

1973

AMA SPECIFICATIONS FORM

. . . Passenger Car

MANUFACTURER	CAR NAME	
FORD MOTOR COMPANY	MUSTANG	
MAILING ADDRESS	MODEL YEAR	ISSUED:
P. O. Box 2053 Dearborn, Michigan 48121	1973	SEPT., 1972
		REVISED (a)

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AMA Specifications Form—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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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 7-72 REVISED (e)

BODY MODEL	Body Series, Type and Number. (Use mfg'r's. code for identification)	Number of Passengers (Indicate Front/Rear)
65 D	Mustang 2-Door Hardtop	2-2
63 D	2-Door Fastback	2-2
76 D	2-Door Convertible	2-2
65 F	Grande 2-Door Hardtop	2-2
63 R	Mach I 2-Door Fastback	2-2

MODEL _____

	<u>Mustang</u>	<u>Mach I</u>	<u>Grande</u>
Engines			
250-1V Six	Std.	N. A.	Std.
302-2V V8	Opt.	Std.	Opt.
351-2V V8	Opt.	Opt.	Opt.
351-4V V8	Opt.	Opt.	Opt.

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (*)

CAR AND BODY DIMENSIONS

See Pages 27, 28 for SAE Dimension Definitions

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.

MODEL	SAE Ref. No.	65 D-F Hardtop 2-Door	2-Door Convertible 76D	2-Door Fastback 63 D-R
WIDTH				
Track - Front	W101	61.0		
Track - Rear	W102	60.8		
Maximum overall car width	W103	74.1		
Body width at No. 2 pillar	W117	71.7		
Max. front doors open	W120	161.3		
Max. rear doors open	W121	-		
LENGTH				
Body "O" to front of dash	L 30	-1.3		
Wheelbase	L101	109.0		
Overall car length	L103	193.8		
Overhang - front	L104	43.3		
Overhang - rear	L105	41.5		
Body upper structure length	L123	86.3	94.5	102.6
Body "O" line to ϕ of rear wheel	L127	88.5		
Body "O" line to w/s cowl point	L130	7.2		
HEIGHT				
Passenger Distribution (front & rear)		2-1		
Trunk/Cargo load (lbs.)		-		
Overall height	H101	50.7	50.4	50.0
Cowl height	H114	36.3		
Deck height	H138	37.2	36.7	39.8
Rocker panel - front	H112	8.2		
From front wheel ϕ				
Bottom of front door to ground	H133	10.6		
Rocker panel - rear	H111	7.5		
From rear wheel ϕ				
Bottom of rear door to ground	H135	-		
Windshield slope angle	H122	60.2°		
GROUND CLEARANCE				
Bumper to ground - front	H102	14.7		
Bumper to ground - rear	H104	16.3		
Angle of approach	H106	17.1°		
Angle of departure	H107	18.4°		
Ramp breakover angle	H147	12.2°	11.7°	12.2°
Rear axle differential to ground	H153	6.3		
Min. running clearance (Specify)	H156	4.6 (Exhaust System)		

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CAR AND BODY DIMENSIONS

See Pages 27, 29 for SAE Dimension Definitions

MODEL	SAE Ref. No.	2-Door Hardtop 65 D/F	2-Door Convertible 76D	2-Door Fastback 63 D/R
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FRONT COMPARTMENT

H Point to body "D" line	L31	43.6/43.5	43.2	43.6/43.5
Effective head room	H61	37.2/37.0	37.7	37.0/36.7
Max. eff. leg room — accelerator	L34	41.7/41.5	41.2	41.7/41.5
H Point to Heel point	H30	7.4/7.7		6.8/7.1
H Point travel	L17	5.4		
Shoulder room	W 3	56.1		
Hip room	W 5	55.7		55.6
Upper body opening to ground	H50	46.2		46.0

REAR COMPARTMENT

H Point couple distance	L50	26.5/26.1	26.9	—
Effective head room	H63	36.0/35.7	36.4	—
Min. effective leg room	L51	28.2/27.9	28.6	—
H Point to Heel point	H31	9.4/9.8		—
Min. knee room	L48	-1.2/-1.9	-0.7	—
Rear Compartment room	L 3	20.0/19.6	20.5	—
Shoulder room	W 4	53.5	43.9	—
Hip room	W 6	47.2	44.2	—
Upper body opening to ground	H51	—		

LUGGAGE COMPARTMENT

Usable luggage capacity (cu. ft.)	V1	9.5	8.1	8.3
Liftover height	H195	29.3		
Position of spare tire storage				
Method of holding lid open				

STATION WAGON — THIRD SEAT

Shoulder Room	W85			
Hip room	W86			
Effective leg room	L86			
Effective head room	H86			
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	V2			

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POWER TEAMS

(Indicate whether standard or optional)

Gross bhp (brake horsepower) and gross torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

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

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio)
	Displ. cu. in.	Cyls.	Compr. Ratio	Net @ RPM			
				BHP	Torque		
All Except 63R	250	1V	MAX.	95@ 3200	199@ @1600	3-Spd. Manual	<u>3.00</u>
						3-Spd. Auto.	<u>2.79:1, (3.00:1)</u>
All (a)	302	2V	8.0	141@ 4000	229@ @2600	3-Spd. Manual	<u>(3.00:1)</u>
						3-Spd. Auto.	<u>2.79:1, (3.00:1)</u>
All	351	2V	8.0	173@ 4400	258@ @2400	3-Spd. Manual	<u>(2.75:1, 3.25:1)</u>
						3-Spd. Auto.	<u>(2.75:1, 3.25:1)</u>
All CJ	351	4V	7.9	259@ 5600	292@ 3400	4-Spd. Manual	<u>3.50:1,* (3.25:1)</u>
						3-Spd. Auto.	<u>(3.25), 3.50:1</u>

(a) Base Engine for 63R

Indicates Locking Axle Available

() Indicates Axle's Available with A/C

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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a) 11-72MODEL 250-1V 302-2V 351-2V 351-4V (CJ)

ENGINE - GENERAL

Type, no. cyls., valve arr.	In-Line, 6, OHV	90°V, 8, OHV		
Bore and stroke (nominal)	3.682 x 3.91	4.002 x 3.00	4.002 x 3.50	
Piston displacement, cu. in.	250	302	351	
Bore spacing (C to C)	4.08	4.38		
No. system	L. Bank	5-6-7-8		
(front to rear)	R. Bank	1-2-3-4		
Firing Order	1-5-3-6-2-4	1-5-4-2-6-3-7-8	1-3-7-2-6-5-4-8	
Cylinder Head Material	Cast Iron			
Cylinder Block Material	Cast Iron			
Cyl. Sleeve-Wet, dry, none	None			
Number of	Front	Two		
mtg. points	Rear	One		
Engine installation angle	40°	40°		
Taxable $\text{Dia}^2 \times \text{No. Cyl.}$ horsepower 2.5	32.5	51.2		
Recommended fuel regular - premium	Regular (91 Octane)			
Cylinder Head Volume (cc)	59.43-62.48	56.7-59.7	76.9-79.9	76.9-79.9
Head Gasket Thickness (Compressed)	.027	.047	.038	.047
Head Gasket Volume (cc)	4.99	10.10	8.31	10.29
Deck Clearance (minimum) (above or below block) (b)	.130 (a) (9.495 + .003)	.0235 (a) (8.206 + .005)	.0155 (a) (9.206 + .005)	.0155 (a)
Minimum Combustion Chamber Volume (cc) (c)	101.03	83.2	98.2	100.0

ENGINE - PISTONS

Material	Aluminum Alloy with Steel Struts			
Description and finish	Autothermic, Slipper Skirt, Cam Ground, and Tin Plated			
Weight (piston only) oz.	17.42	21.16	21.51	
Clearance (limits)	Top land	.022-.0308	.0304-.0408	.0222-.0298
	Skirt Top (d)	.0013-.0021	.0018-.0026	.0014-.0022
	Bottom	.0008-.0014		.0018-.0026
Ring groove diameter	No. 1 ring	3.259-3.269	3.548-3.558	3.558-3.568
	No. 2 ring	3.259-3.269	3.548-3.558	3.544-3.554
	No. 3 ring	3.259-3.269	3.592-3.602	3.548-3.558
	No. 4 ring	-		

(a) Below Block Face

(b) Cylinder Block Deck Height

(c) Total Clearance Volume

(d) At Center Line and 90° to Axis of Pin Hole.

