

# AMA Specifications – Passenger Car

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<b>MANUFACTURER</b> <p style="text-align: center;">FORD MOTOR COMPANY</p>	<b>CAR NAME</b> <p style="text-align: center;">FORD (8 Cylinder)</p>	
<b>MAILING ADDRESS</b> P. O. BOX 2053 DEARBORN, MICHIGAN	<b>MODEL YEAR</b> <p style="text-align: center;">1963</p>	<b>ISSUED:</b> 10-1-62 <b>REVISED (e)</b>

**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>
Ford 300		
2-Door Sedan	6	62E
4-Door Sedan	6	54E
<u>Galaxie</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	65A
2-Door Hardtop	6	63B
4-Door Hardtop	6	75A
2-Door Convertible	6	76A
<u>Galaxie 500 XL</u>		
2-Door Hardtop	5	63C
2-Door Hardtop	5	65B
4-Door Hardtop	5	75C
2-Door Convertible	5	76B
<u>Galaxie Station Wagons</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
4-Door Country Squire	5	71G
4-Door Country Squire	8	71H

# AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1963 DATE ISSUED 10-1-62 REVISED (a) 1-2-63

## GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page No.	62	54	63	65	75	76	71
		260 CID			352 CID		390 CID	
Wheelbase (L101)	23	119.0						
Tread	Front (W101)	61.0						
	Rear (W102)	60.0						
Maximum Overall Dimensions	Length (L103)	209.9						
	Width (W103)	79.9						
	Height (H101)	55.5	55.5	54.5	55.5	55.5	54.6	56.9
Transmission— (Specify trade name - opt., not available)	Manual	3-Speed Synchromesh 4-Speed Synchromesh Optional						
	Overdrive	Optional						
	Automatic	Fordomatic (2-Speed) Optional (b) Cruise-O-Matic (3-Speed) Optional						
Axle ratio	Manual	3.50:1 3.89:1 (c)		3.50:1 3.89:1 (a)				
	Overdrive	3.50:1 3.89:1 (c)		3.50:1 3.89:1 (a)				
	Automatic	3.25:1 3.50:1 (c)		3.00:1				
Tire size	18	7.50 x 14		8.00 x 14 (d)				
Engine	Type, no. cyl., valve arr. 2	90° V, 8, OHV						
	Fuel system (Carb., other) 8	2V Carburetor		2V Carburetor		4V Carburetor		
	Bore and stroke 2	3.80 x 2.87		4.00 x 3.50		4.05 x 3.78		
	Piston displ., cu.in. 2	260		352		390		
	Std. compression ratio 2	8.7:1		8.9:1		10.5:1		
	Max. bhp at engine rpm 2	164 @ 4400		220 @ 4300		300 @ 4600 330 @ 5000 (e)		
	Max. torque at rpm 2	258 @ 2200		336 @ 2600		427 @ 2800 427 @ 3200 (e)		

- (a) Model 71 with 330 hp. 390 CID Interceptor engine. See Page 3 and 17.
- (b) Fordomatic not available on models equipped with 352 or 390 CID engine. See Page 3.
- (c) Model 71. See Page 3 and 17.
- (d) Standard on Model 71 and all models with 352 or 390 CID engine with air conditioning and Model 76 with 390 CID engine.
- (e) Optional 330 hp. 390 CID Interceptor engine.

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		ALL MODELS					
MODEL	260 CID	352 CID	390 CID				

## ENGINE—GENERAL

Type, no. cyls., valve arr.	90°V, 8, OHV		
Bore and stroke (nominal)	3.80 x 2.87	4.00 x 3.50	4.05 x 3.78
Piston displacement, cu. in.	260	352	390
Bore spacing (C/L to C/L)	4.38	4.63	
No. system (front to rear)	L. Bank	5-6-7-8	
	R. Bank	1-2-3-4	
Firing order	1-5-4-2-6-3-7-8		
Compres. ratio (nominal)	8.7:1	8.9:1	10.5:1
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°	4° 40'	
Taxable horsepower $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$	46.20	51.20	52.49
Published max. bhp* @ eng. RPM	164 @ 4400	220 @ 4300	300 @ 4600
			330 @ 5000 (b)
Published max. torque* (lb. ft. @ RPM)	258 @ 2200	336 @ 2600	427 @ 2800
			427 @ 3200 (b)
Recommended fuel regular - premium	Regular		Premium
Idle speed (spec. neutral or drive)	Manual	500 - 525 Neutral	475 - 500 Neutral
	Automatic	475 - 500 Drive	450 - 475 Drive

## ENGINE—PISTONS

Material	Aluminum Alloy			
Description and finish	Cast aluminum alloy with steel struts, slipper skirt, cam ground, and tin plated. Autothermic type (a).			
Weight (piston only) oz.	18.69 - 18.83	24.58 - 24.79	24.41 - 24.62	
Clearance (limits)	Top land	.017 - .0208 Radial	.0182 - .0205 Radial	.0180 - .0212 Radial
	Skirt	Top	.0025-.0035 Diametral	
		Bottom	.0009-.0026 Diametral	
Ring groove depth	No. 1 ring	.200 - .193 Radial	.1891 - .1962 Radial	.1890 - .1960 Radial
	No. 2 ring	.200 - .193 Radial	.1891 - .1962 Radial	.1890 - .1960 Radial
	No. 3 ring	.189 - .182 Radial	.1856 - .1927 Radial	.1855 - .1925 Radial
	No. 4 ring	None		

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

- (a) 352 CID engine same except for "full skirt".
- (b) Optional 390 CID Interceptor engine.

