

1977 MVMA Specifications Form Passenger Car

Manufacturer FORD MOTOR COMPANY	Car Line MUSTANG II	
Mailing Address P. O. BOX 2053 DEARBORN, MICHIGAN 48121	Model Year 1977	Issued: September, 1976
		Revised (•)

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Passenger Car

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NOTES:

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

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Car Models

Model Description	Make, Car line, Series, Body Type (Mfr's Model Code)	Max. Number of Passengers (Front/Rear)
2-DOOR SEDAN	60F *	2-2
2-DOOR GHIA	60H	2-2
3-DOOR SEDAN	69F *	2-2
3-DOOR MACH I	69R	2-2
+ COBIA - DRESSUP + HANDLING (?)		
2+2 model		
* BASE MODEL		

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Car and Body Dimensions See Key Sheets, Pgs. 30-33

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for: 4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T., Convertible and Station Wagon.

Body Type

SAE Ref. No.	2-DOOR MODELS 60F-H	3-DOOR MODELS 69F-R
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Width

Tread - Front	W101	55.6
Tread - Rear	W102	55.8
Maximum overall car width	W103	70.2
Body width at No. 2 pillar	W117	67.1
Max. front doors open	W120	
Max. rear doors open	W121	

Length

Body "O" to front of dash	L 30	
Wheelbase	L101	96.2
Overall car length	L103	175.0
Overhang - front	L104	39.4
Overhang - rear	L105	39.4
Body upper structure length	L123	87.1
Body "O" line to C/L of rear wheel	L127	84.7
Body "O" line to w/s cowl point	L125	

Height

Passenger Distribution (front & rear)	*	2+1
Trunk/Cargo load (lbs.)	*	100 (a)
Overall height	H101	50.3
Cowl height	H114	36.4
Deck height	H138	35.7
Rocker panel - front	H112'	7.5
Bottom of front door to ground	H133	
Rocker panel - rear	H111'	6.9
Bottom of rear door to ground	H135	
Windshield slope angle	H122	60.0°

Ground Clearance

Bumper to ground - front	H102	14.4
Bumper to ground - rear	H104	12.6
Angle of approach	H106	21.5°
Angle of departure	H107	19.9°
Ramp breakover angle	H147	
Rear axle differential to ground	H153	6.4 (6.75" axle); 5.5 (8" axle)
Min. running clearance (Specify)	H156	4.5 (Cat. Converter Grass Shield)

*All measurements are made at the stated passenger and trunk/cargo loadings

(a) Truck/cargo loads are not included for height dimensions.

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Car And Body Dimensions See Key Sheets, Pgs. 30-33

SAE Ref. No.	Body Type			
	2-DOOR MODELS		3-DOOR MODELS	
	60F	60H	69F	69R

Front Compartment

H Point to body "O" line	L31	43.1	42.9	43.1
Effective head room	H61	37.2	36.9	36.9
Effective T Point head room	H75			
Max. eff. leg room - accelerator	L34	42.0	41.9	42.0
H Point to Heel point	H30	7.3	7.5	7.3
H Point travel	L17	5.0		
Shoulder room	W3	52.5	51.9	52.5
Hip room	W5	51.9	50.8	51.9
Upper body opening to ground	H50	45.7		
Steering Wheel Angle Vertical	H-18	19.9°		
Back Angle Front	L-40	26.0°		

Rear Compartment

H Point couple distance	L50	26.2		
Effective head room	H63	35.9	35.7	34.1
Effective T Point head room	H76			
Min. effective leg room	L51	24.6	24.5	24.6
H Point to Heel point	H31			
Min. knee room	L48	-2.7	-3.1	-2.7
Rear Compartment room	L3			
Shoulder room	W4	49.1	50.2	48.7
Hip room	W6	40.4	40.0	40.4
Upper body opening to ground	H51	-		

Luggage Compartment

Usable luggage capacity (cu. ft.)	V1	6.7 (a)		
Liftover height	H195	33.5		
Position of spare tire storage		Flat in Stowage Well - RHS		
Method of holding lid open		Torsion Bars	Gas Cylinders	

(a) Determined using luggage pieces plus "H" (shoe) boxes.

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Car And Body Dimensions See Key Sheets, Pgs. 30-33

Body Type

SAE Ref. No.	3-DOOR MODELS (69F-69R)
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Station Wagon — Third Seat

Shoulder Room	W85	-
Hip room	W86	-
Effective leg room	L86	-
Effective head room	H86	-
Effective T Point head room	H89	-
Seat facing direction		-

Station Wagon — Cargo Space

Cargo length at floor - front seat	L202	-
Cargo length at belt - front seat	L204	-
Cargo width - Wheelhouse	W201	-
Opening width at belt	W204	-
Maximum cargo height	H201	-
Rear opening height	H202	-
Cargo volume index (cu. ft.) W4 x L204 x H201 1728	V2	-

Hatchback — Cargo Space

Front Seat Back to Load Floor Height	H197	15.7
Cargo Length at Front Seat Back Height	L208	44.0
Cargo Length at Floor - Front Seat	L209	59.2
Cargo volume index (cu. ft.) $\frac{L208 + L209}{2} \times W4 \times H197$ 1728	V3	22.8

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Power Teams (Indicate whether standard or optional)

SAE Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

SERIES AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio)	
	Displ. cu. in.	Carb.	Compr. Ratio	SAE Net @ RPM				Exhaust System*
				BHP	Torque			
All Models (Except 69R)	140 (2.3L) (2300 (cc)	2V	9.0	89 @ 4800 (a)	120 @ 3000 (a)	S	Manual 4-Speed	Std. — 3.18:1 Opt. — N.A. Locking — N.A.
				Automatic 3-Speed (C-3) (C-4 for Alt. pkg.)		Std. — 3.18:1 Opt. — N.A. Locking — N.A.		
All Models (Std. 69R)	170.8 (2.8L) (2800 (cc) (b)	2V	8.7	93 @ 4200	140 @ 2600	S	Manual 4-Speed	Std. — 3.00:1 Opt. — N.A. Locking — N.A.
				Automatic 3-Speed (C3/C4)		Std. — 3.00:1 Opt. — N.A. Locking — N.A.		
All Models	302 —	2V (c)	8.4	129 @ 3400	242 @ 2000	S	Manual 4-Speed (a)	Std. — 3.00:1 Opt. — N.A. Locking — N.A.
				139 @ 3600 (d)	247 @ 1800 (d)	S	Automatic 3-Speed (C-4)	Std. — 3.00:1 Opt. — N.A. Locking — N.A.

NOTES: A/C Uses Std. Ratio.
(a) California ratings: 88 hp @4800; 119 Ft.-Lb. @3000
(b) Not available in California, or with Altitude Package.
(c) 302-VV (Variable Venturi) in Calif.
(d) California ratings: 132 hp @3600; 228 Ft.-Lb. @1600

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*S — Single D — Dual

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Engine Displacement

140 (2300cc)	170.8 (2800cc)	302
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Engine — General

Type, no. cyls., valve arr.	In-Line, 4 Cyls., OHC	60°V, 6 Cyls., OHV	90°V, 8 Cyls., OHV
Bore and stroke (nominal)	3.781 x 3.126	3.66 x 2.70	4.00 x 3.00
Piston displacement, cu. in.	140	170.8	302
Bore spacing (C/L to C/L)	4.173	4.75	4.38
No. system	L. Bank	4-5-6	5-6-7-8
(front to rear)	R. Bank	1-2-3	1-2-3-4
Firing Order	1-3-4-2	1-4-3-5-3-6	1-5-4-2-6-3-7-8
Cylinder Head Material	Cast Iron		
Cylinder Block Material	Cast Iron		
Cyl. Sleeve-Wet, dry, none	None		
Number of mtg. points	Front	Two	
	Rear	One	
Engine installation angle	3°43'	3°43'	4°7'
Recommended fuel regular — premium	Regular (91 Octane)		
Cylinder Head Volume (cc)	61.3	43.6	67.5-70.5
Head Gasket Thickness (Compressed)	0.043	0.046-0.053	0.047 (0.063 Calif)
Head Gasket Volume (cc)	6.3	8.505	10.10
Deck Clearance (minimum) (above or below block)	0.007 (Above)	0.043 (Below)	0.0235 (Below)
Minimum Combustion Chamber Volume (cc) (a)	67.5	60.2	78.9

Engine — Pistons

Material	Aluminum Alloy with Steel Struts		
Description and finish	Full Skirt = Cam Ground	Full Skirt, Cam Ground, Lead Coated	Cast Autothermic, Slipper Skirt Cam Ground & Tin Plate
Weight (piston only) oz.	18.41-18.62 (c)	17.25	21.16
Clearance (limits)	Top land	0.0295-0.0411	0.0218-0.0235
	Skirt Top	0.0014-0.0028	0.0020-0.0036
	Bottom	0.0014-0.0022	0.0009-0.0021
Ring groove diameter	No. 1 ring	3.352-3.362	3.282-3.274
	No. 2 ring	3.352-3.362	3.282-3.274
	No. 3 ring	3.340-3.350	3.286-3.278

