MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1992

Manufacturer	Vehicle Line	
FORD MOTOR COMPANY	MUSTANG	
Mailing Address		
P.O. BOX 2053 DEARBORN, MICHIGAN 48121	Issued AUGUST 15, 1990	Revised MARCH 15, 1991

Direct questions concerning these specifications to the manufacturer listed above.

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Motor Vehicle Manufacturers Association of the United States, Inc.

Forms Provided by Technical Affairs Division

FORM MVMA-92

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (●) _____

METRIC (U.S. Customary)

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)
LX MODEL (RWD)					
2-Door Sedan		66(BA)/HVS	2/2	45.4 (100)	
2-Door Convertible		66(BA)/HVS (B2L)	2/2	45.4 (100)	
2-Door Hatchback		61(DA)/HVS	2/2	45.4 (100)	
LX 5.0L MODEL (RWD)					
2-Door Sedan		66(BA)/HVS	2/2	45.4 (100)	
2-Door Convertible		66(BA)/HVS (B2L)	2/2	45.4 (100)	
2-Door Hatchback		61(DA)/HVS	2/2	45.4 (100)	
GT MODEL (RWD)					
2-Door Convertible		66(BA)/HVS (B2L)	2/2	45.4 (100)	
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 (in³)		2.3 (140)	2.3 (1.40)	5.0 (302)	5.0 (302)
	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					
	SAE Net at RPM	Power kW (bhp)				
		Torque N · m (lb. ft.)				
	Exhaust single, dual		Single	Single	Dual	Dual
TRANS	Transmission/ Transaxle		5-Spd. Man. T50D Transmission	4-Spd. Auto. A4LD-PE Transmission	5-Spd. Man. T50D Transmission	4-Spd. Auto. AOD Transmission
	Axle Ratio (std. first)		3.45	3.73	2.73T, 3.08T	2.73T, 3.27T

T50D — 5-Speed Manual Overdrive
A4LD-PE — 4-Speed Automatic Overdrive
AOD — 4-Speed Automatic Overdrive

T — Traction-Lok Included

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

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Engine Description **Engine Code**	2.3L

ENGINE — GENERAL

(See Page 3A for 5.0L)

Type & 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		473.8 (18.6)
Deck clearance (minimum) (above or below block)		0.178 (0.007) Above
Cylinder head material & mass kg (lbs.)		Cast Iron & 24.5 (54)
Cylinder head volume cm³ (inches³)		58.6 (3.58)
Cylinder liner material		N/A
Head gasket thickness (compressed)		1.09 (0.043)
Minimum combustion chamber total volume cm³ (inches³)		76.9
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 & 5.4 (11.9)
Exhaust manifold material & mass kg (lbs.)**		Nodular Cast Iron & 4.2 (9.3)
∅ 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.)	None
Total dressed engine mass (wt) dry***		174.3 (384.3)

Engine — Pistons

Material & mass, g (weight, oz.) - piston only	Hypereutectic Aluminum Alloy, 396 (14.0)

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 & 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.)	None
Total dressed engine mass (wt) dry***		244 (536.9)

Engine — Pistons

Material & mass, g (weight, oz.) - piston only	Forged Aluminum Alloy, 588 (20.74)

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

		2.3L	5.0L
Hydraulic lifters (std., opt., n.a.)		Standard with Roller Tappets	Standard with Roller Tappets
Valves	Number intake/exhaust	4/4	8/8
	Head O.D. intake/exhaust	44 (1.73)/38 (1.50)	45.2 (1.78)/36.8 (1.45)

Engine — Connecting Rods

	2.3L	5.0L
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

		2.3L	5.0L
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

	2.3L	5.0L
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.)	4.73 (5.0), Less 0.95 (1.0)	3.8 (4.0) Plus 0.9 (1.0) for Filter

Engine — Diesel Information (NOT OFFERED)

		2.3L	5.0L
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)

	2.3L	5.0L
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)		No	
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	
Fan	Std., elec., opt.	Electric	
	Number of blades & type (flex, solid, material)	Four Uneven (Plastic)	
	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

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
Fan	Std., elec., opt.	Standard
	Number of blades & type (flex, solid, material)	9, Even, Plastic/Steel
	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)	1.4 (42) + 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.)	Aluminized 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, Catalyst
		Point of entry	Cylinder Head Exhaust Ports, 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
	Catalytic Converter	Type	TWC + COC
		Number of	Four (Two — TWC + Two — COC)
		Location(s)	TWC — Toeboard and COC — Underbody
		Volume L (in³)	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/cm³)	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

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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-Stage, Springs and Friction Material

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

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•) _____

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)

