AMA Specifications—Passenger Car

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MANUFACTURER	CAR NAME	
FORD MOTOR COMPANY	FORD	
MAILING ADDRESS	MODEL YEAR	ISSUED: 10-1-65
P. O. BOX 2053 - DEARBORN, MICHIGAN 48121	1966	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.

Body Model	Passenger	Model Number
Custom		
2-Door Sedan	6	62E
4-Door Sedan	6	54E
Custom 500		
2-Door Sedan	6	62B
4-Door Sedan	6	54B
Galaxie 500		
4-Door Sedan	6	54A
2-Door Hardtop	6	63B (a)
4-Door Hardtop	6	57B
2-Door Convertible	6	76A (a)
Galaxie 500 XL		
2-Door Hardtop	5	63C
2-Door Convertible	5	76B
Ford LTD		
2-Door Hardtop	6	63F
4-Door Hardtop	6	57F
Galaxie 500 7-Litre		
2-Door Hardtop	5	63D
2-Door Convertible	5	76D
Station Wagon		
4-Door Ranch Wagon	6	71D
4-Door Country Sedan	6	71B
4-Door Country Sedan	8	71C
4-Door Country Squire	6	71E
4-Door Country Squire	8	71A

(a) Bucket Seats Optional

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GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	ALL MODELS				
Wheelbase (L101)			119.0				
Track	Front (W101)		62.0				
	Rear (W102)		62.0				
Maximum Overall Dimensions	Length (L103)		210.0				
	Width (W103)		79.0				
	Height (H101)		Sedans 55.6	Hardtops 54.7	Convertibles 54.8		Wagons 56.7
Transmission (Specify trade name - opt., not available)	Manual - 3 speed	15	Full Synchromesh - Standard				
	Manual - 4 speed	15	Full Synchromesh - Standard/Optional				
	Overdrive	15	Optional				
	Automatic	16	Cruise-O-Matic - Standard/Optional				
Axle ratio	Manual - 3 speed	17	3.00:1				
	Manual - 4 speed	17	3.25:1				
	Overdrive	17	3.50:1				
	Automatic	17	2.80:1, 3.00:1, 3.25:1				
Tire size		18	7.35 x 15	7.75 x 15	8.15 x 15		8.45 x 15
Engine	Type, no. cyl., valve arr.	3	OHV In Line, 6	OHV 90°V, 8			
	Fuel system (Carb., other)	10	Carburetor				
	Bore and stroke	3	4.00 x 3.18	4.00 x 2.87	4.00 x 3.50	4.05 x 3.78	4.13 x 3.98
	Piston displ., cu. in.	3	240	289	352	390	428
	Std. compression ratio	3	9.2:1	9.3:1	9.3:1	9.5:1 (a) 10.5:1	10.5:1
	Max. bhp at engine rpm	3	150 @ 4000	200 @ 4400	250 @ 4400	275@4400 (a) 315 @ 4600	360@5400 (b) 345 @ 4600
	Max. torque at rpm	3	234 @ 2200	282 @ 2400	352 @ 2800	405@2600 (a) 427 @ 2800	459@3200 (b) 462 @ 2800

(a) 390 2V regular fuel engine.
(b) 428 4V Interceptor engine.

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MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (a)

GENERAL SPECIFICATIONS—DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	SAE Ref. No.	SEDAN 4-Door 54	SEDAN 2-Door 62	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71
FRONT COMPARTMENT							
Shoulder room	W3	60.0					
Hip room	W5	62.6					
Max. eff. leg room - accelerator	L34	41.8					
Effective head room	H61	38.9		38.0		39.0	39.1
H Point to Heel point	H30	9.0					
REAR COMPARTMENT							
Shoulder room	W4	59.9	58.7		59.9	49.7	59.9
Hip room	W6	62.7	61.5	61.7	62.8	49.7	62.7
Minimum effective leg room	L51	37.7		33.4	36.4	33.3	36.9
Effective head room	H63	37.7		37.3	37.6	37.3	40.0
LUGGAGE COMPARTMENT							
Usable luggage capacity	V1	19.1				18.7	
Liftover height	H195	23.4					
Position of spare tire storage		On kick-up over rear axle - C/L of car					(a)
Method of holding lid open		Torsion bar hinge					
STATION WAGON—THIRD SEAT							
Hip room	W86	Not Applicable					
Effective leg room	L86	31.7					
Effective head room	H86	38.3					
Seat facing direction		Dual Facing Rear Seats					

STATION WAGON—CARGO SPACE

MODEL	SAE Ref. No.	
Minimum distance between wheel houses at floor level	W201	48.6
Rear end opening width at belt	W204	52.3
Floor length from back of front seat at floor level to inside of closed tail gate	L202	93.1
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	81.3
Maximum height - floor covering to headlining at centerline of rear axle	H201	32.4
Maximum height of rear opening - tail and lift gates open	H202	29.8
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	91.3

(a) Right rear quarter panel - inner.

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MODEL CID	ALL MODELS 240	289

ENGINE—GENERAL

Type, no. cyls., valve arr.		In line, 6, OHV	90°V, 8, OHV
Bore and stroke (nominal)		4.00 x 3.18	4.00 x 2.87
Piston displacement, cu. in.		240	289
Bore spacing (C/L to C/L)		4.48	4.38
No. system (front to rear)	L. Bank	None	5-6-7-8
	R. Bank	None	1-2-3-4
Firing order		1-5-3-6-2-4	1-5-4-2-6-3-7-8
Compres. ratio (nominal)		8.75:1 (9.2:1 Max.)	8.8:1 (9.3:1 Max.)
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 $\frac{Dia^2 \times No.Cyl.}{2.5}$		38.4	51.2
Publishing max. bhp* @ eng. RPM		135 @ 4000 (a) 150 @ 4000	200 @ 4400
Publishing max. torque* (lb. ft. @ RPM)		220 @ 2000 (a) 234 @ 2200	282 @ 2400
Recommended fuel regular - premium		Regular	
Idle speed(spec. neutral or drive)	Manual	500 - 525 (Neutral)	575 - 625 (Neutral)
	Automatic	500 - 525 (Drive)	475 - 525 (Drive)

ENGINE—PISTONS

Material			Aluminum Alloy with Steel Struts	
Description and finish			Autothermic, solid skirt, cam ground, tin plated	Autothermic, slipper skirt, cam ground, tin plated
Weight (piston only) oz.			21.2	21.4
Clearance (limits)	Top land		.0175 - .0213 Radial	.034 - .0416 Diametral
	Skirt	Top	.0019 - .0027 Diametral	.0014 - .0022 Diametral (b)
		Bottom	.0000 - .0007 Diametral	-
Ring groove depth	No. 1 ring		.215 - .222 Radial	
	No. 2 ring		.215 - .222 Radial	
	No. 3 ring		.184 - .191 Radial	
	No. 4 ring		None	

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) Taxi Economy Option.

(b) At centerline of pin hole.

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ALL MODELS

MODEL CID			352	390	428
ENGINE—GENERAL					
Type, no. cyls., valve arr.			90°V, 8, OHV		
Bore and stroke (nominal)			4.00 x 3.50	4.05 x 3.78	4.13 x 3.98
Piston displacement, cu. in.			352	390	428
Bore spacing (C/L to C/L)			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)			8.9:1 (9.3:1 Max.)	9.0:1 (9.5:1 Max.)(a)	9.7:1 (10.5:1 Max.)(e)
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 $\frac{Dia^2 \times No.Cyl.}{2.5}$			51.20	52.49	54.58
Publishing max. bhp* @ eng. RPM			250 @ 4400	275 @ 4400 (a) 315 @ 4600	360 @ 5400 (b) 345 @ 4600
Publishing max. torque* (lb. ft. @ RPM)			352 @ 2800	405 @ 2600 (a) 427 @ 2800	459 @ 3200 (b) 462 @ 2800
Recommended fuel regular - premium			Regular	Regular (a) Premium (e)	
Idle speed(spec. neutral or drive)	Manual		575 - 600 (Neutral)	600 - 625 (b)	
	Automatic		475 - 525 (Drive)	550 - 575 (b)	
ENGINE—PISTONS					
Material			Cast Aluminum Alloy with Steel Struts		
Description and finish			Autothermic, cast aluminum alloy with steel struts, slipper skirt, cam ground, and tin plated. (c)		
Weight (piston only) oz.			24.69	23.10	23.99
Clearance (limits)	Top land		.0182 - .0205	.0180 - .0218	
	Skirt	Top	.0020 - .0041	.0015 - .0023 (d)	
		Bottom	.0015 - .0021	-	
Ring groove depth	No. 1 ring		.1891 - .1962	.204 - .211	
	No. 2 ring		.1891 - .1962	.204 - .211	
	No. 3 ring		.1856 - .1927	.1855 - .1925	
	No. 4 ring		None		

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) 390 2V regular fuel engine.
(b) 428 4V Interceptor engine.
(c) 352 CID engine same except for solid skirt.
(d) At centerline of pin hole.
(e) 390 4V and 428.

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POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
62-54-63 57-76-71	240	1V	9.2	150@ 4000	234@ 2200	Manual 3-Speed Overdrive Cruise-O-Matic	3.00, 3.50 3.50 3.00, 3.50
62-54-63 57-76-71	289	2V	9.3	200@ 4400	282@ 2400	Manual 3-Speed Overdrive Cruise-O-Matic	3.00, 3.50 3.50 3.00, 3.50
62-54-63 57-76-71	352	4V	9.3	250@ 4400	352@ 2800	Cruise-O-Matic	3.00, 3.25
62-54-63 57-76-71	390	2V	9.5	275@ 4400	405@ 2600	Cruise-O-Matic	3.00, 3.25
62-54-63 57-76-71	390	4V	10.5	315@ 4600	427@ 2800	Manual 3-Speed Manual 4-Speed(b) Cruise-O-Matic	3.00, 3.25 (a), 3.50 3.25, 3.50 3.00, 2.80(c), 3.25, 3.00(d)
62-54-63 57-76-71	428	4V	10.5	345@ 4600	462@ 2800	Manual 4-Speed(b) Cruise-O-Matic	3.25, 3.50 2.80, 3.25 (e)
62-54-63 57-76-71	428	4V	10.5	360@ 5400	459@ 3200	Manual 4-Speed(b) Cruise-O-Matic	3.25, 3.50 2.80
62-54-63 57-76	427	4V	11.1	410@ 5600	476@ 3400	Manual 4-Speed	3.50
62-54-63 57-76	427	8V	11.1	425@ 6000	480@ 3700	Manual 4-Speed	3.50

(a) Standard on Model 71.
(b) Not available on Model 71.
(c) Standard and available on LTD models only.
(d) Optional on LTD models.
(e) Standard on 7-Litre models. Optional on other models.

