 1330 with Manual Transmission; 1310 with Automatic Transmission
		Rear	Ford 1330 with Manual Transmission; 1310 with Automatic Transmission
	Number used		Two
	Type (ball and trunnion, cross)		Cross
	Rear attach (u-bolt, clamp, etc.)		Circular Flange
	Bearing: Type (plain, anti-friction)		Needle Roller
	Bearing: Lubrication (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.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description	2.3L

Suspension – General Including Electronic Controls (SEE PAGE 11A FOR 5.0L)

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		Strut — Front/Shock — Rear, Nitrogen Gas Pressurized Hydraulic
	Make		Tokico/Monroe
	Piston diameter		Front 32 (1.26)/Rear 25.4 (1.0)
	Rod diameter		Front 22 (0.87)/Rear 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)	89.08 (3.50)
	Full rebound	88.72 (3.49)
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)	243.4 (9.6) and 89.0 (3.50); 2956 (116.4) & 15.6 (0.61)
	Spring rate [N/mm (lb./in.)]	70 (400)
	Rate at wheel [N/mm (lb./in.)]	38.5 (220)
Stabilizer	Type (link, linkless, frameless)	Link; Teflon Lined Rubber Side Rail Insulator
	Material & O.D. bar/tube, wall thickness	SAE-1090 Steel & 23.9 (0.94) Bar

Suspension – Rear

Type and description			Four Bar Link with Coil Spring on Lower Arm
Travel	Full jounce (define load condition)		73.7 (2.90)
	Full rebound		122.1 (4.81)
Spring	Type (coil, leaf, other & material)		Coil, SAE-5160-H Steel
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		196 (7.7) & 102 (4.02); 2984 (117.5) & 13.0 (0.51)
	Spring rate [N/mm (lb./in.)]		28 (160)
	Rate at wheel [N/mm (lb./in.)]		20 (114)
	Insulators (type & material)		Upper Disc (Rubber); Lower Disc (Rubber)
	If leaf	No. of leaves	N / A
		Shackle (comp. or tens.)	N / A
Stabilizer	Type (link, linkless, frameless)		N / A
	Material & O.D. bar/tube, wall thickness		N / A
Track bar (type)			None

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description

5.0L (MODELS WITH QUADRA SHOCK REAR SUSPENSION

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		Frt. Struts/Vert. Rr. Shocks, Nitro. Gas-Press Hyd.; Horiz. Rr. Dmprs. (a)
	Make		Frt. Struts/Rr. Shocks — Tokico; Rr. Dampers — Maremont
	Piston diameter		Front 32 (1.26)/Rear 25.4 (1.00); Damper 25.4 (1.00)
	Rod diameter		Front 22 (0.87)/Rear 12.5 (0.50); 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)		90.88 (3.58)
	Full rebound		86.92 (3.42)
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)		Variable Rate Coil; 241.54 (9.5) & 89.0 (3.50); 3251 (128) & 16.69 (.66) to 14.75 (.58)
	Spring rate [N/mm (lb./in.)]		Variable 74.5 (425) to 92.8 (530)
	Rate at wheel [N/mm (lb./in.)]		Variable 32.3 (184) to 40.1 (229)
Stabilizer	Type (link, linkless, frameless)		Link; Teflon Lined Rubber Side Rail Insulator
(•)	Material & O.D. bar/tube, wall thickness		SAE 1090 Steel & 33.0 (1.30) Bar exc. Cobra; SAE 1090 Steel and 28.5 (1.125) w/Cobra

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)		73.7 (2.90)
	Full rebound		122 (4.81)
(•) Spring	Type (coil, leaf, other & material)		Variable Rate Coil and SAE 5160H Steel
	Size (Leaf: length & width; Coil: design height & i.d.; Bar: length & diameter)		Variable Rate; 196 (7.7) & 102 (4.02); 2832 (111.5) and 14.36 (.56) to 11.27 (.44) exc. Cobra; Fixed Rate; 196 (7.7) & 102 (4.02); 2989 (117.5) and 13 (.51) w/Cobra
(•)	Spring rate [N/mm (lb./in.)]		Variable 35 (200) to 52.5 (300), exc. Cobra; Fixed Rate 28 (160) w/Cobra
(•)	Rate at wheel [N/mm (lb./in.)]		Variable 25 (143) to 37.5 (214) exc. Cobra; Fixed Rate 14 (80) w/Cobra
	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 (N / A Standard Duty Suspension)
	Material & O.D. bar/tube, wall thickness		SAE 5160 Steel & 21 (0.83) Bar
Track bar (type)			None

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description: 2.3L

Brakes — Service

(SEE PAGE 12A FOR 5.0L)

Description			Four Wheel Hydraulic Actuated System
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)		Disc
	Rear (disc or drum)		Drum
Valving type (proportion, delay, metering, other)			Proportioning
Power brake (std., opt., n.a.)			Standard
Booster type (remote, integral, vac., hyd., etc.)			200 (8.66) Single Diaphragm, Integ. Vac. (Exc. 152 (6.0) Tandem w/Convertible)
Vacuum	Source (inline, pump, etc.)		Inline
	Reservoir (volume in.³)		N / A
	Pump-type (elec, gear driven, belt driven)		N / A
Ø Traction assist	Operational speed range		N / A
	Type (engine or brake intervention)		—
Anti-lock device	Front / rear (std., opt., n.a.)		N / A
	Manufacturer		—
	Type (electronic, mech.)		—
	Number sensors or circuits		—
	Number anti-lock hydraulic circuits		—
	Integral or add-on system		—
	Yaw control (yes, no)		—
	Hydraulic power source (elec., vac. mtr., pwr. strg.)		—
Effective area cm²(in.²)*			208 (32.2)/332 (51.4)
Gross Lining area cm²(in.²)**(F/R)			231 (35.8)/332 (51.4)
Swept area cm²(in.²)***(F/R)			1139 (176.6)/638.7 (99)
Rotor	Outer working diameter	F/R	256 (10.1)/N / A
	Inner working diameter	F/R	158 (6.22)/N / A
	Thickness	F/R	22.1 (0.87)/N / A
	Material & type (vented/solid)	F/R	Cast Iron, (Vented)/N / A
Drum	Diameter & width	F/R	N / A/228.6 (9.0) and 44 (1.73)
	Type and material	F/R	N / A/Composite Cast Iron
Wheel cylinder bore			60 (2.36) — Front/19.1 (.75) — Rear
(•) Master cylinder	Bore/stroke	F/R	Main — 21 (0.83), F. F. — 30.2 (1.19)/40 (1.57)
Pedal arc ratio			3.5:1
Line pressure at 445 N(100 lb.)pedal load [kPa (psi)]			10,480 (1520) Exc. Conv. (11,100 [1610] w/Convertible Only)
Lining clearance		F/R	0.13 (.005)/0.25 (.010)

Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Riveted 6/Seg.
		Rivet size		4.7 (0.18)
		Manufacturer		Bendix
		Lining code*****		BX XD EE, 7161A
		Material		Molded Semi-Metallic
		****	Primary or out-board	154 x 44 x 9.18 (6.06 x 1.73 x 0.36)
		Size	Secondary or in-board	120 x 43.5 x 11.08 (4.74 x 1.71 x 0.43)
		Shoe thickness (no lining)		5.1 (0.20)
	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded
		Manufacturer		Bendix FMD — Primary 3198; Secondary 3199
		Lining code*****		BX-BY-FE — Primary; BX-PM-FE — Secondary
		Material		Molded Organic
		****	Primary or out-board	155 x 44 x 4.7 (6.1 x 1.73 x 0.185)
		Size	Secondary or in-board	219 x 44 x 6.2 (8.6 x 1.73 x 0.244)
		Shoe thickness (no lining)		1.71 (.067)

* 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.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

(•) **Model Code/Description And/Or Engine Code/Description**

LX 5.0L AND GT MODELS	COBRA MODEL

Brakes — Service

	Description			Four Wheel Hydraulic Actuated System	
	Manufacturer and (•) brake type (std., opt., n.a.)	Front (disc or drum)		Disc	
		Rear (disc or drum)		Drum	Disc
	Valving type (proportion, delay, metering, other)			Proportioning	
	Power brake (std., opt., n.a.)			Standard	
(•)	Booster type (remote, integral, vac., hyd., etc.)			152 (6.0) Tandem Diaphr., Integ., Vacuum	205 (8.0) Tandem Diaphr., Integ., Vacuum
	Vacuum	Source (inline, pump, etc.)		Inline	
		Reservoir (volume in.³)		N / A	
		Pump-type (elec, gear driven, belt driven)		N / A	
Ø	Traction assist	Operational speed range		N / A	
		Type (engine or brake intervention)		—	
	Anti-lock device	Front / rear (std., opt., n.a.)		N / A	
		Manufacturer		—	
		Type (electronic, mech.)		—	
		Number sensors or circuits		—	
		Number anti-lock hydraulic circuits		—	
		Integral or add-on system		—	
		Yaw control (yes, no)		—	
		Hydraulic power source (elec., vac. mtr., pwr. stg.)		—	
(•)	Effective area cm²(in.²)*			246 (38.1)/332 (51.4)	246 (38.1)/114.4 (17.7)
(•)	Gross Lining area cm²(in.²)**(F/R)			263 (40.8)/332 (51.4)	263 (40.8)/148.9 (23.1)
(•)	Swept area cm²(in.²)***(F/R)			1400 (217)/638.7 (99)	1400 (217)/1047 (162.3)
(•)	Rotor	Outer working diameter	F/R	275.4 (10.84)/N / A	275.4 (10.84)/256 (10.0)
(•)		Inner working diameter	F/R	179.5 (7.16)/N / A	179.5 (7.16)/177 (6.97)
(•)		Thickness	F/R	26.2 (1.03)/N / A	26.2 (1.03)/24 (0.95)
(•)		Material & type (vented/solid)	F/R	Cast Iron, Vented/N / A	Cast Iron Vented/Cast Iron Vented
(•)	Drum	Diameter & width	F/R	N / A/228.6 (9.0) and 44 (1.73)	N / A
(•)		Type and material	F/R	N / A/Composite Cast Iron	—
(•)	Wheel cylinder bore			60 (2.36) — Front/19.1 (.75) — Rear	60 (2.36)/45.4 (1.78)
(•)	Master cylinder	Bore/stroke	F/R	Main 21 (0.83), F. F. 30.2 (1.19)/40 (1.57)	25.4 (1.0)/35.8 (1.4)
	Pedal arc ratio			3.5:1	
(•)	Line pressure at 445 N(100 lb.)pedal load [kPa (psi)]			11,100 (1610)	9240 (1340)
	Lining clearance		F/R	0.13 (.005)/0.25 (.010)	
	Brake lining — Front wheel	Bonded or riveted (rivets/seg.)		Riveted 6/Seg.	
		Rivet size		5.3(0.209)	
		Manufacturer		Abex	
		Lining code*****		9164Q2B	
		Material		Molded Semi-Metallic	
		****	Primary or out-board	162 x 43.4 x 8.1 (6.38 x 1.37 x 0.30)	
		Size	Secondary or in-board	136.9 x 44.9 x 9.3 (5.39 x 1.77 x 0.37)	
		Shoe thickness (no lining)		4.85 (0.191) Out-Board/5.69 (0.224) In-Board	
(•)	Rear wheel	Bonded or riveted (rivets/seg.)		Bonded	Riveted
(•)		Manufacturer		Bendix FMD Primary 3198; Second. 3199	Ferodo
(•)		Lining code*****		BX-BY-FE Primary; BX-PM-FE Second.	NT8-FF
		Material		Molded Organic	
(•)		****	Primary or out-board	155 x 44 x 4.7 (6.1 x 1.73 x 0.185)	98 x 38 x 11.5
(•)		Size	Secondary or in-board	219 x 44 x 6.2 (8.6 x 1.73 x 0.244)	98 x 38 x 11.5
(•)		Shoe thickness (no lining)		1.71 (0.067)	4.5 (0.177)

* 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.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) _____

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description	2.3L

Tires And Wheels (Standard)

(SEE PAGE 13A FOR 5.0L)

Ø	Tires	Size (service description)		P195/75R14
		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)		810
	Wheels	Type & material		Stamped Steel
		Rim (size & flange type)		(14 x 5.5) JJ
Ø		Wheel offset		14 (0.55)
		Attachment	Type (bolt or stud & nut)	Stud
			Circle diameter	(4.25)
			Number & size	Four — 12.7 (.50) — 20 Thd
	Spare	Tire and wheel		B78-14, kPa (36 PSI), Steel Wheel 356 x 127 (14 x 5.0), Economy Spare
		Storage position & location (describe)		Flat Position, Deep Well in Trunk

Tires and Wheels (Optional)

Ø	Tire size (service description)	
	Type (bias, radial, steel, nylon, etc.)	
	Wheel (type & material)	Polycast/Steel
	Rim (size, flange type and offset)	(14 x 5.5) JJ, Offset 28.4 (1.12)
Ø	Tire size (service description)	P205/65R15
	Type (bias, radial, steel, nylon, etc.)	Steel Belted Radial
	Wheel (type & material)	Aluminum (10-Hole)
	Rim (size, flange type and offset)	(15 x 7.0) 22.4 (0.88) Offset
Ø	Tire size (service description)	
	Type (bias, radial, steel, nylon, etc.)	
	Wheel (type & material)	
	Rim (size, flange type and offset)	
Ø	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 Level — 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)	—

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

(•) Model Code/Description And/Or Engine Code/Description	LX 5.0L AND GT MODELS	COBRA MODEL

Tires And Wheels (Standard)

(SEE PAGE 13 FOR 2.3L)