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 1992 Issued 8/15/90 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
Gear selector	Location (column, floor, other)	Floor
	Ltr./No. designation (e.g. PRND21)	P R N (D) D 2 1
	Shift interlock (yes, no, describe)	No
Gear ratios	1st	2.47
	2nd	1.47
	3rd	1.00
	4th	0.75
	5th	—
	6th	—
	Reverse	2.11
Max. upshift speed - drive range km/h (mph)		107 (66)
Max. kickdown speed - drive range km/h (mph)		99 (62)
Min. overdrive speed km/h (mph)		56 (35)
Torque converter	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
Lubricant	Capacity refill L (pt.)	9.0 (19)
	Type recommended	ESP-M2C166-H (Mercon® WSP-M2C185-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 1992 Issued 8/15/90 Revised (●)

METRIC (U.S. Customary)

Engine Description **Engine Code**	5.0L

Automatic Transmission/Transaxle

Trade name		Automatic Overdrive (AOD)	
Type and special features (describe)		4-Speed with Lock-Up Torque Converter, Planetary Gear Set	
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	
Gear ratios	1st	2.40	
	2nd	1.47	
	3rd	1.00	
	4th	0.67	
	5th	—	
	6th	—	
	Reverse	2.00	
Max. upshift speed - drive range km/h (mph)		125 (78.0) (a)	108 (67.3) (b)
Max. kickdown speed - drive range km/h (mph)		107 (66.3) (a)	92 (57.4) (b)
Min. overdrive speed km/h (mph)		67 (41.5) (a)	64 (39.5) (b)
Torque converter	Number of elements	Three	
	Max. ratio at stall	2.30	
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	305 (12)	
	Capacity factor "K"*	140	
Lubricant	Capacity refill L (pt.)	11.7 (24.7)	
	Type recommended	ESP-M2C138-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.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 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-M2C154-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		69.85 x 1155.7 x 1.65 (2.75 x 45.5 x .065)
	Manual 6-speed transmission		N/A
	Overdrive		N/A
	Automatic transmission 4-SPD., 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 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
		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 1992 Issued 8/15/90 Revised (•)

METRIC (U.S. Customary)

Engine Description	5.0L
Engine Code	

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Axle ratio (or overall top gear ratio)		2.73:1	3.08	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-M2C154-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
		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 1992 Issued 8/15/90 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)		(Coil) 243.4 (9.6) & 89.0 (3.50), 2956 (116.4) x 15.6 (0.61)
	Spring rate [N/mm (lb./in.)]		65.0 (370)
	Rate at wheel [N/mm (lb./in.)]		28.9 (165)
Ⓘ Stabilizer	Type (link, linkless, frameless)		Link; Teflon Lined Rubber Side Rail Insulator
	Material & OD 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)		(Coil) 196 (7.7) and 102 (4.02), 2984 (117.5) and 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 & OD bar/tube, wall thickness		N/A
Track bar (type)			None

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•)

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 Springs Mounted on Lower Control Arms
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) and 89.0 (3.50), 3251 (128) x 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 & OD bar/tube, wall thickness		SAE 1090 Steel & 33.0 (1.30) Bar

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 Coil; 196 (7.7) and 102 (4.02), 2832 (111.5) and 14.36 (.56) to 11.27 (.44)
	Spring rate [N/mm (lb./in.)]		Variable 35 (200) to 52.5 (300)
	Rate at wheel [N/mm (lb./in.)]		Variable 25 (143) to 37.5 (214)
	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 & OD bar/tube, wall thickness		SAE 5160 Steel & 20 (0.79) Bar & 21 (0.83) Bar & SAE 1090 Steel & 17 (.67) Bar
Track bar (type)			None

(a) Horizontal Rear Dampers Hydraulic with Gas Cell.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•) _____

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
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 Bore 21 (0.83), Fast Fill Bore 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)
Brake lining — 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

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•)

METRIC (U.S. Customary)

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

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
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 Diaphragm, Integral, Vacuum
Vacuum	Source (inline, pump, etc.)		Inline
	Reservoir (volume in.³)		N/A
	Pump-type (elec., gear driven, belt driven)		N/A
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)*			246 (38.1)/332 (51.4)
Gross lining area cm²(in.²)**(F/R)			263 (40.8)/332 (51.4)
Swept area cm²(in.²)***(F/R)			1400 (217)/638.7 (99)
Rotor	Outer working diameter	F/R	275.4 (10.84)/N/A
	Inner working diameter	F/R	179.5 (7.16)/N/A
	Thickness	F/R	26.2 (1.03)/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 Bore 21 (0.83), Fast Fill Bore 30.2 (1.19)/40 (1.57)
Pedal arc ratio			3.5:1
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]			11,100 (1610)
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
Brake lining — 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 (0.067)

*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

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•) 3/15/91

METRIC (U.S. Customary)

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

Tires And Wheels (Standard)

(SEE PAGE 13A FOR 5.0L ENGINE)