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MODEL CID 250-1V 302-2V 351-2V 351-4V (CJ)

ENGINE - RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - #1	Cast Iron Alloy, Straight Face, Inside Bevel, Molybdenum Filled Groove (a)
	material, coating, etc. #2	Cast Iron Alloy, Straight Face, Scraper Groove, Oxide Coated (b)
	Width	#1 and #2 (.077-.078)
	Gap	.008-.016 .010-.020
Oil	Description - #3	Multi-Piece; Two Rails and One Spacer-Expander
	material, coating, etc. #3	Rails: Steel (SAE-1070) Chrome Plated, Black Oxide Coated
	Width	.1875 .1862
	Gap	.015-.055 (Rails Only)
Expanders		Part of Oil Ring Assembly

ENGINE - PISTON PINS

Material		Steel (SAE-5015) Heat Treated
Length		3.040-3.010
Diameter		.9124-.9118 Select Fit
Type	Locked in rod, in piston, floating, etc.	Pressed Fit in Rod
	Bush- ing	None
	Material	
Clearance	In piston	.0003-.0005 .0002-.0004 .0003-.0005
	In rod	Press Fit
Direction & amount offset in piston		Right .090 Right .0625

ENGINE - CONNECTING RODS

Material		Forged Steel (SAE-1041-H)
Weight (oz.)		20.88 19.86 26.38
Length (center to center)		5.88 5.09 5.78
Bearing	Material & Type	(d) Plated Copper-Lead Alloy on Steel Back Replaceable Insert
	Overall length	.790-.810 .706-.726
	Clearance (limits)	.0008-.0024 .0008-.0026 .0011-.0026
	End play	.0035-.0105 .010-.020 (2 Rods)

(a) 302-351; #1 Ring, Barrel Face

(b) 351; #2 Ring, Tapered Face, 302, 351 Phosphate Coated

(c) 351; Rustless Steel (SAE-30201)

(d) 250; Unplated Copper-Lead Alloy

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MODEL CID 250-1V 302-2V 351-2V 351-4V

ENGINE - CRANKSHAFT

Material	Nodular Cast Iron Alloy, Precision Molded			
Vibration damper type	Tuned, Elastic Suspended, Inertia Member			
End thrust taken by bearing (No.)	Five	Three		
Crankshaft end play	.004-.008	.004-.008	.004-.010	
Main bearing	Material & type	(a)	Plated Copper-Lead Alloy on Steel Back, Replaceable Insert	
	Clearance	.0005-.0022	.0005-.0024 (b)	.0009-.0026 .0011-.0028
	Journal dia. and bearing overall length	No. 1	2.3986 x .965	2.2486 x .880 2.7488 x .875
		No. 2	2.3986 x .965	2.2486 x .880 2.7488 x .875
		No. 3	2.3986 x .965	2.2486 x 1.132 2.7488 x 1.117
		No. 4	2.3986 x .965	2.2486 x .880 2.7488 x .875
		No. 5	2.3986 x 1.194	2.2486 x .880 2.7488 x .875
		No. 6	2.3986 x .965	
		No. 7	2.3986 x .965	
	Dir. & amt. cyl. offset	None	R. B. Leads .84	
	No. bolts/main brg. cap	2		4
Crankpin journal diameter		2.1232	2.3107	

ENGINE - CAMSHAFT

Location		In Block		In Block Above Crankshaft	
Material		Special Alloy Cast Iron, Precision Molded, Induction Hardened and Phosphate Coated			
Bearings	Material	SAE 15 Lead Base Babbitt on SAE 1010 Steel Back, Replaceable			
	Number	Four	Five		
Type of Drive	Gear or chain	Chain			
	Crankshaft gear or sprocket material	Sintered Iron (Steel Optional)			
	Camschaft gear or sprocket material	Cast Iron	Aluminum Die Cast Body with Molded Nylon Teeth		
	Timing chain	No. of links	56	58	48
		Width	1.113(1.013Alt.)	.637(.750Alt.)	.637
		Pitch	.375	.375	.50

(a) 250-1V & 351-2V, Lead Base Babbitt on Steel Back Replaceable

(b) #1 Main Bearing .0001-.0020.

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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)

MODEL		CID	250-1V	302-2V	351-2V	351-4V	
ENGINE - VALVE SYSTEM							
Hydraulic lifters (Std., opt., NA)			Standard				
Valve rotator, type (intake, exhaust)			Ford Free Turn Int. & Exh (a)	Two Piece	None		
Rocker ratio			1.50	1.61	1.73		
Operating tappet clearance (indicate hot or cold)	Intake (b)		Zero (.079-.209)	Zero (.090-.190)	Zero (.100-.200)		
	Exhaust (b)		Zero (.079-.209)	Zero (.090-.190)	Zero (.100-.200)		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	26	16	11°30'	14	
		Closes (°ABC)	58	70	66°30'	76	
		Duration (deg.)	264	266	258	270	
	Exhaust	Opens (°BBC)	37	44	50°30'	78	
		Closes (°ATC)	17	20	35°30'	32	
		Duration (deg.)	234	244	268	290	
	Valve open overlap (deg.)		43	36	47°	46	
Intake	Material		Steel (SAE-1047) Aluminized Head (c)(d)				
	Overall length		4.26	5.050	5.231		
	Actual overall head dia.		1.651	1.782	2.041		
	Angle of seat & face (deg.)		Seat 44°30' to 45°; face 45°30' to 45°45'				
	Seat insert material		None				
	Stem diameter		.3107-.3100	.3423-.3416			
	Stem to guide clearance		.0008-.0025	.0010-.0027			
	Lift @ zero lash		.380	.368	.400	.480	
	Outer spring press. & length	Valve closed (lb.@in.)	58 @ 1.55	80 @ 1.69	80 @ 1.82	90 @ 1.82	
		Valve open (lb.@in.)	146 @ 1.20	200 @ 1.31	210 @ 1.42	277 @ 1.34	
	Inner spring press. & length	Valve closed (lb.@in.)	None			Damper Only	
		Valve open (lb.@in.)	None			Damper Only	
Exhaust	Material		Cast Austenitic Steel, Aluminized Head (c)(e)				
	Overall length		4.26	4.99 + .06 Cap.	5.050		
	Actual overall head dia.		1.39	1.451	1.6545		
	Angle of seat & face (deg.)		Seat 44°30' to 45°, Face 45°30' to 45°45'				
	Seat insert material		None				
	Stem diameter		.3105-.3098	.3418-.3411			
	Stem to guide clearance		.0010-.0027	.0015-.0032			
	Lift @ zero lash		.348	.380	.400	.488	
	Outer spring press. & length	Valve closed (lb.@in.)	58 @ 1.55	80 @ 1.69	80 @ 1.82	90 @ 1.82	
		Valve open (lb.@in.)	144 @ 1.20	200 @ 1.31	210 @ 1.42	281 @ 1.33	
	Inner spring press. & length	Valve closed (lb.@in.)	None			Damper only	
		Valve open (lb.@in.)	None			Damper only	

(a) 250-1V has positive valve rotators on exhaust

(b) Tolerances are with tappets collapsed

(c) 351-4V Chrome Plated Stem

(d) 351-4V; #1 Sil-Chrome, Aluminized Head

(e) 351-2V-4V; 21-4N Steel, Aluminized Head (Opt. in 351-2V Engines)