- (a) Total Clearance Volume
(b) At Centerline and 90° to Axis of Pin Hole
(c) 17.53-17.74 (Lima Engine)

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Engine - Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression		
	No. 2, oil or comp.	Compression		
	No. 3, oil or comp.	Oil Control		
Compression	Description - #1 material, coating, etc.	Cast Iron, Moly. coated	Cast Iron, Chrome Plated #2 Cast Iron	Cast Iron, Barrel Face
		Cast Iron, Scraper Groove	Scraper Groove*	Moly Coated. #2 Cast Iron Scraper Groove*
	Width	0.078-0.077	0.07835-0.0778 (a)	0.078-0.077
	Gap	0.010-0.020	0.015-0.0229	0.010-0.020
Oil	Description - material, coating, etc.	Two Rails and one Spacer-Expander.		Chrome Plated
		Rails: Chrome-Plated Spring Steel		(A1S1-C-1075)
		Spacer-Expander: (SAE 30201) B.S. 1449 (1956)		
	Width	0.023-0.025 (Rails) 0.177-0.182 (Expander)		0.188
Expanders	Gap (Rails Only)	0.010-0.035	0.016-0.055	0.015-0.055
		Part of Oil Ring Assembly		

Engine - Piston Pins

Material		SAE-1016 or 5115 H.T.	B.S. 970/EN-206	SAE-5015 H.T.
Length		3.010-3.040	2.868-2.837	3.040-3.010
Diameter		0.9119-0.9120	0.9446-0.9448	0.9124-0.9118
Type	Locked in rod, in piston, floating, etc.		Press Fit in Rod	
	Bushing	In rod or piston	None	
		Material	-	
Clearance	In piston	0.0002-0.0004	0.0003-0.0006	0.0002-0.0004
	In rod	0.0007-0.0016 Press Fit	0.0007-0.0015 Interfer. Press Fit	
Direction & amount offset in piston		Right 0.060	Right 0.032	Right 0.0625

Engine - Connecting Rods

Material		Forged Steel	SAE-1541-H	SAE-1151-M
Weight (oz.)		22.08-22.64	17.88	19.86
Length (center to center)		5.2031-5.2063	5.142-5.139	5.09
Bearing	Material & Type (b)	Plated Copper-lead on Steel Back	Unplated Copper-lead on Steel Back	Plated Copper-lead on Steel Back
	Overall length	0.790-0.800	0.649-0.639	0.726-0.706
	Clearance (limits)	0.0008-0.0024	0.0006-0.0021	0.0008-0.0026
	End Play	0.0035-0.0105	0.004-0.011	0.010-0.020 Two rods

(a) 170.8 C.I.D. #2 Ring 0.0980-0.0976

(b) Replaceable Inserts

* Phosphate Coat

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Engine—Crankshaft

Material		Nodular Iron		ESE-MIA172-A	S-MIA-4525-A	ESE-MIA172-A
Vibration damper type		None		Tuned, Elastic Suspended Inertia Member		
End thrust taken by bearing (No.)		Three				
Crankshaft end play		0.004-0.008				
Main bearing	Material & type (a)		Plated Copper-Lead on Steel Back	Aluminum alloy on Steel Back	Plated Copper-Lead Alloy on Steel Back	
	Clearance		0.0008-0.0026	0.0006-0.0019	0.0005-0.0024	
	Journal dia. and bearing overall length	No. 1	2.3990 x .945	2.2437 x .844	2.2386 x .880	
		No. 2	2.3990 x .945	2.2437 x .844	2.2486 x .880	
		No. 3	2.3990 x 1.194	2.2437 x 1.034	2.2486 x 1.132	
		No. 4	2.3990 x .945	2.2437 x .844	2.2486 x .880	
		No. 5	2.3990 x .945		2.2486 x .880	
		No. 6	-			
		No. 7	-			
	Dir. & amt. cyl. offset		None		R. B. Leads 0.84	
No. bolts/main brg. cap		2				
Crankpin journal diameter		2.0472	2.1256	2.1236		

Engine—Camshaft

Location	Cylinder Head	In Cylinder Block	
Material	ESE-MIA-117-B Hardenable Iron	GES-MIA-117-A Hardenable Iron	Alloy Iron, Prec. Mold Induction Hardened (b)
Bearings	Material (c)	Aluminum Alloy	SAE 15 Alloy
	Number	Four	Five
Type of Drive	Gear or chain	Belt, Cogged, Gilmer	Gear
	Crankshaft gear or sprocket material	Sintered Iron	Type FFF Nach SK-3517
	Camshaft gear or sprocket material	Sintered Iron	Hub: Cast iron "B" Teeth: 6.6 phenolic (d)
	Timing chain	No. of links	58
		Width	0.637
		Pitch	0.375
			Molded Nylon Teeth

- (a) Replaceable Inserts
(b) Phosphate Coated
(c) Steel Backed, Replaceable Inserts
(d) (SSM-4D 900-AA) Heat Stabilized
(e) Glass Reinforced

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Engine—Valve System

Hydraulic lifters (Std., opt., NA)		Standard	Not Available	Standard
Valve rotator, type (intake, exhaust)		Ford Free Turn Intake and Exhaust	None	Positive on Exhaust (Two Piece)
Push rods (dia., length, material)		-		
Rocker ratio		1.4:1 to 1.6:1	1.46:1	1.61:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero	0.014 Cold between Valve & Rocker foot	Zero (0.071-0.171) (a)
	Exhaust	Zero	0.016 Cold between Valve & Rocker foot	Zero (0.071-0.171) (a)
Timing (based on top of ramp points)	Intake	Opens (°BTC)	22	20
		Closes (°ABC)	66	56
		Duration (deg.)	268	256
	Exhaust	Opens (°BBC)	64	62
		Closes (°ATC)	24	14
		Duration (deg.)	268	256
	Valve open overlap (deg.)		46	34
Intake	Material (b)		SAE-1047 Steel	CK45DIN 17200
	Overall length		4.787	4.157
	Actual overall head dia.		1.735	1.5695
	Angle of seat & face (deg.)		Seat 44°30' to 45°00'; Face 45°30' to 45°45'	
	Seat insert material		None	
	Stem diameter		0.3427-0.3420	0.3167-0.3157
	Stem to guide clearance		0.006-0.0023	0.0008-0.0025
	Lift (@ zero lash)		0.400	0.373
	Outer spring press. & length	Valve closed (lb. @ in.)	71-79 @ 1.56	60-68 @ 1.585
		Valve open (lb. @ in.)	179-198 @ 1.16	138-149 @ 1.222
	Inner spring press. & length	Valve closed (lb. @ in.)	None	
		Valve open (lb. @ in.)	None	
Exhaust	Material (a)		Cast Austenitic	HD:21-4N (Stemx45)
	Overall length		4.807	4.161
	Actual overall head dia.		1.500	1.2685
	Angle of seat & face (deg.)		Seat 44° 30' to 45° 00'; Face 45° 30' to 45° 45'	
	Seat insert material		None	
	Stem diameter		0.3418-0.3411	0.3156-0.3149
	Stem to guide clearance		0.0015-0.0032	0.0018-0.0035
	Lift (@ zero lash)		0.400	0.373
	Outer spring press. & length	Valve closed (lb. @ in.)	71-79 @ 1.56	60-68 @ 1.585
		Valve open (lb. @ in.)	179-198 @ 1.16	138-149 @ 1.222
	Inner spring press. & length	Valve closed (lb. @ in.)	None	
		Valve open (lb. @ in.)	None	
	Material (a)		Cast Austenitic	HD:21-4N (Stemx45)
	Overall length		4.807	4.161
	Actual overall head dia.		1.500	1.2685
	Angle of seat & face (deg.)		Seat 44° 30' to 45° 00'; Face 45° 30' to 45° 45'	
	Seat insert material		None	
	Stem diameter		0.3418-0.3411	0.3156-0.3149
	Stem to guide clearance		0.0015-0.0032	0.0018-0.0035
	Lift (@ zero lash)		0.400	0.373
	Outer spring press. & length	Valve closed (lb. @ in.)	71-79 @ 1.56	60-68 @ 1.585
		Valve open (lb. @ in.)	179-198 @ 1.16	138-149 @ 1.222
	Inner spring press. & length	Valve closed (lb. @ in.)	None	
		Valve open (lb. @ in.)	None	

- (a) 0.093-0.193 For Calif.
(b) Aluminized Heads.

