muma

MOTOR VEHICLE Specifications

METRIC (U.S. Customary)

Passenger Car

1984

Manufacturer	Car Line		
FORD MOTOR COMPANY	MUSTANG		
Mailing Address			
P.O. BOX 2053			
DEARBORN, MICHIGAN 48121	SEPTEMBER, 1983		

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

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NOTE:

- 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 dimesions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
- The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
- Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

Car Line MUSTANG

Model Year 1984 Issued 9/83 Revised (*)

Car Models

	Model Description FWD/RWD	Introduction Date	Make, Ca Series, Boo (Migr's Mod	dy Type	No. of Designated Seating Positions (Front/Rear)	Max. Trur Load — Ki (Poul	ilograms
%	BASE L-MODE	<u>r</u>					,
	2-Door Seda	n	66В		2/2	45.4	(100)
	3-Door Sedar	ņ	61 B		2/2	45.4	(100)
%	LX-MODEL					·	
	2-Door Seda	n	66В	(BYB)	2/2	45.4	(100)
	2-Door Conv	ertible	66В	(B2L)	2/2	45.4	(100)
	3-Door Seda	n	61B	(ВУВ	2/2	45.4	(100)
%	GT-MODEL						;t
	2-Door Conv	ertible	66B	(B2L)	2/2	45.4	(100)
	3-Door Seda	n .	61B	(B8D)	2/2	45.4	(100)
%	SVO-MODEL						
	3-Door Seda	n .	61B	(B8G)	2/2	45.4	(100)

% Rear Wheel Drive (RWD)

Car Line	MUSTANG				
Model Year	1984	lssued	9/83	Revised (*)	

Power Teams (Indicate whether standard or optional)

SAE J1349 Net bhp (brake horsepower) and net torque connected to 77° F/25° C and 29.61 in. Hg/100 Kpa atmospheric pressure.

			ENGINE	·-		E		
SERIES	Dient	Dispi. Carb. SAE Net at RPM		at RPM	h a	TRANSMISSION	AXLE RATIO	
AVAILABILITY	Liters (in ³)	(Barrels, FI, etc.)	Compr. Ratio	kW (bhp)	Torque N - m (lb. ft.)	u s t S/D	TRANSAXLE	(std. first)
						CAN!	DA/ALTITUDE	. e
A11 (b)	2.3 (140)	10	9.0	66 (88) 4000 131	165 (122) 2400 210	s	M4WR AT3	3.08*, 3.45-T 3.27*, 3.45-T
3-DR SVO	2.3 Turbo	EFI	8.0	(175) 4400 108	(155) 3000 244	S	M50D	3.45-T
A11	2.3 Turbo	EFI OHC	8.0	(145) 4600	(180) 3600	S	M50D	3.45-T
A11	3.8 (232)	CFI %	8.6	123	332	s	AT3 AOD %	2.73-T 3.08*, 3.45-T
A11	5.0 но (302)	CFI	8.3	(165) 3800 131	(245) 2000 332	s	AOD	3.27-T
A11	5.0 но (302)	4V	8.3	(175) 4000	(245) 2200	D	M50D	3.08-T, 3.27-T
AT3 - Autor M4WR - Manua M50D - Manua (b) - Excep (T) - Trace SVO - Spece % - Not A a - Avai		nsmiss ission ission tible k le Opt Canad	ion 3- 4-Spe 5-Spe ion ia	Speed ed Ove	rdriv			

Car Line MUSTANG

Model Year 1984 issued 9/83 Revised (*)

Engine Description/Carb. Engine Code	2.3L/1V (140 CID)	2.3L/E.F.I. TURBO

ENGINE - GENERAL

		Inline-Front-Longitudinal
Type & description (inline, V, angle, flat, location, front, mid, rear,		Single Overhead Camshaft Engine with Modified Wedge
rat, rocation, front, n transverse, longitud		Combustion Chamber
ohv, hemi, wedge, p		Compast to 1 Citalipot
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 mate	rial	Cast Iron
Cylinder block deck	height	212.55 (8.36)
Deck clearance (mi		
(above or below blo	ck)	0.178 (0.007) Above
Cylinder head mate	riał	Cast Iron
Cylinder head volur	ne (cm ³)	61.3
Head gasket thickn	ess	,
(compressed)		1.09 (0.043)
Minimum combustio	on chamber	
total volume (cm ³)		76.9
Cyl. no. system	L. Bank	
(front to rear) *	R. Bank	<u></u>
Firing order		1, 3, 4, 2
Recommended fuel (leaded, unleaded, diesel)		Unleaded
Fuel antiknock index (R + M)		•
2	Ì	87 Minimum Octane
Total dressed engin	e mass (wt) drv**	155 (341) Manual, 140 (308) Automatic 399 Lbs.

Engine — Pistons

Engine — Pistons		
Material & mass, g	Aluminum Alloy-SAE 332	Forged Aluminum Alloy
(weight, oz.) piston	500 (17.6)	480 (16.9)

Engine - Camshaft

Location		Cylinder Head	
Material (kg., we	ight, lbs.)	Hardenable Cast Iron	
	Chain/belt	Belt	
Drive type	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.

[&]quot;Dressed engine mass (weight) includes the following: Front End Dress, All Engine Mounted Components & Flex Plate; No Oil, Coolant or Starter.

Car Line	MUSTANG			
Model Year_	1984	_Issued	9/83	Revised (*)
MICUCI I CAI				

Engine	Description/Carb.
Engine	Code

ENGINE - GENERAL

3.8L	/2V
(232	CID)

Onou

3.8L/C.F.I.

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sonc, donc, ohv, hemi, wedge, pre-camber, etc.)	Modified Wedge Combustion Chamber
No. of cylinders	Six
Bore	96.8 (3.8)
Stroke	86.0 (3.4)
Bore spacing (c/l to c/l)	106.5
Cylinder block material	Cast Iron
Cylinder block deck height	234.5
Deck clearance (minimum) (above or below block)	0.325 (0.013) Below
Cylinder head material	Aluminum
Cylinder head volume (cm ³)	N.A.
Head gasket thickness (compressed)	1.04-1.19 (0.041-0.047)

Engine - Pistons

Total dressed engine mass (wt) dry**

Minimum combustion chamber

L. Bank

R. Bank

total volume (cm3)

Recommended fuel (leaded, unleaded, diesel)

Fuel antiknock index

Cyl. no. system (front to rear)*

Firing order

(R + M)

2

Material & mass, g		
(weight, oz.) piston	Aluminum Alloy	583(20.56)
(morgini, oc.) pre-on		
•		

Engine - Camshaft

Location		In Block	
Material (kg., wei	ight, lbs.)	Special Alloy Iron, Green Sand Molded, Induction Hardened, Phosphate Coated	· · · · · · · · · · · · · · · · · · ·
	Chain/belt		
Drive type	Width/pitch	19.99 - 18.72 (.7974)/9.53 (.37)	

^{*} Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

6

Unleaded

4, 2, 5, 3, 6

87 Minimum Octane

157.5 (347.2)

[&]quot;Dressed engine mass (weight) includes the following: Front End Dress, All Engine Mounted Components & Flex Plate; No Oil, Coolant or Starter.

Car Line	MUSTAI	NG		_
Odi E	1984		0/00	
Model Year		_issued	9/83	Revised (*)

Engine	Description/Carb.
Engine	

5.0L/C.F.I. (302 CID)

ENGINE - GENERAL

ENGINE - GEN	EHAL	
Type & description (i flat, location, front, m transverse, longitudir ohy, hemi, wedge, pre	id, rear, nal, sonc, donc,	90°V, Front, Longitudinal Overhead Valve Engine With Modified Wedge Combustion Chambers
No. of cylinders		Eight
Bore		101.6 (4.00)
Stroke		76.2 (3.00)
Bore spacing (c/l to	c/I)	111. 3 (4.38)
Cylinder block mater	ial	Cast Iron
Cylinder block deck	height	208.4 (8.20)
Deck clearance (min (above or below bloc		.013 (.0005) Below
Cylinder head materi	ał	Cast Iron
Cylinder head volume (cm ³)		67.5 - 70.5
Head gasket thickness (compressed)		1.04 - 1.19 (0.041-0.047)
Minimum combustion total volume (cm ³)	n chamber	78.9
Cyl. no. system	L. Bank	5, 6, 7, 8
(front to rear)* R. Bank		1, 2, 3, 4
Firing order		1, 3, 7, 2, 6, 5, 4, 8
Recommended fuel (leaded, unleaded, diesel)		Unleaded
Fuel antiknock index (R + M) 2		87 Minimum Octane
Total dressed engine	mass (wt) dry**	220.0 (486.0)

Engine - Pistons

2.18.110			
Material & mass, g (weight, oz.) piston	Aluminum Alloy	583(20.56)	
(Weight, Oz.) platon	ALUMINUM ALIO	303(20.30)	

Engine - Camshaft

Location		In Block
Material (kg., wei	ight, lbs.)	Special Alloy cast Iron, Induction Hardened Phosphate 19.8 (9.0)
Drive tree	Chain/belt	Chain, Double Roller
Drive type	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.

^{**} Dressed engine mass (weight) includes the following:

Car Line_	MUSTANG				
Model Yea	1984	Issued	9/83	Revised (•)	

Engine Description/Carb. Engine Code 5.0L/4V (302 CID)

ENGINE - GENERAL

Engine With
·
·
·
_

Engine - Camshaft

Material & mass, g

(weight, oz.) piston

Location	<u> </u>	In Block
		Special Alloy Cast Iron, Induction Hardened
Material (kg., we	ight, lbs.)	Phosphate 19.8 (9.0)
	Chain/belt	Chain, Double Roller
Drive type	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.

Aluminum Alloy 583 (20.6)

[&]quot;Dressed engine mass (weight) includes the following: Engine Assembly Except Alternator and Starter

Car Line	MUSTANG			
Model Year_	1984	_lssued	9/83	Revised (•)

Engine Description/Carb. Engine Code		2.3L/1V (140 CID)	2.3L/E.F.1	I. TURBO
Engine - V	alve System			
Lifters (std., opt	Hydraulic	Standard		
	Solid	N.A.		<u></u>
Engine – C	onnecting Rods			
	(kg., weight, lbs.)		1041-H or SAE-1541-H 8-1.41)	· ·
Engine - C	rankshaft			
Material		Nodular Cast Iron A	lloy, Greensand Molo	led Process
Mass (kg., weig	ht, Ibs.)	15.48 (34.13)		
End thrust take	n by bearing (no.)	#3	·	
Engine – Lo	ubrication System			
Normal oil pres	sure [kPa (psi) at engine rpm]	345 (50) @ 2000 RPM		· · · · · · · · · · · · · · · · · · ·
Type oil intake	(floating, stationary)	Stationary		
Oil filter system	(full flow, part, other)	Full Flow		
Capacity of c/c	ase, less filter-refill-L (qt.)	3.79 (4.0) plus 0.9	5 (1) For Filter	4.3 (4.5) (a)
Fngine - D	iesel Information	(NOT OFFERED)		•
Glow plug, curre		(NOT OFFIRED)	· · · · · · · · · · · · · · · · · · ·	
	/pe			
,00.0.	pening pressure [kPa (psi)]			
Pre-chamber de	esign			
	anufacturer			
injection pump T	уре .			
Supplementary	vacuum source (type)			
Fuel heater (yes	s/no)			,
Water separato (std., opt.)	r, description			

(a) Plus 0.45 (0.5) for Filter

Turbo manufacturer

Oil cooler Oil filter

	_					
Engine Description/Carb. Engine Code		3.8L/C.F.I. (232 CID)				
Engine – Va	ilve System					
	Hydraulic	Standard				
Lifters (std., opt.,	n.a./ Solid	N.A.				
Engine - Co	onnecting Rods					
Material & mass	(kg., weight, lbs.)	Forged Steel - SAE-1151-M 665-667 (23.46-23.88)				
Engine – Cı	ankshaft					
Material		Nodular Cast Iron Alloy, Greensand Molded Process				
Mass (kg., weigh	nt, lbs.)	14.06 (31)				
End thrust taker	by bearing (no.)	#3				
Engine — Lu	ibrication System					
Normal oil press	sure [kPa (psi) at engine rpm]	276-414 (40-60) @ 2000 RPM				
Type oil intake	(floating, stationary)	Stationary Shrouded Screen in Sump				
Oil filter system	(full flow, part, other)	Full Flow				
Capacity of c/ca	ase, less filter-refill-L (qt.)	3.8 (4.0) Plug 0.9 (1.0) For Filter				
Engine — Di	iesel Information	(NOT AVAILABLE)				
Glow plug, curre	ent drain at 0°F					
Injector Ty	pe					
nozzie O	pening pressure (kPa (psi))					
Pre-chamber de	esign					
	anufacturer					
injection pump Type						
Supplementary vacuum source (type)						
Fuel heater (yes	s/no)					
Water separator, description (std., opt.)						
Turbo manufac	turer					
Oil cooler	<u></u>					
Oil filter						

Car Line	_MUSTANG		_	
Model Year	1984	.lssued	9/83	Revised (•)

	•	· · · · · · · · · · · · · · · · · · ·		
Engine Code		5.0L/CFI 5.0L/4V (302 CID)		
Engine -	Valve System	•		
Lifters (std.,	Opt. p.a.) Hydraulic	Standard	<u></u>	
Enters (std.,	Solid	N.A.		
Engine -	Connecting Rods			
Material & n	nass (kg., weight, lbs.)	Forged Steel 0.557 (1.23)		
Engine -	Crankshaft			
Material		Nodular Cast Iron		
Mass (kg., w	reight, (bs.)	17.3 (38.2)		
End thrust to	aken by bearing (no.)	# 3		
Engine -	Lubrication System			
Normal oil p	ressure [kPa (psi) at engine rpm]	276-414 (40-60) @ 2000 RPM		
Type oil inte	ike (floating, stationary)	Stationary Shrouded Screen in Sump		
Oil filter sys	tem (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		
Engine -	Diesel Information	(NOT OFFERED)	,	
	urrent drain at 0°F			
Injector	Туре		· · · · · · · · · · · · · · · · · · ·	
nozzle	Opening pressure [kPa (psi)]			
Pre-chambe	r design			
Fuel	Manufacturer			
injection pump Type				
Supplementary vacuum source (type)				
Fuel heater (yes/no)				
Water separator, description (std., opt.)				
Turbo manu	facturer		· · · · · · · · · · · · · · · · · · ·	
Oll cooler				
Oil filter				

MUSTANG Car Line. 1984 _Issued___9/83__ _Revised (*)_ Model Year.

Engine Description/Carb. Engine Code

2.3L/E.F.I. TURBO 2.3L/1V (140 CID)

colant reci	overy system (std., opt., n.a.)	Standard				N.A.
colant fill l	ocation (rad., bottle)	Radiator				N.A.
adiator car	relief valve pressure [kPa (psi)]	82.7-110.3 (12-16) Non A/C, 96.5-124.1 (1	<u>4-18)</u>	w/A	<u>-C</u>	N.A.
ircula-	Type (choke, bypass)	By Pass				N.A.
on nermostat	Starts to open at *C (*F)	87.91 (188-195)				N.A.
	Type (centrifugal, other)	Centrifugal-Vane				
	GPM 1000 pump rpm	13.1				
/ater ump	Number of pumps	One				<u>-</u>
ump.	Drive (V-belt, other)	V-Belt				
	Searing (type)	Double Row, Sealed, Ball and Roller (3/4")			
y-pass rec	irculation (type (inter., ext.))	Internal			Ext	erna
Radiator co	re [type (cross-flow vertical	Downflow - Tube and Slit Fin - Non A/C				
	e and fin, other) and material)	Crossflow - Tube and Slit Fin - With A/C				N.A.
Cooling system capacity	With heater-L(gt.)	9.7 (10.2)				(8.
	With air condL(qt.)	N.A.				<u>(8.</u>
	Opt. equipment [specify-L(qt.)]	9.7 (10.2) With A/C			N.A	<u> </u>
Vater jacke	ets full length of cyl. (yes, no)	Yes				
Vater all ar	ound cylinder (yes. no)	Yes				
	Std., A/C, HD	Std., A/C & HD		<u>&</u> €		
	Width	(a) See Page 5A			Page-	
Radiator	Height	(a) See Page 5A			Page	
ore	Thickness	(a) See Page 5A	(b)		Page	
	Fins per inch	(a) See Page 5A			Page	<u> </u>
	Std., elec., opt	Std., Opt.	Elec	:t		
	Number of blades & type	Opt. Eight - Even - Plastic				•
	(flex, solid, material)	Std. Four Uneven - Solid - Steel				
	Diameter & projected width	(c) See Page 5A	(d)	See	Page	<u> 5A</u>
	Ratio (fan to crankshaft rev.)	(c) See Page 5A	N/A			·
	Fan cutout type	(c) See Page 5A	N/A			
an	Drive [type (direct, remote)]	(c) See Page 5A	N/A			
	RPM at idle (elec.)	N/A			Page	
	Motor rating (wattage) (elec.)	N/A	(q)		Page	
	Motor switch (type & location) (elec.)	N/A	<u> </u>		Page	
	Switch point (temp, pressure) (elec.)	N/A	(q)		Page	
	Fan shroud (material)	N/A	(d)	See	Page	5A

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary) SUPPLEMENTAL PAGE

	MUSTANG	•			
Car Line			 		_
Model Year	1984	_Issued	<u>9/83</u>	Revised (*)	

- (a) 2.3L/1V
 - . Width Std. 437.9 (17.2)
 - . Width A/C & Hd 623.3 (24.5)
 - . Height Std. 417.6 (16.4)
 - . Height A/C & HD 453.1 (17.8)
 - Thickness Std. 32.3 (1.3)
 - . Thickness A/C 20.6 (0.8)
 - . Thickness HD 37.8 (1.5)
 - . Fins Per Inch Std. Eight
 - . Fins Per Inch A/C Fourteen
 - Fins Per Inch HD Eleven

- (b) 2.3L EFI Turbo
 - . Width Std. & A/C 623.3 (24.5)
 - . Width HD N/A
 - Height Std. & A/C 453.1 (17.8)
 - . Height HD N/A
 - . Thickness Std. & A/C 35.6 (1.1)
 - . Thickness HD N/A
 - . Fins Per Inch Std. & A/C Twelve
 - Fins Per Inch HD N/A

- (c) 2.3L/1V
 - Diameter & Projected Width: Std. 406.6 (16.0) 35.3 (1.4) Opt. 398.8 (15.7) 46.0 (1.8) Elect. N/A
 - . Ratio Std. & Opt. 1.05:1
 - . Ratio Elec. N/A
 - . Fan Cut Out Type N/A
 - . Drive Std. & Opt. Direct
 - . Drive Elect. N/A

- (d) 2.3L EFI Turbo
 - . Diameter & Projected Width: Elect. 355.8 Nom.Dia. 40.1 Nom. PW
 - . RPM at Idle Elect. 1500 RPM
 - . Motor Rating Elect. 150 Watts Max.
 - Motor Switch Elect. Single Pole Ground (Bi-Metallic Snap Disc -Lower Intake Manifold)
 - . Switch Point Elect. Approx. 2210
 - . Fan Shroud Elect. Wire Legs with Plastic Ring

Car Line	MUSTANG		<u></u>		
Model Year_	1984	_lssued	9/83	Revised (*)	<u>.</u>

Engine	Description/Carb
Engine	Code

3.8L/2V (232 CID) 3.8L/C.F.I.

