

AMA Specifications – Passenger Car

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MANUFACTURER FORD MOTOR COMPANY	CAR NAME FORD (6 Cylinder)	
MAILING ADDRESS P. O. BOX 2053 DEARBORN, MICHIGAN	MODEL YEAR 1964	ISSUED: 10-1-63 REVISED (•)

NOTES:

1. The 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.

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BODY—TYPES AND STYLE NAMES—

Body type, number of passenger & style names; use manufacturer's code for series & body style.

<u>Body Model</u>	<u>Passenger</u>	<u>Model Number</u>
<u>Custom</u>		
2-Door Sedan	6	62E
4-Door Sedan	6	54E
<u>Custom 500</u>		
2-Door Sedan	6	62B
4-Door Sedan	6	54B
<u>Galaxie 500</u>		
2-Door Sedan	6	62A
4-Door Sedan	6	54A
2-Door Hardtop	6	63B
4-Door Hardtop	6	57B
2-Door Convertible	6	76A
<u>Station Wagon</u>		
4-Door Country Sedan	6	71B
4-Door Country Sedan	9	71C
4-Door Country Squire	6	71E
4-Door Country Squire	9	71A

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GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page No.:	62	54	63	57	76	71
Wheelbase (L101)	23	119.0					
Tread	Front (W101)	61.0					
	Rear (W102)	60.0					
Maximum Overall Dimensions	Length (L103)	209.8					
	Width (W103)	80.0					
	Height (H101)	56.5			55.5		57.8
Transmission— (Specify trade name - opt., not available)	Manual	15	3-Speed Synchromesh				
	Overdrive	16	Optional				
	Automatic	16	Cruise-O-Matic Optional				
Axle ratio	Manual	17	See Page 3 and 17				
	Overdrive	17	See Page 3 and 17				
	Automatic	17	See Page 3 and 17				
Tire size	18	See Page 18					
Engine	Type, no. cyl., valve arr.	2	In line, 6, OHV				
	Fuel system (Carb., other)	8	Carburetor				
	Bore and stroke	2	3.62 x 3.60				
	Piston displ., cu.in.	2	223				
	Std. compression ratio	2	8.4:1				
	Max. bhp at engine rpm	2	138 @ 4200				
	Max. torque at rpm	2	203 @ 2200				

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ALL MODELS
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ENGINE—GENERAL

Type, no. cyls., valve arr.	In line, 6, OHV	
Bore and stroke (nominal)	3.62 x 3.60	
Piston displacement, c.u. in.	223	
Bore spacing (C/L to C/L)	4.23	
No. system (front to rear)	L. Bank	None
	R. Bank	None
Firing order	1-5-3-6-2-4	
Compres. ratio (nominal)	8.4:1	
Cylinder Head Material	Cast Iron	
Cylinder Block Material	Cast Iron	
Cylinder Sleeve—Wet, dry, none	None	
Number of mounting points	Front	Two
	Rear	One
Engine installation angle	4° 40'	
Taxable horsepower	$\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$	31.54
Published max. bhp* @ eng. RPM	138 @ 4200	
Published max. torque* (lb. ft. @ RPM)	203 @ 2200	
Recommended fuel regular - premium	Regular	
Idle speed (spec. neutral or drive)	Manual	525 - 550 - Neutral
	Automatic	525 - 550 - Drive

ENGINE—PISTONS

Material	Aluminum Alloy		
Description and finish	Autothermic type, solid skirt, tin plated		
Weight (piston only) oz.	19.17 - 19.33		
Clearance (limits)	Top land	.0181 - .0218 Radial	
	Skirt	Top	.0013 - .0046 Diametral
		Bottom	.0008 - .0026 Diametral
Ring groove depth	No. 1 ring	.1809 - .1900 Radial	
	No. 2 ring	.1809 - .1900 Radial	
	No. 3 ring	.1809 - .1900 Radial	
	No. 4 ring	None	

* Max. bhp (brake horsepower) and max. torque corrected as defined by SAE Engine Test Code.

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POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
62-54-63 57-76	223	1V	8.4	138	203	Manual 3-Speed	3.50, 3.89
				@ 4200	@ 2200	Overdrive Automatic 3-Speed	3.89 3.50
71	223	1V	8.4	138	203	Manual 3-Speed	3.89
				@ 4200	@ 2200	Overdrive	3.89
						Automatic 3-Speed	3.50

NOTE: Equi-lock differential optional.

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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 - material, type, coating, etc.	#1 Cast iron alloy, straight face, chrome plated #2 Cast iron alloy, straight face, scraper groove, phosphate coated
	Width	#1 .0929 - .0936 #2 .0930 - .0940
	Gap	.010 - .020
Oil	Description - material, type, coating, etc.	Multi-piece: Two rails and one spacer expander Rails - steel, chrome plated, oxide coated Spacer expander - blued steel
	Width	.1875
	Gap	.015 - .055
Expanders		Integral with oil ring assembly

ENGINE-PISTON PINS

Material	Alloy steel SAE 5015		
Length	3.010 - 3.030		
Diameter	.9120 - .9123		
Type	Locked in rod, in piston, floating, etc.	Full floating, tubular	
	Bushing	In rod or piston	In rod
		Material	Bronze
Clearance	In piston	.0001 - .0003	
	In rod	.0001 - .0003	
Direction & amount offset in piston	Right .0575 - .0675		

ENGINE-CONNECTING RODS

Material	Forged steel SAE 1041	
Weight (oz.)	28.03	
Length (center to center)	6.260	
Bearing	Material & Type	Plated copper-lead alloy on steel back replaceable inserts
	Overall length	.840
	Clearance (limits)	.0017
	End play	.008

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ENGINE—CRANKSHAFT

Material		Precision molded alloy cast iron	
Vibration damper type		Rubber floated	
End thrust taken by bearing (No.)		Three	
Crankshaft end play		.004 - .008	
Main bearing	Material & type		
	Steel backed copper-lead alloy, replaceable inserts (b)		
	Steel backed babbitt, replaceable inserts (a)		
	Clearance		
	.0009 - .0033		
	Journal dia. and bearing overall length	No. 1	2.4984 x 1.10
		No. 2	2.4984 x 1.10
		No. 3	2.4984 x 1.354
No. 4		2.4984 x 1.10	
No. 5		None	
No. 6		None	
No. 7		None	
Dir. & amt. cyl. offset		Left .06	
Crankpin journal diameter		2.298	

ENGINE—CAMSHAFT

Location		In block
Material		Precision molded special alloy iron, induction hardened
Bearings	Material	SAE 15 lead base babbitt on SAE 1010 steel back
	Number	Four
Type of Drive	Gear or chain	
	Chain Gear (b)	
	Crankshaft gear or sprocket material	
	Alloy cast iron (b)	
	Sintered iron or steel SAE 1146	
	Camshaft gear or sprocket material	
Alloy cast iron (b)		
Cast iron		
Timing chain	No. of links	56
	Width	1.00
	Pitch	.375

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Not available
Valve rotator, type (intake, exhaust)		Ford free-turn (Intake and Exhaust)
Rocker ratio		1.43:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero .019 Hot (b)(c)
	Exhaust	Zero .019 Hot (b)(c)
Timing marks on flywheel, damper, other		Crankshaft Damper

- (a) No. 4 bearing steel backed, copper-lead alloy. (Continued)
- (b) Police and Taxi.
- (c) Hot setting to be made after a minimum of 30 minutes @ 1200 RPM (No load).

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ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	23	11° 30' (a)
		Closes (°ABC)	59	60° 30' (a)
		Duration - deg.	262	252° (a)
	Exhaust	Opens (°BBC)	71° 30'	55° 30' (a)
		Closes (°ATC)	10° 30'	16° 30' (a)
		Duration - deg.	262	252° (a)
Valve opening overlap		33° 30'	28° (a)	
Intake	Material		SAE 1047 steel (Aluminum coated)	
	Overall length		5.11	
	Actual overall head dia.		1.775 - 1.785	
	Angle of seat & face		45°	
	Seat insert material		None	
	Stem diameter		.3416 - .3423	
	Stem to guide clearance		.0010 - .0024	
	Lift (@ zero lash)		.369	.3712 (a)
	Outer spring press. and length	Valve closed (lb. @ in.)	97 - 105 @ 1.78	71 - 79 @ 1.78
		Valve open (lb. @ in.)	160 - 178 @ 1.41	160.5 - 177.5 @ 1.39
	Inner spring press. and length	Valve closed (lb. @ in.)	None	
		Valve open (lb. @ in.)	None	
Exhaust	Material		Cast austenitic steel (Aluminum coated)	
	Overall length		5.09	
	Actual overall head dia.		1.505 - 1.520	
	Angle of seat & face		45°	
	Seat insert material		None	
	Stem diameter		.3398 - .3405	
	Stem to guide clearance		.0028 - .0042	
	Lift (@ zero lash)		.369	.3712
	Outer spring press. and length	Valve closed (lb. @ in.)	97 - 105 @ 1.78	71 - 79 @ 1.78
		Valve open (lb. @ in.)	160 - 178 @ 1.41	160.5 - 177.5 @ 1.39
Inner spring press. and length	Valve closed (lb. @ in.)	None		
	Valve open (lb. @ in.)	None		

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Oil Mist
	Camshaft bearings	Pressure
	Tappets	
	Timing gear or chain	Splash
	Cylinder walls	Pressure Stream

(a) Police and Taxi.

(Continued)

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ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotor		
Normal oil pressure (lb. @ engine rpm)	52 - 62 @ 2000		
Oil pressure sending unit (elect. or mech.)	Electrical		
Type oil intake (floating, stationary)	Stationary shrouded screen in sump		
Oil filter system (full flow, partial, other)	Full flow		
Filter replacement (element, complete)	Complete	Element (a)	
Capacity of crankcase, less filter-refill (qt.)	4	5 with filter	
Oil grade recommended (SAE viscosity and temperature range)	90° F and above - SAE 30 or 10W-30 20° F to 90° F - SAE 20 or 20W or 10W-30 -10° F to 20° F - SAE 5W-20 or 10W or 10W-30 -10° F and below - SAE 5W-20		
Engine Service Requirement (MM, MS, etc.)	MS		

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single		
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow		
Exhaust pipe dia. (O.D. wall thickness)	Branch	1.87 x .084 laminated	
	Main	2.0 x .084 laminated	
Tail pipe diameter (O.D. & wall thickness)	1.75 x .048		

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Optional	Ventilates to induction system
			None
Control unit	Make and model		Ford
	Location		Rocker cover to intake manifold
	Energy source (manifold vacuum, carburetor air stream, other)		Intake manifold vacuum
	Control method (variable orifice, fixed orifice, other)		Variable orifice
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)		Intake manifold
	Air inlet (breather cap, carburetor air cleaner, other)		Breather cap
	Flame arrestor (screen, check valve, other)		Check valve

(a) Police and Taxi.