Tires	Size (load range, ply)		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)		1295.5 (805)
Wheels	Type & material		Stamped Steel
	Rim (size & flange type)		(14 x 5.5) JJ
	Wheel offset		14 (0.55)
	Attachment	Type (bolt or stud)	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)

Tire size (load range, ply)	
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)
(•) Tire size (load range, ply)	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
Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	

Brakes — Parking

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

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•)

METRIC (U.S. Customary)

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

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P225/55ZR16 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)		
Wheels	Type & material		Aluminum (5-Spoke)
	Rim (size & flange type)		16 x 7
	Wheel offset		22.4 (0.88)
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	4.25
		Number & size	Four — 12.7 (.50) — 20 Thd
Spare	Tire and wheel		T135/70D16, 415 kPa (60 PSI), Stl. Whl. 406x102 (16x4) Mini
	Storage position & location (describe)		Flat Position, Deep Well in Trunk

Tires And Wheels (Optional) (NOT OFFERED)

Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
Type (bias, radial, steel, nylon, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Tire size (load range, ply)	
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 1992 Issued 8/15/90 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-M2C138CJ	
	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.
***Rack Speed

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•)

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.)	− 0.6° ± 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)
	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)
	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)
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.)	N/A	

*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 Straight Ahead Position After Toe Setting

Electrical — Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)		Analog, Standard
	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 cm²(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			

(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 1992 Issued 8/15/90 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
	Amp/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 1992 Issued 8/15/90 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
	Amp/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.)	3.3:1 (3.00:1 with A/C)
	Output at idle (rpm, park)	
	Optional (type & rating)	N/A
Regulator	Type	Electronic with Integral Regulator

Electrical — Starting System

Motor	Manufacturer	Motorcraft
	Current drain ___ °C(°F)	290-315 Amps.
	Power rating kw (hp)	1.3 (1.7)
Motor drive	Engagement type	Positive (E4AF-11001-AA)
	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

METRIC (U.S. Customary)

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (•) _____

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)
Hatch-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 Flexolator-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 Seats Standard with LX 5.0L Models Exc. Sedan and GT.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 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.) Standard/optional	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
		Third seat	N/A	N/A	N/A
Passive	Type & description (air bag, motorized - 2-point belt, fixed belt, knee bolster, manual - lap belt) Standard/optional	First seat	Supplemental Air Bag (Inflated with Nitrogen Gas)	N/A	N/A
		Second seat	N/A	N/A	N/A
		Third seat	N/A	N/A	N/A

Glass

	SAE Ref. No.			
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)
Windshield glass (type)		Laminated		
Side glass (type)		Tempered		
Backlight glass (type)		Tempered		

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)

IVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 Revised (●)

ETRIC (U.S. Customary)

gine Code/Description	2.3L	5.0L

imate Control System

conditioning (std., opt., man., auto.)		Optional, Manual Temperature Control	
ndenser	Type	Tube and Fin	
	Eff. face area (sq. mm.)	228380	
	Fins per inch	11	
aporator	Type	Shell and Plate	
	Eff. face area (sq. mm.)	38710	
	Fins per inch	14	
ater core	Material	Copper/Brass	
	Eff. face area (sq. mm.)	30320	
	Fins per inch	13	
mpressor	Type	Swashplate	
	Displacement (cc.)	153	148
	Manufacturer	Nippondenso	
	A/C pulley ratio	0.95:1	1.20:1
ccumulator	Type	Domed	
	Height (mm.)	178	
	Diameter (mm.)	89	
eceiver	Type	N/A	
	Height (mm.)	—	
	Diameter (mm.)	—	
efrigerant control (CCOT, TVS, etc.)		CCOT	
eater water valve (yes/no)		No	
efrigerant (R - 12, R - 134a, etc.)		R-12	
harge level (lbs. - oz.)		2-2	
old engine lockout switch (yes/no)		No	
/ide open throttle cutout switch (yes/no)		Yes	

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 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
Defroster, elec. 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 1992 Issued 8/15/90 Revised (•) 3/15/91

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 Driver Only, 4-Way
		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) 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
	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 (Includes Additional Speaker in Each Door) Graphic Equalizer (Includes Integral Premium Sound Additional Speaker in Each Door
	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 1992 Issued 8/15/90 Revised (•) 3/15/91

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 & LX 5.0L)	GT & LX 5.0L ONLY 2-DR. H'BACK
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 SgRP (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				
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	2/2			
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.
Manufacturers 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) 57.9 with LX 5.0L 2-Door Sedan and Convertible Models