	•	
	Cooling System	
coolant rec	overy system (std., opt., n.a.)	Standard
oolant fill	ocation (rad., bottle)	Bottle Coolant Add; Radiator Coolant Fill
	p relief valve pressure [kPa (psi)]	97-127 (14-18)
ircula- ion	Type (choke, bypass)	Choke
nermostat	Starts to open at *C (*F)	89.5-127 (193-200)
	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	16
/ater ump	Number of pumps	One
,p	Drive (V-belt, other)	Six Rib Poly-V
	Bearing (type)	Double Row, Sealed, Ball and Roller
ly-pass rec	irculation [type (inter., ext.)]	External
	re [type (cross-flow vertical e and fin, other) and material]	Cross Flow, Tube and Slit Fin
\#	With heater—L(qt.)	10.1 (10.7), Plus 1.5 Quart in Overflow Bottle
ooling ystem	With air cond.—L(qt.)	10.2 (10.8), Plus 1.5 Quart in Overflow Bottle
capacity	Opt. equipment (specify-L(qt.))	N.A.
Water jackets full length of cyl. (yes, no)		No ·
Vater all ar	ound cylinder (yes, no)	Yes
	Std., A/C, HD	Std. A/C
	Width	622,3 (24,5) 622,3 (24,5)
Radiator	Height	452.1 (17.8) 452.1 (17.8)
ore	Thickness	37.8 (1.5) 37.8 (1.5)
	Fins per inch	Nine 10
	Std., elec., opt.	Std. Electric
	Number of blades & type (flex, solid, material)	Five Blade Solid, Steel Spider, Aluminum Blade
	Diameter & projected width	419 (16.5) x 84 (3.3)
	Ratio (fan to crankshaft rev.)	1.25:1
	Fan cutout type	Viscous Clutch
an	Drive [type (direct, remote)]	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)	Plastic

Car Line	MUSTANG			
Model Year	1984	issued	9/83	Revised (*)

Engine	Description/Carb.
Engine	Code

5.0L/C.F.I. (302 CID)

Engine - Cooling System

Coolant red	covery system (std., opt., n.a.)	Standard
Coolant fill location (rad, bottle)		Radiator
Radiator ca	p relief valve pressure [kPa (psi)]	97-127 (14-18)
Circula- tion	Type (choke, bypass)	Choke
hermostat	Starts to open at *C (*F)	86-90 (188-195)
	Type (centrifugal, other)	Centrifugal
	GPM 1000 pump rpm	Ten
Water pump	Number of pumps	One
	Drive (V-belt, other)	Six Rib Poly-V
	Bearing (type)	Double Roll, Sealed, Ball-Roller
3y-pass re	circulation [type (inter., ext.)]	External
	ore [type (cross-flow vertical be and fin, other) and material]	Crossflow, Tube and Slit Fin
Cooling	With heater—L(qt.)	
system	With air cond.—L(qt.)	
capacity	Opt. equipment [specify—L(qt,)]	
Nater jack	ets full length of cyl. (yes, no)	Yes
Water all a	round cylinder (yes, no)	Yes
	Std., A/C, HD	Std. A/C
	Width	622.3 (24.5) 622.3 (24.5)
Radiator core	Height	453.1 (17.8) 453.1 (17.8)
,	Thickness	20.6 (0.8) 37.8 (1.5)
	Fins per inch	Nine 11
	Std., elec., opt.	Standard
	Number of blades & type (flex, solid, material)	Five Uneven
	Diameter & projected width	469.9 (18.5) 63.5 (2.5)
	Ratio (fan to crankshaft rev.)	1.24:1
	Fan cutout type	Clutch
Fan	Drive [type (direct, remote)]	Belt
	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 Polymer

Car Line	MUSTANG				
Model Year.	1984	Issued	9/83	Revised (*)	

Engine	Description/Carb.
Engine	Code

5.0L/4V (302 CID)

Engine -	Cooling	System
----------	---------	--------

	- Cooling System	Chandand
	covery system (std., opt., n.a.)	Standard Radiator
000,000		96.5-124.0 (14-18 PSI)
	p relief valve pressure [kPa (psi)]	96.5-124.0 (14-10 PS1)
Circula- tion	Type (choke, bypass)	Choke - Poppet or Sleeve Valve 89.5-93.4 Full Open 105 (193-200 Full Open 221)
thermostat		
	Type (centrifugal, other)	Centrifugal
144-1	GPM 1000 pump rpm	12
Water pump	Number of pumps	One
FF	Drive (V-belt, other)	Poly-V Belt
	Bearing (type)	Ball and Roller
By-pass re	circulation [type (inter., ext.)]	External
Radiator co	ore [type (cross-flow vertical be and fin, other) and material]	Crossflow, Tube and Slit Fin, Copper/Brass
Caslina	With heater—L(qt.)	12.4 (13.1)
Cooling system	With air cond.—L(qt.)	12.7 (13.4)
capacity	Opt equipment (specify-L(qt.))	N.A.
Water jack	ets full length of cyl. (yes, no)	Yes
	around cylinder (yes, no)	Yes
	Std., A/C, HD	Std. A/C
	Width	622.3 (24.5) 622.3 (24.5)
Radiator	Height	453.1 (17.8) 453.1 (17.8)
core	Thickness	20.6 (0.8) 37.8 (1.5)
	Fins per inch	Nine 11
	Std., elec., opt.	Std. & Opt
	Number of blades & type (flex, solid, material)	Five. Uneven. Solid
	Diameter & projected width	469.9 (18.5), 63.5 (2.5)
	Ratio (fan to crankshaft rev.)	1.25:1
	Fan cutout type	Viscous Clutch
Fan	Drive [type (direct, remote)]	Poly-V-Belt
	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)	Plastic
	_l	

Car Line	MUSTANG				,
Model Year_	1984	_Issued	9/83	Revised (•)	<u> </u>

Engine	Description/Carb.
Engine	Code

2.3L/1V	2.3L/EFI-TURBO
(140 CID)	
<u></u> .	

Engine - Fuel System (See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

Induction type: carburetor, fuel injection system, etc.		uel	1V Carburetor	Electronic Fuel Injecti	.on
	Mfgr.		Carter	<u> </u>	
	Choke (type)		Auto-Full Electric		
Carbure- tor	Idle spdrpm	Manual	850 Neutral		~
	(spec. neutral or drive and propane	Automatic	750 DR.		
	if used)				
Idle A/F mi	x				
	Point of injection (no.)		N.A.	Port InjFo	
Fuel	Constant, pulse, flow		N.A.	Simultaneous Double	Fire
injection	Control (electronic, mech.)		N.A.	Electronic	
	System pressure (kPa (psi))		N.A.	268.9 (39.0)	(a)
	ifold heat control ermostatic or fix		Water	N.A.	
Air cleaner	Standard		Dry Replaceable Element w/Ho	t & Cold Air Supply	(b)
type	Optional		N.A.		
-	Type (elec. or mech.)		Mecha <u>nical</u>	Electric (2	
Fuel pump	Location (eng., tank)		Engine Block	Intank & Out of Ta	nk
pump	Pressure range [kPa (psi)]		37.9-44.8 (5.5-6.5)		

Fuel Tank

ruei ian	х				
Capacity re	efill L (gallons)]	58.3 (15.4 Gal)			
Location (describe)		Behind Rear Axle			
Attachment	i i	Two Straps with Pin and Loop at Rear, Bolt at Front			
Material		Steel (Terne Plate)			
Filler	Location & material	Right Rear Quarter Panel; Steel			
pipe	Connection to tank	Rubber Seal			
Fuel line (n	naterial)	Steel Nylon			
Fuel hose (material)	Rubber (Reinforced) N.A.			
Return line (material)		N.A. Nylon			
Vapor line (material)		Nylon			
	Opt., n.a.	N.A.			
	Capacity (L (gallons))	N.A.			
Extended range	Location & material	N.A.			
tank	Attachment	N.A.			
	Opt., n.a.	N.A.			
	Capacity [L (gallons)]	N.A.			
Auxiliary tank	Location & material	N.A.			
	Attachment	N.A.			
	Selector switch or valve	N.A.			
	Separate fill	N.A.			

- (a) Above Intake Manifold Pressure
- (b) Remote Paper Element

MUSTANG Car Line_ 9/83 Model Year 1984 Revised (*)... __Issued.

Engine Description/Carb. Engine Code

3.8L/2V (232 CID) 3.8L/C.F.I.

Induction ty injection sy:	pe: carburetor, fu stem, etc.	ıel	Carburetor (Down Draft) (a)	Central Fuel Injection
	Mfgr.			
	Choke (type)		Automatic, Electrically Operated	N.A.
Carbure-	idle spdrpm	Manual	N.A.	
tor	(spec. neutral		·	
	or drive and propane	Automatic	49S-4K 700 DR (b); Calif-4K 650 DF	R (b) N.A.
	if used)			
Idle A/F mix	ζ.			
	Point of injection	on (no.)	N.A	Throttle Body (Two Injectors)
Fuel	Constant, pulse, flow		N.A	Pulse
injection	Control (electronic, mech.)		N.A.	Electronic
	System pressure [kPa (psi)]		N.A.	300 (30.5)
	fold heat control ermostatic or fixe		Exhaust Heat Control Valve, Thermo	ostatic Vacuum Control
Air cleaner Standard				
type	Optional			
	Type (elec. or	mech.)	Mechanical	Electrical (2)
Fuel	Location (eng.,	tank)	Engine Mounted	Frame Rail/Intake
pump	Pressure range (kPa (psi))		41.4-55.2 (6.0-8.0)	275-310(40.0-45.0)/21-34(30.

Fuel Tan	k				
Capacity [re	elill L (gallons)]	58.3 (15.4 Gal)			
Location (d	lescribe)	Behind Rear Axle			
Attachmen		Two Straps With Pin and Loop at	Rear, Bolt at Front		
Material		Steel (Terne Plate)			
Filler	Location & material	Right Rear Quarter Panel; Steel			
pipe	Connection to tank	Rubber Seal			
Fuel line (n	naterial)	Steel	Nylon		
Fuel hose (material)		Rubber (Reinforced)	N.A.		
Return line (material)		N.A.	Nylon		
Vapor line	(material)	Nylon			
	Opt., n.a.	N.A.	3		
	Capacity [L (gallons)]	N.A.			
Extended range	Location & material	N.A.			
tank	Attachment	N.A			
	Opt., n.a.	N.A.			
	Capacity [L (gallons)]	N.A.			
Auxiliary tank	Location & material	N.A.			
	Attachment	N.A.			
	Selector switch or valve	N.A.			
	Separate fill	N.A.			

Separate fill
(a) Canada Only

(b) A/C on A/C Clutch De-Energized

Car Line	MUSTANG			
Model Year	1984	Issued	9/83	Revised (*)

Engine	Description/Carb.
Facine	Code

5.0L/CFI (302 CID)

Induction ty injection sy	ype: carburetor, fu stem, etc.	iel	Central Fuel Injection
	Mfgr.		Ford
	Choke (type)		Automatic
Carbure-	Idle spdrpm	Manual	N.A.
or	(spec neutral		
	or drive and propane	Automatic	550 Drive
	if used)		
dle A/F mi	x.	•	
	Point of injection (no.)		Fuel Charging Assembly on Intake
Fuel	Constant, pulse	, flow	Pulse
injection	Control (electronic, mech.)		Electronic
	System pressure [kPa (psi)]		270.3 (39.2)
	ifold heat control nermostatic or fixe		Exhaust
Air cleaner	Standard		Dry Replacement Type Element-Hot & Cold Air Control
type	Optional		N.A.
	Type (elec. or r	nech.)	Electric
Fuel pump	Location (eng.,	tank)	Two Pump System; L.P. in Tank and H.P. Underbody at Rear
	Processes to peo (type (pei))		41 4(6) 269 0(70)

41.4(6), 268.9(39)

Fuel Tank

Pressure range (kPa (psi))

	an.					
Capacity [refill L (gallons)]		58.3 (15.4 Ga1)				
Location (describe)		Behind Rear Axle				
Attachment		Two Straps With Pin & Loop at Rear, Bolt at Front				
Material		Steel Terne Plate				
Filler	Location & material	Right Rear Quarter Panel; Steel				
pipe	Connection to tank	Rubber Seal				
Fuel line (n	naterial)	Nylon				
Fuel hose (material)	N.A.				
Return line	(material)	Nylon				
Vapor line (material)		Nylon				
	Opt., n.a.	N.A.				
Extended	Capacity (L (gallons))	N.A.				
range	Location & material	N.A.				
tank	Attachment	N.A.				
	Opt. n.a.	N.A.				
Auxiliary tank	Capacity [L (gallons)]	N.A.				
	Location & material	N.A.				
	Attachment	N.A.				
	Selector switch or valve	N.A.				
	Separate fill	N.A.				

Car Line	MUSTANG		
Model Year_	1984	Issued 9/83 Revised (•)	· ·

Engine Description/Carb. Engine Code 5.0L/4V (302 CID)

Induction ty injection sy	pe: carburetor, fu stem, etc.	ıel	Carburetor Down Draft
	Mfgr.		Holley 4180C-4V
	Choke (type)		Automatic
Carbure- tor	Idle spdrpm	Manual	700 Neutral
tor	(spec. neutral or drive and		
	propane	Automatic	N.A.
	if used)		
Idle A/F mix.		·	
	Point of injection	on (no.)	N.A.
Fuel	Constant, pulse	e, flow	N.A.
injection	Control (electronic, mech.)		N.A.
	System pressure [kPa (psi)]		N.A.
	ifold heat control		
or water) thermostatic or fixed		ed	Exhaust
Air cleaner	Standard		Dry Replaceable Unit
type	Optional		N.A
	Type (elec. or	mech.)	Mechanical With Fuel Return Line
Fuel	Location (eng., tank)		Left Side of Engine
pump	Pressure range [kPa (psi)]		44.8-55.2 (6.5-8.0) (a)

Fuel Tan	k						
Capacity [refill L (gallons)]		58.3 (15.4 Gal)					
Location (describe)		Behind Rear Axle					
Attachmen	t	Two Straps With Pin and Loop at Rear, Bolt at Front					
Material		Steel (Terne Plate)					
Filler	Location & material	Right Rear Quarter Panel; Steel					
pipe	Connection to tank	Rubber Seal					
Fuel line (n	naterial)	Steel					
Fuel hose ((material)	Rubber (Reinforced)					
Return line (material)		Steel					
Vapor line (material)		Nylon					
	Opt., n.a.	N.A.					
e	Capacity [L (gallons)]	N.A.					
Extended range	Location & material	N.A.					
tank	Attachment	N.A.					
	Opt., n.a.	N.A					
Auxiliary tank	Capacity [L (gallons)]	N.A.					
	Location & material	N.A.					
	Attachment	N.A.					
	Selector switch or valve	N.A.					
	Separate fill	N.A.					