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ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor
Fuel Tank	Capacity (gals.)	20 21 (a)
	Filler location	Rear - Center of lower back panel (b)
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Right side center of engine
	Pressure range	3.5 - 5.5 psi
Vacuum booster (std., optional, none)		None
Fuel Filter	Type	#1 Accreted paper (disposable) #2 Wire cloth, plastic (perm.)
	Locations	#1 Integral with fuel pump #2 In fuel tank
Carburetor	Choke type	Manual
	Intake manifold heat control (exhaust or water)	Exhaust
	Air circ. type	Standard: Dry replaceable element. Oil bath (c) Optional: None

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
All	223	Manual	Ford	C3AF-9510-BL	1-1V	1.562
All	223	Automatic	Ford	C3AF-9510-BM	1-1V	1.562
All	223	Manual	Ford	C4AF-9510-L	1-1V	1.562
All	223	Automatic	Ford	C4AF-9510-M	1-1V	1.562
Taxi	223	Manual	Holley	C2AE-9510-BC	1-1V	1.4375
Taxi	223	Automatic	Holley	C2AE-9510-BB	1-1V	1.4375

- (a) Model 71.
- (b) Model 71 - LH rear quarter panel.
- (c) Police and Taxi.

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ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure	
Radiator cap relief valve pressure		12 to 15 lbs.	
Circulation thermostat	Type (choke, bypass)	Poppet valve	
	Starts to open at (°F)	185° - 192° F Fully open 212°	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM @ 1000 pump rpm	8.0	
	Number of pumps	One	
	Drive (V-belt, other)	V-belt	
Bearing type		Double row, sealed ball	
By-pass recirculation type (internal, external)		Internal	
Radiator core type (cellular, tube and fin, other)		Downflow, tube and corrugated fin	
Cooling system capacity	With heater (qt.)	16	
	Without heater (qt.)	15	
	Opt. equipment-specify (qt.)	16	
Water jackets full length of cylinder (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	1.75
	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 (a)
	Diameter		17 18 (a)
	Ratio-fan to crankshaft rev.		.95:1 1.05:1 (a)(b)
	Fan cutout type		Thermo-modulated
	Bearing type		Double row, sealed ball
* Drive belts (indicate belt used by letter)	Fan		A C D
	Generator		A C D
	Water Pump		A C D
	Power Steering		B
	Air Conditioning		E
	Crankshaft		A B C D E
	Idler		E

* Drive Belt Dimensions	A	B	C	D	E
Angle of V	36°				
Nominal length (SAE)	36.00	33.50	35.50	37.75	51.04
Width	15/32	1/2	15/32	15/32	1/2

- (a) Models with air conditioning.
 (b) Extra cooling option.

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ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model		Auto-lite
	Voltage Rtg. & Total Plates		12 Volts - 66 Plates 78 Plates (a)
	SAE Designation & Amp Hr. Rtg		55 70 (a)
	Location		Engine compartment right front
GENERATOR	Terminal grounded		Negative
	Make		Ford
	Model		
	Type		Shunt
	Ratio—Gen. to Cr/s rev.		2.25:1
	Gen. cut-in (hot)—engine rpm		600
Regulator	Make		Ford
	Model		
	Type		Three Coil
	Cutout relay	Closing voltage @ generator rpm	12.0 - 12.8 @ 1200
		Reverse current to open	6 - 9 Amp
	Regu-lated	Voltage	14.6 - 15.4 @ 75° F
		Current	28 - 32
	Voltage test con-ditions	Temperature	75°
Load		5 Amperes	
Other			

ELECTRICAL—STARTING SYSTEM

Starting motor	Make		Ford
	Model		FAR-110C1-A
	Rotation (drive end view)		Clockwise
	Engine cranking speed		150 - 180 RPM
	Test conditions		85° F
	Lock test	Amps	580
		Volts	5
		Torque (lb. ft.)	14.8
	No load test	Amps	80-110
		Volts	12
RPM (min.)		5200	
Motor control	Switch (solenoid, manual)		Solenoid
	Starting procedure	<p>COLD: Place trans. in neutral and disengage clutch. Depress accel-erator fully. Pull choke knob full out. Reutrn accelerator to 1/2 open position. Start engine. Return accelerator to idle. Adjust choke to satisfactory idle position.</p> <p>HOT: Place trans. in neutral. Depress accelerator 1/4 to 1/2 open position. Start engine. Return accelerator to idle.</p>	

(a) HD option.

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ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		● Bendix Folo-Thru	
	Pinion meshes (front, rear)		Rear	
	Number of teeth	Pinion		9
		Flywheel		146
	Flywheel tooth face width		.375	

ELECTRICAL—IGNITION SYSTEM Manual Automatic

Coil	Make	Ford		
	Model	FAC-12029		
	Amps	Engine stopped	4.5	
Engine idling		2.5		
Distributor	Make	Ford		
	Model	C3AF-12127-E	C3AF-12127-C	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)		
		Intermediate points deg. @ rpm		
		Max deg. @ rpm		
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	f - 1° @ 850 RPM @ .2 Hg	f - 1° @ 850
		Intermediate points, deg @ in Hg	2.5° to 4.5° @ 1000	2° - 4° @ 1000
			7° to 9° @ 1200	5.5° - 7.5 @ 1200
	Max. deg. in. Hg.	14.25° to 16.25 @ 2000	8.5° - 10.5 @ 1600	
		23.5° to 26.5° @ 1600	17.5° - 21.5° @ 2000	
Breaker gap (in.)	.024 - .028			
Cam angle (deg.)	35° - 38°			
Breaker arm tension (oz.)	17 - 20			
Timing	Crankshaft deg. @ rpm.	4° @ 525 - 550	10° @ 525 - 550 (b)	
	Mark location	Pointer on front cover		
	Cylinder numbering system (see page 2)	1-2-3-4-5-6		
	Firing order (see page 2)	1-5-3-6-2-4		
Spark Plug	Make and model	Autolite BFT-6		
	Thread (mm)	18		
	Tightening torque (lb. ft.)	15 - 20		
	Gap	.032 - .036		
Cable	Conductor type	Resistance Core Cable		
	Insulation type	Neoprene Sheath		
	Spark plug protector	Hypalon Boot		

ELECTRICAL—SUPPRESSION

Locations & type	Capacitors at the generator and voltage regulator. Wheel static collectors in front wheel. Resistance core cable from the coil to the distributor and from the distributor to the spark plugs.
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(a) Permissible range 2° to 9°.
 (b) Permissible range 2° to 15°.

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ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	Ford
	Trip odometer (yes, no)	No
Charge indicator—type		Warning Light
Temperature indicator—type		Electric Gage
Oil pressure indicator—type		Warning Light
Fuel indicator—type		Electric Gage
Other		None
Ignition switch	Identify positions in order and circuits controlled	Four position switch (left to right) ACC CCW from TDC OFF Top Dead Center ON CW first position START CW second position
	Provision for illumination	Yes
	Location	Instrument Panel - Right of Steering Column
Main lighting switch	Identify positions and lamps controlled	Depressed - Off 1st position - Instrument panel, parking, tail & license lights 2nd position - Instrument panel, head, tail and license lights Rotate knob clockwise to dim & turn off instrument panel lights Rotate knob counterclockwise to turn on and brighten instrument panel lights and turn on dome light
Other light switches	Locations and lamps controlled	Toe panel - Headlight dimmer Front door hinge pillar - Dome lamp On steering column - P-R-N-Drive-L (a) On steering column - Turn signal lamps On master cylinder - Stop lamps
Other switches	Locations and devices controlled	Instrument panel - ignition, heater blower, windshield wipers, cigar lighter, convertible top Instrument panel - power tailgate window (c) Instrument panel - radio (b) LH frt seat shield - power front seat (b) LH frt door trim panel - power windows master switch, individual switches on each door on qtr. trim panel (b)
Windshield wiper	Make	Autolite
	Type	Electric, Single Speed (d)
	Vacuum booster provision	None
	Washer provision	Yes
Horn	Type	Air Electric
	Number used	Two
	Amp draw (each)	10

- (a) Models with automatic transmission.
- (b) Optional.
- (c) Standard on all models except 71B (Optional).
- (d) Optional two-speed (Washer included).

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ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement	Two # 4001 Inboard	Two # 4002 Outboard Horizontal
Headlamp beam indicator	One # 1895	
Parking	Two # 1157	
Tail	Two # 1157	
Stop	Two # 1157	
Direction signal	Front	Two # 1157
	Rear	Two # 1157
	Indicator	Two # 1895
License Plate	One # 1155	
Oil pressure indicator	One # 1895	
Charge indicator	One # 1895	
Instrument	Four # 1895	
Clock	One # 1895	
Radio	Two # 1891	

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock	Standard One # 1895
Back up	Standard Two # 1141 Optional on Custom, Custom 500 and Country Sedan
Dome	Standard One # 1003
Glove compartment	Optional One # 1895
Prkg. brake signal	Optional One # 257
Luggage compartment	Optional One # 631
Underhood	NA
Courtesy	Standard/Optional Two # 1003 One # 631
Map	
Spotlight	Optional One # 4405

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ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere capacity suffixed by letters "C.B.", e.g., 30 C.B. Where fuse or circuit breaker protects multiple circuits indicate first use by a letter and repeat the same letter for all units protected by the same fuse or circuit breaker, e.g., Parking lamp SFE-10 (a), Direction indicator same as (a).