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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				
All Except Station Wagon	<u>Std. V-8</u> 260	2V	8.7	164 @ 4400	258 @ 2200	Manual 3-Speed	3.50,	3.89	
	Overdrive					3.50,	3.89		
	Automatic 2-Speed					3.25,	3.00,	3.50	
	Automatic 3-Speed					3.25,	3.00,	3.50	
Station Wagon	260	2V	8.7	164 @ 4400	258 @ 2200	Manual 3-Speed	3.89,	3.50	
						Overdrive	3.89,	3.50	
						Automatic 2-Speed	3.50,	3.00,	3.25, 3.89
						Automatic 3-Speed	3.50,	3.00,	3.25, 3.89
All	<u>Opt.</u> 352	2V	8.9	220 @ 4300	336 @ 2600	Manual 3-Speed	3.50,	3.89	
	Manual 4-Speed					3.50,	3.89		
	Overdrive					3.50,	3.89		
	Automatic 3-Speed					3.00,	3.50		
All	<u>Opt.</u> 390	4V	10.5	300 @ 4600	427 @ 2800	Manual 3-Speed	3.50,	3.89,	4.11 (●)
	Manual 4-Speed					3.50,	3.89,	4.11	
	Overdrive					3.50,	3.89,	4.11	
	Automatic 3-Speed					3.00,	3.50		
All Except Station Wagon	390	4V	10.5	330 @ 5000	427 @ 3200	Manual 3-Speed	3.50,	3.89,	4.11 (●)
						Manual 4-Speed	3.50,	3.89,	4.11
						Overdrive	3.50,	3.89,	4.11
						Automatic 3-Speed	3.00,	3.50	
Station Wagon	390	4V	10.5	330 @ 5000	427 @ 3200	Manual 3-Speed	3.89,	3.50,	4.11 (●)
						Manual 4-Speed	3.89,	3.50,	4.11
						Overdrive	3.89,	3.50,	4.11
						Automatic 3-Speed	3.00,	3.50	

NOTE: All axles available with Equa-lock differential.

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ALL MODELS			
MODEL	260 CID	352 CID	390 CID

## 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 (a) #2 Cast iron alloy, straight face, scraper groove, phosphate coated (a)
	Width	#1 .0774 - .0781    #2 .0930 - .0940
	Gap	.010 - .020    .015 - .025
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	.1879 Max. Assy.    .1875 Nominal - snug groove
	Gap	.015 - .055
Expanders	Integral with oil ring assembly	

## ENGINE—PISTON PINS

Material	Alloy steel - SAE 5015		
Length	3.010 - 3.030	3.156 - 3.170	
Diameter	.9118 - .9124	.9750 - .9753	
Type	Locked in rod, in piston, floating, etc.	Press fit in rod	Full floating, tubular
	Bushing	In rod or piston	In rod
		Material	--
Clearance	In piston	.0003 - .0005	.0001 - .0003
	In rod	Press fit	.0001 - .0003
Direction & amount offset in piston	Right .0575 - .0675		

## ENGINE—CONNECTING RODS

Material	Forged steel SAE 1041		
Weight (oz.)	18.45 - 18.73	25.64 - 26.06	26.8 - 27.2
Length (center to center)	5.154 - 5.156	6.538 - 6.542	6.486 - 6.490
Bearing	Material & Type	Steel backed, copper-lead alloy replaceable inserts	
	Overall length	.716 - .726	.736 - .746
	Clearance (limits)	.0009 - .0025	.0010 - .0028
	End play	.006 - .016 (Two rods)	

(a) 352 CID engine same except for "tapered face".

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		ALL MODELS					
MODEL	260 CID	352 CID	390 CID				

## ENGINE—CRANKSHAFT

Material		Precision molded, alloy cast iron		
Vibration damper type		Rubber floated inertia members		
End thrust taken by bearing (No.)		Three		
Crankshaft end play		.004 - .008		
Main bearing	Material & type		Steel backed micro babbitt, replaceable inserts	
	Clearance		.006 - .0026	.0008 - .0029   .0010 - .0031
	Journal dia. and bearing overall length	No. 1	2.248 x .885	2.7488 x .907
		No. 2	2.248 x .885	2.7488 x .907
		No. 3	2.248 x 1.132	2.7488 x 1.119
		No. 4	2.248 x .885	2.7488 x .907
		No. 5	2.248 x .885	2.7488 x .907
		No. 6	None	
No. 7	None			
Dir. & amt. cyl. offset		Right bank leads .84		--
Crankpin journal diameter		2.123 - 2.124	2.438	

## ENGINE—CAMSHAFT

Location		In block		
Material		Precision molded special alloy iron, induction hardened, phosphat coated		
Bearings	Material	SAE 15 lead base babbitt on SAE 1010 steel back		
	Number	Five		
Gear or chain		Chain		
Crankshaft gear or sprocket material		Sintered iron or steel		
Type of Drive	Camshaft gear or sprocket material		Cast Iron	Die cast aluminum with nylon overlay
	Timing chain	No. of links	58	48
		Width	.750 Nominal	.86
		Pitch	.375	.50

## ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard (a)		
Valve rotator, type (intake, exhaust)		None	Ford free-turn (intake & exhaust)	
Rocker ratio		1.60:1	1.76:1	
Operating tappet clearance (indicate hot or cold)	Intake	Zero	.025 Hot (b)	(c)
	Exhaust	Zero	.025 Hot (b)	(c)
Timing marks on flywheel, damper, other		Indicator scale on front cover and notch on crankshaft pulley		

- (a) Not available on 330 hp. 390 CID Interceptor engine. (Continued)
- (b) Clearance for 330 hp. 390 CID Interceptor engine.
- (c) Hot setting to be made after a minimum of 30 minutes @ 1200-RPM (No load).