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MODEL CID 250-1V 302-2V 351-2V 351-4V CJ

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Oil Mist	Timed Pressure
	Camshaft bearings	Pressure	
	Tappets	Pressure	
	Timing gear or chain	Splash	Metered Pressure
	Cylinder walls	Pressure Stream, Splash	Oil Mist, Spray, Splash
Oil pump type		Rotor	
Normal oil pressure (lb., engine rpm)		35-55 @ 2000 50-70 @ 2000	
Oil press. sending unit (elect. or mech.)		Electrical	
Type oil intake (floating, stationary)		Stationary Shrouded Screen in Sump	
Oil filter system (full flow, port., other)		Full Flow	
Filter replacement (element, complete)		Complete	
Capacity of c/case, less filter-refill (qt.)		4.0	
Oil grade recommended (SAE viscosity and temperature range) (b)	Multi-Viscosity		Single Viscosity
	+10°F & Above—SAE 20W-40		+60°F & Above—SAE 40
	-10°F to +90°F—SAE 10W-40		+32°F to 90°F—SAE 30
	-10°F to +90°F—SAE 10W-30		+10°F to +60°F—SAE 20-20W
	-32°F to +32°F—SAE 5W-30		-10°F to +32°F—SAE 10-10W
Engine Service Reqmt. (MM, MS, etc.)		SE (Ford Specification, ESE-M2C-101-C)	

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single "Y" Type	Dual with Balance Tube
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse Flow		Two-2 Pass Reverse Flow
Exhaust pipe dia. (O.D., wall thick.)	Branch	2.00 x .084	2.25 x .084 (a)
	Main	2.00-.075	2.25 x .075
Tail pipe dia. (O.D. & wall thickness)	2.00 x .060		2.25 x .060

- (a) 2.250.D. x .070 Wall from Balance Tube to Muffler
 (b) For Sustained Driving and for High Speed Above 60 M. P. H.,
 Use the Next Higher Viscosity Oil.

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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.)		19.5 Gallons Approximately			
	Filler location		Left Hand Rear Quarter Panel			
Fuel Pump	Type (elec. or mech.)		Mechanical			
	Locations		Left Side of Engine			
	Pressure range		4.5-5.5		5.5-6.5	
Vacuum booster (std., optional, none)			None			
Fuel Filter	Type (2 Required)		#1 Saran Plastic		#2 Nylon and Monel Cloth	
	Locations		#1 In Fuel Tank (Permanent)		#2 In-Line at Carburetor	
Carburetor	Choke type		Automatic			
	Intake manifold heat control (exhaust or water)		Hot and Cold Air Supply			
	Air cleaner type	Standard	Dry Replaceable Element			
		Optional	None			
	Idle speed (spec. neutral or drive)		Manual *	750	800	750
		Automatic #	625	625	625	800
		Idle A/F mix.	See Below			

*In Neutral # -In Drive CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
			-9510-			
All (49 States)	250	Manual	(a)	D3OF-BB	.078@12.0	One-1V
All (50 States)	250	Automatic	(a)	D3OF-CB	.082@12.0	One-1V
All (49 States)	302	Manual	(b)	D3ZF-BB	.074@20.0	One-2V
All (50 States)	302	Automatic	(b)	D3GF-AF	.074@20.0	One-2V
All (50 States)	351	Automatic	(b)	D3AF-DC	.074@20.0	One-2V
All (50 States)	351	Manual	(b)	D3ZF-CA	.065@28	One-4V
All (50 States)	351	Automatic	(b)	D3ZF-CA	.070@28	One-4V
All (50 States)	351 H.O.	Manual	(b)	D3ZF-DC	.065@28	One-4V
						1.562
						1.562
						1.564
						1.564
						1.689
						1.565 Pri.
						1.690 Sec.
						1.565 Pri.
						1.690 Sec.

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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)	Choke - Poppet or Sleeve Valve							
	Starts to open at (°F)	188°-195°F, Fully Open 212°F							
Water pump	Type (centrifugal, other)	Centrifugal							
	GPM 1000 pump rpm	12	16						
	Number of pumps	One	One						
	Drive (V-belt, other)	V-Belt							
	Bearing type	Double Row, Sealed, Ball and Ball Bearing							
By-pass recirculation type (inter., ext.)	Internal		External						
Radiator core type (cellular, tube and fin, other)	Cross - Flow Tube and Slit Fin								
Cooling system capacity	With heater (qt.)	11.2	15.2						
	Without heater (qt.)	10.2	14.2						
	Opt. equipment-specify (qt.)	11.2 With A/C	15.2 With A/C or E/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	1.50 at Radiator 1.87 at Water Pump	1.50 at Radiator 1.75 at Water Pump					
	Upper	Number and type (molded, straight)	One, Molded						
		Inside diameter	1.50	1.50					
	By-pass	Number and type (molded, straight)	None						
		Inside diameter	-	.615					
	Fan	Number of blades & spacing	4 Uneven	5 Uneven	4 Uneven	5 Uneven			
		Diameter	17.5 x 1.80	17.56 x 2.40	17.5 x 1.8	18.50 x 3.18			
Ratio-fan to crankshaft rev.		1.04:1	1.18:1	.96:1	1.13:1				
Fan cutout type		None	Flex Blade	None	Flex Blade				
Bearing type		Double Row, Sealed, Ball & Ball (Water Pump Bearing)							
* Drive belts (indicate belt used by letter)	xxx Arrangement	1	1 & 3	4	3 & 4	1 or 2	1 or 2 & 3	4	3 & 4
	Generator or alternator	A	A	C	C	A	F	F	F
	Water Pump and Fan	A	A	C	C	A	E	G	H
	Power Steering		B		B		E		H
	Air Conditioning			C	C			I	I
	Crankshaft	A	A B	C	C B	(D) A	(D) E F	(D) G F I	(D) H F I
	Idle (Air Pump) @					(D)	(D)	(D) G I	(D) I

1. Standard Cooling 2. Extra Cooling 3. Power Steering 4. Air Conditioning

* Drive Belt Dimensions	A	B	# C	D	E	F	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°	36°	36°	36°		
Nominal length (SAE)	42.50	45.25	48.50	33.50	51.00	39.00	47.25	50.00	55.00		
Width	15/32	15/32	15/32	1/4	1/2	15/32	1/2	1/2	1/2		

Dual Belts

@ Air Pump California Only

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (*)MODEL CID 351-2V 351-4V (CJ)

ENGINE - COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)	Pressure								
Radiator cap relief valve pressure	12-16 psi								
Circulation thermostat	Type (choke, bypass)	Choke - Poppet or Sleeve Valve							
	Starts to open at (°F)	188°F-195°F, Fully Open 212°F							
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							
By-pass recirculation type (inter., ext.)	Internal, Controlled								
Radiator core type (cellular, tube and fin, other)	Cross-Flow, Tube and Slit Fin								
Cooling system capacity	With heater (qt.)	15.6	15.8						
	Without heater (qt.)	14.6	14.8						
	Opt. equipment-specify (qt.)	15.6 With A/C or E/C	15.8 With A/C or E/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	1.50 at Radiator 1.75 at Water Pump						
	Upper	Number and type (molded, straight)	One, Molded						
		Inside diameter	1.50						
	By-pass	Number and type (molded, straight)	None						
		Inside diameter	-						
Fan	Number of blades & spacing	4 Uneven	5 Uneven	5 Uneven	5 Uneven				
	Diameter	17.5 x 1.8	18.50 x 3.18	18.50 x 3.18	18.50 x 3.18				
	Ratio-fan to crankshaft rev.	.96:1	1.13:1	.96:1	1.13:1				
	Fan cutout type	None	Flex Blade	Flex Blade	Flex Blade				
	Bearing type	Sealed, Ball and Ball (Water Pump Bearing)							
* Drive belts (indicate belt used by letter)	Box Arrangement	1or2	1or2&3	4	3 & 4	Std.	1 & 3	4	3 & 4
	Generator or alternator	B	D	D	D	I	J	J	J
	Water Pump and Fan	B	C	E	F	I	C	E	F
	Power Steering		C		F		C		F
	Air Conditioning			G	G			K	K
	Crankshaft	(A) B	(A) C D	(A) E D G	(A) F D G	(H) I	(H) C J	(H) E J K	(H) F J K
	Idler (Air Pump)#	(A)	(A)	(A) E G	(A) G	(H)	(H)	(H) E K	(H) K

1. Standard Cooling 2. Extra Cooling 3. Power Steering 4. Air Conditioning

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°	36°
Nominal length (SAE)	33.50	42.50	51.75	39.00	47.25	50.75	55.00	33.75	43.00	37.50	53.50
Width	1/4	15/32	1/2	15/32	1/2	1/2	1/2	1/4	15/32	15/32	1/2

Air pump California only.