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MODEL CID	ALL MODELS 240	289

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, coating, etc.	#1 Cast iron alloy, straight face, chrome plated. #2 Cast iron alloy, straight face, scraper groove, phosphate coating.
	Width	#1 .0781 - .0774 #2 .078 - .077
	Gap	.010 - .020
Oil	Description - material, coating, etc.	Multi-piece: Two rails and one spacer expander Rails - steel, chrome plated, oxide coated Spacer expander - blued steel
	Width	.187
	Gap	.015 - .055
Expanders		Integral part of oil ring assembly

ENGINE—PISTON PINS

Material			Alloy steel SAE 5015
Length			3.02
Diameter			.9121
Type	Locked in rod, in piston, floating, etc.		Press fit in rod
	Bushing	In rod or piston	None
		Material	-
Clearance	In piston		.0004 - .0002
	In rod		Press fit
Direction & amount offset in piston			Right .0625

ENGINE—CONNECTING RODS

Material		Forged steel SAE 1041	
Weight (oz.)		26.0	19.86
Length (center to center)		6.7947	5.155
Bearing	Material & Type	Unplated copper-lead alloy on steel back, replaceable inserts. Plated copper-lead alloy on steel back, replaceable inserts. (a)	
	Overall length	.795	.721
	Clearance (limits)	.0006 - .0022	.0008-.0026
	End play	.006 - .013	.010 - .020

(a) 289 CID engine.

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MODEL CID	ALL MODELS		
	352	390	428

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, coating, etc.	#1 Cast iron alloy, straight face, chrome plated, molybdenum filled groove (a) #2 Cast iron alloy, straight face, scraper groove, phosphate coated	
	Width	#1 & #2 .077 - .078	(a)
	Gap	.010 - .020	
Oil	Description - material, coating, etc.	Multi-piece: Two rails and one spacer expander Rails - steel, chrome plated, oxide coated Spacer expander - rustless steel (d)	
	Width	.1875	.125
	Gap	.015 - .055	
Expanders		Integral part of oil ring assembly	

ENGINE—PISTON PINS

Material		Alloy steel SAE 5015	
Length		3.160	3.170 (c)
Diameter		.9752	
Type	Locked in rod, in piston, floating, etc.	Full floating, tubular	
	Bushing: In rod or piston	In rod	
	Bushing: Material	Bronze	
Clearance	In piston	.0003 - .0001	
	In rod	.0003 - .0001	
Direction & amount offset in piston		Right .0625	

ENGINE—CONNECTING RODS

Material		Forged steel SAE 1041		
Weight (oz.)		26.35	27.10	
Length (center to center)		6.540	6.488	
Bearing	Material & Type	Plated copper-lead alloy on steel back, replaceable inserts (b)		
	Overall length	.741		
	Clearance (limits)	.0006 - .0023	.0007 - .0028	
	End play	.006 - .016	.014 - .020	.018 - .028 (c)

(a) 352 CID engine same except for tapered face.
(b) 352 CID engine same except for unplated copper-lead alloy.
(c) 428 CID Interceptor engine.
(d) 428 CID engine same except for blued steel.

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MODEL	CID	ALL MODELS 240	289

ENGINE—CRANKSHAFT

Material			Precision molded alloy cast iron	
Vibration damper type			Rubber floated	
End thrust taken by bearing (No.)			Five	Three
Crankshaft end play			.004 - .008	
Main bearing	Material & type		Steel backed babbitt, replaceable inserts	Plated copper-lead alloy on steel back, replaceable inserts
	Clearance		.0008 - .0024	.0005 - .0024
	Journal dia. and bearing overall length	No. 1	2.3986 x .965	2.2486 x .885
		No. 2	2.3986 x .965	2.2486 x .885
		No. 3	2.3986 x .965	2.2486 x 1.132
		No. 4	2.3986 x .965	2.2486 x .885
		No. 5	2.3986 x 1.194	2.2486 x .885
		No. 6	2.3986 x .965	-
		No. 7	2.3986 x .965	-
	Dir. & amt. cyl. offset		-	Right bank leads .84
Crankpin journal diameter			2.1232	

ENGINE—CAMSHAFT

Location			In block	
Material			Precision molded special alloy iron, induction hardened, phosphate coated	
Bearings	Material		SAE 15 lead base babbitt on SAE 1010 steel back	
	Number		Four	Five
Type of Drive	Gear or chain		Gear	Chain
	Crankshaft gear or sprocket material		Cast iron	Sintered iron or steel
	Camshaft gear or sprocket material		Phenolic with steel hub	Cast iron
	Timing chain	No. of links	-	58
		Width	-	.637
		Pitch	-	.375

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard	
Valve rotator, type (intake, exhaust)		None	
Rocker ratio		1.61:1	1.60:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero	
	Exhaust	Zero	
Timing marks on flywheel, damper, other		Crankshaft damper	

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MODEL	CID	ALL MODELS 352	390	428

ENGINE—CRANKSHAFT

Material			Precision molded alloy cast iron		
Vibration damper type			Tuned elastic suspended inertia member		
End thrust taken by bearing (No.)			Three		
Crankshaft end play			.004 - .008		
Main bearing	Material & type		Steel backed babbitt replaceable inserts	Plated copper-lead alloy on steel back replaceable inserts	
	Clearance		.0005 - .0021	.0005 - .0025	.0008 - .0012 (a)
	Journal dia. and bearing overall length	No. 1	2.7488 x .907		
		No. 2	2.7488 x .907		
		No. 3	2.7488 x 1.119		
		No. 4	2.7488 x .907		
		No. 5	2.7488 x .907		
		No. 6	-		
		No. 7	-		
	Dir. & amt. cyl. offset		None		
Crankpin journal diameter			2.4384		

ENGINE—CAMSHAFT

Location			In block ✓
Material			Precision molded special alloy iron
Bearings	Material		SAE 15 lead base babbitt on SAE 1010 steel back
	Number		Five
Type of Drive	Gear or chain		Chain
	Crankshaft gear or sprocket material		Sintered iron or steel
	Camshaft gear or sprocket material		Aluminum die cast body with molded nylon teeth
	Timing chain	No. of links	48
		Width	.86
		Pitch	.50

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard	Not Available (b)
Valve rotator, type (intake, exhaust)		Ford free-turn (intake & exhaust)	None (b)
Rocker ratio		1.73:1	1.76:1 (b)
Operating tappet clearance (indicate hot or cold)	Intake	Zero	.028 - .025 (b) (c)
	Exhaust	Zero	.028 - .025 (b) (c)
Timing marks on flywheel, damper, other		Crankshaft damper	

(a) 428 CID Interceptor engine No. 1 position.
(b) 428 CID Interceptor engine.
(c) Hot setting to be made after a minimum of thirty minutes @ 1200 RPM (no load).

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MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (•)

MODEL	CID	ALL MODELS 240	289

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	12	16
		Closes (°ABC)	62	70
		Duration-deg.	254	266
	Exhaust	Opens (°BBC)	60	52
		Closes (°ATC)	28	24
		Duration-deg.	268	256
	Valve opening overlap		40°	
Intake	Material		SAE 1047 steel - aluminized	
	Overall length		4.72	4.86
	Actual overall head dia.		1.787 - 1.772	1.788 - 1.773
	Angle of seat & face		45°	
	Seat insert material		None	
	Stem diameter		.3423 - .3416	
	Stem to guide clearance		.0010 - .0027	
	Lift (@ zero lash)		.376	.368
	Outer spring press. and length	Valve closed (lb. @ in.)	76 - 84 @ 1.70	71 - 79 @ 1.78
		Valve open (lb. @ in.)	180 - 200 @ 1.325	161 - 177 @ 1.39
	Inner spring press. and length	Valve closed (lb. @ in.)	None	
		Valve open (lb. @ in.)	None	
Exhaust	Material		Cast austenitic steel - aluminized	
	Overall length		4.72	4.86
	Actual overall head dia.		1.566 - 1.551	1.457 - 1.442
	Angle of seat & face		45°	
	Seat insert material		None	
	Stem diameter		.3423 - .3416	
	Stem to guide clearance		.0010 - .0027	
	Lift (@ zero lash)		.400	.380
	Outer spring press. and length	Valve closed (lb. @ in.)	76 - 84 @ 1.70	71 - 79 @ 1.78
		Valve open (lb. @ in.)	187 - 207 @ 1.30	161 - 177 @ 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	Pressure	
	Timing gear or chain	Pressure stream	Splash
	Cylinder walls	Pressure stream	

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ALL MODELS

MODEL CID			352	390	428
ENGINE—VALVE SYSTEM (cont.)					
Timing	Intake	Opens (°BTC)	22	16	40° 30' (a)
		Closes (°ABC)	68	60	85° 30'
		Duration - deg.	270	256	306°
	Exhaust	Opens (°BBC)	68	55	88° 30'
		Closes (°ATC)	22	21	37° 30'
		Duration - deg.	270	256	306°
	Valve opening overlap		44	37	78°
Intake	Material		Special alloy valve steel, aluminized head		
	Overall length		5.446		
	Actual overall head dia.		2.037 - 2.022		
	Angle of seat & face		45°		
	Seat insert material		None		
	Stem diameter		.3718 - .3711		
	Stem to guide clearance		.0024 - .0010		
	Lift (@ zero lash)		.408	.437	.516 (a)
	Outer spring press. and length	Valve closed (lb. @ in.)	94 - 104 @ 1.82	80 - 90 @ 1.82	
		Valve open (lb. @ in.)	180 - 198 @ 1.42	233 - 254 @ 1.38	255 - 280 @ 1.32 (a)
	Inner spring press. and length	Valve closed (lb. @ in.)	None		Damper only (a)
		Valve open (lb. @ in.)	None		Damper only (a)
Exhaust	Material		Cast austenitic steel - aluminized (a) (b)		
	Overall length		5.426		
	Actual overall head dia.		1.566 - 1.551		
	Angle of seat & face		45°		
	Seat insert material		None		
	Stem diameter		.3718 - .3711		
	Stem to guide clearance		.0024 - .0010		
	Lift (@ zero lash)		.408	.437	.516 (a)
	Outer spring press. and length	Valve closed (lb. @ in.)	94 - 104 @ 1.82	80 - 90 @ 1.82	
		Valve open (lb. @ in.)	180 - 198 @ 1.42	233 - 254 @ 1.38	255 - 280 @ 1.32 (a)
	Inner spring press. and length	Valve closed (lb. @ in.)	None		Damper only (a)
		Valve open (lb. @ in.)	None		Damper only (a)

ENGINE—LUBRICATION SYSTEM

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

(a) 428 CID Interceptor engine.