(a) With Return Line Blocked

Car Line	MUSTANG			
Model Year	1984	Issued	9/83	Revised (*)

Engine	Description/Carb.
Engine	Code

2.3L/1V (140 CID)

Venicle	Emission Control
	· · · · · · · · · · · · · · · · · · ·
	T 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

Vehicle	Emission	Control				
	Type (air injection, engine modifications, other)		gine	Vehicle, Engine, Carburetor and Distributor Modifications Plus Gas Recirculation and Air Inject.		
		Pump or	pulse	Vane Type, Constant Displacement (a)		
		Driven b	У	Crank Pulley Belt (b)		
	Air Injection	Air distri (head, m	bution anifold, etc.)	Cylinder Head and Exhaust System		
		Point of	entry	Exhaust Port in Cylinder Head, Catalyst		
Exhaust Emission			introlled flow, fice, other)	Controlled Flow		
Control	Exhaust Gas	Exhaust	source	External Tube		
	Recircula- tion		exhaust injection carburetor, l, other)	Spacer		
		Type		TWC + COC Dual Brick Transverse		
		Number	of	One		
	Catalytic Converter	Location	i(s)	Underbody		
		Volume	[L (in ³)]	1.1 (66) + 1.3 (78)		
		Substrat	e type	Coated Ceramic Monolith		
	Type (ventilates to atmosphere, induction system, other)			Closed Induction System		
Crankcase Emission	Energy source (manifold vacuum, carburetor, other)		old other)	Manifold Vacuum		
Control	Discharges (to intake manifold, other)			Carburetor Spacer		
	Air inlet (b	Air inlet (breather cap, other)		VRA Breather Cap		
Evapora-	Vapor vent		iel tank	Carbon Canister		
tive Emission	(crankcase canister, o		arburetor	Externally Vented to Carbon Canister-Internally Vented to		
Control	Vapor stor	age provis	ion	Carbon Canister Air Cleaner		
Electronic	Closed loc	p (yes/no)		Yes		
system	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)		One, Reverse Flow
Resonator	no. & type	
	Branch o.d., wall thickness	
Exhaust pipe	Main o.d., wall thickness	
	Material	
inter-	o.d. & wall thickness	50.8 x 1.75 (2.00 x .069)
mediate pipe	Material	Aluminized Low Carbon Steel
Tail pipe	o.d. & wall thickness	44.5 x 1.37 (1.75 x .054)
	Material	Aluminized Low Carbon Steel

- (a) 49S & A/T is Pulse Air Consisting of Two Dual Reed Assys. and Four Tubes. Tube Points of Entry: Two Exhaust Manifold, One Exhaust Pipe, One Catalyst.
- (b) On A/C Packages, Air Pump Driven by Belt Off A/C Compressor.

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car Line	MUSTANG			
Model Year_	1984	_Issued	9/83	Revised (•)

Engine Description/Carb. Engine Code

2.3L/EFI Turbo

	Type (air in modification	jection, engine ns, other)	Electronic Fuel and Spark Control Plus Exhaust Gas Recirculation
		Pump or pulse	N.A.
		Driven by	N.A.
İ	Air Injection	Air distribution (head, manifold, etc.)	N.A.
		Point of entry	N.A.
xḥaust		Type (controlled flow, open orifice, other)	Controlled Flow Tapered Stem
mission Control	Exhaust Gas	Exhaust source	Exhaust Manifold
	Recircula- tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold
		Туре	TWC + TWC Dual Brick Transverse
	ļ	Number of	One
	Catalytic Converter	Location(s)	Underbody
		Volume (L (in ³))	1.1 (66) + 1.1 (66)
		Substrate type	Coated Ceramic Monolith
	Type (ventilates to atmosphere, induction system, other)		Closed Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
Emission Control	Discharges manifold, c	s (to intake ther)	Intake Manifold
	Air inlet (b	reather cap, other)	Compressor Inlet Adaptor
Evapora-	Vapor ven		Carbon Canister
tive	(crankcas canister, c		
Emission Control	Vapor sto	rage provision	Carbon Canister
Electronic	Closed lo	op (yes/no)	
system	Open loop	(yes/no)	

Engine - Exhaust System

Type (single, single with cross-over, dual, other) Muffler no. & type (reverse flow, straight thru, separate resonator)		Single
		One, Reverse Flow with Separate Diffuser (a)
Resonator	no. & type	
	Branch o.d., wall thickness	
Exhaust pipe	Main o.d., wall thickness	
D . P 0	Material	
Inter-	o.d. & wall thickness	63.5 x 1.75 (2.50 x .069)
mediate pipe	Material	Aluminized Low Carbon Steel
Tail pipe	o.d. & wall thickness	63.5 x 1.75 (2.50 x .069)
	Material	Aluminized Low Carbon Steel

(a) Diffuser - Straight Thru, Two Tubes
OD & Wall Thickness - 57.5 x 1.07 (2.25 x .042)
Material - Chrome Plate Steel

Car Line	MUSTANG			
Model Year	1984	Issued 9/83	Revised (•)	

Engine	Description/Carb.
Engine	Code

3.8L/2V (232 CID) 3.8L/C.F.I.

ļ	Type (air in modification	jection, engine ns, other)	Vehicle & Engine Modifications, Exhaust Gas Recirculation, Air Injection
ſ		Pump or pulse	Vane
İ		Driven by	Poly-V-Belt
	Air Injection	Air distribution (head, manifold, etc.)	Intake Manifold, Cylinder Head Catalyst
		Point of entry	Cylinder Head Exhaust Ports, Catalyst Mid-Bed
chaust	_	Type (controlled flow, open orifice, other)	Controlled Flow
	Exhaust Gas	Exhaust source	External Tube from Exhaust X-Over (Intake Manifold)
	Recircula- tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Spacer
1		Type	TWC Toeboard + COC Single Brick In-Line
		Number of	Two
	Catalytic Converter	Location(s)	Underbody & Toe-Board (L.O.)
		Volume (L (in ³))	Toe Board (2) x .69 (42); Underbody 1.3 (7.8)
!		Substrate type	Coated Ceramic Monolith
	Type (ventilates to atmosphere, induction system, other)		Closed Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges (to intake manifold, other)		Carburetor
	Air inlet (breather cap, other)		Carburetor Air Cleaner
vapora-	Vapor vent		Externally Vented to Carbon Canister
ive Emission	canister, o		Internally Vented to Air Cleaner
Control	Vapor stor	age provision	Carbon Canister
lectronic	Closed loc	p (yes/no)	
ystem :	Open loop	(yes/no)	
		st System ith cross-over,	
tual, other	•)	•	Single with "Y" System
	. & type (rev ru, separate	rerse flow, e resonator)	One, Reverse Flow
lesonator	no. & type		
xhaust	Branch	o.d., wall thickness	
ipe	Main o.d	., wall thickness	
	Material		
nter- nediate	o.d. & wa	all thickness	50.8 x 1.75 (2.00 x .069)
pipe	Material		Aluminized Low Carbon Steel
fail sipe	o.d. & wa	all thickness	50.8 x 1.37 (2.00 x .054)
	Material		Aluminized Low Carbon Steel

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car Line	MUSTANG		
Model Year	1984	Issued 9/83	Revised (•)

Engine Description/Carb. Engine Code

5.0L/CFI (302 CID)

	Type (air injection, engine modifications, other)		Vehicle and Engine Modification Plus Exhaust Gas Recirculation and Air Injection (a)	
I		Pump or pulse	Pump	
		Driven by	Belt	
	Air Injection	Air distribution (head, manifold, etc.)	Cylinder Head and Catalyst	
		Point of entry	Cylinder Head Exhaust Ports, Catalyst Mid-Bed	
xhaust		Type (controlled flow, open orifice, other)	Sonic-Electronic Pintle Control	
mission Control	Exhaust Gas	Exhaust source	Intake Manifold Cross-over	
	Recircula- tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Carburetor Spacer	
		Туре	TWC + COC Dual Brick In-Line	
		Number of	One	
	Catalytic Converter	Location(s)	Underbody	
		Volume (L (in ³))	1.3 (78) + 1.3 (78)	
		Substrate type	Coated Ceramic Monolith	
	Type (ventilates to atmosphere, induction system, other)		Closed Induction System	
Crankcase Emission	Energy source (manifold vacuum, carburetor, other)		Intake Manifold Vacuum	
Control	Discharges (to intake manifold, other)		Intake Manifold	
	Air inlet (breather cap, other)		Air Cleaner	
Evapora-	Vapor vent		Carbon Canister	
tive Emission	(crankcase canister, o		Carbon Canister	
Control	Vapor storage provision		Carbon Canister	
Electronic	Closed loc	p (yes/no)		
system	Open loop	(yes/no)		

Engine - Exhaust System

	-		
Type (single, single with cross-over, dual, other)		Single With "Y" System	
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, Reverse Flow (b)	
Resonator	no. & type		
	Branch o.d., wall thickness		
Exhaust pipe	Main o.d., wall thickness		
p.p.	Material		
Inter-	o.d. & wall thickness	63.5 x 1.75 (2.50 x .069)	
mediate pipe	Material	Aluminized Low Carbon Steel	
Tail pipe	o.d. & wall thickness	53.5 x 1.75 (2.50 x .069)	
	Material	Aluminized Low Carbon Steel	

- (a) Components May Vary According to Engine Calibration(b) Diffuser Straight Thru Two Tubes
- 0.D. & Wall Thickness $57.5 \times 1.07 (2.25 \times .042)$ Material - Chrome Plate Steel

Car Line	MUSTANG			
Model Year	1984Issued	9/83	_Revised (*)	

Engine	Description/Carb.
Engine	Code

5.0L/4V (302 CID)

Vehic	:le Em	ission	ı Con	trot

venicie	ehicle Emission Control		
,	Type (air injection, engine modifications, other)		Vehicle and Engine Modifications Plus Exhaust Gas Recirculation and Air Injection (a)
		Pump or pulse	Vane
		Driven by	Poly-V-Belt
	Air Injection	Air distribution (head, manifold, etc.)	Cylinder Head and Catalyst
		Point of entry	Multiple
Exhaust Emission		Type (controlled flow, open orifice, other)	Back Pressure
Control	Exhaust Gas	Exhaust source	Intake Manifold Crossover
	Recircula- tion	Point of exhaust injection (spacer, carburetor, manifold, other)	Carburetor Spacer
		Туре	TWC Toe Board + TWC/COC Dual Brick In-Line
	Catalytic Converter	Number of	Two
		Location(s)	Toe Board and Underbody
		Volume [L (in3)]	.69 (42) TB; .90 (55) + .90 (55) DBUB
	}	Substrate type	Coated Ceramic Monolith
	Type (ventilates to atmosphere, induction system, other)		Closed Induction System
Crankçase Emission	Energy source (manifold vacuum, carburetor, other)		Intake Manifold Vacuum
Control	Discharges (to intake manifold, other)		Carburetor Base
	Air inlet (b	reather cap, other)	Air Cleaner
Evapora- tive Emission Control	Vapor vent		Carbon Canister
	canister, o		Carbon Canister
	Vapor storage provision		Carbon Canister
Electronic	Closed loc	p (yes/no)	
system	Open loop	(yes/no)	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Dual, with Reverse "Y"		
Muffler no. & type (reverse flow, straight thru, separate resonator)		Two Reverse Flow		
Resonator no. & type		N.A.		
	Branch o.d., wall thickness	63.5 x 1.75 (2.50 x .069)		
Exhaust pipe	Main o.d., wall thickness	69.8 x 1.75 (2.75 x .069)		
	Material	Aluminized Low Carbon Steel		
Inter-	o.d. & wall thickness			
mediate pipe	Material			
Tail pipe	o.d. & wall thickness	$57.5 \times 1.37 (2.25 \times .055)$		
	Material	Aluminized Low Carbon Steel		

⁽a) Components may vary according to Engine Calibration

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car Line	MUSTANG	-		
04, 20			0/00	
Model Year_	<u> 1984 </u>	_issued	9/83	Revised (*)

Engine Description/Carb. Engine Code 2.3L/1V (140 CID) 2.3L/EFI TURBO

Transmissions/Transaxie			
Manual 3-speed (std., opt., n.a.)	N.A.		
Manual 4-speed (std., opt., n.a.)	Standard	N.A	
Manual 5-speed (std., opt., n.a.)	N.A.	Standard	
Manual overdrive (std., opt., n.a.)			
Automatic (std., opt., n.a.)	Optional	N.A.	
Automatic overdrive (std. opt. n.a.)	N.A.		

Number of f	orward speed	ds	Four .	Five
	In first		3.98:1	4.03:1
	In second		2.14:1	2.37:1
	In third	·	1.49:1	1.50:1
Fransmis-	In fourth		1.00:1	1.00:1
sion ratios	In fifth			.76:1
	In overdrive			
	In reverse		3.99:1	3.76:1
Synchronou	Synchronous meshing (specify gears)		1st, 2nd, 3rd, 4th	1st, 2nd, 3rd, 4th, 5th
Shift lever I	ocation		Floor	
	Capacity [L (pt.)]		1.3 (2.8)	2.2 (4.75)
Lubricant	Type recommended		ESP-M2C83-C	Dextron II
	SAE vis- cosity number	Summer	80 W	
		Winter	80 W	<u> </u>
		Extreme cold		

Clutch (Manual Transmission)

Make & type		Single Disc. Dry Plate		
Type pressu	ire plate springs	Belleville Spring		
Total spring load [N (lb.)]		4693 (1055)	6800 (1520) (b)	
No. of clutch driven discs		One		
	Material	Woven Non-Asbestos		
	Manufacturer	Valeo	Daikin	
	Part number			
	Rivets/plate	12	16	
Clutch	Rivet size	3.6 x 5.6 (9/64 x 7/32)	4.1 x 4.9 (.161 x .193)	
facing	Outside & inside dia.	216 x 146 (8.5 x 5.75)	225 x 150 (8.9 x 6.0)	
	Total eff area [cm ² (in. ²)]	397.1 (61.56)	443.5 (68.7)	
•	Thickness	3.2 (.13)		
	Engagement cushion method	Torbend Disc	One Piece Riveted Hybrid	
Release bearing	Type & method of lubrication	Self-Centering, Angular Cont	act, Constant Running, Prepacked	
Torsional damping	Method: springs, friction material	Steel Coil Springs		

⁽a) Axle Ratio 3.27:1 and 3.45:1

⁽b) 6200 (1400) on SVO Model

Car Line	MUSTANG				
Model Year_	1984	_lssued_	9/83	Revised (•)	

Engine Description/Carb. Engine Code			3.8L/2V (232 CID)	3.8L/C.F.I.
Transmis	sions/Tran	saxle		
	eed (std., opt		N.A.	-
	peed (std., opt		N.A.	
	eed (std. opt		N.A.	
	rdrive (std., op		N.A.	
	std., opt., n.a.)		N.A.	
	verdrive (std.,	opt., n.a.)	Standard	
Manual T	ransmissio	on/Transaxle	(NOT AVAILABLE)	
-	orward speed			
	In first			
	In second			
	In third			
Transmis- sion ratios	In fourth			
31011 121103	In fifth			
	In overdrive			
	In reverse			
Synchronou	s meshing (sp	ecify gears)		
Shift lever le	ocation			,
	Capacity (L	(pt.))		
	Type recom-	mended		
Lubricant	SAE vis-	Summer		
	cosity	Winter		
	number	Extreme cold		
Clutch (N	fanual Trai	nsmission)	(NOT AVAILABLE)	
Make & type	ė			
Type pressi	ure plate sprin			
	load [N (lb.)]			
	h driven discs			
	Material			
	Manufactu	rer		· · · · · · · · · · · · · · · · · · ·
	Part number	er		
	Rivets/plat	e		
Clutch	Rivet size		· · · · · · · · · · · · · · · · · ·	
facing	Outside &	inside dia		
	Total eff. ai	rea (cm²(in.²))		
	Thickness			
	Engageme method	nt cushion		
Release bearing	Type & me of lubricati			
Torsional damping				

Car Line MUSTANG		_	
Model Year: 1984	_lssued	9/83	Revised (*)

•		
Engine Description/Carb. Engine Code		5.0L/CFI (302 CID)
sions/Tran	naxie	
		N.A.
		N.A.
		N.A.
		N.A.
	opt., n.a.)	N.A. Standard
ransmissio	on/Transaxle	(NOT AVAILABLE)
In first		
In second		
In third		
In fourth		
In fifth	······························	
In overdrive		
In reverse		
s meshina (sa	ecify gears)	
	, goale,	
	(pt)]	
<u> </u>		
Type recoin	·	
	1	
L	· · · · · · · · · · · · · · · · · · ·	
lanual Tra	nsmission)	(NOT AVAILABLE)
e		
re plate sprir	ngs	
load [N (lb.)]		
h driven discs	3	·
Material		
Manufactu	rer	
Part number	er	
Rivets/plat	e	
Rivet size		
Outside &	inside dia	
Total eff. a	rea (cm²(in.²))	
Engageme method	nt cushion	
e Type & method		
of lubrication orsional Method: springs, imping friction material		
	sions/Trar peed (std., opt peed (std., opt peed (std., opt drive (std., op	sions/Transaxie seed (std., opt., n.a.) seed (std., opt., n.a.) seed (std., opt., n.a.) drive (std., opt., n.a.) std., opt., n.a.) ransmission/Transaxie orward speeds In first In second In third In fourth In fifth In overdrive In reverse s meshing (specify gears) ocation Capacity [L (pt.)] Type recommended SAE viscosity number SAE viscosity number Extreme cold In driven discs Material Manufacturer Part number Rivets/plate Rivet size Outside & inside dia Total eff. area [cm²(in.²)] Thickness Engagement cushion method Type & method of lubrication

Car Line MUSTANG

Model Year 1984 Issued 9/83 Revised (*)

Engine Description/Carb.	5.0L/4V
Engine Code	(302 CID)

Transm	iceione	/Transaxle	
Hansiii	IBBIUIIB.	, , , , , , , , , , , , , , , , , , , ,	