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Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure		
	Connecting rods	Pressure		
	Piston pins	Oil Mist & Splash		
	Camshaft bearings	Pressure		
	Tappets	Pressure	Splash & Drainback	Pressure
	Timing gear or chain	None	Metered Stream	Splash
	Cylinder walls	Oil Mist & Splash	(a)	Oil Mist & Splash
Oil pump type		Rotor		
Normal oil pressure (lb. @ engine rpm)		50 psi @ 2000 rpm	40-55 psi @ 1500 rpm	40-60 psi @ 2000 rpm
Oil press. sending unit (elect. or mech.)		Electrical		
Type oil intake (floating, stationary)		Stationary, Shrouded Screen in Sump		
Oil filter system (full flow, part., other)		Full Flow		
Filter replacement (element, complete)		Complete		
Capacity of oil case, less filter-refill (qt.)		4.5 + 0.5 for Filter	4.5 + 0.5 for Filter	4 + 1 for Filter
Oil grade recommended (SAE viscosity and temperature range)		Multi-Viscosity:		Single Viscosity:
		+10°F & above - SAE 20W40		+60°F & above - SAE 40
		-10°F to +90°F - SAE 10W40		+32°F to +90°F - SAE 30
		-10°F to +90°F - SAE 10W30		+10°F to +60°F - SAE 20-20W
		-32°F to +32°F - SAE 5W30		-10°F to +32°F - SAE 10-10W
Engine service reqmt. (SD, SE, etc.)		SE (Ford Specification ESS-M2C-101-C)		

Engine — Exhaust system

Type (single, single with cross-over, dual, other)		Single		
Muffler No. & type (reverse flow, straight thru, separate resonator)		1, Reverse Flow	1, Reverse Flow	
Resonator No. & type		-	1, Reverse Flow	
Exhaust Pipe	Branch O. D., wall thickness	-	1.75x0.084	2.00x0.084
	Main O. D., wall thickness	2.00x0.084	2.00x0.084	2.25x0.084
	Material	Aluminized Steel		
Tail Pipe	O. D. & wall thickness	1.75x0.069	2.00x0.075	2.00x0.075
	Material	L. C. Steel	Aluminized	

(a) (170.8) Timed Pressure Stream and Splash.

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Engine — Fuel System

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

Induction type: Carburetor, fuel injection, supercharger.		Carburetor (Downdraft)		
Fuel Tank	Refill capacity (U. S. gals.)	13 (16.5 with Auxiliary Tank)		16.5
	Filler location	Left Hand Quarter Panel		
Fuel Pump	Type (elec. or mech.)	Mechanical		
	Locations	Left Side of Engine		
	Pressure range	5.5-6.5 PSI	3.5-5.8 PSI	5.5-6.5 PSI
Vacuum booster (std., optional, none)		None		
Fuel Filter	Type (Series 2 reqd)	# 1 Saran Plastic; #2 Nylon or Monel Cloth + Magnet		
	Locations	#1 Permanent In Fuel Tank; #2 In Fuel Line at Carburetor		
Carburetor	Choke type	Automatic (Electrically Assisted)		
	Intake manifold heat control (exhaust or water)	Water	Exhaust Heat - Crossover	Exhaust
	Air cleaner type	Standard	Dry Replaceable Element + Hot & Cold Air Supply	
		Optional	None	
	Idle speed (spec. neutral or drive) (1)	Manual	850 (Neutral)	850 (Neutral)
		Automatic	800 (750-Cal.)	700 (750-Cal.)
Idle A/F mix.		-		

Carburetor Supplementary Information

Model Usage	Piston Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
All (49 States)	140	Manual	Holley-Weber	-9510- D7EE-DA or HA	One 2V	PRI. 1.26
(California)	140	Manual	Holley-Weber	D7EE-AA or KA	One 2V	SEC. 1.417
All (49 States)	140	Automatic	Holley-Weber	D7EE-EA or JA	One 2V	PRI. 1.26
(California)	140	Automatic	Holley-Weber	D7EE-FA or LA	One 2V	SEC. 1.417
All (49 States)	170.8	Manual	Ford 2150	D7YE-BA	One 2V	1.564
All (49 States)	170.8	Automatic	Ford 2150	D7YE-AA	One 2V	1.564
(49 States - A/C)	170.8	Automatic	Ford 2150	D7YE-EA	One 2V	1.564
All (49 States)	302	Manual	Ford 2150	D7BE-MA	One 2V	1.564
All (49 States)	302	Automatic	Ford 2150	D7BE-LA	One 2V	1.564
All (California)	302	Automatic	Motorcraft 2700	D7ZE-GD	One 2V*	1.564
*Variable Venturi						

MVMA Specifications Form Passenger Car

Car Line **MUSTANG II**
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Engine Displacement

140 (2300cc)	170.8 (2800cc)
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Engine — Cooling System

Type system (pressure, pressure vented, atmospheric, other)	Pressure											
Radiator cap relief valve pressure	12-16 PSI											
Circulation thermostat	Type (choke, bypass)	By-Pass				Controlled By-Pass-Poppet						
	Starts to open at (°F)	188°F - 195°F				183°F - 190°F						
Water pump	Type (centrifugal, other)	Centrifugal - Vane										
	GPM 1000 pump rpm	13.1										
	Number of pumps	One										
	Drive (V-belt, other)	V-Belt										
By-pass recirculation type (inter., ext.)	Bearing type	Double Row, Sealed, Ball and Roller (2.3L 3/4"; 2.8L 5/8")										
		Internal					External (By-Pass Plus Choke)					
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)	Down Flow - Tube and Slit Fin											
Cooling system capacity	With heater (qt.)	8.5				8.8 Automatic; 8.3 Manual						
	Without heater (qt.)	7.8				8.0						
	Opt. equipment-specify (qt.)	9.1 with A/C				9.0 with A/C						
Water jackets full length of cyl. (yes, no)	Yes											
Water all around cylinder (yes, no)	Yes											
Radiator hose	Lower	Number and type (molded, straight)	One — Molded									
		Inside diameter	1.25 at Radiator 1.50 at Water Pump				1.25					
	Upper	Number and type (molded, straight)	One — Molded									
		Inside diameter	1.25 at Radiator 1.18 at Water Outlet Conn.				1.25					
	By-pass	Number and type (molded, straight)	None				One — Molded					
		Inside diameter	-				By-Pass; .95 one end, .79 other					
Fan	Number of blades & spacing	4 Uneven	5 Uneven	4 Uneven	5 Uneven							
	Diameter	16.00x1.38	16.50x2.00	16.00x1.38	17.06x1.89							
	Ratio-fan to crankshaft rev.	1.05:1	1.05:1	1.05:1	1.15:1							
	Fan cutout type	None	Flex Blade	None	Flex Blade							
	Bearing type	Double Row, Sealed, Roller & Ball (Water Pump Bearing)										
*Drive belts (indicate belt used by letter)	Fan											
	Generator or alternator	A	B	A	B	F	F					
	Water Pump & Fan	A	B	AD	BD	F	F					
	Power Steering		B		B	G	G					
	Air Conditioning			ED	ED		H					
	Crankshaft	AC	BC	AD	BD	FG	FGH					
*Drive Belt Dimensions	Idle (Air Pump)	(C)	(C)	(E)D	(E)D	(F)	(F)H					
		A	B	C	D	E	F	G	H	I	J	K
	Angle of V	36°	36°	36°	36°	36°	36	36°	36°			
	Nominal length (SAE)	43.25	54.50	36.75	46.0	34.5	51.00	42.5	53.50			
	Width	3/8	3/8	1/4	1/2	1/4	15/32	15/32	1/2			

@ Dual Belts

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302

Engine — Cooling System

Type system (pressure, pressure vented, atmospheric, other)		Pressure										
Radiator cap relief valve pressure		14-18 PSI										
Circulation thermostat	Type (choke, bypass)	Choke — Poppet or Sleeve Valve										
	Starts to open at ("F")	188-195, Full Open 212										
Water pump	Type (centrifugal, other)	Centrifugal										
	GPM 1000 pump rpm	16										
	Number of pumps	One										
	Drive (V-belt, other)	V-Belt										
	Bearing type	Double Row, Sealed, Ball and Ball (3/4")										
By-pass recirculation type (inter., ext.)		External										
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		Downflow, Tube and Slit Fin										
Cooling system capacity	With heater (qt.)	16.3										
	Without heater (qt.)	15.5										
	Opt. equipment-specify (qt.)	16.3 with Air Conditioner										
Water jackets full length of cyl. (yes, no)		Yes										
Water all around cylinder (yes, no)		Yes										
Radiator hose	Lower	Number and type (molded, straight)	One Molded									
		Inside diameter	1.50 at Radiator 1.75 at Water Pump									
	Upper	Number and type (molded, straight)	Two, Molded									
		Inside diameter	1.50 at Radiator, 1.75 at Filler Neck, 1.50 at Water Pump									
	By-pass	Number and type (molded, straight)	One, Molded									
		Inside diameter	0.615 one end, 0.74 other									
Fan	Number of blades & spacing	7 Uneven	7 Uneven									
	Diameter	17.50 x 1.91	17.50 x 1.91									
	Ratio-fan to crankshaft rev.	0.96:1	1.18:1									
	Fan cutout type	Flex Blade										
	Bearing type	Double Row, Sealed, Ball and Ball (Water Pump Bearing)										
*Drive belts (indicate belt used by letter)	Fan											
	Generator or alternator	B	D	B	D							
	Water Pump & Fan	A	A	C	C							
	Power Steering	A	A	C	C							
	Air Conditioning											
	Crankshaft	AB	AD	CBE	CDE							
	Idler or A/Pump	(B)	(D)	(B) E	(D) E							
*Drive Belt Dimensions		A	B	C	D	E	F	G	H	I	J	K
Angle of V		36°	36°	36°	36°	36°						
Nominal length (SAE)		51.00	42.25	49.25	43.25	53.50						
Width		1/2	3/8	1/2	3/8	1/2						