Headlamp	18 CB (a)
Headlamp beam indicator	Same as (a)
Parking lamp	7½ SFE (b)
Tail lamp	Same as (b)
Stop lamp	7½ SFE
Direction indicator	7½ SFE
License plate lamp	Same as (b)
Instrument lamp	4 SFE (c)
Ignition lamp	
Back up lamp	7½ SFE
Dome lamp	7½ SFE (d)
Clock	1AG-2
Clock lamp	Same as (c)
Radio	7½ SFE
Glove compartment lamp	Same as (d)
Electric Wipers	12 CB
Heater Blower	SFE-14
Air Conditioner	3AG-15
Power Windows	30 CB (e)
Power Seat	Same as (e)
Cigar Lighter	14 SFE
Overdrive	3AG-20
Convertible Top	Same as (e)
Windshield Washer	7½ SFE
Spotlight	7½ SFE

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	23.9
		Highest	23.9
	Stop		23.9
	Backup		23.9
	License, rear		
	Directional	Front	16.0
		Rear	23.9
	Headlamp	Inside	26.3
Outside*		26.3	
Distance from C/L of car to center of bulb	Tail	Inside	31.9
		Outside	31.9
	Stop		
	Backup		
	License, rear		
	Directional	Front	30.1
		Rear	
	Headlamp	Inside	25.8
Outside*		34.3	

* If single headlamps are used enter here.

AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1964
		DATE ISSUED	10-1-63
		REVISED	(*)
MODEL	ALL MODELS		
	223 CID		

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Long Manufacturing, Semi-centrifugal, single disc, dry plate		
Type pressure plate springs	Coil		
Effective plate pressure (lb.)	1220		
No. of clutch driven discs	One		
Clutch facing	Material	Woven asbestos	
	Outside & inside dia.	9.5 x 6.00	
	Total eff. area (sq.in.)	65.22	
	Thickness	.125	
	Engagement cushioning method	Torband disc	
Release bearing	Type & method of lubrication	Ball thrust, prepack sealed	
Torsional damping	Methods: springs, friction material	Steel springs	

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Synchronesh 3-Speed Standard		
Manual with overdrive (std. or opt.)	Optional		
Automatic (std. or opt.)	Cruise-O-Matic 3-Speed Optional		

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Three		Overdrive	
Transmission ratios	In first	3.25:1	2.80:1	
	In second	1.84:1	1.69:1	
	In third	1.00:1	1.00:1	
	In fourth	None	None	
	In reverse	3.35:1	3.60:1	
Synchronous meshing, specify gears	1st-2nd-3rd		2nd-3rd	
Shift lever location	Steering column			
Lubricant	Capacity (pt.)	3		
	Type recommended	Mild - Extreme pressure		
	SAE viscosity number	Summer	SAE-80	
		Winter	SAE-80	
Extreme cold		SAE-80		

AMA Specifications – Passenger Car

MAKE OF CAR FORD	MODEL YEAR 1964	DATE ISSUED 10-1-63	REVISED (a)
		ALL MODELS	
MODEL		223 CID	

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section.

Overdrive	Type (planetary or other)		Planetary
	Manual lockout (yes, no)		Yes
	Downshift accelerator control (yes, no)		Yes
	Minimum cut-in speed		28 mph (Approximate)
	Gear ratio		0.07:1
Lu- bri- cant	Capacity (pt.) (Overdrive only)		1.2
	Separate filler (yes, no)		Yes
	Type recommended		Mild - Extreme pressure
	SAE vis- cosity number	Summer	SAE-80
		Winter	SAE-80
Ext. cold		SAE-80	

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Cruise-O-Matic	
Type describe	Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)	Lever	
Selector Pattern	P R N Drive L	
List gear ratios Selector Pattern and indicate which are used in each selector position	2.46:1 Drive and Low 1.46:1 Drive 1.00:1 Drive 2.20:1 Reverse	
Max. upshift speeds—drive range	60 mph	
Max. kickdown speeds—drive range	58 mph	
Torque converter	Number of elements	Three
	Max. ratio at stall	2.05:1
	Type of cooling (air, water)	Water
Lubricant	Capacity—refill (pt.)	16
	Type recommended	Type "A" Transmission Fluid M-2C33-D or M-2C33-C
Special transmission features	Park Position - Start in Park or Neutral Position - Vacuum controlled throttle valve.	

DRIVE UNITS—PROPELLER SHAFT

Number used	One	
Type (exposed, torque tube)	Exposed	
Outer diameter x length* x wall thickness	Manual transmission	3.25 x 59.80 x .065
	Overdrive transmission	3.25 x 59.80 x .065
	Automatic transmission	3.25 x 59.80 x .065

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

AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (a)
ALL MODELS

MODEL 223 CID

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	None
Universal joints	Make	Ford
	Number used	Two
	Type (ball and trunion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Springs
Torque taken through (torque tube or arms, springs)		Springs

DRIVE UNITS—REAR AXLE

Description (see instructions)	Conventional, rear axle assembly with semi-floating axle shafts and straddle mounted pinion and ring gear.		
Limited Slip differential, type	Equa-lock, friction disc, spring loaded		
Drive Pinion Offset	2.25		
No. of differential pinions	Two		
Gear ratios (Std. equip.)	Manual transmission	3.50:1 3.89:1 (a)	
	Overdrive transmission	3.89:1	
	Automatic transmission	3.50:1	
Ring gear O.D. (std. ratio)	8.75		
Pinion adjustment (shim, other)	Shims		
Pinion bearing adj. (shim, other)	Collapsible spacer		
Wheel bearing type	Single row, double sealed ball bearings		
Lubricant	Capacity (pt.)	5	
	Type recommended	Hypoid extreme pressure	
	SAE viscosity number	Summer	SAE-90
		Winter	SAE-90
Extreme cold		SAE-80	

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.50	3.89
No. of teeth	Pinion	10	9
	Ring gear	35	35

(a) Model 71.

AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (*)
ALL MODELS

MODEL 223 CID

DRIVE UNITS—WHEELS

Type & material		Stamped steel disc			
Rim (size and flange type)	Std.	14 x 5.0J	14 x 5.5J	14 x 6.0JK (a)	15 x 5.5K (b)
	Opt.	15 x 5.5K (c)		15 x 6.0 (b)	
Attachment	Type (bolt or stud)	Stud			
	Circle diameter	4.5			
	Number and size	Five .50			

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	7.00 x 14 2 ply (d)	<u>7.50 x 14 2 ply (d)</u>	8.00 x 14 2 ply (a)(d)
	Type - Nylon, etc.	Rayon tubeless	Nylon tubeless (e)	
Rev/mile at 50 mph.		775	753 (f)	763 (g)
Inflation press. (cold)	Front	24 - 28		
	Rear	24 - 28		
Optional tires - size and ply		7.50 x 14 6 ply (c)	6.70 x 15 4 ply (h)	
		8.00 x 14 4 ply	7.10 x 15 4 ply (c)	
		8.00 x 14 6 ply	7.60 x 15 4 ply (c)	

Bill Dessenmacher 10/31/63

A/C

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		Duo-servo	
Self adjusting (std., opt., N.A.)		Standard (i)	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Midland-Ross, integral, vacuum assist	
Effective area (sq. in.)*		177.5	196.1 (a) (b) (j)
Gross lining area (sq. in.)**		212.7	234.0 (a) (b) (j)
Swept drum area (sq. in.)***		346.5	381.2 (a) (b) (j)
Percent brake effectiveness—front		58%	
Drum	Diameter	Front	11.03
		Rear	11.03
	Type and material	Composite, pressed steel disc and cast iron drum	
Wheel cylinder bore	Front	1.094	
	Rear	.938	
Master cylinder bore		1.00	.875 Power brake
Available pedal travel		6.75	4.00 Power brake
Line pressure at 100 lb. pedal load		800	1100 Power brake
Shoe clearance adjustment		.12 - .18	

* Excludes rivet holes, grooves, chamfers, etc.

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

*** Total swept areas for four brakes:

Widest lining contact width for each brake x its drum circumference.

(Continued)

- (a) Model 71.
- (b) Police
- (c) All except Model 71.
- (d) 4 ply rating, 2 ply construction.
- (e) Optional.
- (f) 8.00 x 14 tire, 14 x 6.0JK rim.
- (g) 6.70 x 15 tire, 15 x 5.5K rim.
- (h) All models except 71, 76 and models with air conditioning.
- (i) Manual adjustment Police and Taxi.
- (j) Taxi.

AMA Specifications—Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1964	DATE ISSUED	10-1-63	REVISED (e)
				ALL MODELS		
MODEL	223 CID					

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted		Riveted				
	Front Shoe	Material		Molded Asbestos (d)			
		Size (length x width x thickness)	Front wheel	9.35 x 2.5 x .195	9.35 x 3.0 x .205	(a) (c)	
			Rear wheel	9.35 x 2.5 x .195	9.35 x 2.5 x .205	(a)	
		Segments per shoe		One			
	Rear Shoe	Material		Molded Asbestos (d)			
		Size (length x width x thickness)	Front wheel	12.12 x 2.5 x .270	12.12 x 3.0 x .230	(a) (c)	
			Rear wheel	12.12 x 2.5 x .215	12.12 x 2.5 x .230	(a)	
Segments per shoe		One					

BRAKES—PARKING

Type of control	Foot pedal with "Tip Down" release		
Location of control	Suspended left of steering column		
Operates on	Rear Service Brakes		
If separate from service brakes	Type (internal or external)	None	
	Drum diameter	None	
	Lining size (length x width x thickness)	None	

FRAME or UNITIZED CONSTRUCTION

Type and description	Frame - Ladder type with full length boxed side rails and cross members (b)
----------------------	-----------------------------------------------------------------------------

SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)*

Provision for car leveling	Yes		
Provision for brake dip control	Yes		
Provision for acc. squat control	Yes		
Special provisions for car jacking	None		
Shock absorber front & rear	Type	Direct acting	
	Make	Ford and Gabriel	
	Piston dia.	1.0	1.1875 (a)
Other special features	Anti-harsh compliance link		

SUSPENSION—FRONT

Type and description	Independent S. L. A. Suspension with Ball Joints and Coil Springs Compliance Link Design.
----------------------	-------------------------------------------------------------------------------------------

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 drive ratio

Normal operating pressures
 spring rates
 leveling data

(Continued)

(a) Standard on Model 71.
 (b) Model 76 "X" member.

(c) Police and Taxi.
 (d) Cerametalex available.

AMA Specifications – Passenger Cars

MAKE OF CAR	FORD	MODEL YEAR	1964	DATE ISSUED	10-1-63	REVISED (*)
				ALL MODELS		
MODEL	223 CID					

SUSPENSION FRONT (cont.)