Manual 3-speed (std., opt., n.a.)	N.A.		
Manual 4-speed (std., opt., n.a.)	N.A.	 	
Manual 5-speed (std., opt., n.a.)	N.A.		<u>. </u>
Manual overdrive (std., opt., n.a.)	Standard 5-Speed		-
Automatic (std., opt., n.a.)	N.A.	·· · · · · · · · · · · · · · · · · · ·	
Automatic overdrive (std., opt., n.a.)	N.A.	· · · · · · · · · · · · · · · · · · ·	

Manual Transmission/Transaxle		on/Transaxie	(a)
Number of	orward spee	ds	Five
	In first		2.95:1
	in second		1.94:1
	In third		1.34:1
Transmis- sion ratios	In fourth		1:1
	In fifth		. 73:1
	In overdrive		.73:1
	in reverse		2.76:1
Synchronou	s meshing (s	pecify gears)	All Forward Gears
Shift lever I	ocation		Floor
	Capacity [L (pt.)]		2.6 (5.6)
Lubricant	Type recommended		Dextron II Automatic Transmission Fluid
	SAE vis- cosity number	Summer	80 W
		Winter	80 W
		Extreme cold	

Clutch (Manual Transmission)

Make & type		Single Disc, Dry Plate			
Type press	ure plate springs	Belleville Spring			
Total spring	load (N (lb.))	6890 (1549)			
No. of clute	h driven discs	One			
	Material	Woven Asbestos			
	Manufacturer	Raybestos			
	Part number	M8068-2 or U.S. 1488B1			
	Rivets/plate	32 Per Disc Assy			
Clutch	Rivet size	3.6 x 5.6 (9/64 x 7/32)			
facing	Outside & inside dia.	254 x 171 (10.0 x 6.75)			
	Total eff. area [cm ² (in. ²)]	552 (85.5)			
	Thickness	3.5 (.14)			
	Engagement cushion method	Torbend Disc			
Release bearing	Type & method of lubrication	Self Centering, Angular Contact, Constant Running, Prepacked			
Torsional damping	Method: springs, friction material	Steel Coil Springs			

(a) Axle Ratio 3.08:1 & 3.27:1

Car Line	MUSTANG				
Model Year	1984	_Issued	9/83	Revised (*)	

Engine	Description/Carb
Engine	Code

2.3L/1V	•	2.3L/EFI TURBO
(140 CID)		

Automatic	Transmission	/Transaxle
------------------	--------------	------------

Trade name		SelectShift (C-3)			
Type and sp	pecial features (describe)	Torque Converter with Planetary Gears			
0 1 4	Location	Floor and Column			
Selector	Ltr./No. designation	PRND21			
	R	2.11;1			
	D	1.00;1			
Gear ratios	L ₃	- **			
Tanos	L ₂	1,47:1			
	L ₁	2.47:1			
Max. upshif	t speed - drive range [km/h (mph)]	118 (73)			
Max. kickde	own speed - drive range [km/h (mph)]	111 (69)			
Min. overdr	ive speed [km/h (mph)]	•			
	Number of elements	Three			
Torque	Max. ratio at stall	2,90:1			
converter	Type of cooling (air, liquid)	Liquid			
	Nominal diameter	260.35 (10.25)			
	Capacity (refill L (pt.))	7.6 (16) Approx.			
Lubricant	Type recommended	ESP-M2C138-CJ Dextron II For Service			
Oil cooler ((std., opt., NA, internal, ir, liquid)	•			

Axle or Front Wheel Drive Unit

Type (front, rear)			Rear			
Description			Semi-Floating Type with Cast Center and Overhung Pinion			
Limited slip	differential	(type)	Cone Clutch Type			
Drive pinion	offset		25.4 (1.0)			
Drive pinion	(type)		Hypoid			
No. of differential pinions		s	Two			
Pinion adjustment (shim, other)		, other)	Shim			
Pinion bear	ing adj. (shir	n, other)	Collapsible Spacer			
Driving whe	el bearing (I	lype)	Straight Roller			
	Capacity	[L (pt.)]	1.5 (3.25); 1.6 (3.55) Traction-Lok			
	Type recommended		ESP-M2C154-A; EST-M2C118-A Traction-Lok (Additive)			
Lubricant	CAF	Summer	SAE 90			
	SAE vis- cosity	Winter	SAE 90			
	number	Extreme cold	SAE 90			

Axle or Transaxle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage.)

Axle ratio (or overall top gear ratio)		3.08:1	2.73:1	3.27:1	3.45:1	
No. of	Pinion	12	15	11	11.	
teeth	Ring gear or gear	37	41	36	38	
Ring gear o.d.		190.5 (7.5)	190.5 (7.5)	190.5 (7.5)	190.5 (7.5)	
	Transfer gear ratio					
Transaxle	Final drive ratio					

Car Line	MUSTANG			
Model Year	1984	_Issued	9/83	Revised (•)

	Engine Description/Carb. Engine Code		3.8L/2V (232 CID)	3.8L/CFI				
			(232 0,22)					
Automat	ic Transm	ilssion/Transaxle						
Trade name			Automatic Overdrive (AOD)					
Type and s	pecial featur	es (describe)	Torque Converter with Planet	arv Gearset				
	Location		Floor					
Selector	Ltr./No. de	esignation	PRNDD1					
	R		2.00					
	D		0.67					
Gear ratios	L ₃		1.00					
101103	L ₂		1.47					
	L ₁	· · · · · · · · · · · · · · · · · · ·	2.40	 				
Max. upshif	t speed - dri	ve range [km/h (mph)]	102.4 (63.6)					
		drive range [km/h (mph		· · · · · · · · · · · · · · · · · · ·				
Min. overdr	ive speed [k	m/h (mph)]	68.1 (42.3)	· · · · · · · · · · · · · · · · · · ·				
	Number o	f elements	Three					
Torque	Max. ratio at stall		2.53					
converter	Type of c	ooling (air, liquid)	Liquid Passes Through a Heat Exchanger in Radiator					
	Nominal o	liameter	305 (12)	305 (12)				
	Capacity (refill L (pt.))		10.4 (22)					
Lubricant	·	mmended	ESP-M2C138-CJ	· · · · · · · · · · · · · · · · · · ·				
Oil cooler (external, ai	std., opt., NA r, liquid)	, internal,						
Axie or F	Front Whe	el Drive Unit						
Type (front,	rear)		Rear					
Description				0				
Limited stir	differential	(tyne)	Semi-Floating Type with Cast Center and Overhung Pinion Cone Clutch Type					
Drive pinior		(турст	25.4 (1.0)					
Drive pinior		 	Hypoid					
	rential pinior	18	Two					
	stment (shin		Shim					
	ing adj. (shir	<u> </u>	Collapsible Spacer					
	el bearing (Straight Roller					
	Capacity							
		ommended	FCP_M2C154_A, FCM_M2C110_A M	1.5 (3.25); 1.6 (3.55) Traction-Lok ESP-M2C154-A; EST-M2C118-A Traction-Lok (Additive)				
Lubricant	1,00 1000	Summer	SAE 90	action-Lok (Additive)				
Lubricani	SAE vis-	Winter	SAE 90					
	cosity		SAE 90					
	_	Extreme cold	DAE 30					
			ombinations (See "Power Teams" for axle ratio usag	e.)				
Axle ratio (or overall to	gear ratio)						
No. of	Pinion							
teeth	Ring gear	or gear						
Ring gear o	o.d.		See Page 9					
Transaxle	Transfer	gear ratio	3					
	Final driv	e ratio						

MVMA Specifications Form Passenger Car y)

Car Line	MUSTANG			•		·, .
Model Year	1984	_Issued	9/83	Revised	j (•)	

METRIC (U.S. Cu	stomary
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Engine	Description/Carb.
Engine	Code

5.0L/CFI	5.0L/4V
(302 CID)	

Automat	ic Transmission/Transaxle	(NOT AVAILABLE)
Trade name	•	Automatic Overdrive (AOD)
Type and s	pecial features (describe)	Torque Converter with Planetary Gearset
0-14	Location	Floor
Selector	Ltr./No. designation	PRNDD1
	R	2.00
_	D .	0.67
Gear ratios	L ₃	1.00
, 4, 1, 5	L ₂	1.47
	L ₁	2.40
Max. upshift speed - drive range [km/h (mph)]		96.4 (59.9)
Max. kickd	own speed - drive range (km/h (mph))	79.0 (49.1)
Min. overdr	rive speed [km/h (mph)]	57.6 (35.8)
	Number of elements	Three
Torque	Max. ratio at stall	2.28
converter	Type of cooling (air, liquid)	Liquid Passes through a Heat Exchanger in Radiator
	Nominal diameter	305 (12)
Lubricant	Capacity (refill L (pt.))	10.4 (22)
	Type recommended	ESP-M2C138-CJ

Axle or Front Wheel Drive Unit

Type (front, rear)			Rear		
Description		• *	Locker Only, Semi-Floating, Overhung Pinion		
Limited slip	differential	(type)	Cone		
Drive pinion	offset		25.4 (1.0)		
Drive pinion	(type)		Hypoid		
No. of differential pinions		ns	Two		
Pinion adjustment (shim, other)		n, other)	Shim		
Pinion bear	ing adj. (shir	m, other)	Collapsible Spacer, Shim		
Driving whe	el bearing (type)	Straight Roller		
	Capacity	[L (pt.)]	1.6 (3.55)		
	Type recommended		EST-M2C118-A		
Lubricant	SAE vis-	Summer	SAE 90		
	cosity	Winter	SAE 90		
		Extreme cold	SAE 90		

Axle or Transaxle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage.)

No. of teeth	Pinion	
	Ring gear or gear	0.856
ling gear o	.d.	- Gee Ase
Transaxie	Transfer gear ratio	56
	Final drive ratio	

Car Line	MUSTANG			
Model Year	1984	_Issued	9/83	Revised (•)

Engine Description/Carb. Engine Code

2.3L/1V(140 CID)

2.3L/EFI TURBO

	Shaft - C		tional Driv	/8	
	Type (straight tube, tube-in-tube, internal-external damper, etc.)			Internal Tuned Damper	
	Manual 3-speed trans.			N.A.	
Outer	Manual 4-s	speed trai	ns.	76.2 x 1185.9 x 1.65 (a) (3.00 x 46.69 x .065)	
diam. x length" x wall thick- ness	Manual 5-s	speed tra	ns.	N.A.	76.2 x 1157.0 x 1.65 (b) (3.00 x 45.55 x .065)
	Overdrive			N.A.	
	Automatic transmission			76.2 x 1217.4 x 1.65 (c) (3.00 x 47.93 x .065)	N.A.
Inter- mediate		Type (plain, anti-friction)		N.A.	N.A.
bearing	Lubrication (fitting, prepack)			N.A.	N.A.
	Туре	Туре		Tuned Damper (a & b), Plain (c)	
Slip yoke	Number of	Number of teeth		M4WR, C3-25	T5-28
	Spline o.d.	Spline o.d.		M4WR, C3-28.321 (1.11)	Max.; T5 30.988 (1.22) Max.
	Make and	mfg. no.	Front Rear	Ford 1310 Ford 1310	
	Number us	ed .	Hear	Two	
Jniversal		Type (ball and trunnion, cross)		Cross	
joints	Rear attacl	ı (u-bolt,	clamp, etc.)	12mm Bolts	
	Bearing	Type (plain, anti-friction)		Needle Roller	
	Southing	Lubric prepac	, (fitting, :k)	Prepack	
Drive taken arms or spri	through (torquings)	ue tube,		Control Arms	
Torque take arms or spri	en through (toi ings)	que tube	,	Control Arms	

^{*} Centerline to centerline of universal joints, or to centerline of rear attachment.

- (a) M4WR Manual
- T 5 OD (b)
- (c) C 3

Car Line	MUSTANG	
Model Year.	1984	_lssued9/83Revised (*)

Engine Description/Carb. Engine Code

3.8L/2V (232 CID)

3.8L/C.F.I.

tube, tube-in nal damper, e Manual 3-sp	etc.)	ns.	Straight Tube With Cardboard Liner	:
Manual 3-s		ns.	Cardboard Liner	
	oeed tra	ns.		
Manual 4 ee				
Magual 4 o			N.A.	
Manual 4 as				
Manual 4-speed trans.		ńs.	NT A	
			N•A•	
Manual 5-s	peed trai	ns.		
			N.A.	·
Overdrive			TAT. A	
Overdrive				•
Automatic transmission			2.75 x 47.19 x .065	
	_			
Type (plain, anti-friction)			N.A.	
Lubrication (fitting,				
prepack)			N.A.	•
Туре			Plain	
Number of teeth			28	
Spline o.d.			30.988 (1.22) Max.	
		Front	Ford 1310	
		Rear	Ford 1310	
Number use	d		Two	
Type (ball a	nd trunr	ion, cross)	Cross	
Rear attach	(u-bolt,	clamp, etc.)	12mm Bolts	
Bêarios	Lubric (fitting,		Needle Roller	
bearing			Prepack	
rough (torqui	e tube,			
ıs)			Control Arms	
through (toro	jue tube,	,	Control Arms	
	Overdrive Automatic tr (AOD) Type (plain, anti-friction Lubrication prepack) Type Number of tr Spline o.d. Make and mr Number use Type (ball a Rear attach Bearing	Automatic transmiss (AOD) Type (plain, anti-friction) Lubrication (fitting, prepack) Type Number of teeth Spline o.d. Make and mfg. no. Number used Type (ball and trunn Rear attach (u-bolt, anti-friction) Lubric, prepace (cough (torque tube, s))	Automatic transmission (AOD) Type (plain, anti-friction) Lubrication (fitting, prepack) Type Number of teeth Spline o.d. Make and mfg. no. Rear Number used Type (ball and trunnion, cross) Rear attach (u-bolt, clamp, etc.) Type (plain, anti-friction) Lubric, (fitting, prepack) rough (torque tube, s)	N.A.

^{*} Centerline to centerline of universal joints, or to centerline of rear attachment.

Car Line	MUSTANG		_	_		
Model Year_	1984	_lssued9	/83	.Revised	(+)	 _

Engine Description/Carb. Engine Code 5.0L/CFI (302 CID)

5.0L/4V

Propeller Shaft - Conventional Drive

	Shaft - C		tional phy	•	
internal-exte	ernal damper,	etc.)		Internal Tuned Damper	
	Manual 3-speed trans.		ns.	N.A.	
Outer	Manual 4-s	speed tra	ns.	N.A.	·
diam. x length* x wall thick- ness	Manual 5-s	speed tra	ns.	N.A.	76.2 x 1173.2 x 1.65 3.00 x 46.19 x .065
11633	Overdrive	Overdrive		N.A.	
	Automatic transmission (AOD)			76.2 x 1162.1 x 1.65 3.00 x 45.75 x .065	
Inter- mediate				N.A.	
bearing	Lubrication (fitting, prepack)			N.A.	
	Туре			Plain	
Slip yoke	Number of teeth		,	28	
	Spline o.d.			30.988 (1.22) Max	
	Make and r	Make and mfg. no.		Ford 1310	
			Rear	Ford 1310	
	Number us	ed		Two	
Universal	Type (ball a	and trunr	nion, cross)	Cross	
joints	Rear attach	ı (u-bolt,	clamp, etc.)	12mm Bolts	
	Bearing	Bearing Type (pl. anti-frict Lubric, (prepack		Needle Roller	
				Prepack	
Drive taken taken tarms or sprit	through (torqu ngs)	e tube,		Control Arms	
Torque take arms or spri	n through (tori	que tube	,	Control Arms	

^{*} Centerline to centerline of universal joints, or to centerline of rear attachment.