(•) Ø	Tires	Size (service description)		P225/55ZR16 BSW	P245/45ZR17 BSW
		Type (bias, radial, steel, nylon, etc.)		Steel Belted Radial	
		Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	207 (30)	
			Rear kPa (psi)	207 (30)	
(•)		Rev./mile-at 70 km/h (45 mph)		812	814
(•)	Wheels	Type & material		Aluminum (5-Spoke)	Aluminum (7-Spoke)
(•)		Rim (size & flange type)		16 x 7	17 x 7.5 JJ
(•) Ø		Wheel offset		22.4 (0.88)	41.7 (1.64)
		Attachment	Type (bolt or stud & nut)	Stud	
			Circle diameter	4.25	
			Number & size	Four — 12.7 (.50) — 20 Thd	
(•)	Spare	Tire and wheel		T125/70D16, 415 kPa (60 PSI), Steel Wheel 406 x 102 (16 x 4) Mini	P125/90R15, 415 kPa (60 PSI), Aluminum Wheel 381 x 102 (15 x 4)
		Storage position & location (describe)		Flat Position, Deep Well in Trunk	

Tires and Wheels (Optional)

(NOT OFFERED)

Ø	Tire size (service description)
	Type (bias, radial, steel, nylon, etc.)
	Wheel (type & material)
	Rim (size, flange type and offset)
Ø	Tire size (service description)
	Type (bias, radial, steel, nylon, etc.)
	Wheel (type & material)
	Rim (size, flange type and offset)
Ø	Tire size (service description)
	Type (bias, radial, steel, nylon, etc.)
	Wheel (type & material)
	Rim (size, flange type and offset)
Ø	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

(SEE PAGE 13)

Type of control		
Location of control		
Operates on		
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

MVMA Specifications

Vehicle Line MUSTANG •
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description	2.3L	5.0L

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			N / A	
		Manufacturer			—	
		(std., opt., n.a.)			—	
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.)			11.39 (37.36)	12.4 (40.8)
	Inside rear	Wall to wall (l. & r.)				
		Curb to curb (l. & r.)				
Scrub Radius*						
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 ESP-M2C 138CJ	
	Gear	Type			Rack and Pinion, Constant Ratio	Rack & Pinion, Constant Ratio (Hdlg. Susp.)
		Ratios	Gear		6.44°/mm Constant Ratio	
			Overall		14.7:1 on Center; 13.2:1 at Stops	
	Pump (drive)				Multi-Rib Belt Off Crankshaft Pulley	
	No. wheel turns (stop to stop)				2.46	2.22
Linkage	Type				Rack and Pinion (Rod and Ball Joint Directly Attached to Gear)	
	Location (front or rear of wheels, other)				Front of Wheels	
	Tie rods (one or two)				Two (Integral with Gear)	
Steering axis	Inclination at camber (deg.)				15.7°	
	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.

MVMA Specifications

Vehicle Line MUSTANG

Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

Model Code/Description And/Or Engine Code/Description	ALL EXCEPT 5.0L	5.0L

Wheel Alignment

(•) Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	+ 1.9° ± 0.75° (a)	
		Camber (deg.)	-0.5° ± 0.75° (a)	-0.6° ± 0.75° (a)
		Toe-in outside track-mm (in.)	- 3.0 ± 3.0 (-0.12 ± 0.12) (b)	-3.0 ± 3.0 (-.12 ± .12) (b) (c)
	Service reset*	Caster (deg.)	Factory Set and Cannot Be Adjusted	
		Camber (deg.)	-0.5° ± 0.75° (a)	-0.6° ± .75° (a)
		Toe-in - mm (in.)	-3.0 ± 3.0 (-0.12 ± 0.12) (b)	-3.0 ± 3.0 (-.12 ± .12) (b) (c)
	Periodic M.V. inspection	Caster (deg.)	+ 1.9° ± 0.75° (a)	
		Camber (deg.)	-0.5° ± 0.75° (a)	-0.6° ± 75° (a)
(•)		Toe-in - mm (in.)	-3.0 ± 3.0 (-0.12 ± 0.12) (b)	-3.0 ± 3.0 (-.12 ± .12) (b) (c)
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. inspection	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 ± 0.75°
(b) Steering Wheel Must be Within ± 3.0° of -1.4° (Counter-Clockwise) After Toe Setting
(c) 0 ± 3.0 (0 ± .12) w/Cobra

(•) Electrical – Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)		Analog, Standard (225 KPH/140 MPH w/5.0L HO Engine)	
	Trip odometer (std., opt., n.a.)		Standard	
Head-up display	Standard, optional, not available		N / A	
	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)		N / A	
Windshield wiper	Type (standard)		Two-Speed Electric Column-Mtd. Control, Interval Wipe, Standard	
	Type (optional)		N / A	
	Blade length		406.4 (16.0)	
	Swept area cm^2(in.^{2})		4637 (718.7)	
Windshield washer	Type (standard)		Electric Pump (Impeller Type), Standard	
	Type (optional)		N / A	
	Fluid level indicator (light, audible)		N / A	Light, Standard w/5.0L & GT (c)
Rear window wiper, wiper/washer (std., opt., n.a.)			N / A	
Horn	Type		Air Electric	
	Number used		Two Std. — One Hi-Pitch, One Lo-Pitch	
Other			See Page 15A	

(c) Alert Lights Located in Instrument Cluster for Check Oil, Low Coolant, Low Fuel, and Low Washer Fluid

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)
- Check Oil – Low Engine Oil Warning Light (For 5.0L Engine Only; Located in Instr. Cluster)
- Low Coolant Alert Light (For 5.0L Engine Only; Located in Instr. Cluster)
- Air Bag Readiness Light

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Code/Description	2.3L

Electrical – Supply System

(SEE PAGE 16A FOR 5.0L)

Battery	Manufacturer	Johnson Controls Inc. or GNB
	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	Ford
	Rating (idle/max. rpm)	75 Amp./Max. (E7SF-MA)
	Ratio (alt. crank/rev.)	2.68:1
	Output at idle (rpm, park)	
	Optional (type & rating)	N / A
Regulator	Type	Electronic — Integral with Alternator

Electrical – Starting System

Motor	Manufacturer	Motorcraft
	Current drain _____ °C(°F)	275-300 Amps.
	Power rating kw (hp)	1.3 (1.7)
Motor drive	Engagement type	Positive (11001)
	Pinion engages from (front, rear)	Front

Electrical – Ignition System

Type	Electronic (std., opt., n.a.)		Standard
	Other (specify)		DIS
Coil	Manufacturer		Motorcraft
	Model		DIS Coil (Two-4 Post)
	Current	Engine stopped – A	6.5
		Engine idling – A	
Spark plug	Manufacturer		Motorcraft
	Model		AWSF-32C
	Thread (mm)		14
	Tightening torque N•m (lb.-ft)		7.0-14.0 (5-10)
	Gap		1.12 (0.044)
	Number per cylinder		Two
Distributor	Manufacturer		N / A
	Model		—

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.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Code/Description	5.0L