(Continued)

(b) 21-4N Forged steel, aluminum coated head, chrome plated stem, hardened top.

AMA Specifications—Passenger Car

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MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID	ALL MODELS 240	289

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotor
Normal oil pressure (lb. @ engine rpm)	50 - 60 PSI @ 2000 RPM
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.)	4 - 5 with filter
Oil grade recommended (SAE viscosity and temperature range)	90° F and above - SAE 30 or 20W-40 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 System	Single "Y" System
Muffler No. & type (reverse flow, straight thru, separate resonator)		Reverse Flow - No Resonator 21.7 L x 10.5 W x 4.06 H (c)	
Exhaust pipe dia. (O.D., wall thickness)	Branch	-	2.00 x .084 laminated
	Main	2.00 x .090 laminated	2.00 x .084 laminated
Tail pipe diameter (O.D. & wall thickness)		2.00 x .075 solid	2.00 x .075 solid

ENGINE— CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Induction system (open system)	
	Optional	Induction system (closed system) (b)	
Control Unit	Make and model	Ford Motor Company, A-C, Chicago Screw	
	Location	Rocker cover to intake manifold	
	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)	Intake Manifold	Intake Manifold via Carburetor Spacer
	Air inlet (breather cap, carburetor air cleaner, other)	Carburetor Air Cleaner (closed system) (a) (b) Breather Cap (open system)	
	Flame arrestor (screen, check valve, other)	Emission Valve	

(a) Optional emission system.
(b) As required by states.
(c) Station Wagon with 289 CID engine - muffler size 25.7 L x 10.5 W x 4.06 H.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID	ALL MODELS 352	390	428

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotor
Normal oil pressure (lb. @ engine rpm)	52 - 62 @ 2000 62 - 72 @ 2000 (a)
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.)	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)		Dual (f)	Single (b)	Dual (f)	Dual (f)
		Single "Y" System		Dual "H" System	
Muffler No. & type (reverse flow, straight thru, separate resonator)	Muffler	Reverse Flow-No Resonator		Reverse Flow-No Resonator (g)	
		25.7 L x 10.5 W x 4.06 H		25.7 L x 10.5 W x 4.06 H	
Exhaust pipe dia. (O.D., wall thickness)	Branch	2.00 x .084 laminated		2.00 x .084 laminated	
	Main	2.25 x .084 laminated		2.00 x .084 laminated	
Tail pipe diameter (O.D. & wall thickness)		2.25 x .075 solid		2.00 x .075 solid (c)	

ENGINE— CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)		Standard	Induction system (open system)
		Optional	Induction system (closed system) (d)
Control Unit	Make and model		Ford, AC, Chicago Screw
	Location		Valve rocker arm cover
	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)		Intake Manifold through "T" line
	Air inlet (breather cap, carburetor air cleaner, other)		Carburetor Air Cleaner (closed system) (d) (e) Breather Cap (open system)
	Flame arrestor (screen, check valve, other)		Emission Valve

(a) 428 CID Interceptor Engine.
(b) 390 CID 2V Regular fuel engine.
(c) 428 CID Police Interceptor pipe O. D. 2.25 x .075 solid.
(d) As required by states.
(e) Optional emission system.
(f) Single exhaust used on all Station Wagons.
(g) 7 Litre Series: Low Restriction Tuned Chamber Exhaust System - 4 Resonators (2 Main - 2 Secondary).

AMA Specifications—Passenger Car

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MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL ALL MODELS 240 CID

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection	
Air Injection Pump	Type		3-Vane Articulated	
	Displacement		19.3 Cubic Inch	
	Drive ratio		1.25:1	
	Drive type		V-Belt	
	Relief valve (type)		Poppet	
	Filter (describe)		Polyurethane Element (Replaceable Type)	
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Exhaust Ports in Cylinder Heads	
	Injection tube I.D.		.26	
	Check valve type		Poppet	
	Backfire protection (type)		Air By-Pass Valve or Anti-Backfire Valve	
Carburetor	Make		Holley - 3343	Holley - 3342
	Model		C6AF-9510-V	C6AF-9510-Y
	Barrel size		1.687	1.687
	Idle speed	Drive	-	500 RPM
		Neutral	600 RPM	-
Distributor	Aux. Adv. Systems (type)		Cent. - Vac.	Cent. - Vac.
	Make		Ford	Ford
	Model		C6AF-12127-AC	C6AF-12127-AD
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0° @ 1000 RPM	0° @ 700 RPM
		Intermed. points deg. @ rpm	10° @ 1400 24.5 @ 4000 RPM	9.5° @ 1200 24.5 @ 4000 RPM
		Max. deg.@rpm.	26° @ 4000 RPM	22° @ 4000 RPM
	Vacuum adv. in. crank degrees@ eng. rpm	Start (in Hg) Intermed. points deg.@ in. Hg Max. deg.@ in.	0° @ 1" 0 - 6 @ 6.5" 10 - 16 @ 9" 14 - 20 @ 11" 22° @ 12"	0° @ 1" 0 - 6 @ 6.0" 9.5 - 15.5 @ 10" 14 - 20 @ 13" 24° @ 16"
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			0° TDC @ 500 - 700 RPM	4° BTDC @ 450 - 650 RPM
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL ALL MODELS 289 CID

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection	
Air Injection Pump	Type		3-Vane Articulated	
	Displacement		19.3 Cubic Inch	
	Drive ratio		1.25:1	
	Drive type		V-Belt	
	Relief valve (type)		Poppet	
	Filter (describe)		Polyurethane Element (Replaceable Type)	
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Exhaust Ports in Cylinder Heads	
	Injection tube I.D.		.26	
	Check valve type		Poppet	
	Backfire protection (type)		Air By-Pass Valve or Anti-Backfire Valve	
Carburetor	Make		Ford - GPD	
	Model		C6AF-9510-Z	C6AF-9510-AA
	Barrel size		1.437	1.437
	Idle speed	Drive	-	550 RPM
		Neutral	610 RPM	-
Distributor	Aux. Adv. Systems (type)		Cent. - Vac.	Cent. - Vac.
	Make		Ford - GPD	Ford - GPD
	Model		C6AF-12127-AJ	C6AF-12127-AK
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0° @ 750 RPM	0° @ 800 RPM
		Intermed. points deg. @ rpm	16° @ 1800 RPM 26.5 @ 4000	17° @ 1700 RPM 26° @ 4000
		Max. deg.@rpm.	28° @ 4000 RPM	27.5 @ 4000 RPM
	Vacuum adv. in. crank degrees@ eng. rpm	Start (in Hg)	0° @ 1"	0° @ 1"
		Intermed. points deg.@ in. Hg	1 - 7 @ 6" 12.5 - 18.5° @ 10"	0 - 6° @ 6.5" 10 - 16° @ 10"
		Max. deg.@ in.	19 - 25° @ 14.5"	17 - 23 @ 14.5"
	Vacuum Source		Carburetor	Carburetor
Timing - Crank degrees @ rpm			0° TDC @ 450 - 700 RPM	0° TDC
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL

	AUTOMATIC TRANSMISSION	
	352 CID 4V	390 CID 2V

ENGINE—EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, other)			Air Injection	
Air Injection Pump	Type		3-Vane Articulated	
	Displacement		19.3 Cubic Inches	
	Drive ratio		1.25:1	
	Drive type		V-Belt	
	Relief valve (type)		Poppet	
	Filter (describe)		Polyurethane Element (Replaceable Type)	
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Exhaust Ports in Cylinder Heads	
	Injection tube I.D.		.26	
	Check valve type		Poppet	
	Backfire protection (type)		Anti-Backfire Valve	
Carburetor	Make		Ford - GPD	
	Model		C6AF-9510-AJ	C6MF-9510-D
	Barrel size		1.437	1.687
	Idle speed	Drive	525 - 550	525 - 550
		Neutral	-	-
Distributor	Aux. Adv. Systems (type)		Cent. - Vac.	Cent. - Vac.
	Make		Ford	Ford
	Model		C6AF-12127-L	C6AF-12127-T
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0 @ 850	0 @ 825
		Intermed. points deg. @ rpm	11° @ 1200 23° @ 4000	6.5° @ 1075 23° @ 4000
		Max. deg.@rpm.	24.5° @ 4000	24.5° @ 4000
	Vacuum adv. in. crank degrees @ eng. rpm	Start (in Hg) Intermed. points deg.@ in. Hg Max. deg.@ in.	0° @ 1" 0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15" 25° @ 19"	0° @ 1" 0 - 6° @ 7" 7 - 13° @ 10" 16.5 - 22.5° @ 17" 24° @ 20"
	Vacuum Source		Carburetor	Carburetor
Timing - Crank degrees @ rpm			6° BTC	6° BTC
Cooling System (describe changes)				
Exhaust System (describe changes)				