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car Line	MUSTANG			
Model Year	1984	_lssued_	9/83	Revised (•)

Body Type And/Or Engine Displacement

ALL MODELS WITHOUT QUADRASHOCK OPTION

Suspension - General

Car leveling	Std./opt./n.a.	N.A.		
	Type (air, hyd., etc.)			
	Manual/auto. controlled			
Provision fo	or brake dip control	Front Springs Mounted on Lower Control Arms		
Provision for accl. squat control		Unequal Length Upper/Lower Control Arms (Rear Suspension)		
Special pro car jacking	ovisions for	Side of Car - Outside Rocker Panel Flanges, Front & Rear		
Shock absorber (front & rear)	Туре	Direct DBl. Acting Hydraulic Front Struts & Rear Shocks		
	Make	Motorcraft (Koni on SVO Model)		
	Piston diameter	Front: 34.8 (1.37); Rear: 25.4 (1.0)		
	Rod diameter	Front: 22 (0.87); Rear: 1.1 (0.44)		

Suspension - Front

Type and description		Hybrid McPherson Strut w/Springs Mounted		
		on Lower Control Arm		
Travel	Full jounce	92.96 (3.66) at Wheel		
	Full rebound	84.84 (3.34) at Wheel		
Spring	Type (coil, leaf, other)	Coil		
	Material	SAE 5160 Stee1		
	Size (coil design height & i.d., bar length x dia.)	254 x 89.0 (10.0 x 3.50) (Coil) 2962 (116.6) (Bar Length): 15.6 (0.61) (Bar Dia.)		
	Spring rate [N/mm (lb./in.)]	Base - 65.0 (370); (a) 20.79 (119); (b) 72.0 (410)		
	Rate at wheel [N/mm (lb./in.)]	23,16 (132)		
Stabilizer	Type (link, linkless, frameless)	Link; Rubber Side Rail Insulator		
	Material & bar diameter	SAE 1090; Base 23.9 (.94); Handling 28.5 (1.12);		
		SVO 30.5 (1.20)		

Suspension - Rear

Type and description Drive and torque taken through			Four Bar Link Coil Spring on Lower Arm
		n through	Upper & Lower Control Arms
Travel	Full jounce		81,2 (3,20)
	Full rebound		123.9 (4.88)
Spring	Type (coil, leaf, other)		Coil Coil
	Material		SAE-5160-H Steel
	Size (length x width, coil design height & i.d., bar length & dia.)		102 x 220.7 (8.69 x 4.02) 2732 x 13.0 (107.6 x 0.51) 2678 x 13.2 (105.4 x 0.52)-SVO
	Spring rate [N/mm (lb./in.)]		28 (160) Base and Handling; 31 (175) SVO Handling
	Rate at wheel [N/mm (lb./in.)]		13.5 (77.2); 14.8 (84.4) SVO
	Mounting insulation (type)		Rubber
	if leaf	No. of leaves	
		Shackle (comp. or tens.)	
Stabilizer	Type (link, linkless, frameless)		Linkless (N.A. Standard Duty Suspension)
	Material & bar diameter		SAE 1090 Steel; 17.0 (.67) Handling & SVO
Track bar (type)			None

- (a) Base
- (b) Handling & SVO

METRIC (U.S. Customary)

Car Line	MUSTANG				
Model Year _	1984	_Issued	9/83	Revised (*)	

Body Type And/Or Engine Displacement

ALL MODELS WITH QUADRASHOCK OPTION

Suspension - General

	Std./opt./n.a.	N.A.				
Car leveling	Type (air, hyd., etc.)					
	Manual/auto. controlled					
Provision for	or brake dip control	Front Springs Mounted on Lower Control Arm				
Provision fo	or accl. squat control	Unequal Length Upper/Lower Control Arms (Rear Suspension)				
Special pro car jacking	ovisions for I	Side of Car - Outside Rocker Panel Flanges, Front & Rear				
Charle	Туре	(a)				
Shock absorber (front &	Make	Tokiko Struts & RR Vertical Shock Absorbers (b)				
	Piston diameter	Front 34.8 (1.37); Rear 25.4 (1.00); Damper 25.4 (1.00)				
rear)	Rod diameter	12.5 (0.50)				

Suspension - Front

Type and description		Hybrid McPherson Strut w/Springs Mounted on Lower Control Arms			
- .	Full jounce	92.96 (3.66) At Wheel			
Travel	Full rebound	84.84 (3.34) At Wheel			
	Type (coil, leaf, other)	Coil			
	Material	SAE 5160 Steel			
Spring	Size (coil design height & i.d., bar length x dia.)	254 x 89.0 (10.0 x 3.50) Coil 2962 (116.6) Bar Length; 15.6 (0.61) Bar Diameter			
	Spring rate [N/mm (tb./in.)]	Base-65.0 (370); (a) 20.79 (119); (b) 72.0 (410)			
	Rate at wheel [N/mm (lb./in.)]	23.16 (132)			
Stabilizer	Type (link, linkless, frameless)	Link; Rubber Side Rail Insulator			
	Material & bar diameter	SAE 1090, Base 23.9 (.94); Handling 28.5 (1.12)			

Suspension - Rear

Type and description			Four Bar_Link Coil Spring on Lower Arm
Drive and to	orque take	n through	Upper & Lower Control Arms
Travel	Full jou	Ince	78.72 (3.10)
110401	Full ret	oound	122.12 (4.81)
	Type (d	coil, leaf, other)	Coil
	Materia		SAE 5160-H Steel
	Size (length x width, coil design height & i.d., bar length & dia.)		102 x 220.7 (8.69 x 4.02) 2790 x 13.7)109.8 x .54)
Spring	Spring	rate [N/mm (lb./in.)]	35 (200)
	Rate at	wheel (N/mm (lb./in.))	16.9 (96.4)
	Mounti	ng insulation (type)	Rubber
	1f	No. of leaves	A 40
	leaf	Shackle (comp. or tens.)	
Stabilizer	Type (I	ink, linkless, frameless)	Linkless (N.A. Standard Duty Suspension)
	Materia	al & bar diameter	SAE 1090 Steel, Handling 17.0 (.67)
Track bar (type)		None

⁽a) Double Acting Gas Pressurized Front Struts and Rear Vertical Shock Absorbers with Horizontal Double Acting Hydraulic Axle Dampers.

(b) With Gabriel/Maremont Horizontal Axle Dampers.
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METRIC (U.S. Customary)

Car Line	MUSTANG			
Model Year_	1984	_issued	9/83	Revised (*)

Body	Type	And/O	r
Engin	e Dis	placem	ent

ALL MODELS (EXCEPT SVO)

Description				,	Four Wheel Hydraulic Actuated System	
Brake type		F	ront (disc or d	rum)	Disc	
(std., opt., n.a	.)	R	lear (disc or di	um)	Drum	
Self-adjustir	g (std., (opt., n.a.)			Standard	
Special valving	Type (proportion, de	elay, metering,	other)	Pressure Differential and Proportioning	
Power brake	(std., o	ot., n.a.)	······		Optional With 2,3L Engine: Mandatory With All Others	
Booster type	(remote	. integral, va	ic., hyd., etc.)		220 (8.66) Single Diaphragm - Integral Vacuum	
Vacuum sou	rce (inli	ne, pump, etc	c.)			
Vacuum res	ervoir (v	olume in.3)				
Vacuum pur if other so s		(elec., gear d	Iriven, belt driv	ren,		
Anti-skid de	vice typ	e (std., opt., r	na) (F/R)		N.A.	
Effective are	a (cm²(in. ²)] •			Front - 212 (32.9): Rear - 302.6 (46.9)	
Gross lining	area (c	m ² (in. ²)}** (F	/R)		Front - 231 (35.8): Rear - 331.6 (51.4)	
Swept area	cm ² (in.	²)]*** (F/R)			Front - 1140 (176.6); Rear - 638.7 (99.0)	
	Outer v	working diam	eter	F/R	255.5 (10.06)	
	Inner v	orking diam	eter	F/R	158 (6,22)	
Rotor	Thickn	Thickness F/R		F/R	22.1 (0.87)	
	Materia	al & type (ver	nted/solid)	F/R	Cast Iron Vented	
	Diamet	ter (nominal) F/R		F/R	228.6 (9.0)	
Drum	Type a	nd material		F/R	Cast Iron Composite	
Wheel cylin	ier bore				19.05 (.75)	
Master cylin	der	Bore/stroke	•	F/R	21 (0.83) Bore x 35.43 (1.40) Stroke	
Pedal arc ra	tio				5.80:1 Manual, 3.50:1 Power	
Line pressu	re at 44	5 N (100 lb.)	pedal load [kl	Pa (psi)]		
Lining clear	ance pe	r shoe		F/A	0.13 (.005)Front; 0.38 (.015)Rear	
		Bonded or r	iveted (rivets/	seg.)	Riveted	
	. '	Rivet size			Inboard 4.6x10.2(.18x0.4) Outboard 4.6x7.5(.18x.295)	
		Manufacture	er		Thiokol - 2.3L; Bendix - All Others	
	Front	Lining code	·		TP-1353MFF: BX-XO-EE	
	wheel	Material			Molded Asbestos-2, 3L Semi-Metallic-All Others	
		Prin	mary or out-bo	ard	155 x 44 x 10.2 (6.1 x 1.7 x 0.4)	
	ļ		condary or in-l		119 x 44 x 10.2 (4.7 x 1.7 x 0.4)	
Brake -	<u></u>		ess (no lining		5.1 (.203)	
lining			riveted (rivets/	seg.)	Riveted Primary 8 Secondary 10	
		Manufactur		-	Bendix FMD Primary 3198 Secondary 3199	
	Rear	Lining code	·		PRI. BX RY FE SEC. BX PM FE	
	wheel	Material			Molded Asbestos	
	!	 	mary or out-bo		155 x 44 x 4.7 (6.12 x 1.75 x .187)	
	1		condary or in-l		219 x 44 x 6.2 (8.63 x 1.75 x .245)	
	1	Shoe thickn	ness (no lining)	1.709 (.0673)	

^{*} 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 thickness.

METRIC (U.S. Customary)

Car Line_	MUSTANG				
Model Yea	r 1984	lssued	9/83	Revised (*)	

Body	Тур	e A	nd/O	r
Engin	e D	isple	cem	eni

SVO MODEL		

Brakes - Service

Manufacturer	Brakes -	- Serv	ice					
Sell-sdusting listd.opt, na)	Description	l				Four Wheel Hydraulic Actuated System		
Self-adjusting (atd. opt. n.a)				Front (disc or d	drum)	Disc		
Type (proportion, delay, metering, other)	(std., opt., n.a.) Rear (disc or drum)		lrum)	Disc				
Pressure Differential and Proportioning	Self-adjust	ing (std.	opt., n.a	a.)		Standard		
Standard Standard		Туре	(proport	ion, delay, metering	, other)	Pressure Differential and Proportioning		
Vacuum reservoir (volume in 3)	Power brak	e (std. d	opt., n.a.)					
Vacuum pump-type (elde., gear driven, bell driven, if other so state)	Booster typ	e (remo	te, integ	ral, vac., hyd., etc.)		6" Tandem		
Vacuum pump-type (elec. gear driven, belt driven, if other so state)	Vacuum so	urce (in	line, pun	np, etc.)		- 4		
Anti-skid device type (sid, opt, n.a) (F/R)	Vacuum re	servoir (volume i	_{in,} 3)				
Front - 246.3 (38.2); Rear - 178.8 (27.7)	Vacuum pu if other so	mp-type state)	elec., ç	gear driven, belt dri	ven,			
Front - 246.3 (38.2); Rear - 178.8 (27.7)	Anti-skid d	evice ty	pe (std.,	opt., n.a.) (F/R)		NΔ		
Seep area Composition Front Front Front 257.7 (39.9); Rear 225.8 (35.0)								
Swept area (cm²(in²) *** (F/R) Front - 1429.5 (221.6); Rear - 1356.8 (210.4)	Gross lining	g area (d	m ² (in. ²)]** (F/R)	- , -			
Outer working diameter F/R Front - 277.24 (10.915); Rear - 285.8 (11.25)	Swept area	(cm²(in	.2)]*** ([F/R)				
Inner working diameter					F/R			
Thickness					F/R			
Material & type (vented/solid) F/R	Rotor	Thick	 		F/R			
Drum Diameter (nominal) F/R Steel Composite Vented		Mater	al & type	e (vented/solid)	F/R			
Type and material F/R					F/R			
Master cylinder Bore/stroke F/R Front - 28.58 (1.125); Rear - 34.98 (1.377)	Drum	Туре	and mate	erial	F/R	······································		
Boded or riveted (rivets/seg.) Front Fro	Wheel cylin				1	73.0 (2.87)		
Pedal arc ratio 3.50:1 Power	Master cyli	nder	Bore/s	stroke	F/B	<u> </u>		
Line pressure at 445 N (100 lb.) pedat load [kPa (psi)]	Pedal arc r	atio	<u> </u>					
Description Fig. Front Fig. Front Fig. Front Fig. Front Fig. Riveted Riveted Rivetsize 4.83 (.190)	Line pressu	re at 44	5 N (10	0 lb.) pedal load [ki	Pa (psi)]	010011 10001		
Bonded or riveted (rivets/seg.) Riveted						Front - 254 (10): Rear - 431 (017)		
Rivet size		T	Bonde	d or riveted (rivets/s				
Front Lining code TP-1353MFF Material Molded Asbestos			Rivet s	ize				
Front wheel Lining code TP-1353MFF Material Molded Asbestos			Manufa	acturer				
Wheel Material Molded Asbestos		Front	Lining	code				
Primary or out-board 162.1 x 43.39 x 8.1 (6.38 x 1.71 x .317)			Materia	al				
Size Secondary or in-board 136.9 x 44.9 x 9.3 (5.39 x 1.77 x .367)			••••	Primary or out-bo	ard			
Shoe thickness (no fining) 5.1 (.203)			Size	Secondary or in-b	oard			
Bonded or riveted (rivets/seg.) Riveted	Brako		Shoe th	nickness (no lining)				
Manufacturer	lining		Bonded	d or riveted (rivets/s	seg.)			
Rear Lining code TP-1353H-FF Material Molded Asbestos Molded Asbestos Molded Asbestos Size Secondary or in-board 156.5 x 40.5 x 10.0 (6.16 x 1.59 x .394) Molded Asbestos -	1	Manufa	acturer					
wheel Material Molded Asbestos ***** Primary or out-board 156.5 x 40.5 x 10.0 (6.16 x 1.59 x .394) Size Secondary or in-board 156.5 x 40.5 x 10.0 (6.16 x 1.59 x .394)		Rear	Lining	code				
Primary or out-board 156.5 x 40.5 x 10.0 (6.16 x 1.59 x .394) Size Secondary or in-board 156.5 x 40.5 x 10.0 (6.16 x 1.59 x .394)			Materia	al		Molded Ashestos		
Size Secondary or in-board 156.5 x 40.5 x 10.0 (6.16 x 1.59 x .394)					ard			
· · · · · · · · · · · · · · · · · · ·			Size					
		Ì	Shoe th	nickness (no lining)		5.0 (.197)		

^{*} 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 Work Ing Dia. minus Square of Inner Working Dia. multiplied by Pi/2 for each brake.)

^{****} Size for drum brakes includes length x thickness.

Car Line	MUSTANG				
Model Year	1984_	Issued	9/83	Revised (•)	

	_		
METRIC	(U.S.	Custom	ary)

Body Type And/Or Engine Displacement			ALL MODELS				
Tires #	and Wheels (Standard)					
	Size (load range	e, ply)	P185/75R14				
	Type (bias, radi	al, etc.)	Steel Belted Radial				
Tires	Inflation pressure (cold) for recommended	Front [kPa (psi)]	241 (35)				
	max. vehicle load	Rear [kPa (psi)]	241 (35)				
	Rev./mile-at 70	0 km/h (45 mph)	1385.6 (861)				
	Type & material		Steel Stamped				
	Rim (size & flan	ge type)	356 x 127 (14 x 5) JJ				
Wheels	Wheel offset		28.45 (1.12)				
		Type (bolt or stud)	Stud				
	Attachment	Circle diameter	108 (4,25)				
	L	Number & size	Four $-\frac{1}{2}$ = 20				
Spare	Tire and wheel other describe)	(same, if	250 kPa B78-14 (Economy Spare) with 14 x 5.0 Steel Wheel 36 PSI				
	Storage position (describe)	n & location	Flat Position, Deep Well in Trunk				
	and Wheels (Optional)					
	ad range, ply)		P185/75R14 WSW				
	as, radial, etc.)		Steel Belted Radial				
	ype & material) e, flange type and	1 offeet)	Styled Steel 356 x 127 (14 x 5.5) JJ, 28.45 (1.12) Offset				
	e, nange type and ad range, ply)	1 QIISEI/	356 x 127 (14 x 5.5) JJ, 28.45 (1.12) Offset				
	as, radial, etc.)						
		(-)	G+1 G+ A1				
	type & material) e, flange type and	(a)	Steel or Cast Aluminum 356 x 127 (14 x 5.5) JJ, 28.45 (1.12) Offset (b)				
		3 011560	P205/70R14 (Handling Only)				
	ad range, ply)						
	as, radial, etc.) type & material)	(a)	Steel Belted Radial				
	e, flange type and	17	Cast Aluminum				
	ad range, ptyl	-	220/55R390				
	as, radial, etc.)		Steel Belted Radial				
Wheel (type & material)		TRX Cast Aluminum				
Rim (siz	e, flange type and	d offset)	390 x 150 (15.35 x 5.9), 25.4 (.99) Offset				
Spare til	e and wheel						
(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		scribe I/or wheel	Base Steel Road Wheel 14 x 5.0 or 14 x 5.5 with Tire Matching Other Four Tires (Conventional Spare). Flat Position, Deep Well in Trunk				
Brakes	s — Parking						
Type of control			Pull Lever - Push Button Release				
Location of control			Tunnel Mounted				
Operate	s on		Rear Service Brakes				
14	Type (inte	rnal or external)					
if sepa- rate from	n Drum dian	neter					
service brakes		e (length x ickness)					
-/							

(a) Cast Aluminum Optional for All 14" Tires; 14 x 5.5 JJ Rim w/28.4 (1.12) Offset (b) Heavy Duty Arc Weld Steel Wheel

MVMA-C-84

Car Line MUSTANG

Model Yea. 1984 Issued 9/83 Revised (*)