Spring	Type	Coil
	Material	Steel SAE-9260/SAE-5160
	Size (coil design height & I.D.; bar length x dia.)	10.45 x 4.03 149.44 x .710
	Spring rate (lb. per in.)	380 400
	Rate at wheel (lb. per in.)	97 with tires
	Design load (lb. @ design height)	2225 2325
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	Steel SAE-1000 .72 (a)

STEERING

Manual (std., opt., NA)		Standard	
Power (std., opt., NA)		Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description	Swing	
	(std., opt., NA)	Optional	
Wheel diameter	Manual	17.0	
	Power	16.0	
Turning diameter	Outside front	Wall to wall (l. & r.)	43.6
		Curb to curb (l. & r.)	41.0
	Inside rear	Wall to wall (l. & r.)	23.5
		Curb to curb (l. & r.)	24.3
Outside wheel angle with inside wheel at 20°		17° 21'	
Manual	Gear	Type	Recirculating ball and nut
		Make	Ford
		Ratios	Gear 22:1 Overall 30:1
	No. wheel turns	5.5	
	Type (coaxial, linkage, etc.)	Linkage	
Power	Gear	Make	Bendix
		Type	Recirculating ball and nut
		Ratios	Gear 20:1 Overall 23:1
	Pump driven by	Belt off crankshaft pulley	
	Number wheel turns	3.9	
	Type	Parallelogram	
Linkage	Location (front or rear of wheels, other)	Rear	
	Drag link (trans. or longit.)	Transverse	
	Tie rods (one or two)	Two	

(a) Model 71.

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR FORD	MODEL YEAR 1964	DATE ISSUED 10-1-63	REVISED (*)
		ALL MODELS	
MODEL	223 CID		

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		6° 45' @ 0° 30' Camber			
	Bearings (type)	Upper	Prelubricated - Ball Joint - Spring Loaded			
		Lower	Prelubricated - Ball Joint - Spring Loaded			
		Thrust	Teflon Bearing in Lower Ball Joint			
Wheel alignment (range and preferred)	Caster (deg.)		0° 30' Min. - 0° 30' Max. 0° Preferred			
	Camber (deg.)		0° 15' Min. 1° Max. 0° 37' Preferred			
	Toe-in (outside tread-inches)		1/8 Min. 1/4 Max. 3/16 Preferred			
	Steering spindle & joint type		Prelubricated ball joint			
Wheel spindle	Diameter	Inner bearing	1.12 I.D.			
		Outer bearing	.75 I.D.			
	Thread size		3/4 - 16 NF3			
	Bearing type		Tapered roller			

SUSPENSION—REAR

Type and description		Hotchkiss drive				
Drive and torq. taken through (see page 17)		Rear springs				
Spring	Type	Semi-elliptic				
	Material	Spring steel SAE-5160				
	Size (length x width, coil design height and I.D., bar length & dia.)		60 x 2.50			
	Spring rate (lb. per in.)	103	126 (a)	133 (c)	154 (a)	
	Rate at wheel (lb. per in.)	103	126 (a)	133 (c)	154 (a)	
	Design load (lb. at design height)	925	955 (b)	1175 (a)	1015 (c) 1300 (a)	
	Mounting insulation type		Rubber bushed shackles			
	If leaf	No. of leaves		4 (a) 5 (b) 6 (a) (c)		
		Inserts	Type and size	Flat		
			Material	Plastic		
Shackle (comp. or tens.)		Tension				
Stabilizer	Type (link, linkless, frameless)		None			
	Material		None			
Track bar type		None				

NOTE: Maximum difference between wheels not to exceed 1/20, recommend 1/40.

- (a) Model 71.
- (b) Models 54, 57 and 76.
- (c) Heavy duty for Models 62, 54, 63, 57 and 76.
- (d) Model 62 and 63.

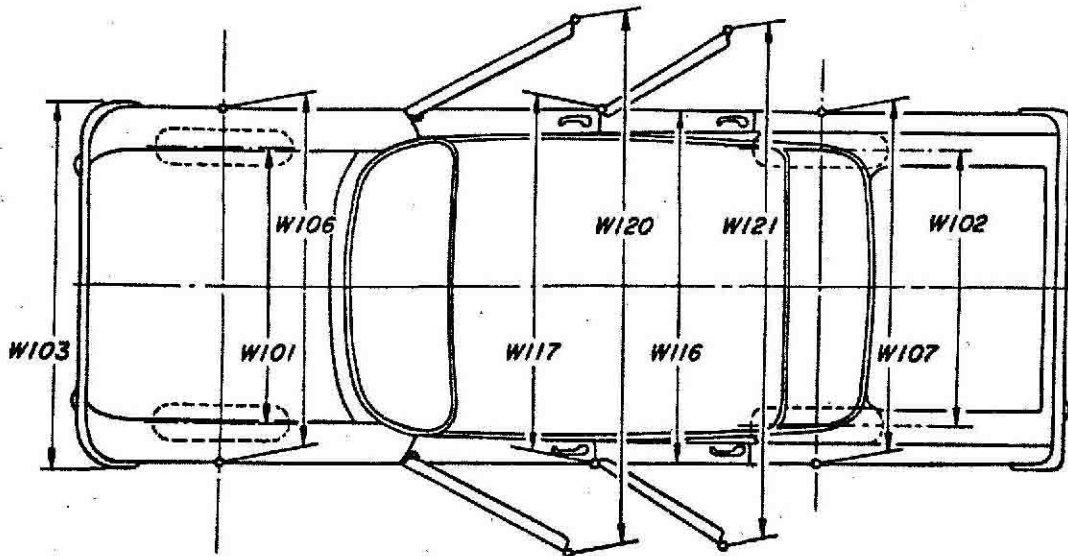
MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (*)

CAR AND BODY DIMENSIONS—GENERAL

Dimensions herein are those adopted by the Society of Automotive Engineers. Brief descriptions of these dimensions are listed on pages 34-36. Complete definitions are listed in section E-1 of the SAE Aeronautical - Automotive Drawing Standards. The dimensions are developed from the following basic points:

1. Body dimensions are for all body styles.
2. All interior dimensions are taken with manikin 15.0 inches outboard of car centerline unless otherwise stated.
3. All interior dimensions are measured with the front seat in the lowest and rearmost position.
4. Unless otherwise specified, all exterior height dimensions are taken with a full design load which consists of 5 passengers, 300 lbs. front, 450 lbs. rear; includes spare wheel, tire and tools, and full complement of gas, oil, water and tires to recommended pressure, etc.
5. The SAE manikin with 90th percentile leg length will be used for recording purposes.
6. The H Point is the pivot center of the manikin's torso and thigh.
7. The D Point is the point of tangency of a horizontal line and the lowest point of the manikin.
8. The Torso Line is a line parallel to the small of manikin's back and extending through the H Point.

EXTERIOR WIDTH DIMENSIONS

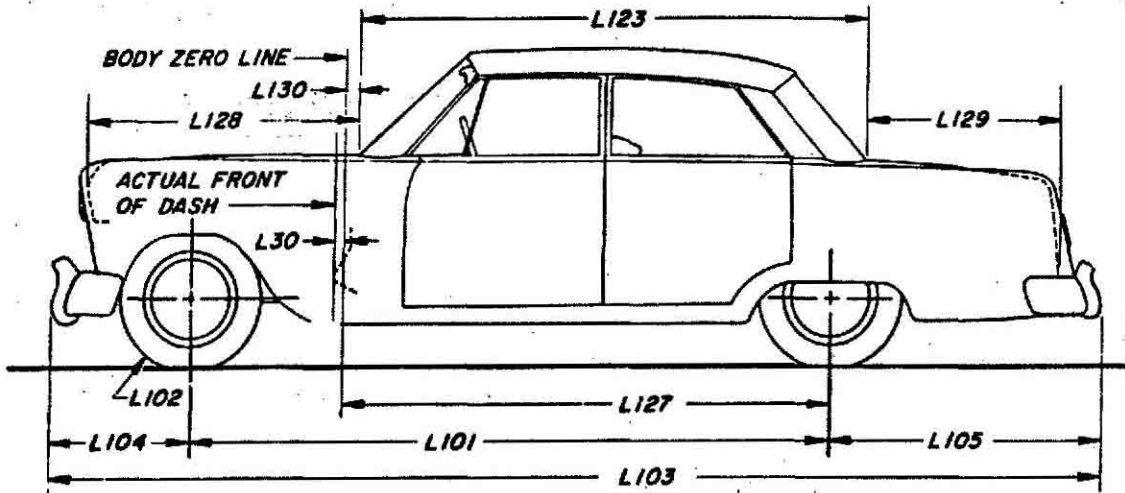


MODEL	Ref. No.	SEDAN	SEDAN	HARDTOP	HARDTOP	CONV.	WAGON
		2-Door 62	4-Door 54	2-Door 63	4-Door 57	2-Door 76	4-Door 71
Tread - front	W101	61.0					
Tread - rear	W102	60.0					
Maximum overall car width	W103	80.0					
Maximum overall body width	W116	79.8					
Maximum body width at #2 pillar	W117	78.6					
Front fender overall width	W106	77.6					
Rear fender overall width	W107	78.7					
Maximum overall car width - front doors open	W120	168.6	158.5	168.6	158.5	168.6	158.5
Maximum overall car width - rear doors open	W121	--	141.7	--	141.7	--	141.7