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MODEL ALL MODELS 390 CID 4V

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection	
Air Injection Pump	Type		3-Vane Articulated	
	Displacement		19.3 Cubic Inches	
	Drive ratio		1.25:1	
	Drive type		V-Belt	
	Relief valve (type)		Poppet	
	Filter (describe)		Polyurethane Element (Replaceable Type)	
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Exhaust Ports in Cylinder Heads	
	Injection tube I.D.		.26	
	Check valve type		Poppet	
	Backfire protection (type)		Anti-Backfire Valve	
Carburetor	Make		Ford - GPD	
	Model		C6AF-9510-AB	C6AF-9510-AC
	Barrel size		1.437	1.437
	Idle speed	Drive	-	525 - 550
		Neutral	610 - 635	-
Distributor	Aux. Adv. Systems (type)		Cent. - Vac.	Cent. - Vac.
	Make		Ford	Ford
	Model		C6AF-12127-L	C6AF-12127-L
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0° @ 850	0° @ 850
		Intermed. points deg. @ rpm	11° @ 1200 23° @ 4000	11° @ 1200 23° @ 4000
		Max. deg. @ rpm.	24.5° @ 4000	24.5° @ 4000
	Vacuum adv. in. crank degrees @ eng. rpm	Start (in Hg)	0° @ 1"	0° @ 1"
		Intermed. points deg. @ in. Hg	0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15"	0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15"
		Max. deg. @ in.	25° @ 19"	25° @ 19"
	Vacuum Source		Carburetor	Carburetor
Timing - Crank degrees @ rpm			6° BTC	6° BTC
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

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ALL MODELS 428 CID 4V

MODEL

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection	
Air Injection Pump	Type		3-Vane Articulated	
	Displacement		19.3 Cubic Inches	
	Drive ratio		1.25:1	
	Drive type		V-Belt	
	Relief valve (type)		Poppet	
	Filter (describe)		Polyurethane Element (Replaceable Type)	
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Exhaust Ports in Cylinder Heads	
	Injection tube I.D.		.26	
	Check valve type		Poppet	
	Backfire protection (type)		Anti-Backfire Valve	
Carburetor	Make		Ford - GPD	
	Model		C6AF-9510-AD	C6AF-9510-AE
	Barrel size		1.437	1.437
	Idle speed	Drive	-	525 - 550
		Neutral	610 - 635	-
Distributor	Aux. Adv. Systems (type)		Cent. - Vac.	Cent. - Vac.
	Make		Ford	Ford
	Model		C6AF-12127-L	C6AF-12127-L
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0° @ 850	0° @ 850
		Intermed. points deg. @ rpm	11° @ 1200 23° @ 4000	11° @ 1200 23° @ 4000
		Max. deg.@rpm.	24.5° @ 4000	24.5° @ 4000
	Vacuum adv. in. crank degrees@ eng. rpm	Start (in Hg)	0° @ 1"	0° @ 1"
		Intermed. points deg.@ in. Hg	0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15"	0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15"
		Max. deg.@ in.	25° @ 19"	25° @ 19"
	Vacuum Source		Carburetor	Carburetor
Timing - Crank degrees @ rpm			6° BTC	6° BTC
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL ALL MODELS 428 CID 4V INTERCEPTOR

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection	
Air Injection Pump	Type		3-Vane Articulated	
	Displacement		19.3 Cubic Inches	
	Drive ratio		1.25:1	
	Drive type		V-Belt	
	Relief valve (type)		Poppet	
	Filter (describe)		Polyurethane Element (Replaceable Type)	
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	
	Point of entry		Exhaust Ports in Cylinder Heads	
	Injection tube I.D.		.26	
	Check valve type		Poppet	
	Backfire protection (type)		Anti-Backfire Valve	
Carburetor	Make		Ford - GPD	
	Model		C6AF-9510-AF	C6AF-9510-AG
	Barrel size		1.562	1.562
	Idle speed	Drive	-	550 - 575
		Neutral	625 - 650	-
Distributor	Aux. Adv. Systems (type)		Cent. - Vac.	
	Make		Ford	
	Model		C6AF-12127-AH	
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0° @ 750	
		Intermed. points deg. @ rpm	7° @ 1200 19° @ 4000	
		Max. deg.@rpm.	20.5° @ 4000	
	Vacuum adv. in. crank degrees@ eng. rpm	Start (in Hg) Intermed. points deg.@ in. Hg Max. deg.@ in.	0° @ 1" 0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15" 25° @ 19"	
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			12° BTC	
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

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MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID	ALL MODELS 240	289	352	390	428

ENGINE—FUEL SYSTEM

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

Induction type: Carburetor, fuel injection, supercharger.			Carburetor
Fuel Tank	Refill capacity (gals.)		25 20 Station Wagon
	Filler location		Left rear quarter panel
Fuel Pump	Type (elec. or mech.)		Mechanical
	Locations		Left side of engine
	Pressure range		4.5 - 5.5 PSI | 5 - 6 PSI
Vacuum booster (std., optional, none)			None
Fuel Filter	Type		#1 & #2 Woven nylon and Monel cloth
	Locations		#1 In fuel line, front of fuel pump #2 In fuel tank
Carburetor	Choke type		Automatic
	Intake manifold heat control (exhaust or water)		Exhaust | Exhaust & Water
	Air cleaner type	Standard	Dry replaceable element
		Optional	None

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors Make	Carburetors Model	No. Used and Type	Barrel Size
All	240	All	Ford	C6AF	One, 1V	1.6875
All (a)	240	All	Ford	C6AF	One, 1V	1.437
All	289	All	Ford	C6AF	One, 2V	1.437
All	352	All	Ford	C6AF	One, 4V	1.562
All	390	All	Ford	C6MF	One, 2V	1.6875
All	390	All	Ford	C6AF	One, 4V	1.437
All	428	All	Ford	C6AF	One, 4V	1.437
All (b)	428	All	Ford	C6AF	One, 4V	1.562

(a) Taxi Economy.
(b) Interceptor.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID | ALL MODELS 289

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure
Radiator cap relief valve pressure		12 - 15 PSI
Circulation thermostat	Type (choke, bypass)	Poppet valve
	Starts to open at : (°F)	188° - 195° fully open 212° F
Water pump	Type (centrifugal, other)	Centrifugal
	GPM @ 1000 pump rpm	18
	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)		Downflow, tube and slit fin
Cooling system capacity	With heater (qt.)	15
	Without heater (qt.)	14
	Opt. equipment-specify (qt.)	15.6 with air conditioning or extra cooling
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
Radiator hose — Upper	Number and type (molded, straight)	One, molded
	Inside diameter	1.50
Radiator hose — By-pass	Number and type (molded, straight)	One, molded
	Inside diameter	.615

Code - Belt Arrangement		1 or 1 & 3	2 or 2 & 3	3 & 4	4
Fan	Number of blades & spacing	4 uneven	4 uneven	5 uneven	5 uneven
	Diameter X Width	17.5 x 2.0	17.5 x 2.0	18.0 x 2.25	18.0 x 2.25
	Ratio-fan to crankshaft rev.	1.04:1	1.04:1	1.13:1	1.13:1
	Fan cutout type	None			
	Bearing type	Double row, sealed ball			
*Drive belts (indicate belt used by letter)	Fan	A	A	C D	E
	Generator or alternator	A	A	C	E
	Water Pump	A	A	C D	E
	Power Steering	B	B	D	
	Air Conditioning			F	F
	Crankshaft	A B	A B	C D F	E F
	Idler			F	F

* Drive Belt Dimensions	A	B	C	D	E#	F	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°					
Nominal length (SAE)	40.25	45.50	44.25	49.75	44.25	55.00					
Width	15/32	1/2	15/32	15/32	15/32	1/2					

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

Dual Belts

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MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID | ALL MODELS 240

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure
Radiator cap relief valve pressure			12 - 15 PSI
Circulation thermostat	Type (choke, bypass)		Poppet valve
	Starts to open at (°F)		188° - 195° F fully open 212° F
Water pump	Type (centrifugal, other)		Centrifugal
	GPM @ 1000 pump rpm		13
	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 slit fin
Cooling system capacity	With heater (qt.)		13
	Without heater (qt.)		12
	Opt. equipment-specify (qt.)		13.6 with air conditioning or extra cooling
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
	Lower — Inside diameter		1.87 @ Water Pump 1.75 @ Radiator
	Upper — Number and type (molded, straight)		One, molded
	Upper — Inside diameter		1.50
	By-pass — Number and type (molded, straight)		None
	By-pass — Inside diameter		-

Code - Belt Arrangement	1 or 2 & 3	3 & 4	4
Fan — Number of blades & spacing	4 uneven	7 uneven	7 uneven
Fan — Diameter X Width	18.25 x 1.38	18.25 x 1.75	18.25 x 1.75
Fan — Ratio-fan to crankshaft rev.	.96:1	1.25:1	1.25:1
Fan — Fan cutout type	None	Thermo-modulated	
Fan — Bearing type	Double row, sealed ball		
*Drive belts (indicate belt used by letter) — Fan	A	E C	F
Generator or alternator	A	E	F
Water Pump	A	E C	F
Power Steering	B	C	
Air Conditioning		D	D
Crankshaft	A B	E C D	F D
Idler		D	D

* Drive Belt Dimensions	A	B	C	D	E	F#	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°					
Nominal length (SAE)	42.0	44.0	51.5	59.0	41.5	41.5					
Width	15/32	15/32	15/32	1/2	15/32	15/32					

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

Dual Belts

Form Rev. 4-65

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (•)

MODEL	CID	ALL MODELS 390	428

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure
Radiator cap relief valve pressure			12 - 15 PSI
Circulation thermostat	Type (choke, bypass)		Poppet valve
	Starts to open at (°F)		188° - 195° fully open 212°F
Water pump	Type (centrifugal, other)		Centrifugal
	GPM @ 1000 pump rpm		17
	Number of pumps		One
	Drive (V-belt, other)		V-belt
	Bearing type		Sealed, ball and roller bearing
By-pass recirculation type (internal, external)			External
Radiator core type (cellular, tube and fin, other)			Downflow, tube and slit fin
Cooling system capacity	With heater (qt.)		20.5
	Without heater (qt.)		19.5
	Opt. equipment-specify (qt.)		21.9 with air conditioning or extra cooling
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
	Lower — Inside diameter		1.75 @ radiator 2.07 @ water pump
	Upper — Number and type (molded, straight)		One, molded
	Upper — Inside diameter		1.50 @ radiator 1.75 @ outlet
	By-pass — Number and type (molded, straight)		One, straight
	By-pass — Inside diameter		.615