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (*)

MODEL _____ All Engines (California Only)(a)

VEHICLE EMISSION CONTROL

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Vehicle and Engine Modifications (Air Injection)(a)
	Air Injection Pump	Type (a)	Positive Displacement
		Displacement	19.3 Cu. In. Per Revolution
		Drive ratio	1.25:1
		Drive type	V-Belt and Pulley
		Relief valve (type)	Integral
		Filter (describe)	Centrifugal
	Air Injection System	Air distribution (head, manifold, etc.) (a)	Manifold
		Point of entry	Exhaust
		Injection tube i.d.	.260
		Check valve type	Sprung Diaphragm
		Backfire protection (type)	Check Valve
Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Standard Induction System (Closed System)
			Optional None
	Control Unit	Make and model	Ford
		Location	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)	Carb. Spacer (250, 302) Carb. Throttle Body (351C)
		Air inlet (breather cap, other)	Carburetor Air-Cleaner
		Flame arrestor (screen, other)	Emission Valve and Air-Cleaner Filter
Evaporative Emission Control	Fuel Tank	Refill Capacity (U.S. gallons)	22.5 Approx. (20.5 for Station Wagon)
		Thermal expansion volume (cu. ft.)	.27 Cu. Ft. (.25 Cu. Ft. for S/Wagon & Ranchero)
		Pressure relief location (lbs.)	Open Orifice in Tank Plus Valve in Filler Cap 1.25 psi Max.
		Vacuum relief location (lbs.)	Open Orifice in Tank Plus Valve in Filler Cap .50 psi Max.
		Vapor-liquid separator type	Orifice Assembly in Top of Fuel Tank
		Vapor vented to (crankcase, canister, other)	Carbon Canister
	Carbu- rator	Vapor vented to (crankcase, canister, other)	Internally Vented 1V and 4V Engines Externally Vented to Carbon Canister, Engines with 2V Carburetors
	Vapor Storage	Storage provision (crankcase, canister, other)	Carbon Canister
		Volume (cu. ft.) or capacity (grams)	700 Grams of Carbon
		Control valve type	None

(a) Air Injection California Engines Only

(b) All Engines Discharge to Air-Cleaner

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)MODEL All Engines (Non-California)

VEHICLE EMISSION CONTROL

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Vehicle and Engine Modifications	
	Air Injection Pump	Type	None	
		Displacement		
		Drive ratio		
		Drive type		
		Relief valve (type)		
	Air Injection System	Filter (describe)		
		Air distribution (head, manifold, etc.)	None	
		Point of entry		
		Injection tube i.d.		
Check valve type				
Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Induction (Closed) System	
	Standard		None	
	Optional			
	Control Unit	Make and model	Ford	
		Location	Rocker Cover or Oil Fill Cap	
		Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum	
		Control method (variable orifice, fixed orifice, other)	Variable Orifice	
	Complete system	Discharges (to intake manifold, other)	Carburetor Body-Primaries and/or Carburetor Air Cleaner	
		Air inlet (breather cap, other)	Carburetor Air Cleaner	
		Flame arrestor (screen, other)	Emission Valve and Air Cleaner Filter	
Evaporative Emission Control	Fuel Tank	Refill Capacity (U.S. gallons)	19.5 Approx.	
		Thermal expansion volume (cu. ft.)	.27 Approx.	
		Pressure relief location (lbs.)	1.25 psi Max. Open Orifice in Tank Plus Valve in Filler Cap	
		Vacuum relief location (lbs.)	.50 psi Max. Open Orifice in Tank Plus Valve in Filler Cap	
		Vapor-liquid separator type	Baffled Orifice in Top of Tank	
		Vapor vented to (crankcase, canister, other)	Carbon Canister	
	Carbu- retor	Vapor vented to (crankcase, canister, other)	Internally Vented	
		Vapor Storage	Storage provision (crankcase, canister, other)	Carbon Canister
			Volume (cu. ft.) or capacity (grams)	700 Grams of Carbon
Control valve type	None			

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)MODEL CID 250-1V 302-2V 351-2V 351-4V (CJ)

ELECTRICAL — SUPPLY SYSTEM

Battery	Make and Model -10655-(a)		D2AF-CA		D2AF-DA	
	Voltage Rtg. & Total Plates		12V, 54P		12V, 66P	
	SAE Designation & Amp. Hr. Rtg.		71M1A, 45A		17M2B, 55A	
	Location		Right Front Engine Compartment			
	Terminal grounded		Negative			
Generator or Alternator	Make (Motorcraft)					
	Model -10300- (a)		D2AF-AA		D2ZF-BA	
	Type and rating		Three Phase, Full Wave Bridge Rectified, Self Limiting			
	Output at engine idle (neutral)					
	Ratio-Gen. to Cr/s rev.		2.6:1		2.5:1	
Regulator	Make		Motorcraft			
	Model		D2AF-10316-AA			
	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			
	Regu- lated	Voltage	13.5-15.3 at 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)		Man/Auto			
	Model -11001-		D2ZF-AA	D2AF-DA	D2AF-CA	
	Rotation (drive end view)		Clockwise			
Motor control	Switch (solenoid, manual)		Solenoid			
	Starting procedure					
Motor Drive	Engagement type		Positive, Electro-Mechanical			
	Pinion meshes (front, rear)		Front			
	Number of teeth	Pinion	9			
		Flywheel	Manual	157	164	
			Auto.	157	157	
Flywheel tooth face width		Manual	.365			
		Auto.	.365			

(a) For all other applications see Page 13A.

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (*) 11-72

MODEL _____

Battery Applications: (-10655-)

<u>Engine</u>	<u>Transmission</u>	<u>Standard</u>	<u>Alternate</u>	<u>Optional</u>
250-1V	Man. & Auto.	D2AF-GA (45AH)	D2AF-HA	D2AF-MA or PA (70AH)
302-2V	Man. & Auto.	D2AF-GA (45AH)*/#	D2AF-HA	D2AF-MA or PA (70AH)%
351-2V	Automatic	D2AF-KA (55AH)@	D2AF-SA	D2AF-MA or PA (70AH)%
351-4V	Man. & Auto.	D2AF-KA (55AH)	D2AF-SA	D2AF-MA or PA (70AH)%

* 55AH -- (Mach I with Grille Lamps) Less P/S, Less A/C

55AH -- A/C and Heated Backlite (Except Model 63)

@ 70AH -- A/C and Heated Backlite and Perf. Cluster (Except Model 63)

% 70AH -- Battery Not Available When 65 Amp Alternator is used.