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Vehicle Emission Control

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Vehicle, Engine, Carburetor and Distributor Modifications Plus Exhaust Gas Recirculation and Air Injection. (a)		
	Air Injection Pump	Type	Vane Type, Constant Displacement		
		Displacement	19 Cu. In.		
		Drive ratio	0.95:1	1.36:1	
		Drive type	Belt		
		Relief valve (type)	None		
		Filter (describe)	Centrifugal		
	Air Injection System	Air distribution (head, manifold, etc.)	Passages in Cyl. Hd. & Exh. Man.	Cylinder Head	
		Point of entry	Exhaust Port in Cylinder Head		
		Injection tube i.d. (drilled)	0.34	0.315	0.25
		Check valve type	Diaphragm		
		Backfire protection (type)	Check Valve	By-Pass Valve	
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled Flow		
		Valve type	Vacuum Operated	Poppet	Tapered Stem (b)
		Valve location	Carb. Spacer		
		Control energy source	Transducer	Venturi Vac. Amp	Carb. Port Vacuum
		Exhaust source	External Tube	Exh. Man. L. H.	Int. man. crossover
		Exhaust cooler type	None		
		Orifice no. and size	None-Tapered Stem	One-(b)	0.250-0.620 (b)
		Point of exhaust injection (spacer, carburetor, manifold, other)	Carb. Spacer		
	Catalytic Converter System	Catalyst	Type	Monolith	
			Volume	95 cu. in. (49S); 160 cu. in. (Calif.)	
		Substrate type	Monolith		
		Container location	Under Floor, Under Inboard Side of Front Seat		
Exhaust Gas Catalytic Conversion System	No. of converters				
	Per Vehicle	one			
	Converter Size	3.5" x 7.0" x 7.3" Long (49S)			
		12" Long (Calif)			

- (a) Air Injection Not Used on 2300cc with Automatic Transmission (49S Only)
(b) To Suit Calibration

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Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)	Standard	Induction System (Closed System)				
		Optional	None				
	Control Unit	Make and model	6A666	Ford D6EE-AA	D7ZE-AA		
		Location	Left Side Crankcase		Rocker Cover		
		Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum				
		Control method (variable orifice, fixed orifice, other)	Variable Orifice				
	Complete System	Discharges (to intake manifold, other)	Intake Manifold	Carb. Spacer			
		Air inlet (breather cap, other)	Carburetor Air Cleaner				
		Flame arrestor (screen, other)	Emission Valve and Air-Cleaner Filter				
Evaporative Emission Control	Fuel Tank	Thermal expansion volume (cu. ft.)	0.1		0.12 Approx.		
		Relief pressure (psi) and location	1.6 PSI Min Relief Pressure Orifice in Tank (a) Plus Valve in Filler Cap.				
		Vacuum relief (psi) and location	0.50 PSI Max. Relief Vacuum Open Orifice in Tank (a) Plus Valve in Filler Cap.				
		Vapor-liquid separator type	Orifice Rollover Valve Assembly in Top of Fuel Tank				
		Vapor vented to (crankcase, canister, other)	Carbon Canister				
	Carbu- retor	Vapor vented to (crankcase, canister, other)	Air Cleaner		Externally Vented to Carbon Canister,		
					Internally Vented to Air Cleaner.		
	Vapor Storage	Storage provision (crankcase, canister, other)	Carbon Canister				
		Volume (cu. ft.) or capacity (grams) (milliliter)	925				
		Control valve type	None				

(a) Orifice assembly on top of auxiliary fuel tank with auxiliary fuel tank equipment.

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Electrical — Supply System

Battery	Make and Model	-10655-	Motorcraft D4ZF-AA	D4AF-AA
	Voltage Rtg. & Total Plates		12 Volt - 54 Plates	12 Volt - 66 Plates
	SAE Designation No. and/or capacity		41 Amp (53 Amp Opt.) (a)	53 Amp
	Location		Right - Rear Corner of Engine Compartment	
	Terminal grounded		Negative	
Generator or Alternator	Make		Motorcraft (40 Amp Std.)	
	Model	10300-(b)	D7AF-BA	D7AF-AA
	Type and rating		3-Phase, Full Wave Bridge Rectified, Self-Limiting	
	Output at engine idle (neutral)			
	Ratio—Gen. to Cr/s rev.		2.2:1 (Std.)	2.16:1 3.00:1
Regulator	Make		Motorcraft	
	Model	-10316-	D4AF-AA (D4TF-AA with 70 or 90 Amp Alt.)	
	Type		Two Unit, Voltage Control and Field Relay	
	Cutout relay	Closing voltage @ generator rpm	2-5 - 4.0 Volts @ 75°F	
		Reverse current to open	Not Applicable	
	Regulated	Voltage	13.5-15.3 @ 50°-125°F on Lower Contacts (Shorting Stage)	
		Current	Not Applicable	
	Voltage test conditions	Temperature	75°F	
		Load	5 Amps	
		Other	-	

Electrical — Starting System

Starting Motor	Make	Motorcraft		
	Model	-11001-	D6EF-BA	D6EF-AA D6OF-AA
	Rotation (drive end view)		Clockwise	
Motor Drive	Engagement type		Positive (Electro-Mechanical)	
	Pinion engages from (front, rear)		Front	
	Pinion		9	
	Number of teeth	Manual	132	138 141
		Auto.	135	138 141
	Flywheel tooth face width	Manual	0.365	
		Auto.	0.365	

- (a) 53 Amp Mandatory with A/C & Heated Backlite, (All Except Model 60 W/ P/S)
(b) Base Requirements; for Complete Application, See Page 15A.

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ALTERNATOR APPLICATIONS

<u>49 STATES ENGINE</u>	<u>NON A/C ALTERNATOR RATING</u>	<u>DRIVE RATIO</u>	<u>A/C ALTERNATOR RATING</u>	<u>DRIVE RATIO</u>
2.3L	D7AF-BA (40) less P/S	2.20	D7AF-DA (60) less P/S	2.31
	D7AF-JA (40) with P/S	2.31	D7AF-LA (60) with P/S	2.42
	D7AF-CA (60) less P/S (a)	2.31		
	D7AF-LA (60) with P/S (a)	2.42		
2.8L	D7AF-AA (40) Std.	2.16	D7EF-BA (70)	2.06
	D7EF-BA (70) (a)	2.06		
302	D7AF-AA (40) Std.	3.00	D7AF-CA (60)	3.00
	D7AF-CA (60) (a)	3.00		
			D7OF-DA (70) (b)	2.62

(a) Mandatory with heated backlite.

(b) Mandatory with heated backlite, Model 69.

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Electrical — Ignition System — Distributor

Breaker gap (in.)				
Cam angle (deg.)				
Brkr. arm tension (oz.)				
Distributor	Manual	D7EE-DA (49S) D7EE-EA (Calif)	77TF-AA (49S)	D7ZE-CA (49S)
	Automatic	D7EE-CA (49S) D7EE-HA (Calif)	77TF-CA (49S)	D7ZE-BA (49S) D7DE-GA (Calif)
Timing	Manual	6° BTDC (49S) 6° BTDC (Calif)	8° BTDC (49S)	12° BTDC (49S)
	Automatic	20° BTDC (49S) 20° BTDC (Calif)	12° BTDC (49S)	4° BTDC (49S) 12° BTDC (Calif)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
D7EE-DA	0-2° @1020	7.5-11.5 @1450	23-28 @5000	0-1 @1.75" 0-6 @3.7"	21.5-26.5@12.4"
D7EE-EA	0-2° @1050	7.2-11.2 @1450	23-28 @5000	0-1 @2" 0-6 @4.35"	21.5-26.5@15.75"
D7EE-CA	0-2° @1600	2-7 @3000	10-15 @5000	0-1 @2.3" 0-6 @4.7"	21.5-26.5@15.75"
D7EE-HA	0-2° @1550	2.5-7.4 @3000	10-15 @5000	0-1 @2" 0-6 @4.75"	21.5-26.5@15.75"
77TF-AA	0-2° @1250	10-15 @2000	16-21 @4200	0-2 @4" 0-6 @5.8"	16-20 @12"
77TF-CA	0-2° @1200	10-15 @1800	16-21 @4200	0-2 @4.5" 0-6 @5.6"	10-14 @10"
D7ZE-CA	0-2° @1150	12.5-16.5@2500	18.5-24 @5000	0-2 @2.2" 0-6 @4.5"	25.5-30.5 @16"
D7ZE-BA	0-2° @ 850	12-16 @1300	27-32 @5000	0-2 @3.5" 0-7 @5.5"	21.5-26.5@15.2"
D7OE-GA	0-2° @ 850	12-16 @1300	27-32 @5000	0-2° @3" 0-7 @5.5"	21.5-26.5@16"