Body Type And/Or Engine Displacement			SVO MODEL
Tires A	and Wheels (Standard)	
	Size (load rang	e, ply)	225/50VR16
	Type (bias, radi	ial, etc.)	Steel Belted Radial
	Inflation	1	Occel belled Raulal
ires	pressure (cold) for recommended max. vehicle	Front [kPa (psi)]	193 (28)
	load	Rear [kPa (psi)]	193 (28)
	Rev./mile-at 7	0 km/h (45 mph)	1385.6 (861)
	Type & materia	1	Cast Aluminum
	Rim (size & flan	ige type)	406 x 178 (16 x 7)
#/h 1 -	Wheel offset		44.5 (1.75)
Wheels		Type (bolt or stud)	Stud
	Attachment	Circle diameter	114 (4.50)
		Number & size	Five 1/2 - 20
	Tire and wheel		· · · · · · · · · · · · · · · · · · ·
	other describe)		Mini-Spare-T125/80D16 BSW 415 KPA 60 PSI with 16 x 4 JM
Spare	Cinco	- • laa-+:	Steel Stamped Wheel Temporal Spare
	Storage position (describe)	ii & location	Place Books and Books at the control of
			Flat Position, Deep Well in Trunk
Tires A	nd Wheels (Optional)	(NOT AVAILABLE)
Size (loa	d range, ply)		· · · · · · · · · · · · · · · · · · ·
Type (bia	as, radial, etc.)		
Wheel (t	ype & material)		
Rim (size	e, flange type and	d offset)	
Size (loa	d range, ply)		· · · · · · · · · · · · · · · · · · ·
Type (bia	as, radial, etc.)		
Wheel (ty	ype & material)		
Rim (size	, flange type and	d offset)	
Size (loa	d range, ply)		
Type (bia	s, radial, etc.)		
* -	pe & material)		
	, flange type and	d offset)	
	d range, ply)		
	is, radial, etc.)		
	/pe & material)		
	, flange type and	1 offset)	
	e and wheel		
(if cor road t option	ofiguration is diffice or wheel, des lal spare tire and on & storage pos	cribe I/or wheel	
Brakes	- Parking		
ype of c	control		
ocation	of control		<u> </u>
Operates			
		rnal or external)	638
f sepa-	Drum diam		2 ⁷
rate from service brakes	Lining size	e (length x	Same as Page 13

METRIC (U.S. Customary)

Car Line	MUSTANG		_		_
34 . –	1984		0./00		
Model Year_		_Issued	9/83	Revised (•)	_

Body	Туре	And/Or
Engin	e Dis	placement

ALL MODELS

Steering	9			<u></u>			
Manual (st	ld., opt., n.a.)		Standard (N.A. w/SVO model)			
Power (std	Power (std., opt., n.a.)			Optional, Mandatory With 5.0L, Std. w/SVO Model			
Adjustable Type and description (tilt, swing, other)			Tilt - 5 Positions				
		(Std., opt., i	1.4.)				
Wheel dia	meter	Power	···				
	1	Wall to wa	11 (1 2 2)	Std. 368 (14.5) With 6.4 (0.25) Offset			
Turning	Outside front	Curb to cu		11 70 (77 7()			
diameter				11.39 (37.36)			
m (ft.)	Inside	Wall to wa					
		Curb to cu	rb (l. & r.)				
Scrub Rad	lius	17	<u> </u>	D 1 1 D1 1 (N A 1/CNO No.101)			
		Туре		Rack and Pinion (N.A. w/SVO Model)			
	Gear	Make	T	Cam Gear Ltd.			
Manual	1.	Ratios	Gear	10.66 Deg./mm of Rack Travel			
	-	1	Overall	24.93:1 on Center; 21.69:1 at Stops			
		No. wheel turns (stop to stop)		4.08			
		Type (coaxial, linkage, etc.)		Integral Rack and Pinion			
	Make	Make		(a)			
		Туре		Rack and Pinion (Variable Ratio) (b)			
Power	Gear	Ratios	Gear	8.58 Deg./mm on Center; 7.91 Deg./mm at Stops (b)			
		Overall		20.00:1 on Center; 15.97:1 at Stops (b)			
	Pump (d	Pump (drive)		Belt Off Crankshaft PUlley			
***	No. whee	. wheel turns (stop to stop)		3.05 (b)			
	Туре			Rack & Pinion (Rod & Ball Joint Direct Attach. to Gear)			
Linkage		Location (front or rear of wheels, other)		Front of Wheels			
	Drag link	s (trans. or l	ongit.)	N.A.			
	Tie rods	Tie rods (one or two)		Two (Integral with Gear)			
	Inclination	on at camber	(deg.)	15.7			
Steering		Upper		Strut Mount			
axis	Bearings (type)	Lower		Ball Joint			
	(type)	Thrust					
Steering s	pindle & joi	nt type		Forged Spindle, with Ball Joint			
	I	Inner bear	ng	34.8 (1.37)			
Wheel	Diamete	Outer bear	ing	21.8 (0.86)			
spindle	Thread	·		13/16-20 UNEF 2A R.H. Thread			
	Bearing	(type)		Tapered Roller			
(-\ n-	_	. D 1		fig. 11 pp M2C170 CT			

(a) Base-gear Ford, pump Ford, fluid ESP-M2C138-CJ SVO -gear TRW, pump Ford, fluid ESP-M2C138-CJ

(b) Handling Suspension:

Gear Type - Constant Ratio Gear Ratio - 6.44 deg/mm

Overall Ratio - 15.00:1 On Center, 13.00:1 at Stops

No. Wheel Turns - 2.46 (Stop to Stop)

(METRIC (U.S. Customary)

MUSTANG Car Line_ Model Year 1984 issued 9/83 Revised (*)_

Body	Type	And/Or	•
Engin	e Dis	placeme	ent

ALL MODELS

Wheel Alignment

		Caster (deg.)	$1.25^{\circ} \pm 0.75^{\circ}$ (a)
	Service checking	Camber (deg.)	$0^{\circ} \pm 0.75^{\circ}$ (a)
	Gricciang	Toe-in (outside track-mm (in.))	$5 \pm 3 \ (.18 \pm .12) \ (b)$
Front		Caster	$1.25^{\circ} \pm 0.75^{\circ}$ (a)
wheel at curb mass	Service	Camber	$0^{\circ} + 0.75^{\circ}$ (a)
(wt.)	reset	Toe-in	5 + 3 (.18 + .12) (b)
	Periodic	Caster	$1.\overline{25}^{\circ} + 2.0^{\circ}$
	M.V. in-	Camber	$0^{\circ} \pm 2.0^{\circ}$
	spection	Toe-in	$+ 5 \pm 6 (.18 \pm .25)$
	Service checking	Camber (deg.)	N.A.
_		Toe-in (outside track-mm (in.))	N.A.
Rear wheel at	Service	Camber	N.A.
curb mass (wt.)	reset*	Toe-in	N.A.
	Periodic	Camber	N.A.
	M.V. in- spection	Toe-in	N.A.

^{*} Indicates pre-set, adjustable, trend set or other.

Electrical - Instruments and Equipment

Туре	Pointer					
Trip odometer (std., opt., n.a.)	Std.					
ance Indicator	None					
Туре	Ammeter (Shunt) 45° Pointer (Warning Light-SVO)					
Warning device	None					
Туре	Electric Gauge, 45° Pointer					
Warning device	None					
Туре	Electric Gauge, 45° Pointer					
Warning device	None					
Туре	Electric Gauge, 45° Pointer					
Warning device	Low Fuel Warning Light in Console - Optional (c)					
Type (standard)	Two-Speed Electric (Column Mounted Control)					
Type (optional)	Interval Wipe (Column Mounted Control)					
Blade length	406.4 (16.0)					
Swept area [cm ² (in. ²)]	4817.5 (746.9)					
Type (standard)	Electric Pump (Impeller Type)					
Type (optional)	None					
Fluid level indicator	Optional (Warning Light) (c)					
Туре	Air Electric					
Number used	One Hi-Pitch Std, One Lo-Pitch Opt; Two Std SVO					
	(c) Electronic Graphic Display Indicator System in					
	Console (Opt.) Also Includes Lamp-out Indicator					
ee Page 15A						
	for Headlamps, Taillamps or Brake Lights, and Low Fuel Warning Light (N.A. with SVO model).					
	Trip odometer (std., opt., n.a.) ance Indicator Type Warning device Type Warning device Type Warning device Type Warning device Type Warning device Type Warning device Type (standard) Type (optional) Blade length Swept area [cm²(in.²)] Type (standard) Type (optional) Fluid tevel indicator Type					

⁽a) Max. side to side difference not to exceed 0.75° (b) Steering wheel spokes (clear vision) must be within + 10° of horizontal after toe setting

METRIC (U.S. Customary) SUPPLEMENTAL PAGE

Car Line	MUSTANG			
Model Year.	1984	_lssued	9/83	Revised (*)

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
- . 6000 RPM Tachometer (Standard w/4, 6 or 8-Cylinder Engine, N.A. W/2.3L Turbo)
- . 7000 RPM Tachometer (Optional w/5.0L H.O. Engine)
- . 8000 RPM Tachometer (Standard W/2.3L Turbo)
- . Headlamps "ON" Warning Buzzer
- Warning Light for Excessive Boost or Hot Engine Oil (w/Optional 2.3L Turbo)
- Electronic Digital Clock (Optional w/4, 60R8 cylinder, standard w/2.3L Turbo)
- . Up-Shift Indicator Light (Optional w/2.3L MTX, Not available Canada)
- . Premium/Regular Unleaded Fuel Octane Section Switch (Standard w/SVO Model Only)

Car Line	MUSTANG			
Model Year_	1984	lssued	9/83	Revised (*)

Engine De Engine Co	sscription/Carb. ode		2.3L/1V (140 CID)	2.3L/EFI TURBO
Electric	al — Supply System	m		
	Make		Motorcraft	
	Model, std., (opt.)		Standard	
	Voltage	=	12 Volt	
	Amps at 0°F cold cr		310	450
Battery	Minutes-reserve car		60	90
•	Amp/hrs 20 hr. rat		36	
	Ampinia 20 fit. rai		30	
	Location		Right - Front Corner	of Engine Compartment
Generator	Type and rating		3-Phase, Full Wave Bri	dge Rectified, Self-Limiting
or	Ratio (alt. crank/rev.)	2.31:1 (a)	
alternator	Optional (type & rati	ng) 10300	ElZF-AA (40 Amp) Std.	(a)
Regulator		10316	Electronic E4TF-AA	
	 			
Electric	al - Starting Syst	em		
Start, mot			260-285 Amps.	
	Engagement type		Positive	· · · · · · · · · · · · · · · ·
Motor drive	Pinion engages	*		<u></u>
unve	from (front, rear)		Front	
-		 		
Electric	eal — Ignition Syste	em e		
	Conventional (std., o	pt., n.a.)	N.A.	·•
Туре	Electronic (std., opt.,	n.a.)	Standard	
	Other (specify)		N.A.	
	Make		Motorcraft	Autolite
	Model	-12029-	E3EF-AA	-
Coil	Engine	stopped - A	6.5	
	Current Engine	idling - A	3.2	
	Make		Motorcraft	Autolite
	Model	 	AWSF-44	AWSF-32
Spark	Thread (mm)		14	
plug	Tightening torque [N	I-m (lb. ft.)]	13.6-20 (10-15)	
	Gap		1.12 (.044)	.086 (0.034)
	Make		Motorcraft	
Distributo	Model		Universal	· · · · · · · · · · · · · · · · · · ·
Electric	al - Suppression			
		· · · · · · · · · · · · · · · · · · ·	Capacitor in Alternate	or, Resistor Spark Plugs and
				on Wire. Ground Cable - Engine
Lacationa	. P. turno			Hood Bond, RF Shielding Material.
Locations	a type			
			Cound A-m to Dedic	o only). Ground Strap - Premium
(a) C	Optional Altern	etors	Sound Amp to Radio.	Davies B-44
	Non-A/C Applic			Drive Ratio
7	THOU - WA O WANTED	a of Oil)	·	
E	ElZF-DA (40 Amt	os) With	Power Steering	2.31:1
	_			عد و عدل و مد
	(A/C Application		_	
E	ELZF-CA (60 Amp	e) Less	Power Steering	2.31:1
E	ELZF-BA (60 Amp	os) With	Power Steering	2.42:1

MUSTANG Car Line_ Model Year 1984 9/83 _lssued_ Revised (*) _

	_	
METRIC	(U.S.	Customary)

Engine Desc Engine Cod	cription/Carb le		3.8L/2V (232 CID)			
Electrical	l — Supply	System				
	Make		Motorcraft			
	Model, std.	(opt)	Standard			
	Voltage	1 (0)	12 Volt			
	·- ·	F cold crank	380			
Battery	Minutes-reserve capacity		75			
	Amp/hrs		45			
	Location		Right Front of Engine Compartment			
	Type and r	ating	3-Phase Full Wave Bridge Rectified, Self Limiting			
Generator or	Ratio (alt. o		3.36:1 (a)			
alternator	Optional (t	ype & rating) 10300	E2DF-AA (40 Amp) Std. (a)			
Regulator	Туре	10316	Electronic E4TF-AA			
	- 					
Electrica	l – Startir	ng System				
Start, motor	Current dra	sin at 0°F	260-285 Amps			
	Engagemer	nt type	Positive			
Motor drive	Pinion eng from (front,		Front			
Electrica	i – Ignitio	n System				
	Convention	nal (std., opt., n.a.)	N.A.			
Type	Electronic	(std., opt., n.a.)	Standard			
	Other (spe	cify)	N.A.			
	Make		Motorcraft			
.	Model		E4SF-AB			
Coil	Current	Engine stopped — A	5.0			
	Cundin	Engine idling — A	6.5			
	Make		Motorcraft			
	Model		AWSF-54			
Spark	Thread (mr	n)	14			
plug	Tightening	torque [N-m (lb., ft.)]	9-16 (7-12)			
	Gap		1.12 (.044)			
D1-1-151	Make		Motorcraft			
Distributor	Model		E4ZE_AA			
Electrica	ıl — Suppr	ession				
Locations &	type		Capacitor in Alternator, Resistor Spark Plugs, Resistance Ignition Wire, Ground Cable - Engine to Dash, Hood Bond. Ground Strap - Premium Sound Amp to Radio.			
		Alternator 60 Amp) 3.8L	Drive Ratio With A/C 3.36:1			

 MUSTANG

 Model Year
 1984
 Issued
 9/83
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Engine Desc Engine Cod	cription/Carl le	b .	5.0L/CFI 5.0L/4V (302 CID)	
Electrica	1 – Supply	v Svatem		
	Make	, 0,0.0	Motorcraft	_
	Model, std	(ont)		_
	Voltage	-, (Opt.)	Standard	
		*F cold crank	12 Volt	
Battery		serve capacity	90 310 60	
		20 hr. rate		
	7.1.107.113.	EO III. Tato	36	
	Location		Right Front of Engine Compartment	
Generator	Type and		3-Phase Full Wave Bridge Rectified, Self-Limiting	
or alternator		crank/rev.)	2.68:1 3.00:1	
		ype & rating) 10300	E27F-BA (60 Amp) Std. (c) E1ZF-FA (60 Amp) St	d.
Regulator	Туре	10316	Electronic E4TF-AA	
Electrica	l — Starti	ng System		
Start, motor	Current dra		290-315 Amps	_
Motor	Engageme	nt type	Positive	
drive	Pinion eng from (front		Front	
Electrica	l — Ignitic	on System		
		nal (std., opt., n.a.)	N.A.	
Туре		(std., opt., n.a.)	Standard	—
	Other (spe	 	N.A.	
	Make	 <u>.</u>	Autolite	
	Model		1.001100	
Coil	C	Engine stopped - A	5.0	
	Current	Engine idling — A	2.5	
	Make		Autolite	
	Model	· 	ASF-42	
Spark	Thread (mr	n)	14	
plug	Tightening	torque (N-m (lb., ft.))	14 - 20.3 (10-15)	—
	Gap	 	1.12 (.044)	_
	Make	· · · · · · · · · · · · · · · · · · ·	Ford	_
Distributor	Model			
Electrical	l – Suppr	ession		
Locations &	type		Capacitor in Alternator, Resistor Spark Plugs, Resistance Ignition Wire, Ground Cable - Engine to Desh, Hood Bond. Ground Strap - Premium Sound Amp to Radio	
a) <u>Op</u>	tional A	Alternator	Drive Ratio	
E2	5F-BA (6	60 Amp) 3.8L W	ith A/C 3.36:1	

Car Line	_MUSTANG		
Model Year	,	 1983	Revised (*)

Body Type ALL MODELS **Body — Miscellaneous Information** Type of finish (lacquer, enamel, other) Enamel (Acrylic) Hinge location (front, rear) Rear Type (counterbalance, prop) Prop Hood Release control (internal, external) Primary - Internal, Secondary - External Type (counterbalance, other) Counterbalance (2-Door & Conv.) Trunk tid Internal release control (elec., mech., n.a.) Electric (with Power Lock Group) Type (counterbalance, other) Gas Cylinders (3-Door) Hatch back lid Internal release control (elec., mech., n.a.) Electric (with Power Lock Group) Polyurethane Fascia - 5.8 lb. Bar material & mass (wt.) Bumper front Reinf. Behind Fascia - HSLA 50 Steel - 29.3 1b. Reinforcement material & mass (wt.) Bar material & mass (wt.) Polyurethane Fascia - 9.5 lb. (Must) Bumper rear Reinf. Behind Fascia - HSLA 50 Steel - 29.6 lb. Reinforcement material & mass (wt.) Front None Vent window control (crank, friction pivot, power) Rear None Front Stamped Frame - Coil Spring & Flexolator - Foam Pad Integral Frame & Foam Pad Assembly Seat cushion type 3rd seat None Front Stamped Frame - Foam Pad Rear Frame Hard Board with Foam Pad Assembly Seat back type 3rd seat None Vehicle ident, no. location Cowl Top Panel Frame Unitized Construction (Bolt-On #2 Crossmember) Type and description (separate frame, unitized frame, partially-unitized frame) Glass 2-DOOR CONVERTIBLE 3-DOOR H121 Backlight slope angle (deg.) <u>62</u>.3° 57.5° 54.5° Windshield slope angle (deg.) H122 58.0° 25.5° Tumble-Home (deg.) W122 24.9⁰ 24.9° Windshield glass exposed 8114.0 (1257.6) S1 8114.0 (1257.6) 7219.9 (1118.0) surface area [cm²(in.²)] Side glass exposed surface S2 8101.1 (1255.6) 7303.2 (1132.0) area [cm2(in.2)] 8312.7 (1288.4) Backlight glass exposed **S**3 8568.9 (1328.1) 8582.5 (1330.2) 3722.6 (577.0) surface area (cm2(in.2)) Total glass exposed surface **S4** 24784.1 (3841.3) 25009.2 (3876.2) 18238.7 (2827.0) area [cm2(in.2)] Windshield glass (type)

Side glass (type)

Backlight glass (type)

LAMINATED

TEMPERED

TEMPERED

Car Line	MUSTANG				
Model Year	1984	. Issued	9/83	Revised (*)	_

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE			 		
Ref. No.	ALL	MODELS			
_					

Restraint System

	Standard/Deluxe optional	Rear: Color Keyed Webbing Front: Color Keyed Webbing w	with Tension Eliminator
Active restraint system	Type and description	Continuous Loop - Front	Lap Only - Rear
	Location	2 Seat Belts - Front	2 - Rear
	Standard/ optional	N.A.	
Passive	Power/ manual	N.A.	
seat belts	2 or 3 point	N.A.	
	Knee bar/ lap belt	N.A.	