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ALL MODELS

MODEL 260 CID 352 CID 390 CID

## ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	21°	22°	26°	
		Closes (°ABC)	51°	68°	64°	
		Duration - deg.	252°	270°		
	Exhaust	Opens (°BBC)	57°	68°	67°	
		Closes (°ATC)	15°	22°	23°	
		Duration - deg.	252°	270°		
Valve opening overlap		36°	44°	49°		
Intake	Material		SAE 1047 steel - aluminized			
	Overall length		4.860	5.446		
	Actual overall head dia.		1.582 - 1.597	2.022 - 2.037		
	Angle of seat & face		45°	45°		
	Seat insert material		None			
	Stem diameter		.3100 - .3107	.3711 - .3718		
	Stem to guide clearance		.0008 - .0025	.0010 - .0024		
	Lift (@ zero lash)		.380	.408		
	Outer spring press. and length	Valve closed (lb. @ in.)	60 @ 1.77	94 - 104 @ 1.82	74 - 84 @ 1.82	
		Valve open (lb. @ in.)	170 @ 1.38	180 - 198 @ 1.42	190 - 208 @ 1.42	
	Inner spring press. and length	Valve closed (lb. @ in.)	None			Damper
		Valve open (lb. @ in.)	None			
Exhaust	Material		Cast austenitic steel - aluminized head			
	Overall length		4.860	5.426		
	Actual overall head dia.		1.381 - 1.396	1.551 - 1.566		
	Angle of seat & face		45°			
	Seat insert material		None			
	Stem diameter		.3090 - .3097	.3693 - .3700		
	Stem to guide clearance		.0018 - .0035	.0028 - .0042		
	Lift (@ zero lash)		.380	.408		
	Outer spring press. and length	Valve closed (lb. @ in.)	60 @ 1.77	94 - 104 @ 1.82	78 - 84 @ 1.82	
		Valve open (lb. @ in.)	170 @ 1.38	180 - 198 @ 1.42	190 - 208 @ 1.42	
	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	Pressure
	Timing gear or chain	Splash
	Cylinder walls	Indexed Pressure Stream

(Continued)

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	ALL MODELS		
MODEL	260 CID	352 CID	390 CID

## ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotor		
Normal oil pressure (lb. @ engine rpm)	50-60 @ 2000	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		
Capacity of crankcase, less filter-refill (qt.)	Four	Five	
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 "Y" type (a)	Dual	
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	2.00 x .09 solid	
Tail pipe diameter (O.D. & wall thickness)	1.75 x .048 (b)	2.0 x .048 (c)	1.75 x .048

## ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., Induction system, other)	Standard	Induction System
	Optional	None
Control unit	Make and model	AC positive ventilation control valve
	Location	Rear of carburetor spacer
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum
	Control method (variable orifice, fixed orifice, other)	Variable orifice
Complete system	Discharges (to Intake manifold, carb. air Intake, air cleaner Intake, other)	Manifold riser via carburetor spacer
	Air inlet (breather cap, carburetor air cleaner, other)	Breather Cap
	Flame arrestor (screen, check valve, other)	Check Valve

- (a) Dual exhaust standard on model 76
- (b) 1.50 x .048 on dual exhaust
- (c) 1.75 x .048 on dual exhaust



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MODEL		ALL MODELS				
		260 CID	352 CID	390 CID		

## 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 (a)	
	Filler location	Rear - center of lower back panel (b)	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Lower left front corner of engine	
	Pressure range	4.5 - 5.5 psi	5 to 6 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
Choke type		Automatic	
Carburetor	Intake manifold heat control (exhaust or water)	Exhaust	Exhaust and water
	Air clnr. type	Dry replaceable paper element	
		None	

## CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
All	260	Manual	Ford	C30F-9510	1-2V	1.4375
		Automatic		C30F-9510		
All	352	Manual	Ford	C3AF-9510	1-2V	1.4375
		Automatic		C3AF-9510		
All	390	Manual	Ford	C2AF-9510	1-4V	1.5625
		Automatic		C2AF-9510		

(a) 21.0 gallons on model 71.  
 (b) LH rear quarter panel on model 71.

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		ALL MODELS					
MODEL	260 CID	352 CID	390 CID				

## ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure			
Radiator cap relief valve pressure		13 psi	12 to 15 lbs.		
Circulation thermostat	Type (choke, bypass)	Choke, poppet type			
	Starts to open at (°F)	185° - 192° F Fully open 212°			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM @ 1000 pump rpm	16	16.5		
	Number of pumps	One			
	Drive (V-belt, other)	V-Belt			
Bearing type		Double row, sealed ball			
By-pass recirculation type (internal, external)		External			
Radiator core type (cellular, tube and fin, other)		Down-flow, tube & corrugated fin	Cross-flow, tube and corrugated fin		
Cooling system capacity	With heater (qt.)	14.5	20.5		
	Without heater (qt.)	13.5	19.5		
	Opt. equipment-specify (qt.)	None			
Water jackets full length of cylinder (yes, no)		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	1.75	
	By-pass	Number and type (molded, straight)	One, molded	One, straight	
		Inside diameter	.62		
Fan	Number of blades & Spacing	4, 5 (a) uneven	6, uneven		
	Diameter	17.5"	18.5		
	Ratio-fan to crankshaft rev.	.95:1 1.05:1 (a)	.90:1	.97:1 (a)	1.25:1 (b)
	Fan cutout type	Thermo-viscous coupling (b)			
	Bearing type	Double row, sealed ball			
*Drive belts (indicate belt used by letter)	Fan	A	D	F	
	Generator	A	D	F	
	Water Pump	A	D	F	
	Power Steering	B	E	G	
	Air Conditioning	C			

* Drive Belt Dimensions	A	B	C	D	E	F	G
Angle of V	36°	36°	35°	36°	36°	36°	36°
Nominal length (SAE)	49.5	45.75	49.25	44.00	38.5	44.00	38.50
Width	.47	.50	.50	.47	.50	.47	.50

- (a) Extra cooling fan available for all models.
- (b) All models with air conditioning.