Electrical – Supply System

Battery	Manufacturer	Johnson Controls Inc. or GNB
	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	Ford (EED Rawsonville)
	Rating (idle/max. rpm)	75 Amp./Max. (E7SF-FA)
	Ratio (alt. crank/rev.)	3.0:1
	Output at idle (rpm, park)	30 AMP.
	Optional (type & rating)	N / A
Regulator	Type	Electronic with Integral Regulator

Electrical – Starting System

Motor	Manufacturer	Motorcraft
	Current drain 26 °C(°F)	180-225
	Power rating kw (hp)	1.4 (1.9)
Motor drive	Engagement type	Positive (E9SF-11000-BA)
	Pinion engages from (front, rear)	Front

Electrical – Ignition System

Type	Electronic (std., opt., n.a.)		Standard
	Other (specify)		N / A
Coil	Manufacturer		Motorcraft
	Model		E-Core, E73F-12029-AB
	Current	Engine stopped – A	
		Engine idling – A	2.5-6.5
Spark plug	Manufacturer		Motorcraft
	Model		ASF-42C
	Thread (mm)		14
	Tightening torque N•m (lb.-ft)		7-14 (5-10)
	Gap		1.37 (0.054)
	Number per cylinder		One
Distributor	Manufacturer		Motorcraft
	Model		Universal-Hall Effect

Electrical – Suppression

Locations & type	Capacitor in Alternator, Resistor Spark Plugs, Resistance Ignition Wire, Ground Cable — Engine to Dash, Hood Bond.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

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 Rim Urethane Fascias with HSLASO Steel Understructure at Rear and Reinforced Polypropylene Understructure at Front. 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 or Plastic Cladding on Lower Body Sides • Grille: Integral with Polyurethane Fascia

Body – Miscellaneous Information

Type of finish (lacquer, enamel, other)			Enamel Acrylic
Hood	Material & mass		Steel
	Hinge location (front, rear)		Rear
	Type (counterbalance, prop)		Prop
	Release control (internal, external)		Primary — Internal; Secondary — External
Trunk lid	Material & mass		Steel
	Type (counterbalance, other)		Counterbalance (Torsion Bar w/2-Door Sedan & Clock Spring w/Convertible)
	Internal release control (elec., mech., n.a.)		Electric (with Power Lock Group)
Hatck-back lid	Material & mass		Steel
	Type (counterbalance, other)		Gas Cylinders
	Internal release control (elec., mech., n.a.)		Electric
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 (Single Arm)
		Rear	N / A Exc. Conv.; 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. (Fold Down, Split 50/50 with Htbk.)
		3rd seat	None

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized Construction

(a) Articulated Front Sport Sets Standard with (Optional w/LX 5.0L Exc. Sedan) GT.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) _____

METRIC (U.S. Customary)

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	Supplemental Air Bag (Inflated with Nitrogen Gas)	N / A	N / A
		Second seat	N / A	N / A	N / A
	Standard / optional	Third seat	N / A	N / A	N / A

Glass	SAE Ref. No.	2-DOOR SEDAN	CONVERTIBLE	2-DOOR HATCHBACK
Windshield glass exposed surface area $cm^2(in.^2)$	S1	8117 (1258)	7213 (1118)	8117 (1258)
Side glass exposed surface area $cm^2(in.^2)$ - total 2-sides	S2	9788 (1517)	7459 (1156)	10517 (1630) 4112 (638) Qtr. Wdl.
Backlight glass exposed surface area $cm^2(in.^2)$	S3	8581 (1330)	3723 (577)	8568 (1328)
Total glass exposed surface area $cm^2(in.^2)$	S4	26486 (4105)	18395 (2851)	27202 (4216)
Ø Windshield glass (type / thickness)		Laminated		
Ø Side glass (type / thickness)		Tempered		
Ø Backlight glass (type / thickness)		Tempered		
Ø Tinted (yes / no, location)				
Ø Solar control (yes / no, coated / batched, location				

Headlamps

Description (sealed beam, halogen, replaceable bulb, etc.)	Aero Halogen, Replaceable Bulb (9004)
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)

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Engine Code/Description

2.3L	5.0L

Climate Control System

Air conditioning (std., opt., man., auto.)		Optional, Manual Temperature Control	
Condenser	Type	Tube and Fin	
	Eff. face area (sq. mm.)	228380	
	Fins per inch	11	
Evaporator	Type	Shell and Plate	
	Eff. face area (sq. mm.)	38710	
	Fins per inch	14	
Heater core	Material	Copper/Brass	
	Eff. face area (sq. mm.)	30320	
	Fins per inch	13	
Compressor	Type	Swashplate	
	Displacement (cc.)	153	148
	Manufacturer	Nippondenso	
	A/C pulley ratio	0.95:1	1.20:1
Accumulator	Type	Domed	
	Height (mm.)	178	
	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-12	
Charge level (lbs. - oz.)		2-2	
Cold engine lockout switch (yes / no)		No	
Wide open throttle cutout switch (yes / no)		Yes	

MVMA Specifications

Vehicle Line MUSTANG

Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)

Model Code/Description | ALL MODELS

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

Clock (digital, analog)		Standard, Digital (Integral with Radio)
Compass / thermometer		N/A
Console (floor, overhead)		Standard, with All Models
Ø Defroster, electric windshield		
Defroster, electric backlight		Optional Except Convertible (Mandatory New York State)
Electronic	Diagnostic monitor (integrated, individual)	N/A
	Instrument cluster (list instruments)	N/A
	Keyless entry	N/A
	Tripminder (avg. spd., fuel)	N/A
	Voice alert (list items)	N/A
	Other	
Fuel door lock (remote, key, electric)		N/A
Lamps	Auto head on/off delay, dimming	N/A
	Cornering	N/A
	Courtesy (map, reading)	Standard Comb. Dome/Map Light (Part of Light Group) (N/A. Conv.)
	Door lock, ignition	N/A
	Engine compartment	Standard (Part of Light Group)
	Fog	Standard on GT Model; Not Available on Other Models
	Glove compartment	Standard (Part of Light Group)
	Trunk	Standard (Part of Light Group)
	Illuminated entry system (list lamps, activation)	
	Other	
Mirrors	Day / night (auto., man.)	Standard, Manual (Integral with Dome Light on Convertible)
	L.H. (remote, power, heated)	Std., Man. Remote; Opt. Electric Remote (Std. with Convertible)
	R.H. (convex, remote, power, heated)	Std., Conv. Man. Remote; Opt., Conv. Elec. Remote (Std. with Conv.)
	Visor vanity (RH/LH, illuminated)	Optional, RH/LH Illuminated (N/A Convertible), Std. with LX 5.0L and GT
Navigation system (describe)		N/A
Parking brake-auto release (warning light)		N/A