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 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 General Section for definition.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line MUSTANG
Model Year 1992 Issued 8/15/90 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 1992 Issued 8/15/90 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 1992 Issued 8/15/90 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	723	536	1259	1206	R	45	55	19	81
LX Series		(1593)	(1182)	(2775)	(2658)					
2-Door Sedan										
99A/445	61(DA)/HVS	720	566	1286	1232	R	45	55	19	81
LX Series		(1587)	(1247)	(2834)	(2717)					
2-Door Hatchback										
99A/445	66(BA)/HVS (B2L)	761	598	1359	1304	T	45	55	19	81
LX Series		(1677)	(1319)	(2996)	(2875)					
2-Door Convertible										
2.3L Engine — Code 99A/										
4-Spd. Auto. Trans. — Code 44L										
99A/44L	66(BA)/HVS	736	539	1275	1222	R	45	55	19	81
LX Series		(1623)	(1187)	(2810)	(2693)					
2-Door Sedan										
99A/44L	61(DA)/HVS	733	568	1301	1248	R	45	55	19	81
LX Series		(1617)	(1252)	(2869)	(2752)					
2-Door Hatchback										
99A/44L	66(BA)/HVS (B2L)	774	601	1375	1322	T	45	55	19	81
LX Series		(1707)	(1324)	(3031)	(2914)					
2-Door Convertible										
5.0L Engine — Code 99E/										
5-Spd. Man. Trans. — Code 445										
99E/445	66(BA)/HVS	814	551	1365	1307	T	45	55	19	81
LX Series		(1796)	(1214)	(3010)	(2882)					
2-Door Sedan										
99E/445	61(DA)/HVS	812	580	1392	1334	N/A	45	55	19	81
LX Series		(1790)	(1279)	(3069)	(2941)					
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.

***Shipping Mass (Weight) Definition — Less Fuel and Engine Coolant

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 1992 Issued 8/15/90 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
99E/445	66(BA)/HVS (82L)	853	613	1466	1408	N/A	45	55	19	81
LX Series		(1880)	(1351)	(3231)	(3103)					
2-Door Convertible										
5.0L Engine — Code 99E/										
4-Spd. Auto. Trans. — Code 44T										
99E/44T	66(BA)/HVS	838	557	1395	1337	U	45	55	19	81
LX Series		(1848)	(1228)	(3076)	(2948)					
2-Door Sedan										
99E/44T	61(DA)/HVS	835	587	1422	1364	N/A	45	55	19	81
LX Series		(1842)	(1293)	(3135)	(3007)					
2-Door Hatchback										
99E/44T	66(BA)/HVS (B2L)	876	619	1495	1437	N/A	45	55	19	81
LX Series		(1932)	(1365)	(3297)	(3169)					
2-Door Convertible										
5.0L Engine — Code 99E/										
5-Spd. Man. Trans. — Code 445										
99E/445	61(DA)/HVB	834	592	1426	1368	U	45	55	19	81
GT Series		(1839)	(1305)	(3144)	(3016)					
2-Door Hatchback										
99E/445	66(BA)/HVS (B2L)	872	654	1526	1468	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.

***Shipping Mass (Weight) Definition — Less Fuel and Engine Coolant

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 1992 Issued 8/15/90 Revised (•) 3/15/91

Optional Equipment Differential Mass (weight)*

Code	Equipment	MASS, kg. (lb.) Front	Rear	Total	Remarks Restrictions, Requirements
	Wheels:				
65M	— Wheels, Steel/Polycast	2.25	2.25	4.5	Avail. LX Models Only
		(5)	(5)	(10)	
654	— Wheel Covers, Wire Type	0.45	0.45	0.9	Avail. LX Models Only
		(1)	(1)	(2)	
	Miscellaneous Options:				
	Air Conditioning				
572	— with Manual Temp. Control & 2.3L Engine with 5-Spd. Man.	20.4	−1.8	18.6	
		(45)	(−4)	(41)	
572	— with Manual Temp. Control & 2.3L Engine with 4-Spd. Auto.	20.4	−1.8	18.6	
		(45)	(−4)	(41)	
572	— with Manual Temp. Control & 5.0L Engine	20.0	−1.8	18.2	
		(44)	(−4)	(40)	
57Q	— Defroster, Rear Window	0	0.45	0.45	N.A. on Convertible
		(0)	(1)	(1)	
(•)	— Power Driver Seat, 4-Way				
963	— Power Lock Group	1.8	0.9	2.7	
		(4)	(2)	(6)	
64R	— Power, Door Side Windows	1.8	0.9	2.7	
		(4)	(2)	(6)	
	Radio Systems:				
	Radio Electronic	0.45	0.45	0.9	
589	— AM/FM Stereo w/Cass. & Clock	(1)	(1)	(2)	
913	— Sound System, Premium	1.8	.45	2.25	
		(4)	(1)	(5)	
58Y	— Delete — Std. Radio	−2.7	−1.4	−4.1	
		(−6)	(−3)	(−9)	

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