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MODEL		ALL MODELS				
		260 CID	352 CID	390 CID		

## ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Autolite				
	Voltage Rtg. & Total Plates	12 Volts - 54 Plates	12 Volts - 66 Plates	78 Plates	(a)	(b)
	SAE Designation & Amp Hr. Rtg	55	55	65	(a)	(b)
	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			
	Regulated	Voltage	14.6 - 15.4 @ 75° F			
		Current	28 - 32			
	Voltage test conditions	Temperature	75°			
		Load	5 Amperes			
		Other	-			

## ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Ford				
	Model	FAR-11001-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					

(a) Standard on all models using 352 or 390 CID engine with automatic transmission. (Continued)

(b) Optional on all models using 352 or 390 CID engine with manual transmission.

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MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (●)	12-10-62
		ALL MODELS					
MODEL	260 CID	352 CID	390 CID				

## ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Positive Engagement	Bendix Folo-Thru	
	Pinion meshes (front, rear)	Front	Rear	
	Number of teeth	Pinion	9	
		Flywheel	160	(●) Manual 146, Fordomatic 148, Cruise-O-Matic 153
Flywheel tooth face width		.355 - .375		

## ELECTRICAL—IGNITION SYSTEM MANUAL TRANSMISSIONS (a)

Coil	Make	Ford			
	Model	FAC-12029-A			
	Amps	Engine stopped	4.5		
Engine idling		2.5			
Distributor	Make	Ford			
	Model	C30F-12127-B	COAF-12127-E	C2AF-12127-A	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	$f-1^{\circ}$ @ 800	$f-1^{\circ}$ @ 400	$f-1^{\circ}$ @ 400
		Intermediate points deg. @ rpm	7 - $9^{\circ}$ @ 1200	$f-1^{\circ}$ @ 1200	$f-1^{\circ}$ @ 750 9.5-11.5 $^{\circ}$ @ 1080
		Max deg. @ rpm	21.5-24.5 $^{\circ}$ @ 4000	23-26 $^{\circ}$ @ 4000	21.5-24.5 $^{\circ}$ @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	$f-0^{\circ}$ @ 1.0"	0-2 $^{\circ}$ @ 5.0"	0-2 $^{\circ}$ @ 5"
		Intermediate points, deg @ in Hg	0-2 $^{\circ}$ @ 5" 0-6 $^{\circ}$ @ 7" 11-17 $^{\circ}$ @ 12"	2.5-8.5 $^{\circ}$ @ 7" 10-16 $^{\circ}$ @ 10" 18-24 $^{\circ}$ @ 15"	0-6 $^{\circ}$ @ 6" 7.5-14 $^{\circ}$ @ 10"
		Max. deg. in. Hg.	16-22 $^{\circ}$ @ 17"	19-25 $^{\circ}$ @ 20"	11-17 $^{\circ}$ @ 12.2"
		Breaker gap (in.)	.014 - .016		
	Cam angle (deg.)	26 - 28.5 $^{\circ}$			
Breaker arm tension (oz.)	17 - 20				
Timing	Crankshaft deg. @ rpm.	6 $^{\circ}$ @ 500 (b)	5 $^{\circ}$ @ 500 (c)	10 $^{\circ}$ @ 500 (d) (●)	
	Mark location	Indicator scale on front cover			
	Cylinder numbering system (see page 2)	Front to Rear R. Bank 1-2-3-4 L. Bank 5-6-7-8			
	Firing order (see page 2)	1-5-4-2-6-3-7-8			
Spark Plug	Make and model	Autolite BF-82	Autolite BF-42		
	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	Neoprene boot	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.
------------------	--

- (a) For Automatic Transmissions see page 11-A
- (b) Permissible range 2 $^{\circ}$  - 11 $^{\circ}$ .
- (c) Permissible range 2 $^{\circ}$  - 10 $^{\circ}$ .
- (d) Timing for 330 hp. 390 CID Interceptor engine. Permissible range 2 $^{\circ}$  - 15 $^{\circ}$ .

# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (a)	12-10-62
		ALL MODELS					
MODEL	260 CID	352 CID	390 CID				

## ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type						
	Pinion meshes (front, rear)						
	Number of teeth	Pinion	SEE PAGE 11				
		Flywheel					
Flywheel tooth face width							

## ELECTRICAL—IGNITION SYSTEM      AUTOMATIC TRANSMISSIONS (a)

Coil	Make	Ford					
	Model	FAC-12029-A					
	Amps	Engine stopped	4.5				
Engine idling		2.5					
Distributor	Make	Ford					
	Model	C3AF-12127-U	COAF-12127-D	C2AF-12127-A			
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	7-1° @ 850	7-1° @ 400	7-1° @ 400		
		Intermediate points deg. @ rpm	3.5 - 5.5° @ 1300	7-1° @ 650	7-1° @ 750		
		Max deg. @ rpm	16.5 - 19.5° @ 4000	8.8 - 11° @ 2000	9.5 - 11.5° @ 1080		
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	7-0° @ 1.0"	7-1° @ 1.0"	0 - 2° @ 5.0"		
		Intermediate points, deg @ in Hg	0 - 2° @ 6"	0 - 2° @ 5.2"	0 - 6° @ 6.5"		
		Max. deg. in. Hg.	4 - 10° @ 10"	2 - 8° @ 7"	7.5 - 14° @ 10"		
	Breaker gap (in.)		12 - 18° @ 15"		10 - 16° @ 10"		11 - 17° @ 12.2"
	Cam angle (deg.)		19 - 25° @ 20"				
Breaker arm tension (oz.)		.014 - .016					
		26 - 28.5°					
		17 - 20					
Timing	Crankshaft deg. @ rpm.	10° @ 500 (b)	8° @ 500 (c)	10° @ 500 (d)			
	Mark location	Indicator scale on front cover					
	Cylinder numbering system (see page 2)	Front to rear		R. Bank 1-2-3-4	L. Bank 5-6-7-8		
Firing order (see page 2)		1-5-4-2-6-3-7-8					
Spark Plug	Make and model	Autolite BF-82	Autolite BF-42				
	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	Neoprene boot	Hypalon boot				

## ELECTRICAL—SUPPRESSION

Locations & type	SEE PAGE 11
------------------	-------------

- (a) For Manual Transmission see Page 11.
- (b) Permissible range 2° - 15°.
- (c) Permissible range 2° - 13°.
- (d) Timing for 330 hp. 390 CID Interceptor engine. Permissible range 2° - 15°.

# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963
		DATE ISSUED	10-1-62
		REVISED (e)	
ALL MODELS			
MODEL	260 CID	352 CID	390 CID

## ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	King-Seeley
	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	None
	Location	Instrument Panel - Left 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 (Door lamp) (e) On steering column - P-R-N-D-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) Console - power windows master control switch (b) (e) Console - P-R-N-D1-D2-L
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) Optional on all models with automatic transmission except 63C, 65B, 75C, 76B and 71G-H
- (b) Optional
- (c) Standard on all models except 71B (Optional)
- (d) Optional two-speed (Washer included)
- (e) Models 63C, 65B, 75C, 76B and 71G-H.

# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (*)
	ALL MODELS					
MODEL	260 CID	352 CID	390 CID			

## ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.  
 Indicate accessories which are not standard equipment by an asterisk following the numbers.

Headlamps & arrangement	Two # 4001 (Inboard)	Two # 4002 (Outboard)	Horizontal
Headlamp beam indicator	One # 1895		
Parking	Two # 1157		
Tail	Two # 1157		
Stop	Two # 1157 Same as Tail Light		
Direction signal	Front	Two # 1157 Same as Parking Light	
	Rear	Two # 1157 Same as Stop Lights	
	Indicator	Two # 1895	
License plate	One # 1155		
Instrument	Four # 1895 for speedometer & gauges Two # 1895 for oil and gen.		
Ignition lock	None		
Back up	Two # 1156		
Dome	One # 1003		
Clock	One # 1895 (a)		
Radio	One # 1891 *		
Glove compartment	One # 1895 *		
Spot Light	One # 4405 *		
Parking Brake	One # 257 *		
Courtesy Light	One # 1003	One # 1155 (b)	
Heater Light	One # 1895		
P-R-N-D-L	One # 161		
Safety/Courtesy	Two # 1003 (c)		
Air Conditioning	One # 1895 *		

- (a) Optional on models 62B-E and 54B-E.
- (b) Model 76.
- (c) Standard on models 63C, 65B, 75C and 76B. Mounted in lower center front door trim panel.

MAKE OF CAR	FORD		MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (*)	
	62	54	63	65	75	76	71	
MODEL	260 CID		352 CID			390 CID		

## 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	Circuit Breaker (a)
Headlamp beam indicator	Circuit Breaker (a)
Parking lamp	3AG-15 (b)
Tail lamp	3AG-15 (b)
Stop lamp	3AG-15 (b)
Direction Indicator	SFE-14 (c)
License plate lamp	SFE-15 (b)
Instrument lamp	SFE-15 (b)
Ignition lamp	None
Back up lamp	SFE-14 (c)
Dome lamp	SFE-15 (b)
Clock	1AG-2
Clock lamp	SFE-15 (b)
Radio	SFE-7.5
Glove compartment lamp	SFE-14 (c)
Electric Wipers	12 C. B.
Heater Blower	SFE-14
Air Conditioner	3AF-15
Electric Seat	30 C. B.
Cigar Lighter	Circuit Breaker
Spotlight	SFE-7.5
Overdrive	3AG-15
Convertible Top	30 C. B.
Electric Windows	30 C. B. (Power Circuit) C. B. Each Front & Rear Windows
Windshield Washer Pump	SFE-14

## ELECTRICAL—LOCATION OF OUTSIDE LAMPS

		Height above ground to center of bulb		
		Lowest	Highest	
Distance from C/L of car to center of bulb	Tail	Lowest	26.0	27.3
		Highest	26.0	27.3
	Stop		26.0	27.3
	Backup		26.0	27.3
	License, rear		17.5	16.9
	Directional	Front	16.9	17.2
		Rear	26.0	27.3
	Headlamp	Inside	27.4	27.7
		Outside*	27.4	27.7
	Distance from C/L of car to center of bulb	Tail	Inside	33.0
Outside			33.0	
Stop			33.0	
Backup			33.0	
License, rear			Centerline	
Direction		Front	28.1	
		Rear	33.0	
Headlamp		Inside	24.6	
		Outside*	31.6	

\* If single headlamps are used enter here.



# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (e)
ALL MODELS						
MODEL	260 CID	352 CID	390 CID			

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Long Manufacturing - Semi-Centrifugal					
Type pressure plate springs	Coil					
Effective plate pressure (lb.)	1278	1575	1710			
No. of clutch driven discs	One					
Clutch facing	Material	Woven Asbestos				
	Outside & inside dia.	10.0 x 6.75	11.0 x 7.0			
	Total eff. area (sq.in.)	85.52	113.10			
	Thickness	.125				
	Engagement cushioning method	Torband Disc With Vibration Damper				
Release bearing	Type & method of lubrication	Ball Thrust Pre-Packed Sealed				
Torsional damping	Methods; springs, friction material	Steel Springs				

## DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-Spd. Synchronesh (Std.) (a) 4-Spd. Synchronesh (Opt.) (b)					
Manual with overdrive (std. or opt.)	Optional					
Automatic (std. or opt.)	Ford-O-Matic	2-Speed	Optional (c)			
	Cruise-O-Matic	3-Speed	Optional (d)			