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

(•) **Model Code/Description**

ALL MODELS

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

Power (•) equipment	Deck lid (release, pull down)		Standard, Pull Lever — Push Button Release
	Door locks (manual, automatic, describe system)		Optional Power Door Locks (Part of Pwr. Lock Grp.); Standard with Convertible
	Seats	2 - 4 - 6 way, etc.	Optional, 4-Way Driver's Seat
		Reclining (R.H., L.H.)	N/A
		Memory (R.H., L.H., preset recline)	N/A
		Support (lumbar, hip, thigh, etc.)	Standard LX 5.0L Models (Exc. Sedan), Cobra and GT Only, Power Lumbar
		Heated (R.H., L.H., other)	N/A
	Side windows		Optional (Standard with Convertible)
	Vent windows		N/A
	Rear windows		N/A
Radio systems	Antenna (location, whip, w/shield, power)		Standard, Whip — Right Front Fender
(•)	Standard		Electronic AM/FM Stereo 24 Watt Output w/All Models except Cobra Electronic AM/FM Stereo with Cassette and Premium Sound w/Cobra
(•)	Optional	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	— Electronic AM/FM Stereo with Cassette & Premium Sound (80 Watts) — Electronic AM/FM Stereo Compact Disc Radio with Premium Sound (80 Watts); without Cassette — Super Sound System (Includes JBL II Amplifier w/Parametric Equalization); Available with Cobra
	Speaker (number, location)		Std. — Four, Two Instr. Pnl. Spkrs. and either 2 Pkg. Shelf Spkrs. w/Sedan or 2 Rear Quarter Pnls. w/Hatchback; Opt. — One Add. Spkr in ea. Door w/ Premium Sound
Roof: open air or fixed (flip-up, sliding, "T")			Optional, Flip-Up with Hatchback Models
Speed control device			Optional
Speed warning device (light, buzzer, etc.)			N/A
Tachometer (rpm)			6000 (Std. with 2.3L); 7000 (Incl. with 5.0L)
Telephone system (describe)			N/A
Theft deterrent system			N/A

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
Max. trailer tongue load (lbs.)	Std/Opt	100
Towing package available	Yes/No	No

* Class I – 2,000 lbs. Class II – 3,500 lbs. Class III – 5,000 lbs.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

METRIC (U.S. Customary)

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.	2-DOOR SEDAN	CONVERTIBLE	2-DR. H'BACK (EXC. GT, COBRA & LX 5.0L)	GT, COBRA & LX 5.0L ONLY — 2-DR. HBK
	Width					
	Tread (front)	W101	1438 (56.6) (a)			1472 (57.9)
	Tread (rear)	W102	1448 (57.0)			
	Vehicle width	W103	1735 (68.3)			
	Body width at Sg RP (front)	W117	1735 (68.3)			
	Vehicle width (front doors open)	W120	3899 (153.5)			
	Vehicle width (rear doors open)	W121	N / A			
	Tumble-home (degrees)	W122	25.2°	25.3°	25.2°	
(•)	Outside mirror width	W410	1821 (71.7)			
	Length					
	Wheelbase	L101	2553 (100.5)			
	Vehicle length	L103	4562 (179.6)			
	Overhang (front)	L104	1016 (40.0)			
	Overhang (rear)	L105	993 (39.1)			
	Upper structure length	L123	2367 (93.2)			2448 (96.4)
	Rear wheel C/L "X" coordinate	L127	2195 (86.4)			
	Height*					
	Passenger distribution (front/rear)	PD1,2,3	2/1			
	Trunk/cargo load		0			
	Vehicle height	H101	1322 (52.1)	1323 (52.1)		
	Cowl point to ground	H114	959 (37.7)			
	Deck point to ground	H138	892 (35.1)	903 (35.6)	907 (35.7)	
	Rocker panel-front to ground	H112	193 (7.6)			
	Rocker panel-rear to ground	H111	170 (6.7)			
	Windshield slope angle (degrees)	H122	58°			
	Backlight slope angle (degrees)	H121	57.3°	54.5°	62.0°	
	Ground Clearance*					
	Front bumper to ground	H102	385 (15.2)			
	Rear bumper to ground	H104	334 (13.2)			
	Bumper to ground front at curb mass (wt.)	H103	391 (15.4)			
	Bumper to ground rear at curb mass (wt.)	H105	394 (15.5)			
	Angle of approach (degrees)	H106	16.8°			
	Angle of departure (degrees)	H107	12.7°			
	Ramp breakover angle (degrees)	H147	12.7°			
	Axle differential to ground (front/rear)	H153	155 (6.1)			
	Min. running ground clearance	H156	115 (4.5)			
	Location of min. run. grd. clear.		Converter Grass Shield			

* 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.

(a) 1472 (57.9) with LX 5.0L 2-Door Sedan and Convertible Models.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Model Code/Description	SAE Ref. No.	2-DOOR SEDAN	CONVERTIBLE	2-DOOR HATCHBACK
Front Compartment				
SgRP front, "X" coordinate	L31	3034 (40.7)		
Effective head room	H61	940 (37.0)	955 (37.6)	940 (37.0)
Max. eff. leg room (accelerator)	L34	1059 (41.7)		
SgRP to heel point	H30	223 (8.8)		
SgRP to heel point	L53	859 (33.8)		
Back angle (degrees)	L40	25°		
Hip angle (degrees)	L42	93.9°		
Knee angle (degrees)	L44	123.3°		
Foot angle (degrees)	L46	87°		
Design H-point front travel	L17	178 (7.0)		
Normal driving & riding seat track trvl.	L23	155 (6.1)		
Shoulder room	W3	1408 (55.5)		
Hip room	W5	1425 (56.1)		
Upper body opening to ground	H50	1204 (47.4)		
Steering wheel maximum diameter*	W9	368 (14.5)		
Steering wheel angle (degrees)	H18	23.1°		
Accel. heel pt. to steer. whl. cntr	L11	513 (20.2)		
Accel. heel pt. to steer. whl. cntr	H17	599 (23.6)		
Undepressed floor covering thickness	H67	20 (0.8)		
Rear Compartment				
SgRP point couple distance	L50	701 (27.6)		
Effective head room	H63	912 (35.9)	939 (37.0)	906 (35.7)
Min. effective leg room	L51	780 (30.7)		
SgRP (second to heel)	H31	257 (10.1)		
Knee clearance	L48	-42 (-1.6)		
Shoulder room	W4	1379 (54.3)	978 (38.5)	1379 (54.3)
Hip room	W6	1196 (47.1)	978 (38.5)	1196 (47.1)
Upper body opening to ground	H51	N / A		
Back angle (degrees)	L41	21°	19°	24°
Hip angle (degrees)	L43	71.8°	70°	75°
Knee angle (degrees)	L45	70°		
Foot angle (degrees)	L47	113°		
Depressed floor covering thickness	H73	20 (0.8)		
Luggage Compartment				
Usable luggage capacity L (cu. ft.)	V1	283 (10.0)	181 (6.4)	354 (12.2)
Liftover height	H195	759 (29.9)		
Interior Volumes (EPA Classification)				
Vehicle class		Subcompact		
Interior volume index including trunk/cargo (cu. ft.)**		93.5	82.1	95.5
Trunk/cargo index (cu. ft.)		10.0	6.4	12.2

* See page 14.
** See definition page 33.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line MUSTANG •
Model Year 1993 Issued 6/15/92 Revised (•)