Car Line	MUSTANG			
Model Year	1984	_lssued	9/83	Revised (•)

Body Type	•	ALL MODELS
Conveni	ience Equipment	
	Side windows	Optional
Power windows	Vent windows	N.A.
windows	Backlight or tailgate	N.A.
Power sea well as ava	ts (specify type as ailability)	N.A.
Reclining front seat back (r-I or both)		Both Standard
Radio (spe well as ava	ecity type as ailability)	Base: AM Standard; AM/FM Monaural, AM/FM/MPX, AM/FM/MPX Cassette Optional. SVO Model: AM/FM/MPX Standard; AM/FM/MPX Cassette Optional.
Premium s	sound system (specify)	Optional with Any MPX Radio (Amplifier and Upgraded Rear Speakers). Standard w/SVO Model
Rear seat	speaker	Standard with All Stereo Radio Options (Two Required)
Power ante	enna	N.A.
Clock		Digital Electronic - Optional Base: Standard SVO
Air conditi	oner (specify type)	Optional-Integral on Inst. Panel (Multiple Outlets), Manual Contro
Speed war	rning device	N.A.
Speed con	ntrol device	Optional Base; N.A. SVO
Ignition lo	ck lamp	N.A
Dome lamp	p	Standard
Glove com	partment lamp	Optional Base; Standard SVO
Luggage c	compartment lamp	Optional Base; Standard SVO
Underhood	d lamp	Optional Base; Standard SVO
Courtesy I	amp	N.A
Map lamp		(a)
Cornering	lamp	N.A.
Rear wind	ow defroster y heated	Optional - All Models (Mandatory in New York State) except SVO.
Rear wind	ow defogger	N.A.
T-bar roof	f (describe)	
Sun roof ((describe)	Flip-Up Open Air
Theft prot	tection—type	N.A.
	Display Warning	Optional Base; N.A. SVO
Indica		
ower Do	oor Locks	Optional
(a)		Dome/Swivel (Deleted w/Sun Roof, included w/Optional Light Group). ome/Swivel (Deleted w/Sun Roof).
	· · · · · · · · · · · · · · · · · · ·	I

Car Line MUSTANG

Model Year 1984 Issued 9/83 Revised (•)

METRIC (U.S. Customary)

Car and Body 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 car line. SAE Ref. no. refers to the definition published in SAE Recommended Practice.
J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type	SAE Ref. No.	.2-DOOR	CÓNVERTIBLE	3-DOOR	svo
Width					
Tread (front)	W101	1438 (56.6)			1468 (57.8)
Tread (rear)	W102	1448 (57.0)			1481 (58.3)
Vehicle width	W103	1754 (69,1)			
Body width at Sg RP (front)	W117	1735 (68.3)			
Vehicle width (front doors open)	W120	3898 (153.5)			_
Vehicle width (rear doors open)	W121				
Length					
Wheelbase	L101	2552 (100.5)			
Vehicle length	L103	4549 (179.1)			(a)
Overhang (front)	L104	1003 (39.5)			
Overhang (rear)	L105	995 (39.2)			
Upper structure length	L123	2352 (92.6)		2433 (95.	8)
Rear wheel C/L "X" coordinate	L127	2194 (86.4)			
Cowl point "X" coordinate	L125	205 (8.2)			
Height*					
Passenger distribution (frt./rear)	PD1,2,3	2/			
Trunk/cargo load		45.4 (100)	<u> </u>	-	
Vehicle height	H101	1319 (51.9)			
Cowl point to ground	H114	954 (37.6)			
Deck point to ground	H138	886 (34.9)		901 (35.5)
Rocker panel-front to ground	H112	192 (7.6)			
Bottom of door closed-front to grd.	H133	257 (10.1)			
Rocker panel-rear to ground	H111	169 (6.7)			
Bottom of door closed-rear to grd.	H135	N.A.			
Ground Clearance*					
Front bumper to ground	H102	525 (20.7) (b)			
Rear bumper to ground	H104	336 (13.2)			
Bumper to ground (front at curb mass (wt.)]	H103	532 (20.9) (b)			
Bumper to ground [rear at curb mass (wt.)]	H105				
Angle of approach (degrees)	H106	396 (15.6) 18.6			
Angle of departure (degrees)	H107	18.6 ⁰			
Ramp breakover angle (degrees)	H147	12.70	· · · · · · · · · · · · · · · · · · ·		
Rear axle differential to ground	H153	164 (6.5)	· · · · · · · · · · · · · · · · · · ·		
Min. running ground clearance	H156	125 (4.9) (c)			
Location of min. run. grd. clear.		Converter Grass	Shield		

All linear dimensions are in millimeters (inches/mm); all mass (weight) specifications are in kilograms (pounds); and all angular dimensions in degrees.

- (a) SVO-48.3 (1.9) longer than base 3-door model
- (b) To upper flange of parking lamp opening
- (c) Minimum clearance to traction bars (2.3L turbo & 5.0L only) is 122 (4.8)

All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.
 Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

Car Line MUSTANG 9/83 _lssued__ _Revised (*).

Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR	, <u>, , , , , , , , , , , , , , , , , , </u>	CONVE	RTIBLE	3-DO0	R svo
Front Compartment							
Sg RP front, "X" coordinate	L31	3034	(40.7)				
Effective head room	H61	944	(37.2)	960	(37.8)	944	(37.2)
Max. eff. leg room (accelerator)	L34	1059	(41.7)				
Sg RP (front to heel)	H30	224	(8.8)				
Design H-point front travel	L17	180	(7.1)				
Shoulder room	W3	1417	(55.8)				·
Hip room	W5	1420	(55.9)		·	<u></u> .	
Upper body opening to ground	H50	1199	(47.2)				
Steering wheel angle	H18	23.00	·				
Back angle	L40	25.0°	·				-w-
	L50	701	(27.6)	·			
Sg RP Point couple distance	L50 H63	701 914	(27.6) (36.0)	942	(37.1)	904	(35.6)
Rear Compartment Sg RP Point couple distance Effective head room Min. effective leg room				942	(37.1)	904	(35.6)
Sg RP Point couple distance Effective head room Min. effective leg room	H63	914	(36.0)	942	(37.1)	904	(35.6)
Sg RP Point couple distance Effective head room Min. effective leg room Sg RP (second to heel)	H63	914 890	(36.0) (30.7)	942	(37.1)	904	(35.6)
Sg RP Point couple distance Effective head room Min. effective leg room Sg RP (second to heel) Knee clearance	H63 L51 H31	914 890 256	(36.0) (30.7) (10.1)	942	(37.1)	904	(35.6)
Sg RP Point couple distance Effective head room Min. effective leg room Sg RP (second to heel) Knee clearance Compartment room	H63 L51 H31 L48	914 890 256 -23	(36.0) (30.7) (10.1)	942	(37.1)	904	(35.6)
Sg RP Point couple distance Effective head room Min. effective leg room Sg RP (second to heel) Knee clearance Compartment room Shoulder room	H63 L51 H31 L48 L3	914 890 256 -23	(36.0) (30.7) (10.1) (-0.90)				
Sg RP Point couple distance Effective head room	H63 L51 H31 L48 L3	914 890 256 -23 1379	(36.0) (30.7) (10.1) (-0.90)	1443	(56.8)	1379	(54.3)
Sg RP Point couple distance Effective head room Min. effective leg room Sg RP (second to heel) Knee clearance Compartment room Shoulder room Hip room Upper body opening to ground	H63 L51 H31 L48 L3 W4 W6	914 890 256 -23 1379 1197	(36.0) (30.7) (10.1) (-0.90)	1443	(56.8)	1379	(54.3)
Sg RP Point couple distance Effective head room Min. effective leg room Sg RP (second to heel) Knee clearance Compartment room Shoulder room	H63 L51 H31 L48 L3 W4 W6	914 890 256 -23 1379 1197	(36.0) (30.7) (10.1) (-0.90)	1443	(56.8)	1379	(54.3)

All linear dimensions are in millimeters (inches).

Car Line	MUSTANG				
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METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR	CONVERTIBLE	3-DOOR	svo
Station Wagon — Third Seat		(NOT AP	PLICABLE)		
Shoulder room	W85				
lip room	W86				
iffective leg room	L86				·
ffective head room	H86				
ffective T-point head room	H89		·—···		· · · · · ·
Seat facing direction	SD1				
Station Wagon — Cargo Spa	ice	(NOT AP	PLICABLE		
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		"		
Max. rear opening width above belt	W205				
Cargo height	H201	····			
Rear opening height	H202				
Failgate to ground height	H250				
ront seat back to load floor height	H197				
Cargo volume index [m ³ (ft. ³)]	V2				
Hidden cargo volume [m ³ (ft. ³)]	V4				
Hatchback - Cargo Space					
Front seat back to load floor height	H197			513 (20.2)	
Cargo length at front seat back height	L208			911 (35.9)	
Cargo length at floor (front)	L209			1692 (66.6)	
Cargo volume index [m ³ (ft. ³)]	V3			.92 (32.6) (a	.85 (30.0) (b)
Hidden cargo volume (m ³ (ft. ³))	V4				
Aerodynamics*					_
Wheel lip to ground, front				665.2 (26.2)	
Wheel lip to ground, rear				657.9 (25.9)	
Frontal area				20.6 Ft. ² (c)	

^{*} Describe measurement method.

All dimensions are in millimeters (inches).

- (a) With Hi-Back Seats
- (b) With Low-Back Seats
- (c) Includes Two Outside Mirrors

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METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

			
Body Type	'ALL MODELS		

iducial Mar lumber*	Define Coordinate Location
0 0	
& 2	The rear vertical edge of the master control notch on the under side of the front dior rocker panels locates the "X" coordinate relative to body grid.
ront	front dior rocker paners locates the <u>"x"</u> coordinate relative to body grid.
	·
	$X = 444 \qquad (17.5)$
	Y = N.A.
	1 - 11.11.
	·
& 4	The intersection of the horizontal-vertical surfaces on the rocker panel
lear	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 the reference dimension from - Fiducial Mark 1 and 2.
Rear	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
Rear	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
Rear	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
	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
Fiducial Mark	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
^S iducial	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 the reference dimension from - Fiducial Mark 1 and 2.
Fiducial Mark Number	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 the reference dimension from - Fiducial Mark 1 and 2.
Fiducial Mark Number W2:	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5)
Fiducial Mark Number W2 L54	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1)
Fiducial Mark Number W2 L54 Front H81	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1)
Fiducial Mark Number W2 L54 Front H81	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1)
Fiducial Mark Number W2 L54 Front H81	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1)
Fiducial Mark Number W2 L54 Front H81	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1)
Fiducial Mark Number W2: L54 Front H81 H16	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1)
Front H81 H16	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0) 444 (17.5) -27 (-1.1) 33 34 35 2 737 (29.0) 1 1295 (51.0)
Front H81 H16 W2:	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 the reference dimension from - Fiducial Mark 1 and 2. 737 (29.0)

Reference — SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks — September, 1973. All linear dimensions are in millimeters (inches).

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Model Year_	1984	Issued	9/83	Revised (*)	

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	ALL MODELS
L	I

Lamps and H	eadlamp Sha	pe*	
	Headlamp	Highest**	654.8 (25.8)
	(H127)	Lowest	· · · · · · · · · · · · · · · · · ·
Height above ground to	Taillamp	Highest**	668.0 (26.3)
center of bulb or marker	(H128)	Lowest	470.7 (19.3)
	Sidemarker	Front	641.0 (25.2)
		Rear	622.3 (24.5)
	Headlamp	Inside	435.3 (17.1)
		Outside**	620.7 (24.4)
Distance from C/L of car to	Taillamp Directional	Inside	573.2 (22.6)
center of bulb		Outside**	682.0 (26.9)
		Front	476.7 (18.8)
		Rear	462.8 (18.2)
Headlamp shape)		Rectangular - Dual Halogen

^{*} Measured at curb mass (weight).
** If single lamps are used enter here.

Car Line	MUSTANG			
Model Year_	1984	_lssued	9/83	Revised (*)

		[Vel	hicle Ma	388 (we	ight)			
			CURE	MASS, kg.	(weight, lb.) *	. %	PASS. MAS	S DISTRIBL	TION		
Model				1		Pass	n Front	Pass II	Rear	SHIPPING MASS, kg.	
Moder			Front	Rear	Total	Front	Rear	Front	Rear	(weight, lb.)	
3.8L V-6 Engine	. w/										
Automatic Overd											
Transmission (A	OD)								 		
								ļ	 		
2-Door L		66B	743	531	1274	45	55	19	81	1217	
			(1637)	(1171)	(2808)			ļ	 	(2686)	
2. Doom 7		61p	7/.2	550	1205	1.5		10	01	1000	
3-Door L	<u> </u>	61B	743 (1637)	552 (1217)	1295 (2854)	45	55	19	81	1238 (2732)	
			(102/)	(121/)	(2034)			 	 	 	
2-Door LX	66B	(BYB	746	537	1283	45	55	19	81	1226	
7 2002 12.			(1644)	(1185)	(2829)					(2707)	
[(- "					
3-Door LX	61B	(BYB	746	558	1304	45	55	19	81	1247	
			(1644)	(1231)	(2875)					(2753)	
						ļ		_		1	
2-Door Converti	.ble	66B	773	597	1370	45	55	19	81	1313	
(B2L)			(1704)	(1316)	(3020)			 	 	(2898)	
							 	 	<u> </u>	 	
5.0L Engine w/5		<u>d</u>				<u> </u>	 	<u> </u>			
Manual Transmis	sion				<u> </u>	<u> </u>	<u> </u>	 	 - · -·	<u> </u>	
3-Door GT	61B	(B8D)	785	576	1362	45	55	19	81	1305	
3-D001 G1	OID	עטטע	(1731)	(1272)	(3013)	42		1 2	- GI	(2881)	
			-13-7	\^ ^	(3013)						
2.3L EFI Turbo	w/										
5-Speed Manual									ļ		
Transmission		- "						<u> </u>			
							ļ	ļ	 	<u> </u>	
3-Door SVO	61B	(B8G)	785	572	1357	45	55	19	81	1333	
			(1731)	(1261	(2992)	<u> </u>	 -	 	 	(2939)	
			 	 	 	 	 	 -	 	-	
			 			 	 	 		 	
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			 	<u> </u>		1	†		<u> </u>		
<u> </u>			<u> </u>		<u> </u>		<u> </u>		·		

^{*} Reference — SAE J1100a, Motor vehicle dimensions, curb weight definition.
** Shipping mass (weight) definition — Less Fuel Engine Coolant

Car Line	MUSTANG				
Model Year_	1984	lasued	9/83	Revised (*)	_

	Optional Equipn			ment Differential Mass (weight)*
Equipment	M	ASS, kg. (wei	ght, lb.)	
	Front	Rear	Total	Remarks
POWERTRAINS:				
2.3L Turbo W/5-Spd.	-1.4	-5,9	-7.3	
Manual Trans.	(-3)	(-13)	(÷16)	
2.3L 4-Spd. Manual	-53.1	-12.2	-65.3	NA on Convertible
Trans.	(-117)	(-27)	(-144)	
		}		
2.3L w/C3 Auto. Trans.	-41.7	-12.2	-53.9	NA on Convertible
	(~92)	(-27)	(-119)	
5.0L w/5-Spd. Manual	33.6	13.6	47.2	
Trans.	(74)	(30)	(104)	
5.0L w/AOD Auto. Trans.	64.4	16.8	81.2	
	(142)	(37)	(179)	
3.8L w/C5 Auto. Trans.	-15.9	-6.8	-22.7	
	(-35)	(-15)	(-50)	
·				
AXLES:				······································
5.0L 3.27 Locker	0	2.7	2.7	
,	(0)	(6)	(6)	***
2.3L-T T50D 3.45	0	2.7	2.7	
Locker	(0)	(6)	(6)	
		107	(0)	
3.8L AOD 3.08 Locker	0	2.7	2.7	
	(0)	(6)	(6)	
			\0/	
2.3L 3.45 Locker	0	2.7	2.7	SVO Base
	(0)	(6)	(6)	SVU Base ·
	(-)	- ("/		
TIRES:				
P220/55R-390 BSW TRX	4.1	4.1	8.2	
, 35- 55- 25-	(9)	(9)	(18)	
			\207	
P205/55-16 BSW 2.3L-T	2.7	2.3	5.0	Performance Group - SVD w/3-Dr.
T50D	(6)	(5)	(11)	Terrormance Group - SVD W/3-Dr.
	(0)	(-)	(11)	
P185/75R-14 Rad. WSW	0.5	0.5	1.0	
The are town	(1)	(1)	(2)	
	(*)	\-/	(2)	
P195/75R-14 Rad. WSW	1.4	1.4	- 20	
	(3)	(3)	2.8	<u></u>
	ری	(2)	(6)	<u> </u>
P205/70R-14 Rad. BSW	10	- 1 0 		
1205/ 10K-14 Kau. DSW	1.8	1.8	3.6	
	(4)	(4)	(8)	
L				