Code -	Belt Arrangement	1 or 1 & 3	2 or 2 & 3	3 & 4	4
Fan	Number of blades & spacing	4 Uneven	4 Uneven	7 Uneven	7 Uneven
	Diameter X Width	18.50 x 2.0	18.5 x 2.0	19.25 x 2.0	19.25 x 2.0
	Ratio-fan to crankshaft rev.	.94:1	.94:1	1.34:1	1.34:1
	Fan cutout type	None		Thermo-modulated	
	Bearing type	Sealed, ball and roller bearing			
*Drive belts (indicate belt used by letter)	Fan	A	A	C D	F
	Generator or alternator	A	A	C	F
	Water Pump	A	A	C D	F
	Power Steering	B	B	D	
	Air Conditioning			E	E
	Crankshaft	A B	A B	C D E	F E
	Idler			E	E

* Drive Belt Dimensions	A	B	C	D	E	F#	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°					
Nominal length (SAE)	44.50	46.00	41.25	53.50	59.50	41.25					
Width	15/32	1/2	15/32	15/32	1/2	15/32					

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

Form Rev. 4-65

AMA Specifications—Passenger Car

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MODEL	CID
	ALL MODELS
	352

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure		
Radiator cap relief valve pressure			12 - 15 PSI		
Circulation thermostat	Type (choke, bypass)		Poppet valve		
	Starts to open at (°F)		188° - 195° fully open 212°F		
Water pump	Type (centrifugal, other)		Centrifugal		
	GPM @ 1000 pump rpm		17		
	Number of pumps		One		
	Drive (V-belt, other)		V-belt		
	Bearing type		Sealed, ball and roller bearing		
By-pass recirculation type (internal, external)			External		
Radiator core type (cellular, tube and fin, other)			Downflow, tube and slit fin		
Cooling system capacity	With heater (qt.)		20.5		
	Without heater (qt.)		19.5		
	Opt. equipment-specify (qt.)		21.9 with air conditioning or extra cooling		
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 @ radiator 2.07 @ water pump		
	Upper	Number and type (molded, straight)	One, molded		
		Inside diameter	1.50 @ radiator 1.75 @ outlet		
	By-pass	Number and type (molded, straight)	One, straight		
		Inside diameter	.615		
Code -	Belt Arrangement		1 or 2 & 3	3 and 4	4
Fan	Number of blades & spacing		4 Uneven	7 Uneven	7 Uneven
	Diameter X Width		18.5 x 2.0	19.25 x 2.0	19.25 x 2.0
	Ratio-fan to crankshaft rev.		.94:1	1.34:1	1.34:1
	Fan cutout type		None	Thermo-modulated	
	Bearing type		Sealed, ball and roller bearing		
*Drive belts (indicate belt used by letter)	Fan		A	C D	F
	Generator or alternator		A	C	F
	Water Pump		A	C D	F
	Power Steering		B	D	
	Air Conditioning			E	E
	Crankshaft		A B	C D E	F E
	Idler			E	E

* Drive Belt Dimensions	A	B	C	D	E	F #	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°					
Nominal length (SAE)	44.50	46.00	41.25	53.50	59.50	41.25					
Width	15/32	1/2	15/32	15/32	1/2	15/32					

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

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MODEL CID | INTERCEPTOR 428

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure		
Radiator cap relief valve pressure			12 - 15 PSI		
Circulation thermostat	Type (choke, bypass)		Poppet valve		
	Starts to open at (°F)		188° - 195° - fully open 212°F		
Water pump	Type (centrifugal, other)		Centrifugal		
	GPM @ 1000 pump rpm		17		
	Number of pumps		One		
	Drive (V-belt, other)		V-belt		
	Bearing type		Sealed, ball and roller bearing		
By-pass recirculation type (internal, external)			External		
Radiator core type (cellular, tube and fin, other)			Downflow, tube and slit fin		
Cooling system capacity	With heater (qt.)		20.5		
	Without heater (qt.)		19.5		
	Opt. equipment-specify (qt.)		21.9 with air conditioning		
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 @ radiator 2.07 @ water pump		
	Upper	Number and type (molded, straight)	One, molded		
		Inside diameter	1.50 @ radiator 1.75 @ outlet		
	By-pass	Number and type (molded, straight)	One, straight		
		Inside diameter	.615		
Code -	Belt Arrangement		1 or 1 & 3	3 and 4	4
Fan	Number of blades & spacing		7 Uneven	7 Uneven	7 Uneven
	Diameter X Width		18.00 x 2.0	19.25 x 2.0	19.25 x 2.0
	Ratio-fan to crankshaft rev.		.97:1	1.25:1	1.25:1
	Fan cutout type		Thermo-modulated		
	Bearing type		Sealed, ball and roller bearing		
*Drive belts (indicate belt used by letter)	Fan		A	C D	F
	Generator or alternator		A	C	F
	Water Pump		A	C D	F
	Power Steering		B	D	
	Air Conditioning			E	E
	Crankshaft		A B	C D E	F E
	Idler			E	E

* Drive Belt Dimensions	A #	B	C	D	E	F #	G	H	I	J	K
Angle of V	36°	36°	36°	36°	36°	36°					
Nominal length (SAE)	43.75	44.50	41.75	53.50	57.50	41.75					
Width	15/32	1/2	15/32	15/32	1/2	15/32					

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

Form Rev. 4-65

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID | ALL MODELS 427

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure
Radiator cap relief valve pressure			12 - 15 PSI
Circulation thermostat	Type (choke, bypass)		Poppet Valve or Sleeve Valve
	Starts to open at (°F)		188° - 195° Fully Open 212° F
Water pump	Type (centrifugal, other)		Centrifugal
	GPM @ 1000 pump rpm		17
	Number of pumps		One
	Drive (V-belt, other)		V-Belt
	Bearing type		Sealed, ball and roller bearing
By-pass recirculation type (internal, external)			External
Radiator core type (cellular, tube and fin, other)			Downflow, tube and slit fin
Cooling system capacity	With heater (qt.)		20.5
	Without heater (qt.)		19.5
	Opt. equipment-specify (qt.)		None
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	2.07 @ Water Pump 1.75 @ Radiator
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.75 @ Outlet 1.50 @ Radiator
	By-pass	Number and type (molded, straight)	One, straight
		Inside diameter	.615
Fan	Number of blades & spacing		7 uneven
	Diameter X Width		18.0 x 2.0
	Ratio-fan to crankshaft rev.		.90:1
	Fan cutout type		Thermo-modulated
	Bearing type		Sealed, ball and roller bearing
*Drive belts (indicate belt used by letter)	Fan		A
	Generator or alternator		A
	Water Pump		A
	Power Steering		N.A.
	Air Conditioning		N.A.
	Crankshaft		A

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	36°										
Nominal length (SAE)	45.25										
Width	3/8										

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MODEL	CID	ALL MODELS 240	289

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model (10655)		Autolite C5AF-A C5AF-B (a) C5AF-C (b)	
	Voltage Rtg. & Total Plates		12 Volts 54 Plates	
	SAE Designation & Amp Hr. Rtg.		45	55 (a) (b) 70 (b)
	Location		Engine compartment right front	
	Terminal grounded		Negative	
Generator or Alternator	Make		Ford	
	Model (10300)		C6AF-A C6AF-G (a)	C6AF-F C6AF-B (d) C6AF-G (a)
	Type and rating		Self current limiting 42 Amp	55 Amp (a)
	Output at engine idle (neutral)		12 Amp	
	Ratio—Gen. to Cr/s rev.		2.4:1 2.64:1 (a)	2.5:1 2.64:1 (a)
Regulator	Make		Ford	
	Model		C5AF-10316-A C5TF-10316-A (a)	
	Type		Two unit, volt control and field relay	
	Cutout relay	Closing voltage @ generator rpm	2.5 - 4.0 @ 75° F	
		Reverse current to open	-	
	Regulated	Voltage	14.1 - 14.7 @ 75°F	
		Current	-	
	Voltage test conditions	Temperature	75°	
		Load	5 Amp	
		Other	-	

ELECTRICAL—STARTING SYSTEM

Starting motor	Make		Ford	
	Model		C5TF-11001-A	C6AF-11001-B C4OF-A (c)
	Rotation (drive end view)		Clockwise	
	Engine cranking speed		250 @ 80°F	180 @ 80°F
	Test conditions		80°F	
	No load test	Amps	70	
		Volts	12.0	
		RPM (min)	9500	8500 9500 (c)
Motor control	Switch (solenoid, manual)		Solenoid	
	Starting procedure			

(a) Optional, standard with Selectaire.
(b) Optional, standard on Police and Taxi.
(c) Automatic Transmission.
(d) Models with Selectaire and power steering - C6AF-F.

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

ALL MODELS

MODEL CID	352	390	428

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model (10655)	Autolite C5AF-A C5AF-B (a) (c)		C5VF-A
	Voltage Rtg. & Total Plates	12 Volts 54 Plates 66 Plates (a)(c)		12 Volts 78 Plates
	SAE Designation & Amp Hr. Rtg.	45 55 (a) (b)		80
	Location	Engine compartment right front		
	Terminal grounded	Negative		
Generator or Alternator	Make	Ford		
	Model (10300)	C6AF-A C6AF-G (b) C6AF-F (d) C6TF-E (e)		
	Type and rating	Self current limiting 42 Amp 55 Amp (b) (e)		
	Output at engine idle (neutral)	12 Amp 17 Amp (e)		
	Ratio—Gen. to Cr/s rev.	2.36:1 2.8:1 (b) (e)		
Regulator	Make	Ford		
	Model	C5AF-10316-A C5TF-10316-A (b)		
	Type	Two unit, volt control and field relay		
	Cutout relay — Closing voltage @ generator rpm	2.5 - 4.0 @ 75°F		
	Cutout relay — Reverse current to open	-		
	Regulated — Voltage	14.1 - 14.7 @ 75°F		
	Regulated — Current	-		
	Voltage test conditions — Temperature	75°		
	Voltage test conditions — Load	5 Amp		
	Voltage test conditions — Other	-		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Ford		
	Model	C5AF-11001-A C4OF-11001-A (a)		C6AF-11001-A
	Rotation (drive end view)	Clockwise		
	Engine cranking speed	180 @ 80°F		
	Test conditions	80°F		
	No load test — Amps	70		
	No load test — Volts	12		
	No load test — RPM (min)	9500		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure			

(a) Models with automatic transmission.
(b) Models with Selectaire.
(c) Optional all models.
(d) Models with Selectaire and power steering.
(e) Standard on 428 CID Interceptor engine. Optional on 428 CID 345 H.P. engine.