Alternator Applications: (-10300-)

<u>Engine</u>	<u>Standard Alternator</u>	<u>Ratio Alt. to C/S Rev.</u>		<u>Air Conditioning</u>	
		<u>No P/S</u>	<u>With P/S</u>	<u>Standard Alt.</u>	<u>Ratio</u>
250-1V	D3OF-FA (42A)		2.6:1	D3OF-CA (55A)	2.6:1
302-351	D3OF-FA (42A)	2.5:1	3.0:1	D3OF-BA (55A)	3.0:1
	D3OF-BA (55A)(b)		3.0:1	D3OF-EA (61A)(b)	3.0:1
	(Ex Mod 63)			(Ex Mod 63)	
	D3OF-AA (70A)(b)		2.62:1	D3OF-AA (70A)(b)	2.62:1
351-4V	(Mod 63)			(Mod 63)	
	D3OF-DA (55A)		2.26:1	D3OF-DA (55A)	2.26:1
	D3OF-AA (70A)(b)		2.18:1	D3OF-AA (70A)(b)	2.18:1

(b) Mandatory with Heated Backlite

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9/72 REVISED 12/72MODEL CID 250-1V 302-2V 351-2V 351-4V(CJ)

ELECTRICAL - IGNITION SYSTEM - DISTRIBUTOR

Breaker gap (in.)		.024-.030	.014-.020	.018-.024	
Cam angle (deg.)		35-39	26-30	24-29	
Brkr. arm tension (oz.)		17-21	17-21	17-21	
Distributor	Manual	D30F-BA (73K93-D6)	D30F-JA (73F105-SD)	N.A.	D30F-FA (72F195-D12)
	Automatic	D30F-LA (73K61-D6)	D30F-HB (73F10-SD)	D3ZF-CA (73F91-SD)	D30F-GA (73F55-SD)
Timing	Manual	6°BTC @ 750	6°BTC @ 800	N.A.	16°BTC @ 1000
	Automatic	6°BTC @ 600	6°BTC @ 650	6°BTC @ 625	16°BTC @ 800

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Max.	Start	Max.
-12127-					
D30F-BA (73K93) (D6)	0-4 @ 1050	7.5-11.5 @ 1400 12-16.5 @ 3000	14-19 @ 4000	0-2 @ 4.0 0-6 @ 5.5	7-14 @ 7.5 13.5-18.5 @ 9.5
D30F-LA (73K61) (D6)	0-4 @ 1050	13.5-17.5 @ 1750 16-21 @ 3000	18.5-23.5 @ 4000	0-2 @ 4.0 0-6 @ 5.5	7-14 @ 7.5 13.5-18.5 @ 9.5
D30F-JA (73F105) (SD)	0-4 @ 1600	12-14 @ 2200 14.5-19 @ 3000	17-22 @ 4000	0-2 @ 4.5 0-6 @ 5.4	2-8.5 @ 6.0 5.5-10.5 @ 7.0
D30F-HB (73F10) (SD)	0-4 @ 1300	4-9 @ 2000 11.5-16.5 @ 3000	19-24 @ 4000	0-2 @ 8.0 0-6 @ 10.8	2-8 @ 12.0 5.5-10.5 @ 14.0
D3ZF-CA (73F91) (SD)	0-4 @ 1130	6-10 @ 1400 13-18 @ 3000	18-23 @ 4000	0-2 @ 4.5 0-6 @ 6.3	9-15 @ 10 21.5-26.5 @ 20
D30F-FA (72F195) (D12)	0-4 @ 1850	4-8 @ 2250 11-16 @ 3000	21-26 @ 4000	0-2 @ 3.3 0-6 @ 5.0	3-9 @ 6.2 5.5-10.5 @ 7.0
D30F-GA (73F55) (SD)	0-4 @ 1700	7-12 @ 2500 12-17 @ 3000	22-27 @ 4000	0-2 @ 3.3 0-6 @ 4.8	2-8 @ 5.5 5.5-10.5 @ 6.6

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (*)MODEL 351-4V CJ

ELECTRICAL - IGNITION SYSTEM - DISTRIBUTOR

Breaker gap (in.)	.014-.020	
Cam angle (deg.)	26-30	
Brkr. arm tension (oz.)	17-21	
Distributor	Manual	D3OF-12127-FA (72F195)(D12)
	Automatic	D3OF-12127-GA (73F55)(SD)
Timing	Manual	16° BTC @ 900
	Automatic	18° BTC @ 700

Distrib- utor Model	Centrifugal Advance Crankshaft Degrees at Engine RPM			Vacuum Advance Crankshaft Degrees at In. of Mercury			Vacuum Retard 12° Retard Pts (1)=2°, (2)=8°, (3)=10°-14° *6° Retard Pts (1)=2°, (2)=4°, (3)=4°-8°		
	Start	Inter- mediate	Max.	Start	Inter- mediate	Max.	(1)	(2)	(3)
-12127- D3OF-FA	0-4@1850	4-8@2250 11-16 @ 3000	21-26 @ 4000	0-2@3.3	0-6@5 3-9@6.2	5.5-10.5 @ 7	2.3-6.3	5.4-9.4	10.4
D3OF-GA	0-4@1700	7-12@2500 12-17 @ 3000	22-27 @ 4000	0-2@3.3	0-6@4.8 2.8@5.5	5.5-10.5 @ 6.6	N.A.	N.A.	N.A.

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 7-72 REVISED (a)MODEL CID 250-1V 302-2V 351-2V 351-4V

ELECTRICAL - IGNITION SYSTEM

Type	Conventional - Std., Opt., N.A.		Standard		
	Transistorized - Std., Opt., N.A.		N. A.		
	Other (specify)		None		
Coil	Make		Motorcraft		
	Model -12029-		FAC-A		
	Amps	Engine stopped	4.5		
		Engine idling	2.5		
Spark Plug	Make (Motorcraft)		(BRF-82)	(BRF-42)	(ARF-42)
	Model		C1AF-C	C1AF-B	C9PF-CB
	Thread (mm)		18		14
	Tightening torque (lb. ft.)		15-25		10-15
	Gap		.032-.036		
Cable	Conductor type		Resistance Core Cable		
	Insulation type		Neoprene	Hypalon	
	Spark plug protector		Neoprene	Hypalon	Silicone

ELECTRICAL - SUPPRESSION

Locations & type	Capacitor in Alternator and Voltage Regulator, Resistance Core Ignition Cable, and Hood Ground
------------------	--

ELECTRICAL - INSTRUMENTS AND EQUIPMENT

Speedometer	Type	Pointer
	Trip odometer (std. opt., N.A.)	Optional (Part of Instrumentation Group)
Charge indicator - type		Warning Light Standard - Gage Opt.
Temperature indicator - type		Warning Light Standard - Gage Opt.
Oil pressure indicator - type		Warning Light Standard - Gage Opt.
Fuel indicator - type		Electric Gage
Windshield wiper	Type - Standard	Electric Two-Speed
	Type - Optional	Electric - Variable Dwell
Windshield washer	Type - Standard	Electric Pump (Impeller Type)
	Type - Optional	None
Horn	Type	Air-Electric
	Number used	Two
	Amp draw (each)	5.5 Amps. Max.
Other		Headlamp Beam Indicator Light, Directional Signal Lamps, Emergency Flasher Lamps, and Brake System Warning Lamps

Options: Instrumentation Group which consists of: Tachometer, Trip Odometer and Triple Instrument Pod on all Models;

Convenience Group includes: Trunk Light, Map Light, Under-Hood Light, Glove Box Light, Headlamp Warning Buzzer, Automatic Seat Back Latch, Parking Brake Warning Light, and Under-Panel Courtesy Lights.

(Note: Courtesy Lights are Standard on Convertibles).

Power Windows

Deluxe Seat Belt Warning Lights

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 7-72 REVISED (•)MODEL 250 CID-1V 302 CID-2V 351 CID-2V 351 CID-4V

DRIVE UNITS — CLUTCH (Manual Transmission)

Make & type	Semi-Centrifugal, Single Disc, Dry Plate			
Type pressure plate springs	Coil			
Total spring load (lb.)	1521		1845	1981
No. of clutch driven discs	One			
Clutch facing	Material	Woven Asbestos		
	Outside & inside dia.	10.0 x 6.25	10.0 x 6.75	11.0 x 6.5
	Total eff. area (sq.in.)	95.4	85.4	124.6
	Thickness	.125		
	Engagement cushioning method	Torband Disc		
Release bearing	Type & method of lubrication	Angular Contact, Prepacked, Sealed		
Torsional damping	Methods: springs, friction material	Steel Coil Springs		

DRIVE UNITS — TRANSMISSIONS

	250-1V	302-2V	351-2V	351-4V
Manual 3-speed (std., opt. N.A.)	Std.	Opt.	N.A.	N.A.
Manual 4-speed (std., opt. N.A.)	N.A.	N.A.	N.A.	Std.
Automatic (std., opt. N.A.)	Opt.			Opt.