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Electrical—Ignition System

Type	Conventional - Std., Opt., N.A.	NA	
	Transistorized - Std., Opt., N.A.	Breakerless	
	Other (specify)	None	
Coil	Make	Motorcraft	
	Model	-12029-	D3AF-AA D5AE-AB (D7AE-AA Cal.)
	Current	Engine stopped	4.5 5.0 (0.0 Calif.)
		Engine idling	2.5 2.5 (1.0 Calif.)
Spark Plug	Make	Motorcraft	
	Model	-12405-	AWRF-42 AWSF-42 ARF-52 (ARF-52-6 Cal.)
	Thread (mm)	14mm	
	Tightening torque (lb. ft.)	10-15	25-30 10-15
	Gap	.034	0.050 (0.060 Calif.)
Cable	Conductor type	Resistance Core Cable	
	Insulation type	Hypalon EPDM	
	Spark plug protector	Silicone Boot Silicone	

Electrical—Suppression

Locations & type	Capacitor in Alternator, Ignition Coil, Voltage Regulator Capacitor Attached Resistance Core Ignition Cable and Hood Ground Bond. Engine Mount to Frame Ground Straps (170.8 CID) Ground Cable Engine to Dash (140 CID).
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Electrical—Instruments and Equipment

Speed-ometer	Type	Pointer
	Trip odometer (std. opt., N.A.)	N.A.
EGR maintenance indicator		
Charge Indicator	Type	Ammeter (Shunt) (45°)
	Warning device	
Temperature Indicator	Type	Electric Gage, 45° Pointer
	Warning device	
Oil pressure Indicator	Type	Warning Light
	Warning device	
Fuel Indicator	Type	Electric Gage
	Warning device	
Wind-shield Wiper	Type - standard	Two-Speed Electric
	Type - optional	Interval Selector (Electric Variable Dwell)
	Blade length	18 In.
	Swept area	767 In. ²
Wind-shield Washer	Type - standard	Electric Pump (Impeller Type)
	Type - optional	None
	Fluid level indicator	None
Horn	Type	Air Electric
	Number used	1
	Current draw (A) per horn	5.5 Amps. Max.
Other	Brake System Warning Light — Emergency Flasher, Directional Signal Lights, Hi-Beam Indicator, Fasten Seat Belts Warning Lights — std., Electric Tachometer — Std., Door Ajar, Headlamps, Warning Lights and Buzzer — Opt.	

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Drive Units—Clutch (Manual Transmission)

Make & type		Single Disc. Dry Plate		
Type pressure plate springs		Belleville Spring		
Total spring load (lb.)		990	1200	1,542
No. of clutch driven discs		One		
Clutch facing	Material	Woven Asbestos		Raybestos
	Manufacturer	Porter		
	Part Number	—		
	Rivets/Plate	12	24	32
	Rivet size	9/64 x 7/32		
	Outside & inside dia.	8.5 x 5.75	9.5 x 6.0	10.0 x 6.75
	Total eff. area (sq. in.)	61.56	85.22	85.5
	Thickness	0.125	0.125/0.150	
	Engagement cushioning method	Torband Disk		
Release bearing	Type & method of lubrication	Angular Contact, Prepacked		
Torsional damping	Methods: springs, friction material	Steel Coil Springs		

Drive Units—Transmissions

Manual 3-speed (std., opt., N.A.)	N.A.
Manual 4-speed (std., opt., N.A.)	Std.
Automatic (std., opt., N.A.)	Opt.

Drive Units — Manual Trans.

Number of forward speeds		Four		
Transmission ratios	In first	3.50:1	3.50:1	2.64:1
	In second	2.21:1	2.21:1	1.89:1
	In third	1.43:1	1.43:1	1.34:1
	In fourth	1.00:1	1.00:1	1.00:1
	In reverse	3.38:1	3.38:1	2.56:1
Synchronous meshing, specify gears		1st, 2nd, 3rd, 4th		
Shift lever location		Floor		
Lubricant	Capacity (pt.)	3.5		
	Type recommended	ESW-M2C-83B, ESP-M2C-83C		
	SAE viscosity number	Summer	80	
		Winter	80	
		Extreme cold	—	

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Drive Units—Automatic Transmission

Trade name		Select Shift (C-3) (a)	Select Shift (C-4)
Type (describe)		Torque Converter with Planetary Gears	
Selector location		Floor Mounted	
Gear Ratios	P	—	—
	R	2.11:1	2.19:1
	N	—	—
	D	1.00:1	1.00:1
	L2	1.47:1	1.46:1
	L1	2.47:1	2.46:1
Max. upshift speed - drive range			65
Max. kickdown speed - drive range			55
Torque Converter	Number of elements	Three	
	Max. ratio at stall	2.9:1	2.05:1
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	10.25	
Lubricant	Capacity - refill (pt.)	16 (Approx.) C-3; 18 (Approx.) C-4	18 (Approx.)
	Type recommended	Type F (M2C33F)	
Special transmission features		Transmission Can Be Locked in Drive 1 or Drive 2, Vacuum Controlled Throttle Valve.	

Drive Units—Axle

Type (front, rear)		Rear	
Description		Conventional, Semi-Floating, Overhung Pinion (Straddle Mtd.)	
Limited Slip differential, type		None	
Drive Pinion Offset		1.50	
No. of differential pinions		Two	
Pinion adjustment (shim, other)		Shim	
Pinion bearing adj. (shim, other)		Collapsible Spacer	
Wheel bearing type		Single Row, Double Sealed Ball Bearing	
Lubricant	Capacity (pt.)	6.75 In.; 3.0	8.00 In.; 4.5
	Type recommended	M2C-105-A	
	SAE viscosity number	Summer	SAE 90
		Winter	SAE 90
		Extreme cold	SAE 90

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

Axle ratio		3.18:1	3.00:1
No. of teeth	Pinion	11	13
	Ring gear	35	39
Ring Gear O. D.		6.75	8.00

(a) C-4 Transmission with 170.8 CID and Altitude Package

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Drive Units—Propeller Shaft

Number used		One			
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight Tube (Cardboard Lined) with Tuned Damper			
Outer diam. x length* x wall thickness	Manual 3-speed trans.	Not Available			
	Manual 4-speed trans.	3.50x46.00x0.065(a) 3.50x45.64x0.065(b)	3.00x45.64x0.065(b)	3.00x45.94x0.065(a)	
	Automatic transmission	3.50x49.88x0.065(a)(c) 3.50x47.73x0.065(a)(d)	3.50x47.13x0.065(b)(d)	3.00x46.73x0.065(b)(d)	
Inter-mediate bearing	Type (plain, anti-friction)	None			
	Lubrication (fitting, prepack)	None			
Slip Yoke	Type	Tuned Damper Design			
	Number of teeth	C3 & Man. Trans. -25; C4-28		28	
	Spline O. D.	1.115 Max.		1.220 Max.	
Universal joints	Make and Mfg. No.	Ford 1310			
	Number used	Two			
	Type (ball and trunnion, cross)	Cross			
	Rear attach. (u-bolt, clamp, etc.)	"U"-Bolt			
	Bearing	Type (plain, anti-friction)	Needle Roller		
		Lubric. (fitting, prepack)	Pre-Pack		
Drive taken through (torque tube or arms, springs)		Rear Springs			
Torque taken through (torque tube or arms, springs)		Rear Springs			

*Center to center of universal joints, or to centerline of rear attachment.

- (a) 6-3/4" Axle
- (b) 8" Axle
- (c) C3 Automatic
- (d) C4 Automatic

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Body Type And/Or Engine Displacement, Etc.