(Continued)

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MODEL	CID	ALL MODELS
		240

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type			Positive engagement
	Pinion meshes (front, rear)			Front
	Number of teeth	Pinion		9
		Flywheel	Manual	169
			Auto.	169
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

			Manual Transmission	Automatic Transmission
Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Ford	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Ford	
	Model		C6TF-12127-AC	C6AF-12127-Y
	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.)	0° @ 0.4" @ 1000	0° @ 0.4" @ 1000
		Intermediate points, deg. @ in. Hg.	P.T. W.O.T. 24.5°@6" 10° @ 1.2" 26° @ 7.1" 16° @ 2.1"	P.T. W.O.T. 25.5° @ 5.5" 9.5° @ .85" 26° @ 7.2" 17° @ 2.2"
		Max. deg. in. Hg.	28.0°@6.9" 23.5° @ 4.9"	27.5° @ 7.2" 25.5° @ 4.9"
	Breaker gap (in.)		.024 - .026	
	Cam angle (deg.)		35° - 38°	
	Breaker arm tension (oz.)		17 - 20	
Timing	Crankshaft deg. @ rpm.		6° @ 500	10° @ 500
	Mark location		Crankshaft damper	
Spark Plug	Make		Autolite	
	Model		BTF-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	

NOTE: For altitude operation and/or to obtain optimum engine performance and fuel economy, the initial timing may be advanced 5° over normal or just below engine detonation. If individual requirements of the car and/or substandard fuels dictate, the initial timing may be retarded, but not to exceed 2° BTDC from the recommended setting.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID | ALL MODELS 289

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type			Positive engagement
	Pinion meshes (front, rear)			Front
	Number of teeth	Pinion		9
		Flywheel	Manual	169
			Auto.	169
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

			Manual Transmission	Automatic Transmission
Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Ford	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Ford	
	Model		C5AF-12127-M	C5AF-12127-N
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0° @ 1000	0° @ 750
		Intermediate points deg. @ rpm.	15° @ 1800 25° @ 4000	14° @ 1300 22.5° @ 4000
		Max. deg. @ rpm.	27.5° @ 4000	24.0° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	0° @ 1"	0° @ 1"
		Intermediate points, deg. @ in. Hg.	0 - 6° @ 7" 7 - 13° @ 10" 14.5 - 20.5° @ 15"	0 - 6° @ 7" 10 - 16° @ 10" 18 - 24° @ 14"
		Max. deg. in. Hg.	22° @ 17"	25° @ 16"
	Breaker gap (in.)		.014 - .016	
	Cam angle (deg.)		26 - 28.5	
	Breaker arm tension (oz.)		17 - 20	
Timing	Crankshaft deg. @ rpm.		6° @ 575	6° @ 475
	Mark location		Crankshaft damper	
Spark Plug	Make		Autolite	
	Model		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		Hypalon boot	

NOTE: For altitude operation and/or to obtain optimum engine performance and fuel economy, the initial timing may be advanced 5° over normal or just below engine detonation. If individual requirements of the car and/or substandard fuels dictate, the initial timing may be retarded, but not to exceed 2° BTDC from the recommended setting.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (*)

MODEL CID | ALL MODELS 390 4V

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type			Positive engagement
	Pinion meshes (front, rear)			Front
	Number of teeth	Pinion		9
		Flywheel	Manual	184
			Auto.	184
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

			Manual Transmission	Automatic Transmission
Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Ford	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Ford	
	Model		C6AF-12127-C	C6AF-12127-D
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0° @ 700	0° @ 700
		Intermediate points deg. @ rpm.	9° @ 1350 19° @ 4000	8.5° @ 1050 18.5° @ 4000
		Max. deg. @ rpm.	20.5° @ 4000	20.0° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	0° @ 1"	0° @ 1"
		Intermediate points, deg. @ in. Hg.	0 - 6° @ 7" 7 - 13° @ 10" 14 - 20° @ 15"	0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15"
		Max. deg. in. Hg.	12° @ 19"	25° @ 19"
	Breaker gap (in.)		.014 - .016	
	Cam angle (deg.)		26 - 28.5	
	Breaker arm tension (oz.)		17 - 20	
Timing	Crankshaft deg. @ rpm.		10°	
	Mark location		Crankshaft damper	
Spark Plug	Make		Autolite	
	Model		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		Hypalon boot	

NOTE: For altitude operation and/or to obtain optimum engine performance and fuel economy, the initial timing may be advanced 5° over normal or just below engine detonation. If individual requirements of the car and/or substandard fuels dictate, the initial timing may be retarded, but not to exceed 2° BTDC from the recommended setting.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1966 DATE ISSUED 10-1-65 REVISED (•)

MODEL CID	ALL MODELS	
	352	390 2V

ELECTRICAL--STARTING SYSTEM (cont.)

Motor Drive	Engagement type			Positive engagement
	Pinion meshes (front, rear)			Front
	Number of teeth	Pinion		9
		Flywheel	Manual	184
			Auto.	184
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

Automatic Transmission

Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Ford	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Ford	
	Model		C6AF-12127-BG	C6AF-12127-B
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0° @ 750	0° @ 1000
		Intermediate points deg. @ rpm.	7.0° @ 950 18° @ 4000	9.0° @ 1500 19.5° @ 4000
		Max. deg. @ rpm.	19.5° @ 4000	21° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	0° @ 1"	0° @ 1"
		Intermediate points, deg. @ in. Hg.	0 - 6° @ 6.5" 7.5 - 13.5° @ 10" 14 - 20° @ 15"	0 - 6° @ 7.5" 7.5 - 13.5° @ 10" 13.5 - 19.5° @ 14"
		Max. deg. in. Hg.	21° @ 17"	24° @ 19"
	Breaker gap (in.)		.014 - .016	
	Cam angle (deg.)		26 - 28.5	
	Breaker arm tension (oz.)		17 - 20	
Timing	Crankshaft deg. @ rpm.		10°	
	Mark location		Crankshaft damper	
Spark Plug	Make		Autolite	
	Model		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		Hypalon boot	

NOTE: For altitude operation and/or to obtain optimum engine performance and fuel economy, the initial timing may be advanced 5° over normal or just below engine detonation. If individual requirements of the car and/or substandard fuels dictate, the initial timing may be retarded, but not to exceed 2° BTDC from the recommended setting.

AMA Specifications—Passenger Car

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MODEL	CID	ALL MODELS 428

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type			Positive engagement
	Pinion meshes (front, rear)			Front
	Number of teeth	Pinion		9
		Flywheel	Manual	184
			Auto.	184
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

			Conventional Ignition	Transistor Ignition
Coil	Transistorized - Std., Opt., N.A.		Optional	
	Make		Ford	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	4.0 (Engine Cranking)
		Engine idling	2.5	5.0
Distributor	Make		Ford	
	Model		C6AF-12127-E (a)	C6SF-12127-B (c)
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0° @ 750	
		Intermediate points deg. @ rpm.	7° @ 1200 19° @ 4000	
		Max. deg. @ rpm.	20.5° @ 4000	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	0° @ 1"	
		Intermediate points, deg. @ in. Hg.	0 - 6° @ 9" 8 - 14° @ 12" 14 - 20° @ 15"	
		Max. deg. in. Hg.	25° @ 19"	
	Breaker gap (in.)		.014 - .016	
	Cam angle (deg.)		26 - 28.5	
	Breaker arm tension (oz.)		17 - 20	
Timing	Crankshaft deg. @ rpm.		10° 12° (b)	
	Mark location		Crankshaft damper	
Spark Plug	Make		Autolite	
	Model		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		Hypalon boot	

NOTE: For altitude operation and/or to obtain optimum engine performance and fuel economy, the initial timing may be advanced 5° over normal or just below engine detonation. If individual requirements of the car and/or substandard fuels dictate, the initial timing may be retarded, but not to exceed 2° BTDC from the recommended setting.

(a) Manual and Automatic Transmission.
(b) Interceptor Engine.
(c) Transistorized - Used with Automatic Transmission.

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MODEL CID	ALL MODELS				
	240	289	352	390	428

ELECTRICAL—SUPPRESSION

Locations & type	Hood - Ground Alternator - Condenser Front Wheels - Static Collectors Voltage Regulator - Condenser Distributor to Spark Plugs - Resistance Core Cable Ignition Coil to Distributor - Resistance Core Cable

ELECTRICAL—INSTRUMENTS AND EQUIPMENT

Speedometer	Make	Ford
	Trip odometer (yes, no)	No
Charge indicator—type		Warning Light
Temperature indicator—type		Warning Light (Cold & Hot) Electric Gage
Oil pressure indicator—type		Warning Light
Fuel indicator—type		Electric Gage
Other		Safety Convenience Panel Warning Lights: Low Fuel-Fasten Seat Belt - Dr. Lock - Dr. Ajar - Emergency Flasher
Windshield wiper	Make	Ford
	Type—Standard	Electric single speed
	Type—Optional	Electric two-speed
	Vacuum booster provision	None
	Washer provision	Electric Pump
Horn	Type	Air Electric
	Number used	Two
	Amp draw (each)	Six

DRIVE UNITS—CLUTCH (Manual Transmission) (c)

Make & type		Long Manufacturing Semi-centrifugal, single disc, dry plate				
Type pressure plate springs		Coil				
Total spring load (lb.)		1230	1269	(c)	1818	1944
No. of clutch driven discs		One				
Clutch facing	Material	Woven Asbestos				
	Outside & inside dia.	9.5 x 6.0	10 x 6.75	10.4 x 6.50 (a)	11 x 7 (b)	11.5 x 7
	Total eff. area (sq. in.)	85.2	85.5	103.7 (a)	113.1 (b)	131.0
	Thickness	.125				
	Engagement cushioning method	Torbend disc				
Release bearing	Type & method of lubrication	Ball thrust, prepack sealed				
Torsional damping	Methods: springs, friction material	Coil Springs				

(a) Optional HD with 289.
(b) Optional HD with 240. Pressure Plate Load 1497.
(c) Not Available with 352 CID engine.