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EXTERIOR LENGTH DIMENSIONS

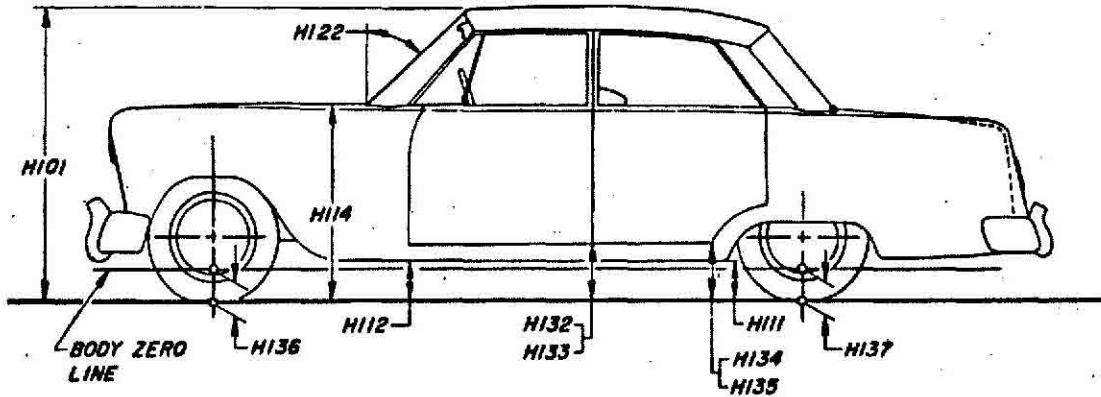


MODEL	Ref. No.	SEDAN	SEDAN	HARDTOP	HARDTOP	CONV.	WAGON	
		2-Door 62	4-Door 54	2-Door 63	4-Door 57	2-Door 76	4-Door 71	
Body zero line to actual front of dash	L30	0.0						
Wheelbase	L101	119.0						
Overhang - front	L104	32.4						
Overhang - rear	L105	58.4						
Overall length	L103	209.8						
Hood length at car centerline	L128	55.4						
Body upper structure length at car centerline	L123	104.5		101.5	104.5	100.0	136.9	
Deck length at car centerline	L129	45.2		48.2	45.2	49.7	--	
Body zero line to centerline of rear wheels	L127	101.9						
Body zero line to windshield cowl point	L130	7.3						
Tire size	L102	7.50 x 14						8.00 x 14

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EXTERIOR HEIGHT DIMENSIONS

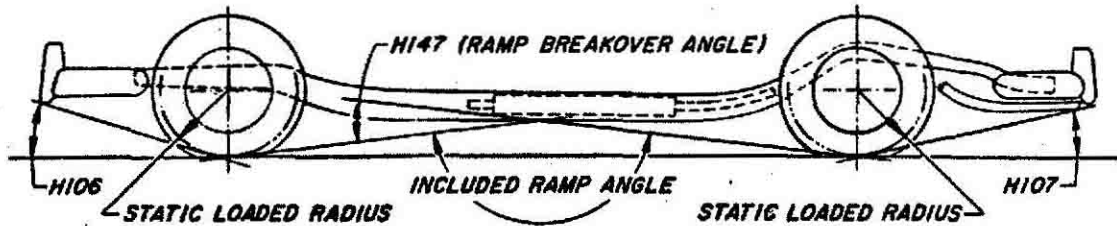
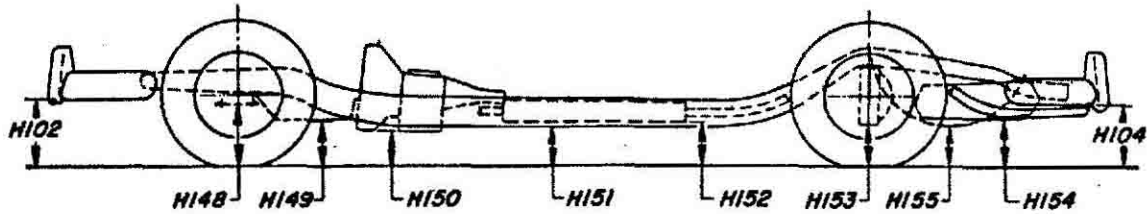


MODEL	Ref. No.	SEDAN	SEDAN	HARDTOP	HARDTOP	CONV.	WAGON
		2-Door 62	4-Door 54	2-Door 63	4-Door 57	2-Door 76	4-Door 71
Overall height	H101	56.5		55.5			57.8
Hood at rear to ground	H114	38.9					39.1
Rocker panel to ground - front	H112	7.6					7.8
Rocker panel to ground - rear	H111	7.1					7.3
Bottom of door to ground, open - front	H132	12.4					12.6
Bottom of door to ground, closed - front	H133	11.2					11.4
Bottom of door to ground, open - rear	H134	--	11.1	--	11.1	--	11.3
Bottom of door to ground, closed - rear	H135	--	11.1	--	11.1	--	11.3
Windshield slope angle	H122	51.7°		52.7°			51.7°
Body zero to ground - front	H136	11.5					11.7
Body zero to ground - rear	H137	11.5					11.7

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GROUND CLEARANCE DIMENSIONS

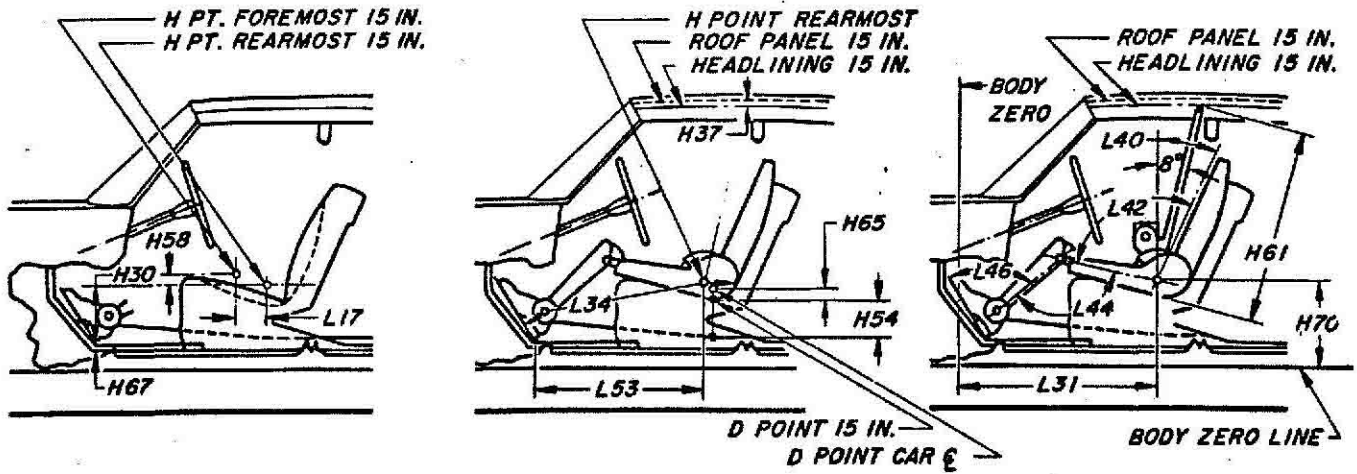


MODEL	Ref. No.	SEDAN	SEDAN	HARDTOP	HARDTOP	CONV.	WAGON
		2-Door 62	4-Door 54	2-Door 63	4-Door 57	2-Door 76	4-Door 71
Front bumper to ground	H102	11.3					11.5
Rear bumper to ground	H104	10.6					10.8
Angle of approach	H106	25.1°					25.7°
Angle of departure	H107	11.7°					11.9°
Ramp breakover angle	H147	11.2°				10.8°	11.6°
Front suspension to ground	H148	6.3					6.5
Oil pan to ground	H149	7.6					7.8
Flywheel housing to ground	H150	6.2					6.4
Frame structure to ground	H151	5.8				5.6	6.0
Exhaust system to ground	H152	5.3				5.9	5.5
Rear axle differential to ground	H153	6.9					7.1
Fuel tank to ground	H154	8.1					8.4
Spare tire well to ground	H155	None					
Minimum running ground clearance	H156	5.3					5.5

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FRONT COMPARTMENT DIMENSIONS



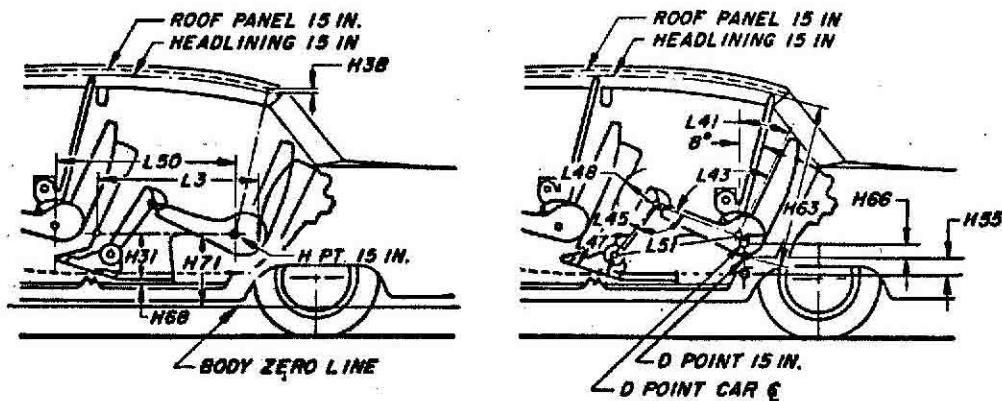
MODEL	Ref. No.	SEDAN 2-Door 62	SEDAN 4-Door 54	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71
H Point to body zero line	L31	42.5	42.2 (a) (b)				
H Point to body zero line - front	H70	9.1	9.4 (a) (b)				
Effective head room	H61	39.1		38.1	37.7(a)	38.5(b) 38.9	39.6
Headlining to roof height	H37	0.6				--	0.8
Maximum effective leg room - accelerator	L34	41.9	41.5 (a) (b)				
H Point to heel point	H30	8.7	9.0 (a) (b)				
Depressed floor covering thickness	H67	.5					
Back angle	L40	26.1°	25.5° (a) (b)				
Hip angle	L42	98.1°	97° (a) (b)				
Knee angle	L44	128.7°	125.8° (a) (b)				
Foot angle	L46	85°	82.6° (a) (b)				
D Point differential, side to center	H65	.7					
D Point to tunnel	H54	3.2				2.2	
H Point to accelerator floor point	L53	34.4	34.1 (a) (b)				
H Point travel	L17	5.5	4.0 (a) (b)				
H Point rise	H58	.7	.5 (a) (b)				

(a) Bucket seat Model 63 and 57.
 (b) Bucket seat Model 76.

AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (e)

REAR COMPARTMENT DIMENSIONS



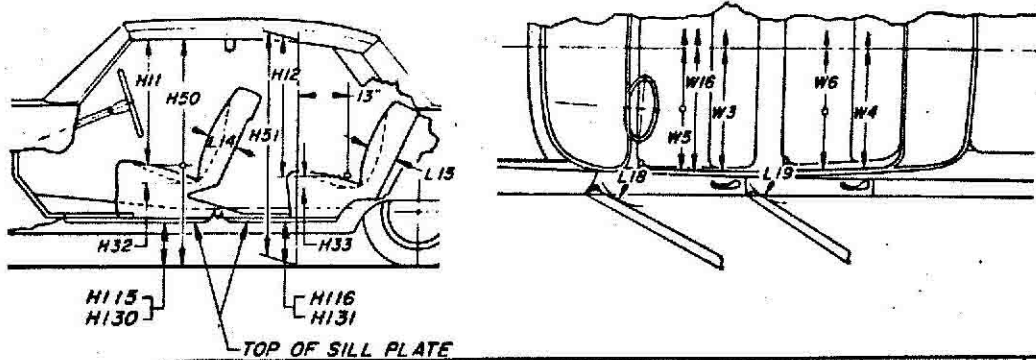
MODEL	Ref. No.	SEDAN 2-Door 62	SEDAN 4-Door 54	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71
H Point couple distance	L50	35.2		31.0 (a) 30.8	33.6 (c) 33.4	31.5 (b) 31.2	35.3 (d) 32.7 (e)
H Point to body zero line - rear	H71	8.3		7.9	8.3	8.1	9.9 (d) 11.5 (e)
Effective head room	H63	38.4		38.1	37.9	37.4	39.2 (d) 37.5 (e)
Headlining to roof height	H38	.5					.8
Minimum effective leg room	L51	37.0		33.0 (a) 32.6	36.8 (c) 35.2	34.0 (b) 33.1	37.5 (d) 35.6 (e)
H Point to heel point	H31	11.3		10.9	11.3	11.1	12.9 (d) 14.5 (e)
Depressed floor covering thickness	H68	.5					
Minimum knee room	L48	5.5		2.5 (a) 1.9	4.3 (c) 3.9	2.7 (b) 2.2	4.9 (d) 2.0 (e)
Rear compartment room	L3	28.6		25.2 (a) 25.1	26.8	24.9 (b) 25.1	29.3 (d) 26.5 (e)
Back angle	L41	25°		29°	25°	23.5°	25°
Hip angle	L43	89°		85.5° (a) 85°	88° (c) 86°	81.5° (b) 80.6°	93.5° (d) 94° (e)
Knee angle	L45	99.5°		81.2° (a) 81.7°	98.5° (c) 91°	85.5° (b) 81.7°	102° (d) 93° (e)
Foot angle	L47	117°		105° (a) 105°	112.1° 112° (c)	106°	115° (d) 105° (e)
D Point differentl, side to center	H66	.9					0.0
D Point to tunnel	H55	2.1		1.7	2.1	1.8	3.0 (d) 4.7 (e)

- (a) Bucket seat Model 63.
- (b) Bucket seat Model 76.
- (c) Bucket seat Model 57.
- (d) Model 71B and 71E (6 passenger).
- (e) Model 71A and 71C (9 passenger).

AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (*)

SEAT AND ENTRANCE DIMENSIONS



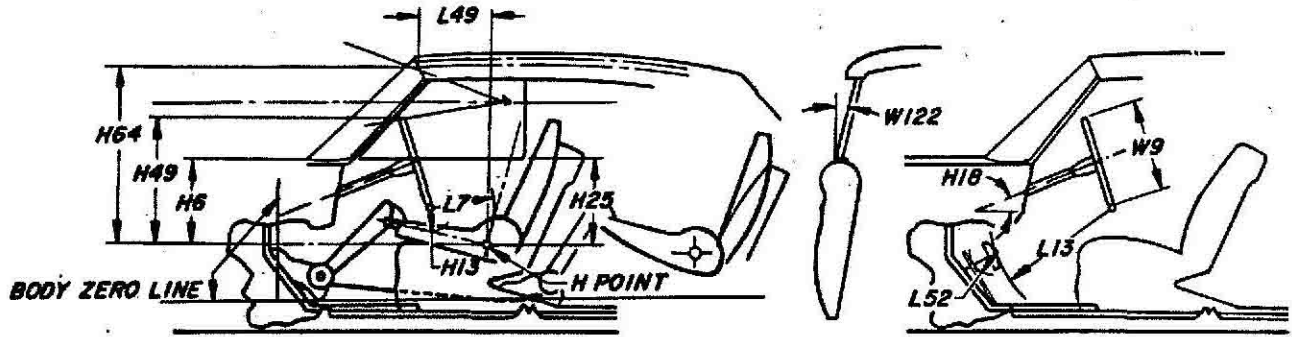
	Ref. No.	SEDAN	SEDAN	HARDTOP	HARDTOP	CONV.	WAGON
		2-Door	4-Door	2-Door	4-Door	2-Door	4-Door
		62	54	63	57	76	71
Shoulder room - front	W3	59.6	58.9 (a) (b) (c)				
Hip room - front	W5	62.3	61.7 (a) (b) (c)				
Seat width - front	W16	58.8	21.5 (a) (b) (c)				
Upper body opening to ground - front	H50	50.8		50.1			51.1
Entrance height - front	H11	30.2		29.5	29.1 (a) (b) (c)		30.2
Step height - front (design load)	H115	13.1					13.3
Step height - front (curb load)	H130	14.9					15.1 (d) 14.7 (e)
Entrance foot clearance - front	L18	14.9		15.4	18.5 (a) (b) (c)		
Seat cushion deflection - front	H32	4.2	2.5 (a) (c)			2.5 (b) 4.0	4.2
Seat back thickness - front	L14	6.7	5.4 (a) (b) (c)				
Shoulder room - rear	W4	60.7	61.2	60.2 (a) 60.7	60.2 (c) 61.2	50.9 (b) 50.3	60.5 (d) 60.9 (e)
Hip room - rear	W6	63.1	63.5	62.9 (a) 63.1	62.8 (c) 63.5	51.0	63.4 (d) 62.9 (e)
Upper body opening to ground - rear	H51	--	50.5	--	49.8	--	51.1
Entrance height - rear	H12	--	30.8	--	30.0	--	29.5 (d) 27.9 (e)
Step height - rear (design load)	H116	--	12.8	--	12.8	--	13.0
Step height - rear (curb load)	H131	--	14.9	--	14.9	--	15.2 (d) 14.9 (e)
Entrance foot clearance - rear	L19	7.4	11.1	10.8 (a) 7.4	10.5	9.2 (b) 6.7	11.7 (d) 9.0 (e)
Seat cushion deflection - rear	H33	4.1		4.6	4.0 (c) 4.2	3.8	3.6 (d) 3.8 (e)
Seat back thickness - rear	L15	7.2	6.1 (a)		7.3	6.2 (b) 4.8 (e)	

- (a) Bucket seat Model 63. (d) Model 71B and 71E (6 passenger).
 (b) Bucket seat Model 76. (e) Model 71A and 71C (9 passenger).
 (c) Bucket seat Model 57.

AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED(•)

VISION AND CONTROL DIMENSIONS



MODEL	Ref. No.	SEDAN 2-Door 62	SEDAN 4-Door 54	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71
H Point to windshield bottom DLO	H6	18.9	18.6 (a) (b)				
H Point to windshield upper DLO	H64	31.2		30.6	30.3 (a)	30.4 (b) 30.7	31.2
H Point to windshield upper DLO	L49	15.4		15.3	15.0 (a)	14.7 (b) 15.0	15.4
Belt height - front	H25	16.8	16.5 (a) (b)				
Steering wheel center to centerline of car	W7	17.1					
Steering wheel maximum outside diameter	W9	17.0					
Steering column angle - horizontal	H18	24.6°					
H Point to top of steering wheel	H49	23.3	23.0 (a) (b)				
Steering wheel torso clearance	L7	12.1	11.6 (a) (b)				
Steering wheel thigh clearance	H13	4.2	3.8 (a) (b)				
Brake pedal knee clearance	L13	24.3					
Brake pedal to accelerator	L52	4.0	3.9 (a) (b)				
Tumble-home	W122	14°					

- (a) Bucket seat Model 63 and 57.
- (b) Bucket seat Model 76.

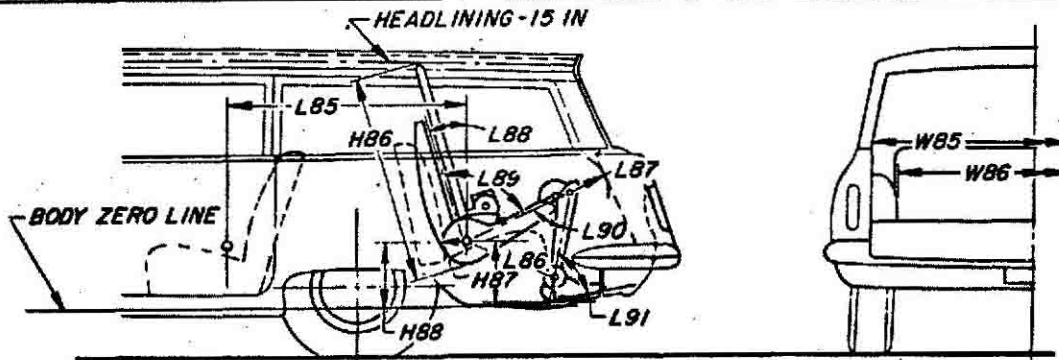
AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED _____ REVISED(6) _____

LUGGAGE COMPARTMENT

MODEL	Ref. No.	SEDAN 2-Door 62	SEDAN 4-Door 54	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76
Usable luggage capacity (See instructions)		17.1		17.7	17.1	
Liftover height	H195	28.0				
Position of spare tire storage		On rear kick-up over axle - Centerline of Car				
Method of holding lid open		Torsion bar hinge				