60F/69F	60H	69R 170 cuBcs
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Drive Units — Tires And Wheels (Standard)

TIRES	Size, load range, ply	B78-13	BR78-13	BR70-13
	Type (bias, radial, etc.)	Bias	Steel Belted Radial	
	Inflation pressure (cold) for recommended max. vehicle load	24	25 (2.3L with A/C and 2.8L non A/C)	
	Front PSI	24	25 (2.3L with A/C and 2.8L non A/C)	
	Rear PSI	25	872	
WHEELS	Rev./mile @ 45 mph	861		Styled-steel-stamped
	Type & material	Disc-stamped		
	Rim (size & flange type)	13x5.0JJ		
	Wheel offset	0.62		
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	4.25	
		Number & size	Four, 1/2-20	
	Spare wheel (same or other)	Disc-stamped (Std. type)		

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	BR78-13 BSW/WSW
Type (bias, radial, etc.)	Steel Belt Radial
Wheel type & material	Std. Steel, Styled Steel Optional
Rim (size, flange type, and offset)	13x5.0JJ (0.62 Offset)
Size, load range, ply	BR70-13 RWL
Type (bias, radial, etc.)	Steel Belt Radial
Wheel type & material	Std. Steel, Styled Steel Optional
Rim (size, flange type, and offset)	13x5.0JJ (0.62 Offset)
Size, load range, ply	B78-13 WSW
Type (bias, radial, etc.)	Bias
Wheel type & material	Std. Steel, Styled Steel Optional
Rim (size, flange type, and offset)	13x5.0JJ (0.62 Offset)
Size, load range, ply	195/70R-13 WSW/RWL/WWWSW (Std. 2.8L and A/C all 302 Cid)
Type (bias, radial, etc.)	Steel Belt Radial
Wheel type & material	Std. Steel, Styled Steel Optional
Rim (size, flange type, and offset)	13x5.5JJ (0.39 Offset) NORMAL OFFSET IS 0.62"
Size, load range, ply	All Tires
Type (bias, radial, etc.)	-
Wheel type & material	Aluminum - Forged or Cast
Rim (size, flange type, and offset)	13x5.5JJ (0.39 Offset)

Brakes — Parking

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

MVMA Specifications Form Passenger Car

Car Line MUSTANG II
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Body Type And/Or Engine Displacement

ALL MODELS

Brakes — Service

Brake Type (std., opt., N.A.)	Drum	Front	N. A.	
		Rear	Std.	
	Disc	Front	Front Disc Std.	
		Rear	N. A.	
Self adjusting (std., opt., N.A.)			Std.	
Special Valving	Type (proportion, delay, metering, other)		Pressure Differential and Proportioning	
Power Brake (std., opt., N.A.)			Optional, Mandatory with 302 CID V-8	
Booster Type (remote, integral, etc.)			7.5 in. Tandem	
Effective area (sq. in.) *			23.6 Front - 47.1 Rear	
Gross lining area (sq. in.) **			26.0 Front - 51.6 Rear	
Swept area (sq. in.) ***			145.5 Front - 98.9 Rear	
Drum	Diameter (nominal)	Front	N. A.	
		Rear	9.00 x 1.75	
Type and material		Composite, Cast Iron/Steel, Finned		
Rotor	Outer working diameter		9.30	
	Inner working diameter		6.24	
	Thickness		0.875	
	Material & type (vented/solid)		Cast Iron Vented	
Wheel cylinder bore	Front		2.60	
	Rear		0.875	
Master Cylinder	Bore		0.9375	
	Stroke		1.250 Manual -- 1.32 Power	
Pedal arc ratio			6.00:1 Manual -- 3.53:1 Power	
Line pressure at 100 lb. pedal load			750 PSI Manual -- 1230 PSI Power	
Shoe Clearance	Front		-	
	Rear		0.015 Nominal	
Anti-skid device type (std., opt., N.A.)			N. A.	
Bonded or riveted, rivets/seg.			Riveted	
Rivet size				
Manufacturer			Thermoid & Bendix Front; Bendix Rear	
Part number			TPD 8163/FMD 7157A, 4641A-Pri./H 3133-Sec.	
Brake lining	Front Wheel	Material		Molded Asbestos
		Size (length x width x thickness)	Prim. or out-board	5.00 x 1.36 x 0.410
			Second. or in-board	5.00 x 1.36 x 0.410
		Segments per shoe		One
	Shoe thickness		-	
	Rear Wheel	Material		Molded Asbestos
		Size (length x width x thickness)	Prim. or out-board	6.12 x 1.75 x 0.189
			Second. or in-board	8.63 x 1.75 x 0.245
Segments per shoe		One		
Shoe thickness		-		

* 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.)

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Car Line MUSTANG II
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ALL MODELS AND ENGINES

Steering

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional, Mandatory with 302 CID V-8	
Adjustable steering wheel (tilt, swing, other)	Type and description	N. A.	
	(std., opt., NA)	N. A.	
Wheel diameter	Manual	15-inch	
	Power	15-inch	
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	-
		Curb to curb (l. & r.)	34.19 Manual -- 34.11 Power
	Inside rear	Wall to wall (l. & r.)	18.22
		Curb to curb (l. & r.)	18.87
Manual	Gear	Type	Rack and Pinion
		Make	Cam Gear Ltd.
		Ratios	(N. A. for Rack and Pinion Design)
		Overall	24.2:1 (on center)
	No. wheel turns (stop to stop)		4.15
Power	Type (coaxial, linkage, etc.)		Integral
	Make		TRW
	Gear	Type	Rack & Pinion with Integral Power Unit (a)
		Ratios	(Not Applicable for Rack & Pinion Design)
		Overall	19.03:1 (On Center)
	Pump driven by		Belt Off Crankshaft Pulley - Lube M2C 128-D
	No. wheel turns (stop to stop)		3.30
Linkage	Type		Rack and Pinion Type
	Location (front or rear of wheels, other)		Front of Wheels
	Drag link (trans. or longit.)		None
	Tie rods (one or two)		2 (Tie Rods Integral with Rack and Pinion Gear)
Steering Axis	Inclination at camber (deg.)		9.763
	Bearings (type)	Upper	Ball Joint
		Lower	Ball Joint
		Thrust	Spring Steel in All Joints
	Whl. Align. (range at curb wt. & preferred)		
	Caster (deg.)		-0.62 thru +2.38 (+0.875 Nom.) (b)
	Camber (deg.)		-0.50 thru +1.50 (0.50 Nom.) (b)
	Toe-in (outside track inches)		0.0 thru +0.125 Nom. (Ball Joints)
Steering spindle & joint type		Integral with Wheel Spindles; Ball & Socket Joints	
Wheel Spindle	Diameter	Inner bearing	1.3767 I. D.
		Outer bearing	0.8647 I. D.
	Thread size		13/16 - 20 UNEF (2A R. H. Thd.)
	Bearing type		Tapered Roller

- (a) Lubrication — Use M2C128-D for Hydraulic Portion; M2C105-B for Mechanical Portion.
 (b) Maximum caster and camber difference between wheels (side-to-side) not to exceed 1°.
 (c) The Steering wheel spokes (clear vision) must be within $\pm 10^\circ$ of horizontal after toe setting.

MVMA Specifications Form Passenger Car

Car Line MUSTANG II
Model Year 1977 Issued 9-76 Revised (●) _____

Body Type And/Or Engine Displacement

60F	60H	69F	69R
-----	-----	-----	-----

Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling	None
Provision for brake dip control	Tilted Upper Control Arm Anti-Dive Front Suspension
Provision for acc. squat control	Asymmetrical Type Rear Spring Mounting
Special provisions for car jacking	Side of Car — Outside Rocker Panel Flanges, Frt. & Rear
Shock absorber front & rear	Type Direct Acting, Integral Jounce Bumper (Frt) and Rebound Stop
	Make Motorcraft
	Piston dia. 1.00 (1.18 for H. D.)
Other special features	-Scissors Jack & Wrench -Staggered Rear Shock Absorber Installation (a)

Suspension — Front

Type and description	Independent Short/Long Arm W/Ball Joints, Spring on Lwr. Arm.
Travel	Full Jounce 3.59 at Wheel
	Full Rebound 3.17 at Wheel
Spring	Type (coil, leaf, other) Coil
	Material SAE 1060 Boron Steel
	Size (coil design height & I.D., bar length x dia.) 9.0 x 3.50 (coil); 108.5 Bar Length; 0.57 Bar Diameter
	Spring rate (lb. per in.) (b) 300 lb. per in., 350 lb/in. (H. D.)
	Rate at wheel (lb. per in.) (b) 118 lb. per in., 136 lb/in. (H. D.)
Stabilizer	Type (link, linkless, frameless) Link Type
	Material & bar diameter SAE 1090 - 0.75 Dia. (Std.); 1.00 (Opt.)