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MODEL	ALL MODELS				
CID	240	289	352	390	428

DRIVE UNITS—TRANSMISSIONS

Manual 3-speed (std. or opt.)	Standard	NA	Std. (a)	NA
Manual 4-speed (std. or opt.)	NA		Opt. (a)	Standard
Manual with overdrive (std. or opt.)	Optional	NA		
Automatic (std. or opt.)	Optional (b)			

DRIVE UNITS— MANUAL TRANSMISSION

Number of forward speeds			3-Speed	Overdrive	3-Speed	4-Speed
Transmission ratios	In first		2.99:1	2.80:1	2.42:1	2.32:1
	In second		1.75:1	1.69:1	1.61:1	1.69:1
	In third		1.00:1	1.00:1	1.00:1	1.29:1
	In fourth		None	None	None	1.00:1
	In reverse		3.10:1	3.80:1	2.33:1	2.32:1
Synchronous meshing, specify gears			1-2-3	2-3	1-2-3	1-2-3-4
Shift lever location			Column			Floor
Lubricant	Capacity (pt.)		3.5	4.5		
	Type recommended		ESW-M2C83-A			
	SAE viscosity number	Summer	SAE 80			
		Winter	SAE 80			
		Extreme cold	SAE 80			

DRIVE UNITS— MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Type (planetary or other)		Planetary		
Manual lockout (yes, no)		Yes		
Downshift acelerator control (yes, no)		Yes		
Minimum cut-in speed		28 mph		
Gear ratio		0.70:1	Not Available	
Lubricant	Capacity (pt.) (Overdrive only)	1.2		
	Separate filler (yes, no)	Yes		
	Type recommended	ESW-M2C83-A		
	SAE viscosity number — Summer	SAE 80		
	Winter	SAE 80		
	Extreme cold	SAE 80		

(a) Not available on 390 2V engine.
(b) Standard XL and LTD series.

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MODEL CID	ALL MODELS 240	289

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		PRNDrive L Console (a) PRNDrive L Steering Column	
List gear ratios Selector Pattern and indicate which are used in each selector position		2.46:1 Drive & Low 1.46:1 Drive (Intermediate) 1.00:1 Drive 2.20:1 Reverse	
Max. upshift speeds—drive range		73	76
Max. kickdown speeds—drive range		70	70
Torque convertor	Number of elements	Three	
	Max. ratio at stall	2.1:1	
	Type of cooling (air, liquid)	Liquid	
Lubricant	Capacity—refill (pt.)	20 (approximate)	
	Type recommended	Transmission fluid M2C33-D	
Special transmission features		Park position - start in park or neutral position - low or intermediate driving range start up - can be locked in low or intermediate - vacuum controlled throttle valve.	

DRIVE UNITS—PROPELLER SHAFT

Number used		One
Type (exposed, torque tube)		Exposed
Outer diameter x length* x wall thickness	Manual 3-speed transmission	3.38 x 62.86 x .065
	Manual 4-speed transmission	Not Available
	Overdrive transmission	3.38 x 62.86 x .065
	Automatic transmission	3.38 x 62.44 x .065

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

(Continued)

(a) Ford XL and 7-Litre series.

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ALL MODELS

MODEL CID	352	390	428

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		PRNDrive L Console (a) PRNDrive L Steering Column		
List gear ratios Selector Pattern and indicate which are used in each selector position		2.40:1 Drive & Low 1.47:1 Drive (Intermediate) 1.00:1 Drive 2.00:1 Reverse		2.46:1 Drive & Low 1.46:1 Drive (Intermediate) 1.00:1 Drive 2.18:1 Reverse
Max. upshift speeds—drive range		76	78	79
Max. kickdown speeds—drive range		69	70	71
Torque convertor	Number of elements	Three		
	Max. ratio at stall	2.1:1		
	Type of cooling (air, liquid)	Liquid		
Lubricant	Capacity—refill (pt.)	23 (approximate)		27 (approximate)
	Type recommended	Transmission fluid M2C33-D		
Special transmission features		Park position - start in park or neutral position - low or intermediate driving range start up - can be locked in low or intermediate - vacuum controlled throttle valve.		

DRIVE UNITS—PROPELLER SHAFT

Number used		One		
Type (exposed, torque tube)		Exposed		
Outer diameter x length* x wall thickness	Manual 3-speed transmission	Not Available	3.38 x 58.78 x .065	Not Available
	Manual 4-speed transmission	Not Available	3.38 x 58.78 x .065	
	Overdrive transmission	Not Available		
	Automatic transmission	3.38 x 62.28 x .065	3.38 x 59.28 x .065	3.38 x 58.78 x .065

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

(Continued)

(a) Ford XL and 7-Litre series

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MODEL CID

			ALL MODELS				
			240	289	352	390	428

DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)		None		
	Lubrication (fitting, prepack)		None		
Universal joints	Make		Ford		
	Number used		Two		
	Type (ball and trunnion, cross, other)		1260 Size Cross	1310 Size Cross	1330 Size Cross
	Bearing	Type (plain, anti-friction)	Anti-Friction		
		Lubric. (fitting, prepack)	Prepack (ESA-M1C57-A)		
Drive taken through (torque tube or arms, springs)			Control Arms		
Torque taken through (torque tube or arms, springs)			Control Arms		

DRIVE UNITS—REAR AXLE

Description			Straddle mounted pinion, banjo type conventional solid housing	
Limited Slip differential, type			Equa-lock, friction disc, spring loaded	
Drive Pinion Offset			2.25	
No. of differential pinions			Two	
Ring gear O.D. (std. ratio)			8.75	9.0 (a) 9.375
Pinion adjustment (shim, other)			Shims	
Pinion bearing adj. (shim, other)			Collapsible spacer	Solid Spacer (b)
Wheel bearing type			Single row, double sealed ball bearings	
Lubricant	Capacity (pt.)		5	
	Type recommended		ESW-M2C50-A	ESW-M2C57-A
	SAE viscosity number	Summer	SAE 90	
		Winter	SAE 90	
		Extreme cold	SAE 80	

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio		2.80	3.00	3.25	3.50	4.11
No. of teeth	Pinion	15	13	12	10	9
	Ring gear	42	39	39	35	37

(a) All 390's except with manual transmission.
(b) All models with 9.375 ring gear.

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MODEL CID	ALL MODELS 240	289	352	390	428

DRIVE UNITS—WHEELS

Type & material			Stamped steel disc
Rim (size and flange type)	Std.		15 x 5JK 15 x 6JK (c) 15 x 5.5JK (a)
	Opt.		15 x 6JK
Attachment	Type (bolt or stud)		Stud
	Circle diameter		4.5
	Number and size		5 Hex Nuts, 1/2-20 UNF

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	7.35 x 15/4 (d) 7.75 x 15/4 (e) 8.15 x 15/4 (f) 8.45 x 15/4 (c)
	Type - Nylon, etc.	Rayon Polyester Nylon
Rev/mile at 50 mph.		785 768 752 740
Inflation press. (cold)	Front	26 28 (b) 20 (c) 27 (b) (c)
	Rear	26 31 (b) 28 (c) 31 (b) (c)
Optional tires - size and ply		7.35 x 15/4 8.45 x 15/4 7.75 x 15/4 8.15 x 15/4 8.15 x 15/8

BRAKES—SERVICE			DRUM BRAKES	DISC BRAKES
Type (duo-servo, disc, balanced, etc.)			Duo-servo	Disc (g)
Self adjusting (std., opt., N.A.)			Standard NA on Taxi	Standard
Hydraulic system type (single, dual, etc.)			Single	Single
Power brake make & type (remote, integral, etc.)			Midland-Ross, internal, vacuum assist. Bendix (c)	Bendix, dual diaphragm, internal, vacuum assist
Effective area (sq. in.) *			175.6 194.2 (h) 236.2 (i)	40.1 (g) 122.9 (j)
Gross lining area (sq. in.) **			203.8 225.2 (h) 236.2 (i)	40.1 (g) 136.5 (j)
Swept drum area (sq. in.) ***			330.2 365.0 (h) 382.8 (i)	234.5 (g)
Percent brake effectiveness—front			56 61 (i)	75
Drum or Rotor	Diameter	Front	11.03	11.87
		Rear	11.03	11.03
	Type and material		See note (k)	Cast Iron
	Rotor (vented or solid)		-	Vented
	No. pistons per caliper		-	Four
Wheel cylinder bore	Front		1.094	Caliper 1.9375
	Rear		.969	
Master cylinder bore			1.00 .875 Power Brake	
Available pedal travel			6.67 3.65 Power Brake	
Line pressure at 100 lb. pedal load			750 1100 Power Brake	
Shoe clearance adjustment			.024 .036 (i) .006 (g)	

* Excludes rivet holes, grooves, chamfers, etc.

(Continued)

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

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

(a) Models with disc brakes except Station Wagon.
(b) Full vehicle load.
(c) Station Wagon.
(d) All models with 240 & 289 engine.
(e) All models with 352, 390 & 428 engine.
(f) Standard and/or optional with AC.
(g) Front only.
(h) Station Wagon and Police.
(i) Taxi package.
(j) Disc front& Drum rear.
(k) Composite, pressed steel disc and C I drum ring - front & rear

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MODEL CID	ALL MODELS 240	289	352	390	428

BRAKES—SERVICE (cont.)