THIRD SEAT DIMENSIONS

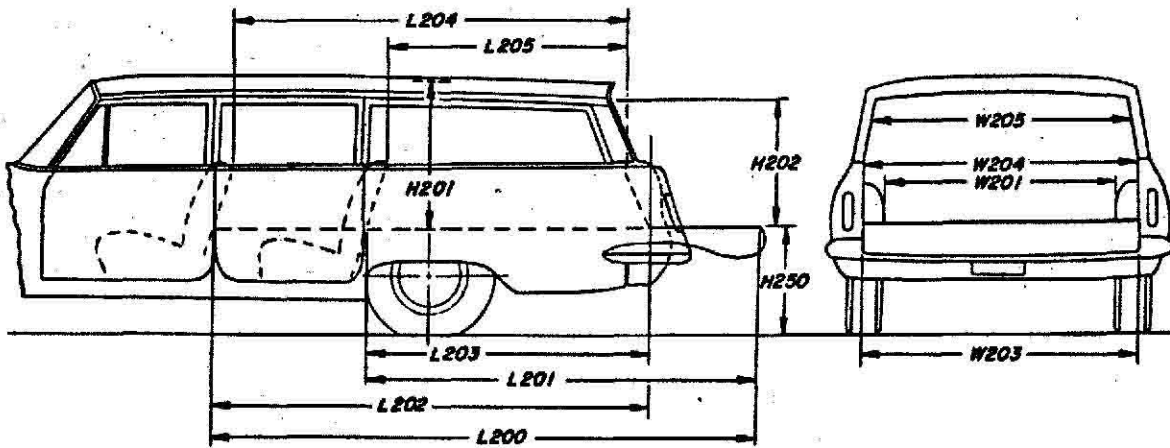


MODEL	Ref. No.	STATION WAGON 9 Passenger 71A-C
Seat facing direction		Forward
Shoulder room	W85	61.0
Hip room	W86	45.5
H Point couple distance	L85	36.2
H Point to body zero line - third seat	H88	13.1
Effective head room	H86	35.7
Effective leg room	L86	39.4
H Point to heel point	H87	12.8
Knee room	L87	5.6
Back angle	L88	27°
Hip angle	L89	100°
Knee angle	L90	112.1°
Foot angle	L91	130.1°

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (9)

STATION WAGON—CARGO SPACE DIMENSIONS



MODEL	Ref. No.	STATION WAGON 6 Passenger 71B-E	STATION WAGON 9 Passenger 71A-C
Floor length from back of front seat at floor level to end of lowered tail gate or floor	L200	122.1	
Floor length from back of second seat at floor level to end of lowered tail gate or floor	L201	86.1	90.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	98.5	
Floor length from back of second seat at floor level to inside of closed tail gate	L203	62.5	66.4
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	84.5	
Minimum horizontal distance from top rear of second seat back to inside of tail gate at belt	L205	48.7	51.9
Maximum width of cargo space at floor - specify location	W200	62.7	
Minimum distance between wheel houses at floor level	W201	44.9	
Rear end opening width at floor	W203	50.4	
Rear end opening width at belt	W204	50.4	
Maximum width of rear opening above belt	W205	47.9	
Maximum height - floor covering to headlining at centerline of rear axle	H201	33.3	
Maximum height of rear opening - tail and lift gates open	H202	26.3	
Platform height from ground to top of tail gate floor covering at rear most edge of tail gate - curb weight	H250	27.8	27.3
Rear end closure (e.g., one piece door, hinged left - sliding glass, drop tail gate)		Sliding glass and drop tailgate	
Cargo volume index (cu. ft.) W4 x L204 x H201		99.2	

AMA Specifications – Passenger Car

MAKE OF CAR	FORD					
MODEL	SEDAN 2-Door 62	SEDAN 4-Door 54	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71
	MODEL YEAR 1964			DATE ISSUED 10-1-63		REVISED (e)

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front				
	Rear doors	Front				
Type of finish (lacquer, enamel, other)		Enamel				
Hood counterbalanced (yes, no)		Yes				
Hood release control (internal, external)		External				
Vehicle (Serial) No. Location		The Official Serial No. is stamped on a tab attached to the top right side (weld flange) of the dash panel in the engine compmt.				
Engine No. Location		Boss on front left cylinder block				
Theft protection - type		Door locks, ignition key start, theft retarder ignition switch				
Vent window control method (crank, friction pivot)	Front	Crank				
	Rear	None				
Seat cushion type	Front	Conventional (Bench Seat)	Custom (Bucket Seat)			
	Rear	Conventional (Bench Seat)	Custom (Bucket Seat)			
	3rd seat	Polyfoam				
Seat back type	Front	Conventional (Bench Seat)	Custom (Simulated Bucket)			
	Rear	Conventional (Bench Seat)	Custom (Simulated Bucket)			
	3rd seat	Polyfoam				
Windshield glass type (i.e., single curved - laminated plate)		Compound curved, laminated plate				
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Compound curved, tempered sheet, one piece Flat, tempered sheet, one piece (a)				
Side glass type (i.e., curved - tempered plate)		Flat, tempered sheet				
Side glass exposed surface area		1477.9	1501.3	1244.8	1326.2	1126.8 2991.4
Windshield glass exposed surface area		1302.8	1302.8	1268.0	1268.0	1268.0 1302.8
Backlight glass exposed surface area		1156.5	1156.5	1120.8	1134.3	701.0 715.0
Total glass exposed surface area		3937.2	3860.6	3633.6	3728.5	3095.8 5009.2

BODY—CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional				
	Vent Windows	NA				
	Backlight or tailgate	Standard				
Power seats (specify type as well as availability)		Optional, 4-way Bench or Bucket Seat				
Reclining front seat back		NA				
Front seat headrest		NA				
Radios (specify type as well as availability)		Optional 1. Push Button AM Transistor 2. Push Button AM-FM Transistor				
Rear seat speaker		Optional				
Power Antenna		NA				
Clock		Standard Optional (b)				
Air Conditioner (specify type and availability)		Optional, Recirculating				

- (a) Model 76 and 71.
- (b) Custom, Custom 500 and Country Squire.

AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1964 DATE ISSUED 10-1-63 REVISED (*)

WEIGHTS

Model		CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
		Front	Rear	Total	Pass. In Front		Pass. In Rear		
					Front	Rear	Front	Rear	
289 CID 2V Engine									
Custom									
2-Door Sedan	62E	1933	1769	3702	53	47	20	80	3549
4-Door Sedan	54E	1971	1821	3639	53	47	20	80	3639
Custom 500									
2-Door Sedan	62B	1935	1800	3735	53	47	20	80	3582
4-Door Sedan	54B	1975	1860	3835	53	47	20	80	3682
Galaxie 500									
2-Door Sedan	62A	1947	1803	3750	53	47	20	80	3597
4-Door Sedan	54A	1987	1863	3850	53	47	20	80	3697
2-Door Hardtop	63B	1956	1805	3761	53	47	25	75	3608
4-Door Hardtop	57B	1996	1866	3862	53	47	23	77	3709
2-Door Convertible	76A	2045	1887	3932	53	47	25	75	3779
Galaxie 500 XL									
2-Door Hardtop	63C	1969	1817	3786	53	47	25	75	3633
4-Door Hardtop	57C	2009	1878	3887	53	47	23	77	3734
2-Door Convertible	76B	2055	1899	3954	53	47	25	75	3801
Station Wagon									
4-Door Country Sedan	71B	1953	2201	4154	53	47	20	80	4001
4-Door Country Sedan	71C	1950	2215	4166	53	47	23	77	4013
4-Door Country Squire	71E	1955	2213	4168	53	47	20	80	4015
4-Door Country Squire	71A	1953	2227	4180	53	47	23	77	4027

Accessories & Equipment Differential Weights				Remarks
223 CID 1V Engine	- 11	0	- 11	
352 CID 2V Engine	139	43	182	Includes dual exhausts
390 CID 4V Engine	143	43	186	Includes dual exhausts
Cruise-O-Matic XP	- 12	- 4	- 16	Models with 223 CID engine
Cruise-O-Matic XP	8	2	10	Models with 289 CID engine
Cruise-O-Matic FX	37	10	47	Models with 289 CID engine
Cruise-O-Matic MX	25	7	32	Models with 352 CID engine
Cruise-O-Matic MX	33	10	43	Models with 390 CID engine
Manual Transmission	16	7	23	4-Speed, 390 CID engines only
Overdrive	22	6	28	Models with 223 CID engine
Overdrive	25	7	32	Models with 289 CID engine
Overdrive	37	11	48	Models with 390 CID engine
Air Conditioner	104	3	107	
Radio and Antenna (AM)	4	2	6	(AM-FM) Radio 8 lbs.
Power Steering	28	0	28	
Power Brakes	9	1	10	
Power Windows	9	12	21	
Power Seat, 4-way	18	16	34	Bench seat. Bucket seat 20 lbs.
Battery, Heavy Duty	12	- 2	10	
Luggage Rack	5	23	28	Available on Model 71 only
Steering column, movable	7	3	10	Optional with power steering & auto. trans.

* These are weights that are reported to states for licensing purposes.