DRIVE UNITS — MANUAL TRANS.

Number of forward speeds		Three	Four
Transmission ratios	In first	2.99:1	2.78:1
	In second	1.75:1	1.93:1
	In third	1.00:1	1.36:1
	In fourth	-	1.00:1
	In reverse	3.17:1	2.78:1
Synchronous meshing, specify gears		1-2-3	1-2-3-4
Shift lever location		Floor	
Lubricant	Capacity (pt.)	3.5	4.0
	Type recommended	ESW-M2C83-B	
	SAE viscosity	Summer	80
	SAE viscosity number	Winter	80
		Extreme cold	80

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)

MODEL 250 CID-1V 302 CID-2V 351 CID-2V 351 CID-4V CJ

DRIVE UNITS – AUTOMATIC TRANSMISSION

Trade name		Select-Shift Cruise-O-Matic			
Type describe		Torque Converter with Planetary Gears			
Selector location		Floor Lever			
List gear ratios Selector Pattern and indicate which are used in each selector position		P Park	(a)	(b)	
		R 2.20:1	2.00:1	2.18:1	
		N Neutral			
		D 1.00:1			
		2 1.46:1	1.47:1	1.46:1	
		1 2.46:1	2.40:1	2.46:1	
Max. upshift speed-drive range		73	76	77	85
Max. kickdown speed-drive range		67	72	70	76
Torque converter	Number of elements	Three			
	Max. ratio at stall	2.10:1		2.09:1	2.16:1
	Type of cooling (air, liquid)	Liquid			
	Nominal diameter	11.25		12.00	10.25
Lubricant	Capacity-refill (pt.)	18		22	21
	Type recommended	Transmission M-2C33F (Type "F")			
Special transmission features					

DRIVE UNITS – PROPELLER SHAFT

Number used	One		
Type (straight tube, tube-in-tube, internal-external damper, etc.)	Shown on Page 17A		
Outer diam. x length x wall thickness	Manual 3-speed trans.	Shown on Page 17A	
	Manual 4-speed trans.	Shown on Page 17A	
	Overdrive transmission	Not Available	
	Automatic transmission	Shown on Page 17A	

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

(Continued)

(a) Optional for 250-1V and 302-2V.

(b) Optional for 351-2V.

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 7-72 REVISED (*)

MODEL _____

DRIVE UNITS — PROPELLER SHAFT (Continued)

<u>Usage</u>	<u>Type</u>	<u>O.D.</u>	<u>Length</u>	<u>Wall</u>	<u>U-Joint</u>	<u>Yoke</u>	<u>Spline</u>
250-1V, 302-2V Engines							
Man. Transmission	C/B	2.75	51.77	.065	1310	1.50	28T
Auto. Transmission(C4)	T/T	3.00	51.77	.065	1310	1.50	28T
302-2V Auto. Transmission (FMX)	T/T	3.00	52.20	.065	1310	1.69	31T
351-2V Engine							
Auto. Transmission(FMX)	C/B	2.75	51.08	.065	1310	1.69	31T
Auto. Transmission(C6)	C/B	3.00	47.22	.065	1310	1.69	31T
351-4V Engine							
Man. Transmission							
3.25:1 Axle	C/B	2.75	50.82	.065	1310	1.50	28T
3.50:1 Axle	C/B	3.00	50.65	.065	1330	1.50	28T
351-4V Engine							
Auto. Transmission(C6)							
3.25:1 Axle	C/B	3.00	47.22	.065	1310	1.69	31T
3.50:1 Axle	C/B	3.50	47.22	.065	1330	1.69	31T

C/B = Card Board Lined

T/T = Tube-in-Tube

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-7-72 REVISED (*)MODEL 250 CID-1V 302 CID-2V 351 CID-2V 351 CID-4V

DRIVE UNITS — PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	None	
Slip Yoke	Type	Ford	
	Number of teeth	Shown on Page 17A	
	Spline O.D.	Shown on Page 17A	
Universal joints	Make and Mfg. No. Ford	Shown on Page 17A	
	Number used	2	
	Type (ball and trunnion, cross)	Cross	
	Rear attach. (u-bolt, clamp, etc.)	U-Bolt	
	Bearing	Type (plain, anti-friction)	Needle Roller
		Lubric. (fitting, prepack)	Prepack
Drive taken through (torque tube or arms, springs)		Rear Springs	
Torque taken through (torque tube or arms, springs)		Rear Springs	

DRIVE UNITS — AXLE

Type (front, rear)		Rear	
Description		Conventional Semi-Floating, Straddle Mounted Pinion	
Limited Slip differential, type		Traction-Lok	
Drive Pinion Offset		1.50 2.25	
No. of differential pinions		2 2 and 4	
Pinion adjustment (shim, other)		Shim	
Pinion bearing adj. (shim, other)		Collapsible Spacer Collapsible Spacer & Solid Spacer	
Wheel bearing type		Single Row, Double/Sealed Ball	
Lubricant	Capacity (pt.)	4 5	
	Type recommended	M2C119A for Traction-Lok M2C105A for Conventional	
	SAE viscosity number	Summer	90
		Winter	90
		Extreme cold	90

AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio		2.75:1	2.79:1	3.00:1	3.25:1	3.50:1
No. of teeth	Pinion	16	14	13	12	10
	Ring gear	44	39	39	39	35
Ring Gear O.D.		9.0	8.0	8.0/9.0	8.0/9.0	9.0

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (*)

MODEL _____

DRIVE UNITS — TIRES AND WHEELS (STANDARD)

TIRES	Size, load range, ply		E-78-14, Load Range "B", 2 Ply + 2 Ply
	Type (bias, radial, etc.)		Belted Bias
	Normal max. load inflation pressure (cold)	Front	26 Pounds
		Rear	26 Pounds
	Rev./mile @ 45 mph		797
WHEELS	Type & material		Disc - Stamped Steel
	Rim (size & flange type)		14 x 5.5 JJ (0.25" Offset)
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	4.5
		Number & size	Five, .50 Dia.
	Spare wheel (same or other)		Same

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL) Standard on Mach I

Size, load range, ply		E70-14, Load Range "B", 2 Ply + 2 Ply
Type (bias, radial, etc.)		Belted Bias
Normal max. load inflation pressure (cold)	Front	26 Pounds
	Rear	26 Pounds
Rev./mile @ 45 mph		817
Wheel type & material		Standard
Rim (size & flange type)		—

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

Size, load range, ply		F70-14, Load Range "B", 2 Ply + 2 Ply
Type (bias, radial, etc.)		Belted Bias
Normal max. load inflation pressure (cold)	Front	26 Pounds
	Rear	26 Pounds
Rev./mile @ 45 mph		784
Wheel type & material		Standard
Rim (size & flange type)		—

BRAKES — PARKING

Type of control		Foot Operated, Step-On, Hand Release
Location of control		Left Side Under Instrument Panel
Operates on		Rear Service Brakes
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

BSW = Black Side Walls
WSW = White Side Walls

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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 7-72 REVISED ^(*)

MODEL _____

DRIVE UNITS — TIRES AND WHEELS (STANDARD) See Page 19

TIRES	Size, load range, ply		
	Type (bias, radial, etc.)		
	Normal max. load inflation pressure (cold)	Front	
		Rear	
	Rev./mile @ 45 mph		
WHEELS	Type & material		
	Rim (size & flange type)		
	Attachment	Type (bolt or stud)	
		Circle diameter	
		Number & size	
Spare wheel (same or other)			