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

Car Line	MUSTANG				
Model Year	1984	_lssued	9/83	Revised (*)	

	Opti	lonal Equip	ement Differential Mass (weight)*
MASS, kg. (weight, lb.)			Remarks
Front	Rear	Total	Hemarks
			N.A. on SVO Model
(-6)	(-2)	(-6)	
			Standard on SVO Model
(2)	(3)	(5)	
	— ,—		
(5)	(3)	(8)	
			Charles and an GVO Wadal
			Standard on SVO Model
(1)	(2)	(3)	<u> </u>
			
2 2		2 2	2-Dr/3-Dr - Std. on Convertible
			and SVO Models
(3)	(0)	(3)	and Syo models
			Std. except Convertible and
			SVO Models
	(0)		3VO Hodels
-2 7	<u> </u>	-2 7	
			NA on Convertible and SVO Models
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	107	(=0)	IN ON CONVERTIBLE and STO INSULE
21.8	-2.3	19.5	
	\		
31.8	-2.3	29.5	
<u> </u>		, , , ,	
32.2	-2.3	29.9	
	(-5)	(66)	
24.9	-2.3	22.6	
(55)	(-5)	(50)	
24.5	-2.3	22.2	
(54)	(-5)	(49)	<u> </u>
			Standard on SVO Model
(5)	(3)	(8)	
)			
			
0.9 (2)	(1)	1.4 (3)	
	-1.8 (-6) 0.9 (2) 2.3 (5) 0.5 (1) 2.3 (5) 0 (0) -2.7 (-6) 21.8 (48) 31.8 (70) 32.2 (71) 24.9 (55)	MASS. kg. (weld Front Rear Rear Rear Rear Rear Rear Rear Rear	MASS. kg. (weight, ib.) Front Rear Total -1.8 -0.9 -2.7 (-6) (-2) (-6) 0.9 1.4 2.3 (2) (3) (5) 2.3 1.4 3.7 (5) (3) (8) 0.5 0.9 1.4 (1) (2) (3) 2.3 0 2.3 (5) (0) (5) 0 0 0 0 (0) (0) (0) -2.7 0 -2.7 (-6) (0) (-6) 21.8 -2.3 19.5 (48) (-5) (43) 31.8 -2.3 29.5 (70) (-5) (65) 32.2 -2.3 29.9 (71) (-5) (66) 24.9 -2.3 22.6 (55) (-5) (50) 24.5 -2.3 22.2 (54) (-5) (49)

^{*} Also see Engine — General Section for dressed engine mass (weight).

Car Line MUST	ANG			
Model Year 198	4Issued	9/83	Revised (*)	

		Op	tional Equip	ment Differential Mass (weight)*
Equipment	MASS, kg. (weight, lb.)			
	Front	Rear	Total	Remarks
MISCELLANEOUS OPTIONS	 			
(Cont'd.)	 			
Emission Systems:	+			
Altitude - 2.3L M4WR	0.5	0	0.5	NA on Convertible
	(1)	(0)	(1)	THE ON CONVEYEDING
California - 5.0L	0.5	0	0.5	
	(1)	(0)	(1)	·
California - 3.8L	0.5	0		
California - 3.8L	0.5		0.5	
	1 (1)	(0)	(1)	
Canada - 2.3L M4WR	-5.9	0.5	-5.4	NA on Convertible
	(-13)	(1)	(-12)	
Canada - 2.3L C3	-6.4	0.5	-5.9	NA on Convertible
<u> </u>	(-14)	(1)	(-13)	
Canada - 3.8L	0.5	0	0.5	
<u> </u>	(1)	(0)	(1)	
	1	1 (0)		
Appearance Protection	0.9	0.5	1.4	
Group	(2)	(1)	(3)	
Ideans Dieks Bester	105			·
License Plate Bracket - Front	(1)	(0)	0.5 (1)	
Pront	 \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	(0)	 	
Side Windows - Power	1.8	0.9	2.7	,
	(4)	(2)	(6)	
Seats:	 	<u> </u>		
Individual-Man-Recl-	4.5	2.3	6.8	
Special .	(10)	(5)	(15)	
4	+	 		
	<u> </u>		 _ · · · - · · ·	
· · · · · · · · · · · · · · · · · · ·	 	 -	<u> </u>	
Sun Roofs:		 -		
Removable Glass	5.0	6.3	11.3	NA on Convertible
Vehiolante Atass	(11)	(14)	(25)	IN OU COUNCILIDIE
	- 	 \^"/	 	
Removable Side Panel	7.7	9.1	16.8	NA on Convertible
	(17)	(20)	(37)	
			1	

^{*} Also see Engine — General Section for dressed engine mass (weight).

Car Line	MUSTANG				
Model Year	1984	_issued_	9/83	Revised (*)	

Optional Equipment Differential Mass (weight)* MASS, kg. (weight, lb.) Equipment Remarks Front Rear Total MISCELLANEOUS OPTIONS (Cont'd.): Suspensions: 2.3L - Handling 0.9 3.2 4.1 NA on Convertible (2) (7) (9) 3.8L 2.3 3.2 5.5 (5) (7) (12)Brakes - Power Disc 1.0 0 1.8 Mandatory with 3.8L/5.0L. Standard (4) (0) (4) on SVO Model Wheels: Aluminum-Simulated -1.4 -1.4 -2.8 Spoke (-3)(-3)(-6)Styled Steel-Stamped 2.3 2.7 5.0 Argent **(5) (6)** (11)Steel-(4) 14×5.5 0.9 0.9 1.8 (2) (2) (4) Wheel Covers: NA on SVO Model Deluxe 0.9 1.4 2.3 (2) (3) (5) NA on SVO Model Wire 4.6 (5) (5) (10)Body Tape Stripe-Delete -0.5 0 -0.5 (-1)(0) (-1)Protection-Road 0.5 0 0.5 Abrasion (1) (0) (1) Power Steering: 2.3L 7.2 0 7.2 NA on Convertible, standard on SVO (0)(16)(16)Mode1 5.0L 8.2 (18)(0) (18)3.8L 7.2 0 7.2 (16) (0)(16)Steering Column-Tilt Standard on SVO Model 0.5 0.5 1.0

(1)

(1)

(2)

^{*} Also see Engine — General Section for dressed engine mass (weight).

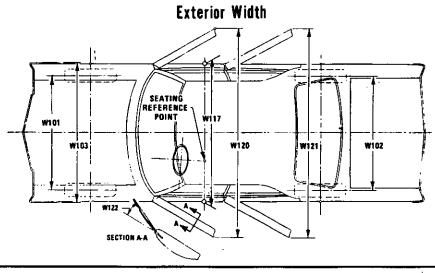
Car Line	MUSTAN	G		
Model Year	1984	_Issued9/83_	Revised (*)	

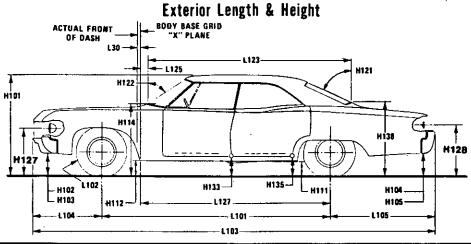
Į		Opti	onal Equipn	nent Differential Mass (weight)*
	MA	ASS, kg. (weig	ht, lb.)	
· Equipment	Front	Rear	Total	Remarks
MISCELLANEOUS OPTIONS				
(Cont'd.)				
Speed Control	2.3	0.5	2.8	NA on SVO Model
	(5)	(1)	(6)	
ı				
Visibility/Light Group	0.5	0.5	1.0	2 Dr/3 Dr., Std. on Convertible
	(1)	(1)	(2)	
Mirror-Right Hand-	0.5	0	0.5	2 Dr/3Dr, Std. on Convertible
Convex Remote Control	(1)	(0)	(1)	
Power Equipment Group	0.9	0.9	1.8	
	(2)	(2)	(4)	
	\			
Defroster-Rear Window-	0.5	-3,2	-2.7	NA on Convertible, Std. on SVO
Electric	(1)	(-7)	(-6)	
	\ <u>-</u> /			
Louvers - Rear Window	-0.5	6.3	5.8	3 Dr. Only
DOGGED ROOM WINDS	(-1)	(14)	(13)	
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^{*} Also see Engine - General Section for dressed engine mass (weight).

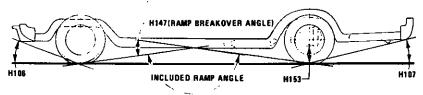
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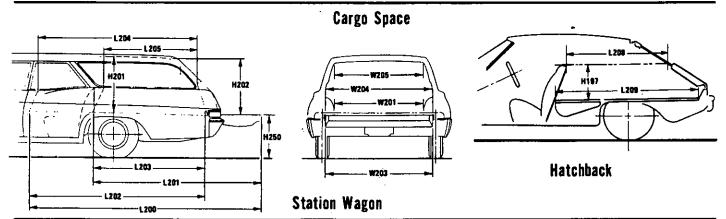
Exterior Car And Body Dimensions — Key Sheet





Exterior Ground Clearance



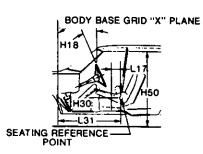


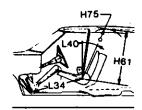
Page 27

METRIC (U.S. Customary)

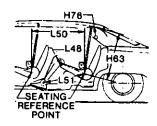
Interior Car And Body Dimensions — Key Sheet

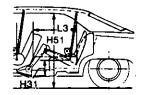
Front Compartment



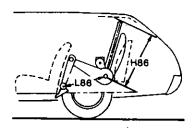


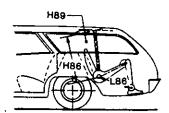
Rear Compartment

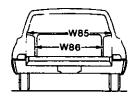




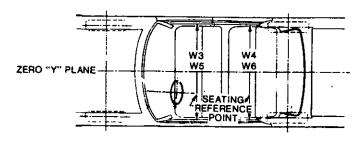
Third Seat







Interior Width



METRIC (U.S. Customary)

Exterior Car 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, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

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.

Length Dimensions

L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane.

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.

L102 TIRE SIZE. As specified by the manufacturer.

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 OVERHANG—FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow 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 in the midpoint of the distance between the rear axle centerlines.

L125 COWL POINT "X" COORDINATE.

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H138 DECK POINT TO GROUND. Measured at zero "Y"

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.

H132 BOTTOM OF DOOR OPEN—FRONT TO GROUND.

The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, 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.

H134 BOTTOM OF DOOR OPEN—REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.

H135 BOTTOM OF DOOR CLOSED—REAR TO GROUND.

The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.

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 are 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.

H127 HEADLAMP TO GROUND—CURB MASS (WT.). The dimensional measured vertically from the centerline of the lowest headlamp lens to ground.

H128 TAILLAMP TO GROUND—CURB MASS (WT.). The dimension measured vertically from the centerline of the upper bulb to ground.

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.

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

H103	FRONT BUMPER TO GROUND CURB MASS (WT.).
	Measured in the same manner as H104.

- 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 are 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 are the initial point of structural interference rearward of the rear tire to ground: The limiting component shall be designated.
- H147 REAR 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.

Front Compartment Dimensions

- PD1 PASSENGER DISTRIBUTION—FRONT.
- L31 SgRP-FRONT "X" COORDINATED.
- H61 EFFECTIVE HEAD ROOM—FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP—front to the headlining plus 102 mm (4.0 in.).
- H75 EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).
- 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.
- H30 SgRP-FRONT TO HEEL. The dimension measured vertically from the SgRP-front to the accelerator heel point.
- L17 DESIGN H-POINT—FRONT TRAVEL. The dimension measured horizontally between the design H-point—front in the foremost and rearmost seat trace positions
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within the belt line and 254 mm (10.0 in.) above the SgRP—front.
- 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—
- Iront and 76 mm (3.0 in.) fore and aft the SgRP—front.

 UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.

- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- L40 BACK ANGLE—FRONT. The angle measured between a vertical line through the SgRP—front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

Rear Compartment Dimensions

- PD2 PASSENGER DISTRIBUTION—SECOND
- L50 SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP—front to the SqRP—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.).
- H76 EFFECTIVE T-POINT HEAD ROOM—SECOND Measured in the same manner as H75.
- 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.).
- 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.
- L48 KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
- L3 COMPARTMENT ROOM—SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5
- 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.

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.
- H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Station Wagon - Third Seat Dimensions

- PD3 PASSENGER DIRECTION THIRD.
- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W5.
- W86 HIP ROOM— THIRD. Measured in the same manner as W5.
- 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.).
- 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.).
- H89 EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

dimension measured laterally between the limiting in-

terferences of the rear opening above the belt height.

Dimen	sions Definitions		
Station	Wagon — Cargo Space Dimensions	H201	CARGO HEIGHT. The dimension measured vertically
L200	CARGO LENGTH—OPEN—FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed		from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.
	floor covering to the rearmost point on the un-	H202	REAR OPENING HEIGHT. The dimension measured
	depressed floor covering on the open tailgate or		vertically from the top of the undepressed floor cover-
	cargo surface if the rear closure is a conventional		ing to the upper trimmed opening on the zero "Y"
	door type tailgate, at the zero "Y" plane.		plane with rear door fully open.
L201	CARGO LENGTH-OPEN-SECOND. The dimension	H250	TAILGATE TO GROUND (CURB MASS WT.). The
	measured longitudinally from the back of the second		dimension measured vertically from the top of the un-
	seatback at the height of the undepressed floor		depressed floor covering on the lowered tailgate to
	covering on the open tailgate or cargo floor surface if	V2	ground on the zero "Y" plane. STATION WAGON
	the rear closure is a conventional door type tailgate,	٧Z	Measured in inches:
L202	at the zero "Y" plane. CARGO LENGTH—CLOSED—FRONT. The minimum		
LZUZ	dimension measured horizontally from the back of the		$\frac{\text{W4 x H201 x L204}}{1728} = \text{ft.}^3$
	front seat at the height of the undepressed floor		Measured in mm:
	covering to the rearmost point on the undepressed		
	floor covering on the closed tailgate or taildoor for		$\frac{W4 \times H201 \times L204}{109}$ = m ³ (cubic meter)
	station wagons, trucks and mpv's at the zero "Y"	V4	HIDDEN CARGO VOLUME. As specified by the
1.000	plane.	V 4	manufacturer.
L203	CARGO LENGTH - CLOSED - SECOND. The dimen-		
	sion measured horizontally from the back of the se- cond seat at the height of the undepressed floor		pack — Cargo Space Dimensions
	covering to the rearmost point on the undepressed		chback cargo dimensions are to be taken with the front
	floor covering on the closed tailgate or taildoor for		full down and rear position, and the rear seat folded
	station wagons, trucks and mpv's at the zero "Y"		The hatchback door is in the closed position. (For cally adjusted seats, see the manufacturer's specifica-
	plane.	tions fo	or Design "H" Point).
L204	CARGO LENGTH AT BELT—FRONT. The minimum	H197	FRONT SEATBACK TO LOAD HEIGHT. The dimen-
	dimension measured horizontally from the back of the	11131	sion measured vertically from the horizontal tangent
	front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface		to the top of the seatback to the undepressed floor
	of the cab back panel at the height of the belt, on the		covering.
	zero "Y" plane.	L208	CARGO LENGTH AT FRONT SEATBACK HEIGHT.
L205	CARGO LENGTH AT BELT—SECOND. The minimum		The minimum horizontal dimension from the "X" plane
	dimension measured horizontally from the back of the		tangent to the rearmost surface of the driver's seat-
	second seatback at the seatback top to the foremost		back to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.
	normal surface of the closed tailgate at the height of	L209	CARGO LENGTH AT FLOOR-FRONT-
W201	the belt, on the zero "Y" plane.	2200	HATCHBACK. The minimum horizontal dimension
W201	CARGO WIDTH—WHEELHOUSE. The minimum dimension measured laterally between the trimmed		measured at floor level from the rear of the front seat-
	wheelhousings at floor level. For any vehicle not trim-		back to the normal limiting interference of the
	med, measure the sheet metal.		hatchback door on the vehicle zero "Y" plane.
W203	REAR OPENING WIDTH AT FLOOR. The minimum	V3	HATCHBACK.
	dimension measured laterally between the limiting in-		Measured in inches:
101001	terferences of the rear opening at floor level.		$\frac{L208 + L209}{2} \times W4 \times H197$ = ft.3
W204	REAR OPENING WIDTH AT BELT. The minimum		$\frac{2}{1700}$ = ft.3
	dimension measured laterally between the limiting in- terferences of the rear opening at belt height or top of		1720
	pick up box.		Measured in mm:
W205	REAR OPENING WIDTH ABOVE BELT. The minimum		L208 + L209 x W4 x H197

=m3(cubic meter)

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