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

Model Code/Description		2-DOOR HATCHBACK
Station Wagon/MPV* – Third Seat	**SAE Ref. No.**	**(NOT APPLICABLE)**
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 $m^3(ft.^3)$	V2	
Hidden cargo volume index $m^3(ft.^3)$	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		
Cargo length at front seatback height	L208	968 (38.1)
Cargo length at floor (front)	L209	1666 (65.6)
Cargo length at second seatback height	L210	455 (17.9)
Cargo length at floor (second)	L211	831 (32.7)
Front seatback to load floor height	H197	467 (18.4)
Second seatback to load floor height	H198	389 (15.3)
Cargo volume index $m^3(ft.^3)$	V3	.85 (30)
Hidden cargo volume index $m^3(ft.^3)$	V4	N / A
Cargo volume index-rear of 2-seat	V11	.35 (12.2)

All linear dimensions are in millimeters (inches) unless otherwise noted.
* MPV - Multipurpose Vehicle

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

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 grid and is located at the 444 (17.5) line. (Front Location) X = 444 (17.5) Y = 737 (29) Z = -27.9 (-1.1)
Front(2)	
Rear(1)	(Rear Location) X = 1295 (51) Y = 737 (29) Z = -35.6 (-1.4)
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 grid 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**	737 (29)
	L54**	444 (17.5)
	H81**	-27.9 (-1.1)
	H161**	—
	H163**	—
Rear	W22**	737 (29)
	L55**	1295 (51)
	H82**	-35.6 (-1.4)
	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.

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line MUSTANG

Model Year 1993 Issued 6/15/92 Revised (*) _____

Code	Model	Vehicle Mass (weight) CURB MASS, kg. (lb.)* Front	Rear	Total	SHIPPING MASS kg(lb)***	ETWC** Code	% PASS MASS DISTRIBUTION Pass in Front Front	Rear	Pass in Rear Front	Rear
2.3L Engine — Code 99A/										
5-Spd. Man. Trans. — Code 445										
99A/445	66(BA)/HVS	703	545	1248	1195	R	45	55	19	81
LX Series		(1549)	(1202)	(2751)	(2634)					
2-Door Sedan										
99A/445	61(DA)/HVS	701	574	1275	1222	R	45	55	19	81
LX Series		(1546)	(1266)	(2812)	(2695)					
2-Door Hatchback										
99A/445	68(BA)/HVS (B2L)	741	607	1348	1295	T	45	55	19	81
LX Series		(1634)	(1339)	(2973)	(2856)					
2-Door Convertible										
2.3L Engine — Code 99A/										
4-Spd. Auto. Trans. — Code 44L										
99A/44L	66(BA)/HVS	711	556	1267	1214	R	45	55	19	81
LX Series		(1568)	(1226)	(2794)	(2677)					
2-Door Sedan										
99A/44L	61(DA)/HVS	710	585	1295	1242	R	45	55	19	81
LX Series		(1565)	(1290)	(2855)	(2738)					
2-Door Hatchback										
99A/44L	61(BA)/HVS (B2L)	750	618	1368	1315	T	45	55	19	81
LX Series		(1653)	(1363)	(3016)	(2899)					
2-Door Convertible										
5.0L Engine — Code 99E/										
5-Spd. Man. Trans. — Code 445										
99E/445	66(BA)/HVS	819	558	1377	1319	T	45	55	19	81
LX Series		(1805)	(1230)	(3035)	(2907)					
2-Door Sedan										
99E/445	61(DA)/HVS	817	587	1404	1346	N/A	45	55	19	81
LX Series		(1802)	(1294)	(3096)	(2968)					
2-Door Hatchback										

* 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:

53 (117) w/2.3L Engine

58 (128) w/5.0L Engine

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line MUSTANG

Model Year 1993 Issued 6/15/92 Revised (•)

		Vehicle Mass (weight)					% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg(lb)***	ETWC** Code	Pass in Front		Pass in Rear	
Code	Model	Front	Rear	Total			Front	Rear	Front	Rear
99E / 445	66(BA)/HVS (B2L)	857	621	1478	1420	N/A	45	55	19	81
LX Series		(1890)	(1369)	(3259)	(3131)					
2-Door Convertible										
5.0L Engine — Code 99E/										
5-Spd. Auto. Trans. — Code 44T										
99E/44T	66(BA)/HVS	827	568	1395	1337	U	45	55	19	81
LX Series		(1823)	(1253)	(3076)	(2948)					
2-Door Sedan										
99E/44T	61(DA)/HVS	817	587	1404	1346	N/A	45	55	19	81
LX Series		(1802)	(1294)	(3096)	(2968)					
2-Door Hatchback										
99E/44T	66(BA)/HVS (B2L)	865	630	1495	1437	N/A	45	55	19	81
LX Series		(1906)	(1389)	(3295)	(3167)					
2-Door Convertible										
5.0L Engine — Code 99E/										
5-Spd. Man. Trans. — Code 445										
99E/445	61(DA)HVB	834	592	1426	1388	U	45	55	19	81
GT Series		(1839)	(1385)	(3144)	(3016)					
2-Door Hatchback										
99E/445	66(BA)/HVS (B2L)	872	654	1526	1488	V	45	55	19	81
GT Series		(1923)	(1442)	(3365)	(3237)					
2-Door Convertible										
5.0L Engine — Code 99E/										
4-Spd. Auto. Trans. — Code 44T										
99E/44T	61(DA)/HVB	858	598	1456	1398	V	45	55	19	81
GT Series		(1891)	(1319)	(3210)	(3082)					
2-Door Hatchback										
99E/44T	66(BA)/HVB (B2L)	896	660	1556	1498	W	45	55	19	81
GT Series		(1975)	(1456)	(3431)	(3303)					
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:

58 (128) w/5.0L Engine

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line MUSTANG

Model Year 1993 Issued 6/15/92 Revised (•) 10/30/92

		Vehicle Mass (weight)					% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg(lb)***	ETWC** Code	Pass in Front		Pass in Rear	
	Code Model	Front	Rear	Total			Front	Rear	Front	Rear
(•)	5.0L SHP Engine — Code 99D/									
	5-Spd. Man. Trans. — Code 445									
	99D/445 61(DA)/HVB	850	626	1476	1418	N/A	45	55	19	81
	Cobra Series	(1874)	(1381)	(3255)	(3127)					
	2-Door Hatchback									

* 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/5.0L engine

MVMA Specifications

METRIC (U.S. Customary)

Vehicle Line MUSTANG
Model Year 1993 Issued 6/15/92 Revised (•)