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL) All Models

Size, load range, ply		GR-78-14, Load Range "B", 2 Ply + 2 Ply
Type (bias, radial, etc.)		Radial
Normal max. load inflation pressure (cold)	Front	26 Pounds
	Rear	26 Pounds
Rev./mile @ 45 mph		783
Wheel type & material		Standard
Rim (size & flange type)		—

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

Size, load range, ply		
Type (bias, radial, etc.)		
Normal max. load inflation pressure (cold)	Front	
	Rear	
Rev./mile @ 45 mph		
Wheel type & material		
Rim (size & flange type)		

BRAKES — PARKING See Page 19

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

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72- REVISED (a)

MODEL 250 CID-1V 302 CID-2V

BRAKES—SERVICE (Drum — Front and Rear)

Type (drum) or (disc & no. of pistons)		Duo-Servo Drum		
Self adjusting (std., opt., N.A.)		Standard		
Special Valving	Type (proportion, delay, metering, other)	Pressure Differential		
Power brake make & type (remote, Int., etc.)	Std.	—		
	Opt.	Disc Front — Drum Rear		
Effective area (sq. in.) *		144.5		
Gross lining area (sq. in.) **		173.3		
Swept area (sq. in.) ***		282.0		
Effectiveness		Front	62.3/37.7	
		Rear		
Drum	Diameter (nominal)	Front	10.0	
		Rear	10.0	
	Type and material	Front — Cast Iron, Flared and Finned Rear — Cast Iron, Flared and Finned		
Rotor	Outer working diameter		—	
	Inner working diameter		—	
	Thickness		—	
	Material & type (vented/solid)		—	
Wheel cylinder bore	Front	1.125		
	Rear	.875		
Master Cylinder	Bore	1.0		
	Stroke	1.013		
Pedal arc ratio		6.23:1		
Line pressure at 100 lb. pedal load		795		
Shoe Clearance	Front	.015		
	Rear	.015		
Anti-skid device type (std., opt., N.A.)		N. A.		
Brake lining	Bonded or riveted		Riveted	
	Front Wheel	Material	Molded Asbestos	
		Size (length x width x thickness)	Prim. or out-board	8.43 x 2.50
				x .184
			Second. or in-board	10.82 x 2.50
			x .239	
		Segments per shoe	One	
	Rear Wheel	Material	Molded Asbestos	
		Size (length x width x thickness)	Prim. or out-board	8.43 x 2.00
				x .184
Second. or in-board			10.82 x 2.00	
		x .239		
	Segments per shoe	One		

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

*** Total swept area for four brakes. (Widest lining contact width for each brake x its contact circumference.)

(a) See Page 20A for Disc Brake Data

AMA Specifications Form—Passenger Car

MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)MODEL 250 CID-1V 302 CID-2V 351 CID-2V 351 CID-4V

BRAKES—SERVICE (Disc Front) Optional 250 & 302; Required All 351 V-8's

Type (drum) or (disc & no. of pistons)		Caliper Disc		
Self adjusting (std., opt., N.A.)		Standard		
Special Valving	Type (proportion, delay, metering, other)	Pressure Differential and Proportioning (Rear)		
Power brake make & type (remote, int., etc.)	Std. Opt.	Bendix Single Diaphragm, Integral Dual Master Cylinder		
Effective area (sq. in.) *		36.4		
Gross lining area (sq. in.) **		40.6		
Swept area (sq. in.) ***		210.0 (Disc brakes only)		
Effectiveness		Front Rear	Controlled by Valving	
Drum	Diameter (nominal)	Front Rear	See Page 20	
	Type and material			
Rotor	Outer working diameter	11.3		
	Inner working diameter	7.35		
	Thickness	.940		
	Material & type (vented/solid)	Cast Iron, Vented		
Wheel cyl. inder bore	Front Rear	2.38 See Page 20		
Master Cylinder	Bore	.938		
	Stroke	1.320		
Pedal arc ratio		3.5:1		
Line pressure at 100 lb. pedal load		1425 at 20 Hg.		
Shoe Clearance	Front	0		
	Rear	See Page 20		
Anti-skid device type (std., opt., N.A.)		N.A.		
Brake lining	Bonded or riveted		Riveted	
	Front Wheel	Material	Molded Asbestos	
		Size (length x width x thickness)	Prim. or out-board	6.82 x 1.81 x .333
			Second. or in-board	4.95 x 1.84 x .362
		Segments per shoe		Each Side of Disc - One
	Rear Wheel	Material	See Page 20	
		Size (length x width x thickness)	Prim. or out-board	
			Second. or in-board	
Segments per shoe				

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

*** Total swept area for four brakes. (Widest lining contact width for each brake x its contact circumference.)

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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)MODEL All

STEERING

Manual (std., opt., NA)			Standard
Power (std., opt., NA)			Optional
Adjustable steering wheel (tilt, swing, other)	Type and description		Tilt — 5 Position
	(std., opt., NA)		Optional
Wheel diameter	Manual		15.0
	Power		15.0
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	42.0
		Curb to curb (l. & r.)	39.8
	Inside rear	Wall to wall (l. & r.)	23.2
		Curb to curb (l. & r.)	23.6
Outside Wheel Angle			17.8° (With Inside Wheel Angle at 20.0°)
Manual	Gear	Type	Recirculating Ball and Nut
		Make	Ford
		Ratios	24.0:1
		Overall	30.2:1
	No. wheel turns (stop to stop)		4.6
Power	Type (coaxial, linkage, etc.)		Integral Gear
	Make		Saginaw
	Gear	Type	Recirculating Ball and Nut
		Ratios (a)	17.5:1 (Constant)
		Overall	22.1:1 (Constant)
	Pump driven by		Belt Off Crankshaft Pulley (Lube M-2C33-F)
No. wheel turns (stop to stop)		3.68 (3.17 for Variable Ratio)	
Linkage	Type		Parallelogram with Cross Link
	Location (front or rear of wheels, other)		Rear
	Drag link (trans. or longit.)		Transverse
	Tie rods (one or two)		Two
Steering Axis	Inclination or camber (deg.)		6°45' Theoretical Non-Adjustable
	Bearings (type)	Upper	Ball Joint
		Lower	Ball Joint
		Thrust	Washer in Upper Ball Joint
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		0° ± 2°
	Camber (deg.)		3/4 ± 1°
	Toe-in (outside track inches)		.18 + .18 - .13
Steering spindle & joint type			Integral with Wheel Spindle; Ball Socket Joints
Wheel Spindle	Diameter	Inner bearing	1.38 I.D.
		Outer bearing	.86 I.D.
	Thread size		13/16-20 UNEF-2A R.H. Thread
	Bearing type		Tapered Roller

(a) Constant Ratio Power Steering Gear Except for Vehicles with Competition Suspension Package. Variable Ratio Gear Included with Power Steering Option on Vehicles with Competition Suspension Package. (Gear Ratio 16.0:1; Overall Ratio 20.2:1 On Center).