Suspension — Rear

Type and description	Hotchkiss
Drive and torque taken through	Rear Springs
Travel (Design)	Full Jounce 3.19
	Full Rebound 3.89
Spring	Type (coil, leaf, other) Semi-Elliptical Leaf
	Material SAE-5160 Steel
	Size (length x width, coil design height & I.D., bar length & dia.) 50.0 x 2.5 All Models
	Spring rate (lb. per in.) See below (c)
	Rate at wheel (lb. per in.) See below (d)
	Mounting insulation type Rubber Bushings
	If No. of leaves 4 Plus Stub Leaf — All Models & H. D.
	leaf Shackle (comp. or tens.) Compression
Stabilizer	Type (link, linkless, frameless) Link Type
	Material & bar diameter SAE 1090 Steel; Dia. 0.75 with optional H. D. suspension
Track bar type	None

- (a) Adjustable Rebound Control - H. D.
(b) Base Vehicle, Model 60F
(c) 103 Std. All Engines; 127 H. D. All
(d) 107 Std. All Engines; 131 H. D. All

MVMA Specifications Form

Passenger Car

Car Line MUSTANG II
Model Year 1977 Issued 9-76 Revised (•) _____

Body Type

2-DOOR MODELS 60F - 60H	3-DOOR MODELS 69F - 69R
----------------------------	----------------------------

Frame

Type and description (Separate frame, unitized frame, partially - unitized frame)

PLATFORM TYPE UNITIZED CONSTRUCTION (Isolation Type, Front Suspension Sub-Frame)

Body — Miscellaneous Information

[illegible]

MVMA Specifications Form Passenger Car

Car Line MUSTANG II
Model Year 1977 Issued 9-76 Revised (●) _____

Body Type

2-DOOR MODELS
60F — 60H

3-DOOR MODELS
69F — 69R

Convenience Equipment

Power windows	Side windows	N. A.
	Vent windows	N. A.
	Backlight or tailgate	N. A.
Power seats (specify type as well as availability)		N. A.
Reclining front seat back (R-L or both)		N. A.
Radios (specify type as well as availability)		OPT. — AM, AM/Tape, AM/FM Mono; AM/FM/MPX; AM/FM/MPX Tape
Rear seat speaker		N. A.
Power antenna		N. A.
Clock		Digital (Optional)
Air conditioner (specify type and availability)		Optional, Integral in Instrument Panel (Multiple — Outlets)
Speed warning device		N. A.
Speed control device		N. A.
Ignition lock lamp		N. A.
Dome lamp		Std.
Glove compartment lamp		Opt.
Luggage compartment lamp		Opt.
Underhood lamp		Opt.
Courtesy lamp		Opt.
Map lamp		Opt. (Deleted with Sun Roof Options)
Cornering light lamp		N. A.
Rear window defroster electrically heated		Optional
Rear window defogger		N. A.
Steering Wheel, Leather		Optional
Rear Seat, Folding		Optional (Std. on 69F and 69R)
Sun Roof		Optional on 60 Models Only (Flip or Sliding Types)
Console		Optional All Models

Lamp Height And Spacing*

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	26.6
		Lowest	
	Tail (H126)	Highest	28.1
		Lowest	
Distance from C/L of car to center of bulb	Sidemarkers	Front	19.25
		Rear	20.1
	Headlamp	Inside	
		Outside**	26.42
	Tail	Inside	12.84
		Outside	26.15
	Directional	Front	13.95
		Rear	19.45

*Measured with passenger load and trunk/cargo load specified in Car and Body Dimension section.

**If single headlamps are used enter here.

MVMA Specifications Form Passenger Car

Car Line MUSTANG II
Model Year 1977 Issued 9-76 Revised (●) _____

Vehicle Weights								
Model	CURB WEIGHT* (Pounds)			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT ** (Pounds)
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
2-Door Sedan 60F	1498	1218	2716	+110 =	2826	2.8 L	100% MAN.	2613 ± Co + 10 + 200 L + 110 2.6 L
2-Door Ghia 60H	1507	1254	2761					= 2733 2658
3-Door Sedan 69F	1502	1263	2765					2662 - 2695 + 120
3-Door Mach I 69R	1575	1318	2893	2.8 ENGINE				2782 + 10 COOLANT 2792
<div>302" MAN TRAN + 13 302 w/MAN + 294 x 2.613 7910 x 10 79100 COOLANT</div>								
								STD TRANS: +13" on 2.3 L.
* ABOVE CURB WEIGHTS REFLECT VEHICLE WITH 2.3L STD. ENGINE AND OPTIONAL C-3 AUTOMATIC TRANSMISSION, EXCEPT FOR MODEL 69R WHICH REFLECTS THE 2.8L STANDARD ENGINE AND STANDARD 4-SPEED MANUAL TRANSMISSION.								

* Reference - SAE J1100, Passenger Car Dimension Definitions, Pg. 1, Base Curb Weight.

** Shipping weight definition - Curb Weight Less Coolant and Fuel - 103 LB (111 LB for 69R)

MVMA Specifications Form Passenger Car

Car Line **MUSTANG II**
Model Year **1977** Issued **9-76** Revised (●)

	Optional Equipment Weights			
Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
2.3L-2V - Manual Trans.	14	-1	13	Over 2.3L-2V, Automatic Trans.
2.8L-2V - Manual Trans.	85	25	110	Over 2.3L-2V, Automatic Trans.
302-2V - Manual Trans.	228	56	284	Over 2.3L-2V, Automatic Trans.
2.8L-2V - Auto Trans.	110	32	142	Over 2.3L-2V, Automatic Trans.
302-2V - Auto Trans.	232	65	297	Over 2.3L-2V, Automatic Trans.
H.D. Battery	3	0	3	
Front License Bracket	2	-1	1	
Air Conditioning (I-4)	112	-4	108	
(V-6)	110	-4	106	
(V-8)	92	-2	90	
Power Steering (I-4)	29	-1	28	
(V-6, V-8)	31	-1	30	
Power Brakes (I-4)	7	1	8	
(V-6, V-8)	8	1	9	
Radio -- AM	5	1	6	Included Radio, Speaker (s), Antenna.
-- AM/FM Monaural	8	2	10	Suppression Components & Attaching Parts.
-- AM/FM Multiplex	7	1	8	
-- AM/FM/MPX Tape	9	2	11	
-- AM/Tape	8	2	10	
Vinyl Roof - Full	1	3	4	Model 60F Only
Dual Racing Mirrors Rem.	2	1	3	
Sun Roof (Glass)	11	14	25	Model 60F & H Only
Sun Roof - Manual (Steel)	15	22	37	Model 60F & H Only
Folding Rear Seat	1	44	45	Std on 69F & R; RPO on 60F & H
Wire Wheel Covers	5	5	10	Over Std. Wheel Covers
Styled Steel Wheels (4)	4	4	8	Over Std. Wheels
Alum. Whls. - Cast Spoke(4)	-1	-2	-3	Over Std. Wheels
Alum. Wheels - Forged (4)	-2	-2	-4	Over Standard Wheels
B78-13 WSW	1	2	3	Over B78 BSW
BR78-13 BSW	6	11	17	Over B78 BSW
BR78-13 WSW	7	12	19	Over B78 BSW
BR70-13 RWL	7	14	21	Over B78 BSW
195/70R-13 WSW	11	21	32	Over B78 BSW
195/70R-13 WWSW/RWL	12	21	33	Over B78 BSW
Convenience Group	1	2	3	
Ext. Accent Group	4	4	8	
4-Way Man. Bkt. Seat	2	2	4	Driver Only
Console	4	4	8	
Luggage Rack	-2	10	8	Model 60 Only
Cobra II Option	4	9	13	Model 69F Only
Ghia Sports Group	2	14	16	Model 60H Only
Visibility/Light Group	3	1	4	
Bumper Prot. Group	3	4	7	
Vinyl Insert B/S Mldg	1	4	5	
Rocker Panel Mldg	1	1	2	
Appear. Prot. Group	3	2	5	
Luxury Interior	1	1	2	Model 60
	5	4	9	Model 69
Electric Backlite	0	1	1	Model 60
	0	2	2	Model 69

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Car Line MUSTANG II
Model Year 1977 Issued 9-76 Revised (●) _____

Body Type

ALL MODELS

Vehicle Fiducial Marks

Fiducial Mark
Number *

Define Coordinate Location

1 & 2

Front

The front vertical edge of the master control notch on the under side of the front door rocker panels locates the "x" coordinate relative to body grid.

3 & 4
5 & 6

Rear

The intersection of the lower and inboard surfaces (outside of metal) of the rocker panel door rabbet locates the "y" and "z" coordinates relative to body grid at particular fore-aft inch lines. The fore-aft location can be determined by using the reference dimension from Fiducial Mark 1 & 2.