DIMENSION DEFINITIONS

- W3 SHOULDER ROOM - FRONT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.
- W4 SHOULDER ROOM - REAR. Measured in the same manner as W3.
- W5 HIP ROOM - FRONT. The lateral dimension through H Point to trimmed surfaces.
- W6 HIP ROOM - REAR. Measured in the same manner as W5.
- W7 STEERING WHEEL CENTER TO CENTERLINE OF CAR. Measured horizontally from steering wheel center to centerline of car. The point at steering wheel center is located in the surface plane of wheel.
- W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.
- W16 SEAT WIDTH - FRONT. The maximum trimmed width of front seat cushion.
- W85 SHOULDER ROOM - THIRD SEAT. Measured in the same manner as W3.
- W86 HIP ROOM - THIRD SEAT. Measured in the same manner as W5.
- W101 TREAD - FRONT. Measured at centerline of tires, with nominal camber, at ground.
- W102 TREAD - REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions.
- W106 FRONT FENDER OVERALL WIDTH. Measured at centerline of front wheels, excluding moldings.
- W107 REAR FENDER OVERALL WIDTH. Measured at centerline of rear wheels, excluding moldings.
- W116 MAXIMUM OVERALL BODY WIDTH. Measured across body, excluding hardware and applied moldings, but including fenders when integral with body.
- 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. Measured with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN. Measured in same manner as W120.
- W122 TUMBLE-HOME. The angle from vertical to the front door glass outer surface or the chord of a curved door glass, measured at the front H Point station.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at a height tangent to the top of rear seat cushion.
- L7 STEERING WHEEL TORSO CLEARANCE. The minimum distance from the back edge of steering wheel, in straight-ahead position, to the Torso Line.
- L13 BRAKE PEDAL KNEE CLEARANCE. The minimum dimension from the lower edge of the steering wheel to the brake pedal face centerline.
- L14 SEAT BACK THICKNESS - FRONT. The maximum thickness of the seat back, excluding bolsters.
- L15 SEAT BACK THICKNESS - REAR. Measured in the same manner as L14.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- L18 ENTRANCE FOOT CLEARANCE - FRONT. The minimum horizontal dimension between seat and normal line of door or pillar at a height between the sill plate bead and 4.0 inches above the bead. Door should be in the maximum hold-open position.
- L19 ENTRANCE FOOT CLEARANCE - REAR. Measured in the same manner as L18 on four-door models. On two-door styles, the minimum dimension between rear corner of front seat, with front seat back tilted forward, and trimmed lock pillar, built-in quarter armrest panel, or rear seat cushion at a height between the sill plate bead and 4.0 inches above the bead.
- L30 BODY 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.
- L31 H POINT TO BODY ZERO LINE - FRONT. Horizontal dimension.
- L34 MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. Measured with the right foot on accelerator pedal.
- L40 BACK ANGLE - FRONT. The angle between a vertical line through the H Point and the Torso Line.
- L41 BACK ANGLE - REAR. Measured in the same manner as L40.
- L42 HIP ANGLE - FRONT. The angle between Torso Line and a line extending from knee pivot center to H Point.
- L43 HIP ANGLE - REAR. Measured in the same manner as L42.
- L44 KNEE ANGLE - FRONT. The angle between a line from H Point to knee pivot center and a line from the knee pivot center to the ankle pivot center.
- L45 KNEE ANGLE - REAR. Measured in the same manner as L44.
- L46 FOOT ANGLE - FRONT. The angle between a line extended from the knee pivot center through the ankle pivot center and a line tangent to the sole and heel of manikin bare foot.
- L47 FOOT ANGLE - REAR. Measured in the same manner as L46.
- L48 MINIMUM KNEE ROOM - REAR. The minimum dimension from the knee pivot center to the back of front seat back.
- L49 H POINT TO WINDSHIELD UPPER DLO. The horizontal dimension from H Point to the point of tangency of horizontal line of vision (described in dimension H64) with body upper structure.

DIMENSION DEFINITIONS (cont.)

- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- L51 MINIMUM EFFECTIVE LEG ROOM – REAR. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. Measured with the foot positioned to nearest interference between seat structure and toe, instep or lower leg.
- L52 BRAKE PEDAL TO ACCELERATOR. The minimum dimension from center of brake pedal face to accelerator. Measured in the side view.
- L53 H POINT TO ACCELERATOR FLOOR POINT. The horizontal dimension from intersection of accelerator and depressed floor covering to the H Point.
- L85 H POINT COUPLE DISTANCE – THIRD SEAT. The horizontal dimension from the second seat H Point to the third seat H Point.
- L86 EFFECTIVE LEG ROOM – THIRD SEAT. Measured in the same manner as L51. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- L87 KNEE ROOM – THIRD SEAT. Measured in the same manner as L48. With rear-facing third seat, dimension is measured to rear closure.
- L88 BACK ANGLE – THIRD SEAT. Measured in the same manner as L40.
- L89 HIP ANGLE – THIRD SEAT. Measured in the same manner as L42.
- L90 KNEE ANGLE – THIRD SEAT. Measured in the same manner as L44.
- L91 FOOT ANGLE – THIRD SEAT. Measured in the same manner as L46.
- L101 WHEELBASE.
- L102 TIRE SIZE.
- 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 theoretical intersection of extended windshield glass plane and normal cowl surface to the theoretical intersection of extended back window glass plane and normal deck surface; or in the case of a Fastback roof or Station Wagon, to back glass lower reveal molding, or rubber when molding is not used.
- L127 BODY ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L128 HOOD LENGTH AT CAR CENTERLINE. The horizontal dimension from the foremost point on sheet metal hood surface, excluding series identification or ornamentation, to the theoretical intersection of extended windshield glass plane and normal cowl surface.
- L129 DECK LENGTH AT CAR CENTERLINE. The horizontal dimension from the rearmost point of the body sheet metal (visible above bumper), excluding series identification or ornamentation, to the theoretical intersection of extended back window glass plane and normal deck surface.
- L130 BODY ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from body zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.
- H6 H POINT TO WINDSHIELD BOTTOM DLO. Vertical dimension.
- H11 ENTRANCE HEIGHT – FRONT. The vertical dimension from H Point to upper trimmed body opening.
- H12 ENTRANCE HEIGHT – REAR. The vertical dimension from H Point to the upper trimmed body opening at a section 13.0 inches forward of the H Point.
- H13 STEERING WHEEL THIGH CLEARANCE. The minimum dimension from the bottom of steering wheel, in straight-ahead position, to centerline of thigh.
- H18 STEERING COLUMN ANGLE – HORIZONTAL. The angle the centerline of steering column makes with the horizontal.
- H25 BELT HEIGHT – FRONT. The vertical dimension from H Point to bottom of side window DLO.
- H30 H POINT TO HEEL POINT – FRONT. The vertical dimension from the H Point to the manikin accelerator heel point on the depressed floor covering.
- H31 H POINT TO HEEL POINT – REAR. The vertical dimension from the H Point to the manikin heel point on the depressed floor covering.
- H32 SEAT CUSHION DEFLECTION – FRONT. The vertical dimension from a point on the undepressed seat cushion to the depressed seat cushion. Measured at the H Point station.
- H33 SEAT CUSHION DEFLECTION – REAR. Measured in the same manner as H32.
- H37 HEADLINING TO ROOF HEIGHT – FRONT. The dimension from the intersection of the headlining and the extended effective head room line to the roof panel. Measured perpendicularly to the roof panel.
- H38 HEADLINING TO ROOF HEIGHT – REAR. Measured in the same manner as H37.
- H49 H POINT TO TOP OF STEERING WHEEL. The vertical dimension from the H Point to top of steering wheel, in straight-ahead position.
- 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.
- 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.

DIMENSION DEFINITIONS (cont.)

- H54 D POINT TO TUNNEL - FRONT. The vertical dimension from the D Point, at car centerline, to top of tunnel.
- H55 D POINT TO TUNNEL - REAR. Measured same manner as H54.
- H58 H POINT RISE. The vertical dimension between the H Point in the most forward and rearward seat position.
- 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.
- H63 EFFECTIVE HEAD ROOM - REAR. Measured same as H61.
- H64 H POINT TO WINDSHIELD UPPER DLO. Vertical dimension from H Point to highest horizontal line of vision through windshield at 15 inch section.
- H65 D POINT DIFFERENTIAL, SIDE TO CENTER - FRONT. Vertical dimension from side occupant to center occupant D Point.
- H66 D POINT DIFFERENTIAL, SIDE TO CENTER - REAR. Measured in the same manner as H65.
- H67 DEPRESSED FLOOR COVERING THICKNESS - FRONT. The vertical dimension from manikin accelerator heel point normally to underbody sheet metal immediately below heel point.
- H68 DEPRESSED FLOOR COVERING THICKNESS - REAR. Measured same as H67.
- H70 H POINT TO BODY ZERO LINE - FRONT. Vertical dimension.
- H71 H POINT TO BODY ZERO LINE - REAR. Vertical dimension.
- H86 EFFECTIVE HEAD ROOM - THIRD SEAT. Measured in the same manner as H61.
- H87 H POINT TO HEEL POINT - THIRD SEAT. Measured in the same manner as H31.
- H88 H POINT TO BODY ZERO LINE - THIRD SEAT. Vertical dimension.
- H101 OVERALL HEIGHT. Measured with full design load.
- H102 FRONT BUMPER TO GROUND. Minimum dimension.
- H104 REAR BUMPER TO GROUND. Minimum dimension.
- H106 ANGLE OF APPROACH. The angle between the 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 interfering component, excluding license plate.
- H107 ANGLE OF DEPARTURE. The angle between the 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 interfering component, excluding license plate.
- H111 ROCKER PANEL TO GROUND - REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured at front of rear wheel opening.
- H112 ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured at foremost point of rocker panel.
- H114 HOOD AT REAR TO GROUND. Measured from hood opening line on shroud, exclusive of moldings.
- H115 STEP HEIGHT - FRONT (DESIGN LOAD). The vertical dimension from top of sill plate bead, at C/L of front door sill plate, to ground.
- H116 STEP HEIGHT - REAR (DESIGN LOAD). Measured in same manner as dimension H115.
- 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.
- H130 STEP HEIGHT - FRONT (CURB LOAD). The vertical dimension from top of sill plate, at C/L of front door sill plate, to ground.
- H131 STEP HEIGHT - REAR (CURB LOAD). Measured same as H130.
- H132 BOTTOM OF DOOR TO GROUND, OPEN - FRONT. Measured from bottom outside corner of door with door in maximum hold-open position.
- H133 BOTTOM OF DOOR TO GROUND, CLOSED - FRONT. Same point on door as H132 dimension, with door closed.
- H134 BOTTOM OF DOOR TO GROUND, OPEN - REAR. Measured in same manner as H132.
- H135 BOTTOM OF DOOR TO GROUND, CLOSED - REAR. Measured in same manner as H133.
- H136 BODY ZERO TO GROUND - FRONT. A vertical dimension measured at front wheel centerline.
- H137 BODY ZERO TO GROUND - REAR. A vertical dimension measured at rear wheel centerline.
- H147 RAMP BREAKOVER ANGLE. 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.
- H148 FRONT SUSPENSION TO GROUND. Minimum clearance from lower control arm inner shaft or lowest point on the car centerline.
- H149 OIL PAN TO GROUND. Minimum clearance measured from sheet metal or drain plug.
- H150 FLYWHEEL/CONVERTER HOUSING AND TRANSMISSION ASSEMBLY TO GROUND. Minimum clearance.
- H151 FRAME STRUCTURE TO GROUND. Minimum clearance measured approximately midway between front and rear axles. In this measurement, cross bars and X-members shall be considered part of frame.
- H152 EXHAUST SYSTEM TO GROUND. Minimum clearance. Specify location.
- H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND. Minimum clearance.
- H154 FUEL TANK TO GROUND. Minimum clearance measured from sheet metal or drain plug, but excluding supports or straps.
- H155 SPARE TIRE WELL TO GROUND. Minimum clearance.
- H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.
- H195 LIFTOVER HEIGHT. Vertical dimension from luggage compartment lower opening to ground.

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