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		Three Overdrive (e)		Three Overdrive (e)		Four (b)
Transmission ratios	In first	2.79:1	2.81:1	2.42:1	2.49:1	2.36:1
	In second	1.70:1	1.69:1	1.61:1	1.59:1	1.78:1
	In third	1.00:1	1.00:1	1.00:1	1.00:1	1.41:1
	In fourth	None	None	None	None	1.00:1
	In reverse	2.87:1	3.80:1	2.33:1	3.15:1	2.42:1
Synchronous meshing, specify gears		1st-2nd-3rd		1st-2nd-3rd		1st-2nd-3rd-4th
Shift lever location		Steering Column				Floor
Lubricant	Capacity (pt.)	3				
	Type recommended	Mild - Extreme Pressure				
	SAE viscosity number	Summer	SAE-80			
		Winter	SAE-80			
Extreme cold		SAE-80				

- (a) Standard on all models except 63C, 65B, 75C, 76B and 71H-G.
- (b) Optional with 352 or 390 CID engine.
- (c) Optional with 260 CID engine.
- (d) Standard on models 63C, 65B, 75C, 76B and 71H-G.
- (e) Synchronous meshing 2nd-3rd. See Page 16 for additional Overdrive information.

# AMA Specifications – Passenger Car

MAKE OF CAR <u>FORD</u>	MODEL YEAR <u>1963</u>	DATE ISSUED <u>10-1-62</u>	REVISED (a)
MODEL _____		ALL MODELS	
		260 CID	352 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 (Approx.)		
	Gear ratio		0.70:1	0.72:1	
	Lu- bri- cant	Capacity (pt.) (Overdrive only)		1.24	1.72
		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	Ford-O-Matic (a) (b)	
Type describe	Torque Converter with Planetary Gears	
Method of Selection (Lever, Push Button or other)	Lever	
Selector Pattern	P-R-N-D-L	
List gear ratios Selector Pattern and indicate which are used in each selector position	1.83:1 - Drive and Low 1.00:1 - Drive 1.72:1 - Reverse	
Max. upshift speeds—drive range	66 mph	
Max. kickdown speeds—drive range	61 mph	
Torque converter	Number of elements	Three
	Max. ratio at stall	2.14:1
	Type of cooling (air, water)	Water Cooled
Lubricant	Capacity—refill (pt.)	12
	Type recommended	Type "A" Trans. Fluid (M2C33-D)
Special transmission features	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	3.00x56.62x.065 (c)	3.00 x 56.42 x .065 (c)
		2.25 .095	2.25 .095
	Overdrive transmission	2.75 x 56.62 x .065	3.00 x 56.30 x .065
Automatic transmission	3.00x56.62x.065 (c)		
	2.25 .095		

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

(Continued)

(a) Cruise-O-Matic Specifications - Page 16A.

(b) Ford-O-Matic not available on models equipped with 352 or 390 CID engine.

(c) Rubber insert - tube in tube.

# AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1963 DATE ISSUED 10-1-62 REVISED (\*)

## SUPPLEMENTARY INFORMATION

MODEL	ALL MODELS		
	260 CID	352 CID	390 CID

**DRIVE UNITS - AUTOMATIC TRANSMISSION**

Trade Name	Cruise-O-Matic		
Type	Torque Converter with Planetary Gears		
Method of Selection	Lever		
Selector Pattern	P-R-N-D2-D1-L		
Gear Ratios Selector Pattern	2.40:1 - Drive & Low 1.47:1 - Drive 1.00:1 - Drive 2.00:1 - Reverse		
Max. upshift speeds-drive range	66 mph	69 mph	70 mph
Max. kickdown speeds-drive range	61 mph	64 mph	65 mph
Torque Converter Number of elements	Three		
Max. ratio at stall	2.05:1	2.1:1	
Type of cooling (air, water)	Water Cooled		
Lubricant Capacity - refill (pt.)	18	20	
Type recommended	Type "A" Trans. Fluid (M2C33-D)		
Special Transmission Features	Vacuum controlled throttle valve		

**DRIVE UNITS - PROPELLER SHAFT**

Outer diameter x length x wall thickness	2.75x56.62x.065	3.00x56.30x.065	
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# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (*)	12-3-62
		ALL MODELS.					
MODEL	260 CID	352 CID	390 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 trunnion, cross, other)	Cross	
	Bearing	Type (plain, anti-friction)	Anti-friction
Lubric. (fitting, prepack)		Prepacked	
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, banjo type, solid housing			
Limited Slip differential, type	Equa-lock, 4 Pinion, Friction disc (Optional)			
Drive Pinion Offset	2.25			
No. of differential pinions	Two	Four (b)		
Gear ratios (Std. equip.)	Manual transmission	3.50:1	3.50:1	
		3.89:1 (a)	3.89:1 (c)	
	Overdrive transmission	3.50:1	3.50:1	
Automatic transmission	3.89:1 (a)	3.89:1 (c)		
	3.25:1	3.00:1		
	3.50:1 (a)			
Ring gear O.D. (std. ratio)	8.75	9.0		
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	3.00	3.25	3.50	3.89	4.11
No. of teeth	Pinion	13	12	10	9
	Ring gear	39	39	35	37

- (a) Model 71.
- (b) Models with Cruise-O-Matic use two.
- (c) Model 71 with 330 hp. 390 CID Interceptor engine.