Fiducial
Mark
Number

Coordinate Location of
Fiducial Mark

Fiducial Mark
to Ground
at Curb

1 & 2

Front

<u>X</u>	<u>Y</u>	<u>Z</u>	
+20.000	N. A. #	N. A. #	(RH and LH SYMMETRICAL)

3 & 4

<u>X</u>	<u>Y</u>	<u>Z</u>	
+19.500	+29.075	+.135	(RH and LH SYMMETRICAL)

Rear

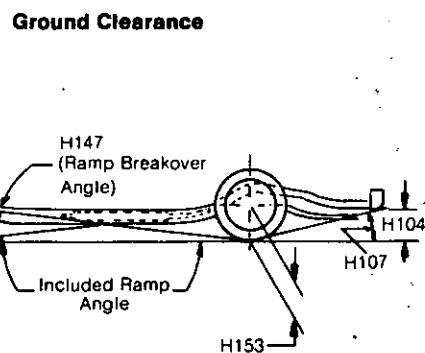
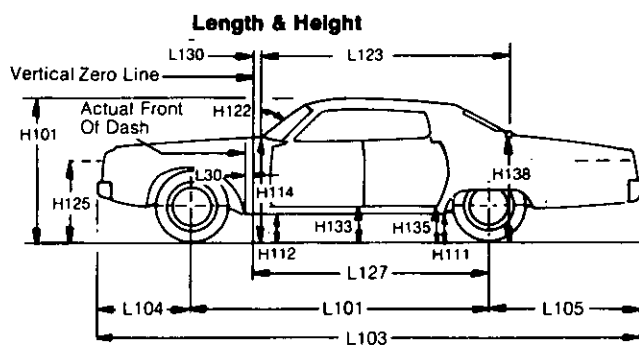
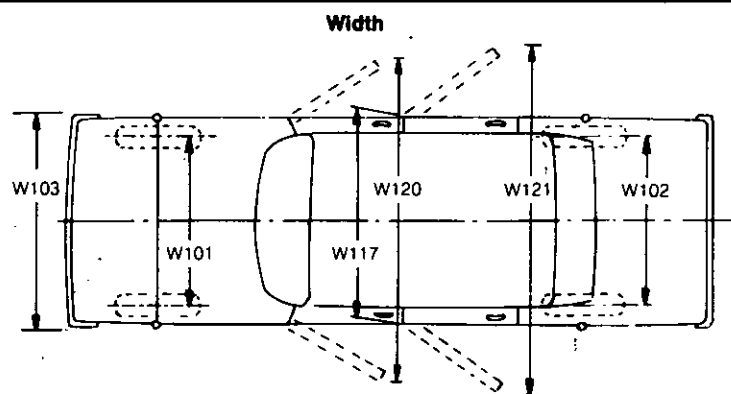
5 & 6

+50.000	+29.055	-.165	(RH and LH SYMMETRICAL)
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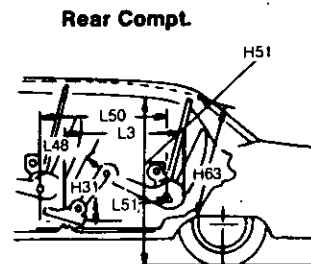
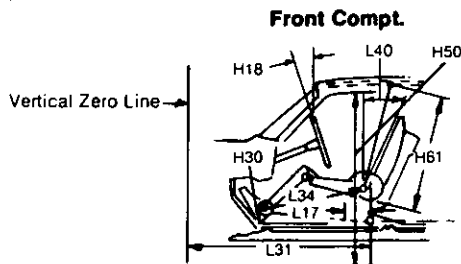
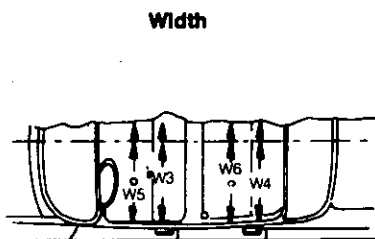
N. A. DENOTES: NOT APPLICABLE FROM THIS CONTROL POINT

MVMA Specifications Form Passenger Car

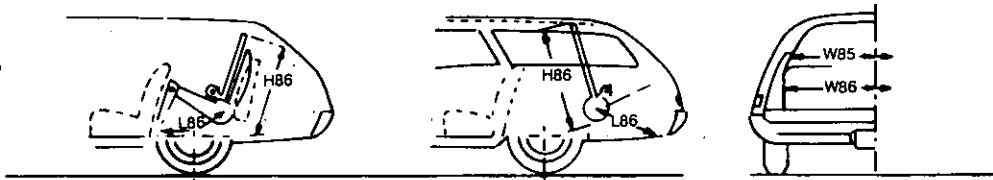
Exterior Car And Body Dimensions — Key Sheet



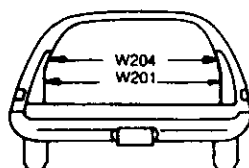
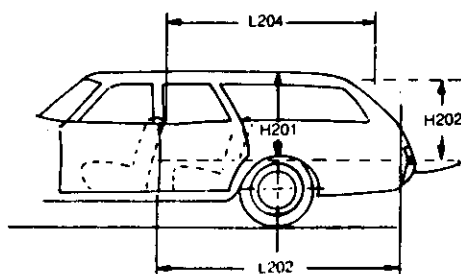
Interior Car And Body Dimensions — Key Sheet



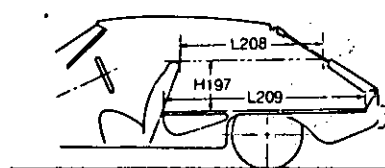
Third Seat



Cargo Space



Station Wagon



Hatchback

MVMA Specifications Form

Passenger Car

Exterior Car And Body Dimensions — Key Sheet

Dimension Definitions

Width Dimensions

- W101 WHEEL TREAD — FRONT. Measured at centerline of tires, with nominal camber, at ground.
- W102 WHEEL TREAD — REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT NO. 2 PILLAR. Measured across body at No. 2 pillar, excluding hardware and applied moldings.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN is measured in same manner as W120.

Length Dimensions

- L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (—) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG — FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG — REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

Height Dimensions

- H101 OVERALL HEIGHT — DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND. Measured at vehicle centerline.
- H138 DECK POINT TO GROUND. Measured at vehicle centerline.

H112 ROCKER PANEL TO GROUND — FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.

H133 BOTTOM OF DOOR TO GROUND, CLOSED — FRONT is the same point on the door as H132 dimension, with door closed.

H111 ROCKER PANEL TO GROUND — REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.

H135 BOTTOM OF DOOR TO GROUND, CLOSED — REAR is measured in same manner as H133.

H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.

H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.

H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

Ground Clearance Dimensions

H102 BUMPER TO GROUND — FRONT. Minimum dimension, includes bumper guards.

H104 BUMPER TO GROUND — REAR. Minimum dimension, includes bumper guards.

H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.

H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.

H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference; measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.

H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND is a minimum clearance.

H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Front Compartment Dimensions

- L31 H POINT TO VERTICAL ZERO LINE — FRONT is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H75 EFFECTIVE T POINT HEADROOM — FRONT. The arc dimension from the T Point to the headlining plus 30 inches.
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H30 H POINT TO HEEL POINT — FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within the belt line to 10 inches above the H-point—front.
- W5 HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within 1.0 inches below and 3.0 inches above the H-point height and 3.0 inches fore and aft of the H-point.
- H50 UPPER BODY OPENING TO GROUND — FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- H18 STEERING WHEEL ANGLE — VERTICAL. 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 H-Point-Front and the torso line.

Rear Compartment Dimensions

- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 EFFECTIVE HEAD ROOM — REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H76 EFFECTIVE T POINT HEADROOM — REAR. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM — REAR. Measured along a diagonal line from the ankle pivot center to the H

Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.

- H31 H POINT TO HEEL POINT — REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 KNEE CLEARANCE. The minimum dimension measured from the knee pivot center to the back of front seatback minus 2.0 inches.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the H-point—second within 10.0-16.0 inches above the H-point—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND — REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

Luggage Compartment Dimensions

- V1 LUGGAGE CAPACITY — USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

Station Wagon — Third Seat Dimensions

- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W4.
- W86 HIP ROOM—THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM — THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H86 EFFECTIVE HEAD ROOM — THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.
- H89 EFFECTIVE T POINT HEADROOM — THIRD SEAT. Measured in the same manner as H75.

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Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Station Wagon — Cargo Space Dimensions

- L202 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
- L204 CARGO LENGTH AT BELT — FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
- W201 CARGO WIDTH — WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail and liftgates fully open.
- V2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

$$\frac{W4 \times L204 \times H201}{1728}$$

Hatch Back — Cargo Space Dimensions

All hatch back cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatch back door is in the closed position (For electrically adjusted seats, see manufacturer's specifications for Design 'H' Point).

- H197 FRONT SEAT BACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seat back to the undepressed floor covering.
- L208 CARGO LENGTH AT FRONT SEAT BACK HEIGHT. The horizontal dimension measured from the top rear of front seat back to the inside limiting interference of the hatch back door on the car centerline.
- L209 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension measured at floor level from the rear of the front seat back to the normal limiting interference of the hatch back door on the car centerline.
- V3 HATCH BACK — CARGO INDEX VOLUME. Hatch back cargo index volume is to be determined by the following formula, and expressed in terms of cubic feet.

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728}$$

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