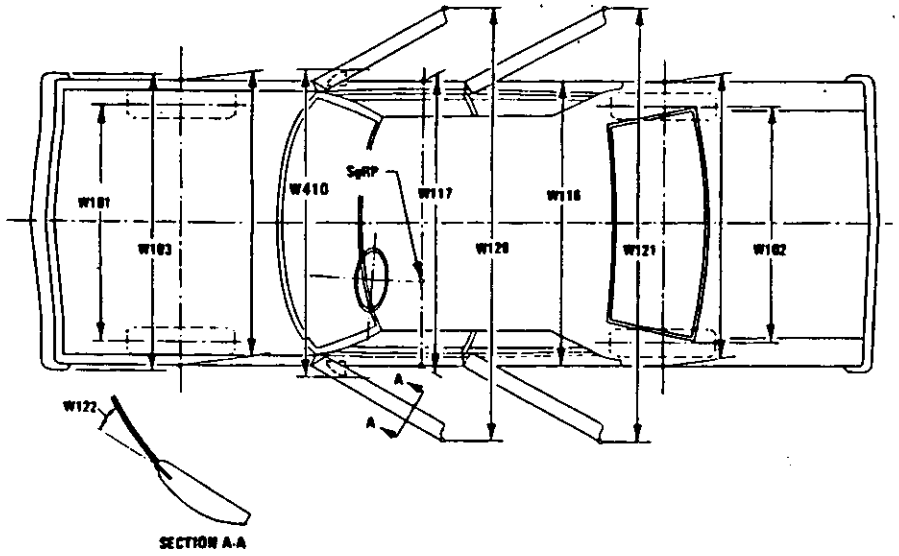
Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
Wheels:					
64W	Wheels, Cast Aluminum	1.18	1.47	2.65	Avail. LX Models Only,
		(2.6)	(3.25)	(5.85)	Incl. P205/65R15 Tires
64J	Wheels, Styled Steel/Polycast	3.2	3.2	6.4	Avail. LX Models Only
		(7.1)	(7.1)	(14.2)	
Miscellaneous Options:					
Air Conditioning:					
572	with Manual Temp. Control	20.4	–1.8	18.6	
	& 2.3L Engine with 5-Spd. Man.	(45)	(–4)	(41)	
572	with Manual Temp. Control	20.4	–1.8	18.6	
	& 2.3L Engine with 4-Spd. Auto.	(45)	(–4)	(41)	
572	with Manual Temp. Control	20.0	–1.8	18.2	
	& 5.0L Engine	(44)	(–4)	(40)	
57Q	Defroster, Rear Window	0	0.45	0.45	N/A on Convertible
		(0)	(1)	(1)	
217	Power Driver Seat; 4-Way	3.2	0	3.2	Driver's Side Only
		(7)	(0)	(7)	
Radio Systems:					
588	Electronic AM/FM Stereo w/Cass. & Clock	0.45	0.45	0.9	
	with Premium Sound	(1)	(1)	(2)	
58Y	Delete — Std. Radio	–2.7	–1.4	–4.1	
		(–6)	(–3)	(–9)	
61A	Power Equipment Group	4.08	2.27	6.35	Incl. Dual Electric Exterior Mirrors,
		(9)	(5)	(14)	Pwr. Side Windows & Pwr. Door Locks

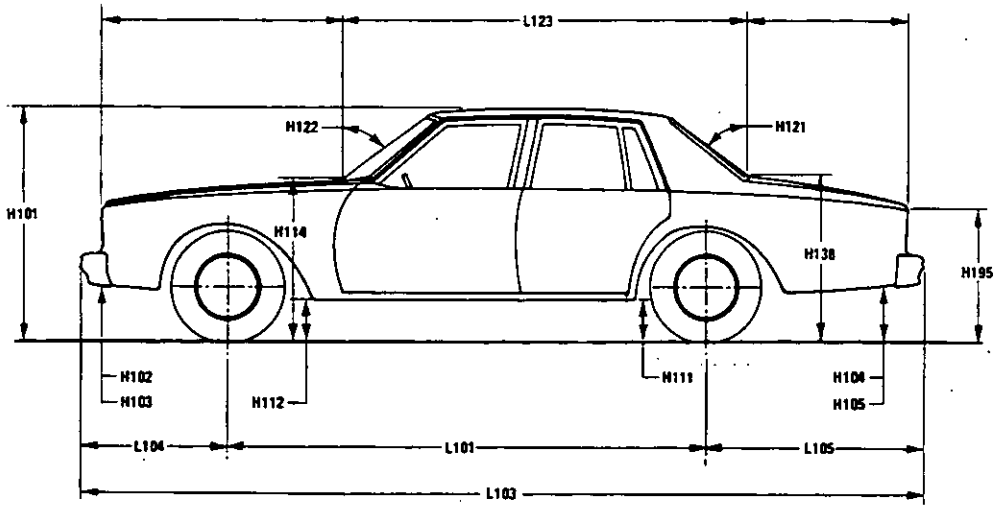
* Also see Engine - General Section for dressed engine mass (weight).

Exterior Vehicle And Body Dimensions – Key Sheet

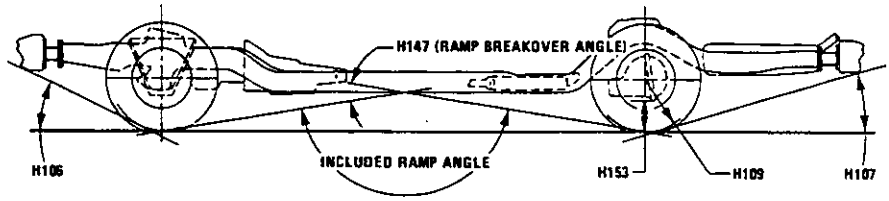
Exterior Width



Exterior Length & Height



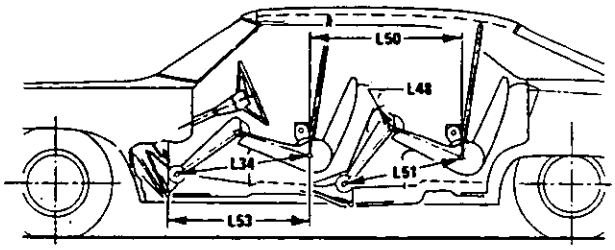
Exterior Ground Clearance

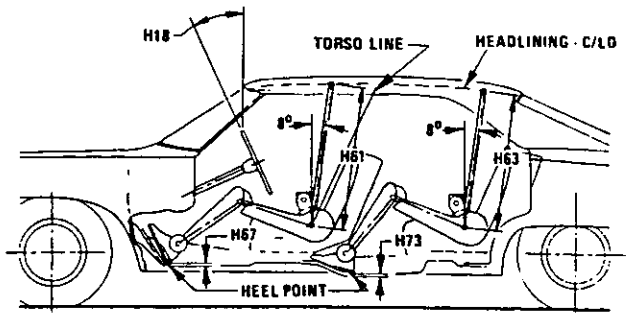


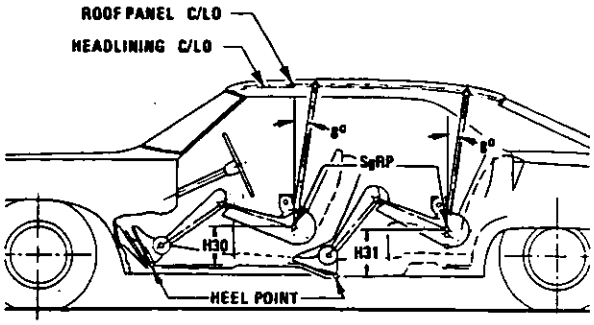
MVMA Specifications Form

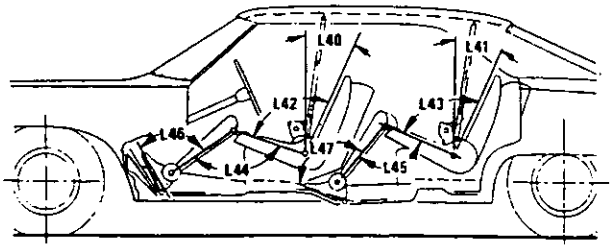
METRIC (U.S. Customary)