# AMA Specifications - Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963
		DATE ISSUED	10-1-62
		REVISED	12-3-62
ALL MODELS			
MODEL	260 CID	352 CID	390 CID

## DRIVE UNITS—WHEELS

Type & material		Stamped steel disc		
Rim (size and flange type)	Std.	14 x 5.5 J	14 x 6.0 JK (a)	15 x 5.5 K (b)
	Opt.	15 x 5.5 J		
Attachment	Type (bolt or stud)	Stud		
	Circle diameter	4.5		
	Number and size	5 - .50 - 20 Hex nuts		

## DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	7.5 x 14 - 4 PR (b), 8.00 x 14-4 PR (c)		
	Type - Nylon, etc.	Rayon Tubeless      Nylon Tubeless (e)		
Rev./mile at 50 mph.				
Inflation press.(cold)	Front	24 - 28		
	Rear	24 - 28		
Optional tires - size and ply		7.50 x 14 - 6 PR (d) (h)		
		8.00 x 14-4 PR (d)(b)		
		8.00 x 14-6 PR (e)(h)		
		6.70 x 15 - 4 PR (b) (g)	7.10 x 15 - 4 PR (e)(b)	

## 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.)		Bendix - Vacuum assist - integral		
Effective area (sq. in.)*		177.5	196.1 (a) (j)	198.1 (f) (j)
Gross lining area (sq. in.)**		212.7	234.0 (a) (j)	
Swept drum area (sq. in.)***		346.5	381.2 (a) (j)	
Percent brake effectiveness—front		58%		
Drum	Diameter	Front	11.03 x 2.5      11.03 x 3.0 (a)	
		Rear	11.03 x 2.5	
Type and material		Composite, pressed steel disc and cast iron drum		
Wheel cylinder bore	Front	1.094		
	Rear	.938		
Master cylinder bore		1.00		
Available pedal travel		7.20		
Line pressure at 100 lb. pedal load		720	920 (f)	
Shoe clearance adjustment		.010		

\* 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) 4 ply rating, 2 ply construction.
- (c) Standard on Model 71 and all models with 352 or 390 CID engine with air conditioning, and Model 76 with 390 CID engine.
- (d) Optional on all models except Model 71.
- (e) Optional.
- (f) Models with 330 hp. 390 CID Interceptor engine.
- (g) Optional on all except Model 71, 76 and models with air conditioning.
- (h) 6 ply rating, 4 ply construction.
- (i) Mechanical optional on models with 330 hp. 390 CID Interceptor engine.
- (j) Cerametalax brakes available.

# AMA Specifications—Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (e)
		ALL MODELS				
MODEL	260 CID	352 CID	390 CID			

## BRAKES—SERVICE (cont.)

Brake Lining	Bonded or riveted		Riveted				
	Front Shoe	Material		Molded Asbestos			
		Size (length x width x thickness)	Front wheel	9.35 x 2.50 x .195	9.35 x 3.0 x .205 (a)		
			Rear wheel	9.35 x 2.50 x .195	9.35 x 2.5 x .205 (a)		
		Segments per shoe		One			
	Rear Shoe	Material		Molded Asbestos			
		Size (length x width x thickness)	Front wheel	11.96 x 2.50 x .270	11.96 x 3.0 x .230 (a)		
			Rear wheel	11.96 x 2.50 x .215	11.96 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 four cross members. (b)
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## SUSPENSION—GENERAL (See Supplemental page 19 for details on Air Suspension)\*

Provision for car leveling	Stabilizer				
Provision for brake dip control	Anti-dive front suspension				
Provision for acc. squat control	Asymmetrical type rear spring mounting				
Special provisions for car jacking	None				
Shock absorber front & rear	Type	Direct acting			
	Make	Various			
	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.
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\* Air Suspension: Normal operating pressures (Continued)  
 Air spring type spring rates  
 Compressor data leveling data  
 type make  
 drive ratio  
 (a) Standard on model 71.  
 (b) Model 76 "X" member.

# AMA Specifications – Passenger Cars

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED	(*)1-2-63
		ALL MODELS					
MODEL	260 CID	352 CID	390 CID				

## SUSPENSION FRONT (cont.)

Spring	Type	Coil					
	Material	Steel SAE-9260-5160					
	Size (coil design height & I.D.; bar length x dia.)	10.45 x 4.03 (149.44 x .710) (161.84 x .722)(a)					
	Spring rate (lb. per in.)	400	380 (b)	370 (c)			
	Rate at wheel (lb. per in.)	97 (with tires)					
	Design load (lb. @ design height)	2225	2325 (c)	2425	2550 (d)		
Stabilizer	Type (link, linkless, frameless)	Link					
	Material & bar diameter	SAE-1090 - .69 Dia. Pass					

## STEERING

Mechanical (std., opt., NA)		Standard					
Power (std., opt., NA)		Optional					
Wheel diameter		16.0" (e)		17.0"			
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'					

Mechanical	Gear	Type	Recirculating Ball and Nut				
		Make	Ford				
		Ratios	Gear	22:1			
			Overall	30:1			
No. wheel turns		5.5 Lock to Lock					
Power	Type (coaxial, linkage, etc.)		Linkage Booster				
	Make		Bendix				
	Trade name		Ford Power Steering				
	Gear	Type	Recirculating Ball and Nut				
		Ratios	Gear	20:1			
			Overall	23:1			
	Pump driven by		Belt off Crankshaft Pulley				
	Number wheel turns		3.9 Lock to Lock				
Linkage	Type		Parallelogram				
	Location (front or rear of wheels, other)		Rear				
	Drag link (trans. or longit.)		Transverse				
	Tie rods (one or two)		Two				

- (a) Model 71 with 352 or 390 CID engine.
- (b) Model 76.
- (c) Model 71.
- (d) Model 76.
- (e) All models equipped with power steering except models with "push away wheel".