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MODEL 250 CID-1V 302 CID-2V 351 CID-2V

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	Special Notched Rocker Panel Positions, Front and Rear on Each Side of Vehicle
Shock absorber front & rear	Direct Acting (Rebound Stop Front Only)
Type	Motorcraft
Make	1.0
Piston dia.	
Other special features	Standard Installation

SUSPENSION – FRONT

Type and description	Independent Short/Long Arm Suspension with Drag Strut and Ball Joints. Coil Springs and Shock Absorbers Mounted Over Upper Arm	
Spring	Type	Coil
	Material	Steel (SAE-5160 or SAE 10B62)
	Size (coil design height & I.D., bar length x dia.)	10.04 x 3.88 10.04 x 3.88 134.0 x 0.60 127.4 x 0.60
	Spring rate (lb. per in.)	245 260
	Rate at wheel (lb. per in.)	89 (85 with Tires) 95 (89 with Tires)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	Steel (SAE-1090) 0.72

SUSPENSION – REAR

Type and description	Hotchkiss Drive	
Drive and torque taken through	Rear Springs	
Spring	Type	Semi-Elliptical
	Material	Spring Steel (SAE-5160, 5147, 5155)
	Size (length x width, coil design height & I.D., bar length & dia.)	53.00 x 2.50
	Spring rate (lb. per in.)	95
	Rate at wheel (lb. per in.)	113 (105 with Tires) (Clamped and Shackled)
	Mounting insulation type	Silent Block (Front) Split Type Rubber Bushing (Rear)
	If leaf	Na. of leaves Four Shackle (comp. or tens.) Compression
Stabilizer	Type (link, linkless, frameless)	None
	Material & bar diameter	None
Track bar type	None	

Competition Suspension Package (See Page 22A) is Standard on Mach I
Optional for 302-2V and 351-2V, Not Available for 250-1V.

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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-7-72 REVISED (•)MODEL 351 CID-4V

SUSPENSION – GENERAL (a)

(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	Special Notched Rocker Panel Positions Front and Rear on Each Side of Vehicle
Shock absorber front & rear	Direct Acting
	Motorcraft (Rebound Stop, Front)
	1.00 1.18 (Competition Pkg)
Other special features	Staggered Rear Shock Absorber Installation

SUSPENSION – FRONT (a)

Type and description	Independent Short/Long Arm Suspension with Drag Strut, Ball Joints, Coil Springs, and Shock Absorbers Mounted Over Upper Arm
Spring	Coil
	Steel (SAE-5160 or SAE-10B62)
	Size (coil design height & I.D.; bar length x dia.)
	10.04 x 3.87
	123.2 x 0.65
	Spring rate (lb. per in.)
	365
	Rate at wheel (lb. per in.)
	130 (119 with Tires)
Stabilizer	Link
	Material & bar diameter
	Steel (SAE-1090) 0.85

SUSPENSION – REAR (a)

Type and description	Hotchkiss Drive
Drive and torque taken through	Rear Springs
Spring	Semi-Elliptical
	Material
	Spring Steel (SAE-5160, 5147, 5155)
	Size (length x width, coil design height & I.D.; bar length & dia.)
	53.00 x 2.50
	Spring rate (lb. per in.)
	135
	Rate at wheel (lb. per in.)
	156 (141 with Tires) (Clamped and Shackled)
	Mounting insulation type
	Silent Block (Front) Split Type Rubber Bushing (Rear)
	If leaf
	No. of leaves
	Four
	Shackle (comp. or tens.)
	Compression
Stabilizer	Link
	Material & bar diameter
	Steel (SAE-5160 or 1090) 0.50 Dia.
Track bar type	None

- (a) Competition Suspension Package Standard on Mach I Models.
 Competition Suspension Package Optional for 302 CID-2V and 351 CID-2V
 All Other Models.

FRAME

Unitized Construction

BODY - MISCELLANEOUS INFORMATION

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MAKE OF CAR MUSTANG MODEL YEAR 1973 DATE ISSUED 9-72 REVISED (a)

MODEL Hardtop Fastback Convertible
65 63 76

CONVENIENCE EQUIPMENT

(Indicate whether standard, optional or NA on each series)

Power windows	Side windows	Opt.
	Vent windows	—
	Backlight or tailgate	—
Power seats (specify type as well as availability)		N.A.
Reclining front seat back (R-L or both)		N.A.
Front seat head restrainer (R-L or both)		Std.
Radios (specify type as well as availability)		Opt. Push Button AM, Opt. Push Button AM/FM/MPX Stereo Radio Opt. Push Button AM Radio and Stereosonic Tape System
Rear seat speaker		N.A.
Power antenna		N.A.
Clock		Opt. (Console All Models) (Cluster Clock for Model 65F Only)
Air conditioner (specify type and availability)		Optional — Integrated Reheat Type (a)
Speed warning device		N.A.
Speed control device		N.A.
Ignition lock lamp		N.A.
Dome lamp		Std. Mod 65, N.A. Mod 76 — Dual Qtr Pillar on Mod 63 (Opt.)
Glove compartment lamp		Opt.
Luggage compartment lamp		Opt.
Underhood lamp		N.A.
Courtesy lamp		Opt. Model 65, Std. on Models 63, 76
Map lamp		Opt. on Model 65, 63
Auto. trans. quad. lamp		Std. W/Optional Auto. Trans.
Cornering light lamp		N.A.
Qtr. Flip Wdo.		Std. Model 63
Stg. Wheel Rim Horn		Opt.
Tilt Steering Wheel		Opt.
Low Fuel Warning Lamp		N.A.
Door Ajar Warning Lamp		N.A.
Seat Belt Warning Lamp		Opt. With Deluxe Seat Belts

LAMP HEIGHT AND SPACING

Curb Weight

Height above ground to center of bulb or marker	Headlamp (H125)	Highest *	25.4 Single
		Lowest	—
	Tail (H126)	Highest	24.9
		Lowest	—
Distance from C/L of car to center of bulb	Sidemarker	Front	21.9
		Rear	22.3
	Headlamp	Inside	—
		Outside *	24.0
	Tail	Inside	—
		Outside	27.2
	Directional	Front	24.0
		Rear	27.0

* If single headlamps are used enter here.

(a) Not Available with 250-1V Engine With 3-Spd. Manual Transmission.

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OPTIONAL EQUIPMENT WEIGHTS

Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
Engines:				With 3-Speed Automatic Transmission
250-1V Under 302-2V	- 78	- 14	- 92	
351-2V Over 302-2V	+126	+ 37	+163	
351-4V Over 302-2V	+203	+ 78	+281	
For Mach I Only:				
351-2V Over 302-2V	+126	+ 42	+168	
351-4V	+203	+ 78	+281	
Transmissions:				Under 3-Speed Automatic Transmission
3-Spd. Man.: 250-1V	- 7	- 1	- 8	
302-2V	- 6	- 1	- 7	
4-Spd. Man.: 351-4V	- 3	- 1	- 4	
Radio - AM	+ 4	+ 2	+ 6	
Radio - AM/FM	+ 6	+ 4	+ 10	
Radio & Stereo Tape Player	+ 8	+ 5	+ 13	
Air Conditioning	+ 97	- 3	+ 94	6 Cyl. Engine
	+104	- 4	+100	8 Cyl. Engine
Power Steering	+ 33	0	+ 33	
Power Disc Brakes	+ 10	+ 2	+ 12	
Competition Suspension	+ 6	+ 3	+ 9	351-2V Engine
	+ 6	+ 8	+ 14	351-4V Engine
Tires (5): (E78-14 Std.)*	+ 1	+ 2	+ 3	
White Sidewalls				
F70-14 Over E78-14	+ 3	+ 5	+ 8	
F70-14 RWL Over E78-14	+ 4	+ 8	+ 12	

*E70-14 Std. 63R

OPTIONAL EQUIPMENT WEIGHTS

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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 #2 PILLAR. Measured across body at #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 center line. 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.

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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.
- 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 lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.
- W5 HIP ROOM - FRONT.** The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.
- 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.

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.
- 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 MINIMUM KNEE ROOM - REAR.** The minimum dimension from the Manikin knee pivot center to the back of the front seat back.
- 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 - REAR.** The minimum lateral dimension between the door garnish molding or nearest interference, measured at H Point station.
- W6 HIP ROOM - REAR.** The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.
- 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 LIFTDOOR 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 SEAT.** The minimum lateral dimension between the door garnish moldings or nearest interference, measured at H Point station.
- W86 HIP ROOM - THIRD SEAT.** The lateral dimension through H Point to trimmed surfaces.
- 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.

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 wheelhouseings 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.

W4xL204xH201

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