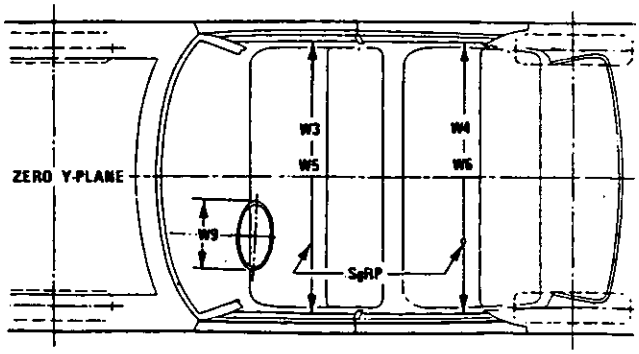
Interior Vehicle And Body Dimensions – Key Sheet

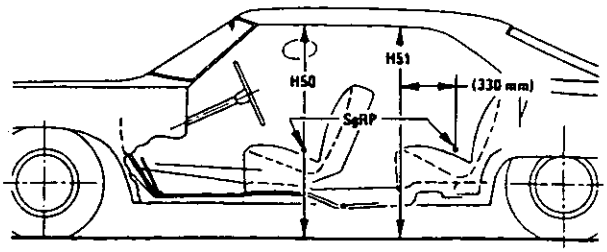






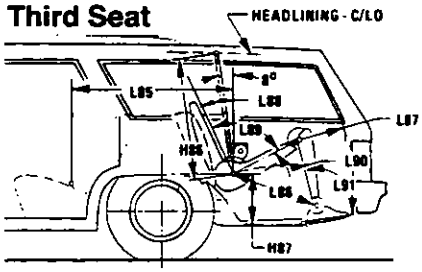


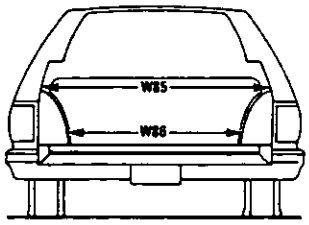




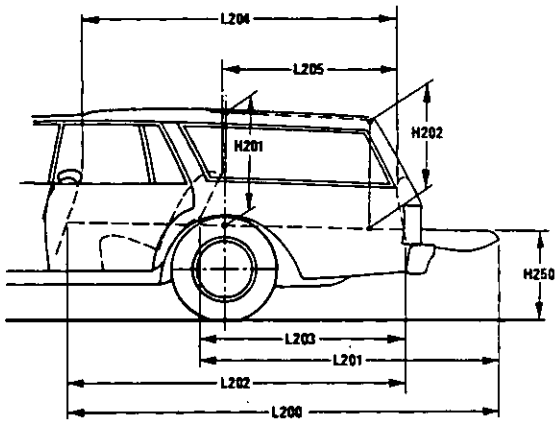
Interior Vehicle And Body Dimensions – Key Sheet

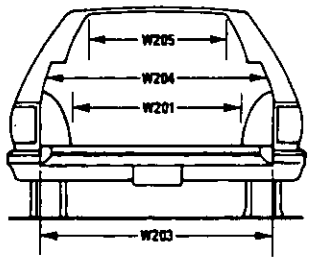
Third Seat



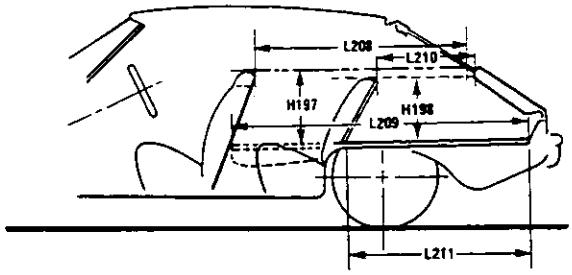


Cargo Space

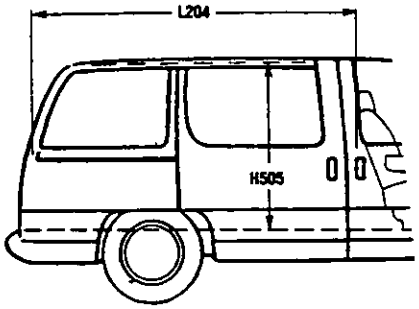


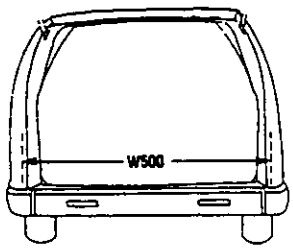


Station Wagon



Hatchback





Multipurpose Vehicle

Exterior 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 front doors in maximum hold-open position.

W121 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

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L103 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.

L104 OVERHAND – FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 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.

L123 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 STATIC LOAD – 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 BUMPER TO GROUND – CURB MASS (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 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.

MVMA 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.
W82 "Z" coordinate.
H162 Height "Z" coordinate to ground at curb weight.
H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

L11 ACCELERATOR HEEL 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.

L-40 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.

L-42 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 (4.0in.).

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

L-41 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.

MVMA Specifications

METRIC (U.S. Customary)

Interior 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 Volume 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.

H86 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.).

H87 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 undepressed floor covering to the rearmost point on the undepressed 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 undepressed floor covering to the rearmost point on the undepressed 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 undepressed floor covering to the rearmost point on the undepressed 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 undepressed floor covering to the rearmost point on the undepressed 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 at the 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 wheelhousings 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 undepressed floor covering.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed 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 undepressed 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 undepressed 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.

Interior Vehicle And Body Dimensions – Key Sheet
Dimensions Definitions

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

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.

V5 TRUCKS AND MPV'S WITH OPEN AREA.

Measured in inches:

$$\frac{L506 \times W505 \times H503}{1728} = ft^3$$

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = m^3 \text{ (cubic meter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.

Measured in inches:

$$\frac{L204 \times W500 \times H505}{1728} = ft^3$$

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = m^3 \text{ (cubic meter)}$$

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.

V10 STATION WAGON CARGO VOLUME INDEX.

Measured in inches:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = ft^3$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = m^3 \text{ (cubic meter)}$$

Hatchback – Cargo Space Dimensions

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).

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.

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.

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 stowed 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.

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.

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.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.

Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

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.

V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor:

Measured in inches:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = m^3 \text{ (cubic meter)}$$

MVMA Specifications

METRIC (U.S. Customary)

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