(Continued)

# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (*)
MODEL		ALL MODELS				
		260 CID	352 CID	390 CID		

## STEERING (cont)

Steering Axis	Inclination at camber (deg.)		6° 45' With ½° Camber (Curb Weight)
	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' (at curb)
	Camber (deg.)		± .25° to ± 1° 0' (at curb)
	Toe-in (outside tread-inches)		1/8 - 1/4 (at curb)
Steering spindle & joint type			Prelubricated - Ball Socket 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 Spring			
Spring	Type	Semi-Elliptic			
	Material	SAE-Spring Steel - 5160			
	Size (length x width, coil design height and I.D.; bar length & dia.)	60 x 2.50			
	Spring rate (lb. per in.)	Passenger	Convertible	Station Wagon	
	Rate at wheel (lb. per in.)	103		126	
	Design load (lb. at design height)	103 (with tires)		126 (with tires)	
		925 (a) (b)	955	1175 (c)	
	Mounting insulation type	Rubber Bushed Shackles			
	If leaf	No. of leaves	4 Tudor - 5 Fordor	5	6
		Inserts	Type and size		
Material					
Shackle (comp. or tens.)		Tension			
Stabilizer	Type (link, linkless, frameless)		None		
	Material		None		
Track bar type		None			

- (a) Model 54 and 75 (955 lbs.)
- (b) Heavy duty for models 62, 54, 63, 65, 75 and 76 (1015 lbs.) and 133 lb./in. rate.
- (c) Heavy duty for model 71 (1300 lbs.) and 154 lb./in. rate.



# AMA Specifications – Passenger Car

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MAKE OF CAR FORD MODEL YEAR 1963 DATE ISSUED 1-7-63 REVISED(\*)

## SUPPLEMENTARY INFORMATION

MODEL

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### CAR AND BODY DIMENSIONS

For pages 22 through 31 see FORD (6 Cylinder)  
AMA Specifications dated 10-15-62.

# AMA Specifications – Passenger Car

MAKE OF CAR	FORD	MODEL YEAR	1963	DATE ISSUED	10-1-62	REVISED (a)	
		62	54	63	65	75	76# 71
MODEL		260 CID		352 CID		390 CID	

## BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front					
	Rear doors	Front					
Type of finish (lacquer, enamel, other)		Enamel					
Hood hinge location (front, rear)		Rear					
Hood counterbalanced (yes, no)		Yes					
Hood release control (internal, external)		External					
Vehicle (Serial) No. Location		Left front door					
Engine No. Location		Front of 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	Formed wire and coil					
	Rear	Formed wire and coil					
Seat back type	Front	Formed wire and coil					
	Rear	Formed wire and coil					
Windshield type (single curved, compound curved, other)		Single curved					
Rear window type (flat, curved, one piece, three piece)		Flat, one piece      Curved, one piece (a)					
Side glass type (curved, flat)		Flat					
Side glass exposed surface area	1435	1428	1245	1501	1463	1127	2961
Windshield glass exposed surface area	1303	1303	1268	1303	1303	1268	1303
Backlight glass exposed surface area	992	992	1121	992	992	956	715
Total glass exposed surface area	3730	3723	3634	3796	3758	3351	4979

(a) Model 63

# AMA Specifications – Passenger Car

MAKE OF CAR FORD MODEL YEAR 1963 DATE ISSUED 10-1-62 REVISED (a)

## MAJOR OPTIONAL ITEMS - WEIGHTS

260 CID	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear			
				Front	Rear	Front	Rear		
Model									
Ford 300									
2-Door Sedan	62E	1905	1810	3715	53	47	20	80	3560
4-Door Sedan	54E	1943	1852	3795	53	47	20	80	3640
Galaxie									
2-Door Sedan	62B	1910	1825	3735	53	47	20	80	3580
4-Door Sedan	54B	1948	1867	3815	53	47	20	80	3660
Galaxie 500									
2-Door Sedan	62A	1915	1840	3755	53	47	20	80	3600
4-Door Sedan	54A	1953	1882	3835	53	47	20	80	3680
2-Door Hardtop	63B	1920	1850	3770	53	47	25	75	3615
2-Door Hardtop	65A	1920	1850	3770	53	47	20	80	3615
4-Door Hardtop	75A	1958	1892	3850	53	47	20	80	3695
2-Door Convertible	76A	2005	1920	3925	53	47	25	75	3770
Galaxie 500 XL #									
2-Door Hardtop	63C	1961	1864	3825	53	47	25	75	3670
2-Door Hardtop	65B	1961	1864	3825	53	47	20	80	3670
4-Door Hardtop	75C	1999	1906	3905	53	47	20	80	3750
2-Door Convertible	76B	2046	1929	3975	53	47	25	75	3820
Station Wagon									
4-Door Country Sedan	71B	1903	2242	4145	53	47	20	80	3985
4-Door Country Sedan	71C	1902	2258	4160	53	47	23	77	4000
4-Door Country Squire	71E	1908	2252	4160	53	47	20	80	4000
4-Door Country Squire	71A	1905	2265	4170	53	47	23	77	4010
4-Door Country Squire	71G	1920	2265	4185	53	47	23	77	4030
4-Door Country Squire	71H	1920	2280	4200	53	47	23	77	4040
Accessories & Equipment Differential Weights				Remarks					
352 CID 2V Engine	126	37	163	#66 engine + 224					
390 CID 4V Engine	135	67	202	Includes dual exhausts					
Overdrive	23	7	30	Optional with 260 CID engine. Delete option on 500 XL models.					
Overdrive	37	11	48	Optional with 352 or 390 CID engine. Delete option on 500 XL models.					
Manual 4-Speed *	16	7	23	Optional with 352 or 390 CID engine.					
Ford-O-Matic *	10	1	11	Optional with 260 CID engine.					
Cruise-O-Matic	36	9	45	Optional with 260 or 352 CID engine.					
Cruise-O-Matic	44	10	54	Optional with 390 CID engine.					
Air Conditioner	104	3	107	Requires oversize tires					
Radio and Antenna	5	2	7						
Power Brakes	9	1	10						
Power Steering	28	0	28						
Power Seat	17	18	35						
Power Windows	9	12	21						
Battery, Heavy Duty (65Amp)	12	0	12						
Luggage Rack	5	23	28	Optional on model 71.					
Steering Column, Movable	7	3	10	Optional on all models with power steering and automatic transmission.					

# Includes Cruise-O-Matic Transmission.

\* Delete option on 500 XL models and models 71G and 71H.