Brake lining	Drum or Disc			Drum	Disc
	Bonded or riveted			Riveted	Bonded
	Front Wheel	Material		Molded Asbestos	Molded Asbestos
		Size (length x width x thickness)	Prim. or outboard	9.35 x 3.00 x .234 (a) (b) 9.35 x 2.50 x .234	5.36 x 1.90 x .436
			Second. or inboard	12.12 x 3.00 x .309 (a) (b) 12.12 x 2.50 x .309	5.36 x 1.90 x .436
		Segments per shoe		One	One
	Rear Wheel	Material		Molded Asbestos	-
		Size (length x width x thickness)	Prim. or outboard	9.35 x 2.50 x .234 (b) 9.35 x 2.25 x .234	-
			Second. or inboard	12.12 x 2.50 x .309 (b) 12.12 x 2.25 x .254/.309 (a)	-
		Segments per shoe		One	-

BRAKES—PARKING

Type of control		Foot pedal with "pull" 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

Type and description (Separate frame, unitized frame, partially - unitized frame)	Separate Frame - Perimeter design consisting of front end assembly, rear end assembly, and four torque box assemblies connected by formed center side rails. The frame is of ladder-type construction with five reinforced crossmembers.

STEERING

Manual (std., opt., NA)				Standard
Power (std., opt., NA)				Optional
Adjustable steering wheel (tilt, swing, other)		Type and description		None
		(std., opt., NA)		NA
Wheel diameter		Manual		16.0
		Power		16.0
Turning diameter	Outside front	Wall to wall (l. & r.)		44.0'
		Curb to curb (l. & r.)		41.0'
	Inside rear	Wall to wall (l. & r.)		25.5'
		Curb to curb (l. & r.)		25.8'
Outside wheel angle with inside wheel at 20°				18° 6'
Manual	Gear	Type		Recirculating ball and nut (Lub ESW-M1C87-A)
		Make		Ford
		Ratios	Gear	24:1
			Overall	30.9:1
	No. wheel turns			5.75

(a) Station Wagon, Police and 428 engine.
(b) Taxi package (Bonded Brake).

(Continued)

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MODEL CID	ALL MODELS				
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STEERING (cont.)

Power	Type (coaxial, linkage, etc.)			Integral
	Make			Ford
	Gear	Type		(Lube M-2C33-D) Recirculating ball and nut with integral power unit
		Ratios	Gear	17:1
			Overall	21.9:1
	Pump driven by			Belt off crankshaft pulley
	Number wheel turns			4.0
Linkage	Type			Parallelogram with cross link and idler arm
	Location (front or rear of wheels, other)			Rear
	Drag link (trans. or longit.)			Transverse
	Tie rods (one or two)			2
Steering Axis	Inclination at camber (deg.)			7°
	Bearings (type)	Upper		Prelubricated ball joint spring loaded
		Lower		Prelubricated ball joint spring loaded
		Thrust		Teflon bearing in lower ball joint
Wheel Alignment (range at curb weight and preferred)	Caster (deg.)			1/2° to 1-1/2° (curb)
	Camber (deg.)			1° to 2° (curb)
	Toe-in (outside track inches)			.12 to .24 (curb)
Steering spindle & joint type				Prelubricated ball joint
Wheel spindle	Diameter	Inner bearing		1.25 I.D.
		Outer bearing		.75
	Thread size			3/4 - 16 NF 3
	Bearing type			Tapered roller

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MODEL CID	ALL MODELS				
	240	289	352	390	428

SUSPENSION—GENERAL

(See Supplemental page for details on Air Suspension)*

Provision for car leveling		Front stabilizer bar
Provision for brake dip control		Upper control arm mounting angle
Provision for acc. squat control		Rear suspension control arm geometry
Special provisions for car jacking		None
Shock absorber front & rear	Type	Direct, double acting hydraulic
	Make	Ford
	Piston dia.	1.0 1.1875
Other special features		Axial strut bar with rubber mounted compliance busing tuned to absorb high frequency vibration and provides controlled compliance to absorb both high and low impact forces.

SUSPENSION—FRONT

Type and description		Independent - SLA ball joint suspension with concentrically mounted shock absorbers in the coil spring and axial strut bar on the lower arm. Heavy duty suspension standard on Police and Taxi vehicles.
Spring	Type	Coil
	Material	SAE 9260/SAE 5160
	Size (coil design height & I.D.; bar length x dia.)	11.34 x 4.03 141.0 x .633
	Spring rate (lb. per in.)	240
	Rate at wheel (lb. per in.)	82 Less Tires
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	Steel Alloy (SAE 1090) .69 .81 (a) .84 (b)

SUSPENSION—REAR

Type and description			Three control arms and lateral track bar
Drive and torque taken through			Control arms
Spring	Type		Coil
	Material		Steel alloy
	Size (length x width, coil design height & I.D.; bar length & dia.		8.32 x 5.62 123 x .585
	Spring rate (lb. per in.)		120 175 (a)
	Rate at wheel (lb. per in.)		107 158 (a)
	Mounting insulation type		Rubber
	If leaf	No. of leaves	None
		Shackle (comp. or tens)	None
Stabilizer	Type (link, linkless, frameless)		None
	Material		None
Track bar type			Lateral, left rear frame rail to rear axle

(a) Station Wagon.
(b) Police and special handling package.

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MODEL	SEDAN 4-Door 54	SEDAN 2-Door 62	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel, other)		Acrylic Enamel
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle Indent. No. location		The official serial no. is stamped on a tab attached to the to right side (weld flange) of the dash panel in the engine compt
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	Urethane foam and spring construction
Seat back type	Front	Conventional (Bench Seat) Custom (Bucket Seat)
	Rear	Conventional (Bench Seat) Custom (Bucket Seat)
	3rd seat	Solid urethane foam pad
Windshield glass type (i.e., single curved - laminated plate)		Single curved, laminated plate
Side glass type (i.e., curved - tempered plate)		Curved, tempered sheet
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Single curved, tempered sheet, one piece Flat, tempered sheet, one piece (a) Vinyl backlite (c)

	SEDAN 4-Door 54	SEDAN 2-Door 62	HARDTOP 2-Door 63	HARDTOP 4-Door 57	CONV. 2-Door 76	WAGON 4-Door 71
Windshield glass exposed surface area	1500.0	1500.0	1480.0	1480.0	1480.0	1500.0
Side glass exposed surface area	1433.3	1458.1	1409.2	1311.3	1247.0	2832.3
Backlight glass exposed surface area	1025.9	1025.9	1322.7	762.9	732.0	804.0
Total glass exposed surface area	3959.2	3984.0	4211.9	3554.2	3459.0	5136.3

LAMP HEIGHT AND SPACING

				(a)
Height above ground to center of bulb	Headlamp	Highest *	30.6	31.0
		Lowest	24.0	24.4
	Tail	Highest	27.3	27.2
		Lowest	-	
Distance from C/L of car to center of bulb	Headlamp	Inside	20.5	
		Outside *	13.9	
	Tail	Inside	17.2	16.7
		Outside	-	
	Directional	Front	16.5	
		Rear	17.2	16.6

* If single headlamps are used enter here.

(a) Station Wagon.

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MODEL ALL MODELS

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, 6-way Bench Seat Optional, 6-way Bucket Seat (W/WO Reclining Seat Back)
Reclining front seat back		Optional, Passenger Seat (d)
Front seat headrest		Optional, Integral on reclining front passenger seat (d)
Radios (specify type as well as availability)		Optional Stereo Tape Player with Dual Front & Rear Speakers Optional Push Button Transistor AM or AM-FM
Rear seat speaker		Optional, Conventional, Reverberator, Single/Dual Speakers
Power Antenna		NA
Clock		Standard Optional (b)
Air Conditioner (specify type and availability)		Optional, Fresh Air
Speed warning device		NA
Speed control device		Optional
Ignition lock lamp		Standard
Back up lamp		Standard
Dome lamp		Standard
Glove compartment lamp		Standard Optional (b)
Prkg. brake signal lamp		Optional
Luggage compartment lamp		Optional
Underhood lamp		NA
Courtesy lamp		Standard
Map lamp		NA
Auto. trans. quad. lamp		Standard
Emergency flasher lamp		Standard
Cornering light lamp		NA

(a) Convertible and Station Wagon.
(b) Custom, Custom 500, Ranch Wagon and Country Sedan.
(c) Optional on Convertible.
(d) Galaxie 500 XL and 7 Litre Series.

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WEIGHTS

289 CID 2V Engine		CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT
					Pass. In Front		Pass. In Rear		
		Front	Rear	Total	Front	Rear	Front	Rear	
Custom									
2-Door Sedan	62E	1889	1636	3525	49	51	19	81	3377
4-Door Sedan	54E	1928	1697	3625	49	51	19	81	3477
Custom 500									
2-Door Sedan	62B	1897	1670	3567	49	51	19	81	3419
4-Door Sedan	54B	1926	1710	3636	49	51	19	81	3488
Galaxie 500									
4-Door Sedan	54A	1939	1709	3648	49	51	19	81	3500
2-Door Hardtop	63B	1923	1706	3629	49	51	22	78	3481
4-Door Hardtop	57B	1968	1750	3718	49	51	20	80	3570
2-Door Convertible	76A	2011	1814	3825	49	51	22	78	3677
Galaxie 500 XL #									
2-Door Hardtop	63C	2001	1763	3764	49	51	22	78	3616
2-Door Convertible	76B	2079	1830	3909	49	51	22	78	3761
Galaxie 500 LTD #									
2-Door Hardtop	63F	1969	1780	3749	49	51	22	78	3601
4-Door Hardtop	57F	1998	1799	3797	49	51	20	80	3649
Galaxie 500 7 Litre % #									
2-Door Hardtop	63D	2255	1807	4062	49	51	22	78	3914
2-Door Convertible	76D	2333	1874	4207	49	51	22	78	4059
Station Wagon									
4-Door Ranch Wagon	71D	1868	2243	4111	49	51	19	81	3963
4-Door Country Sedan	71B	1872	2254	4126	49	51	19	81	3978
4-Door Country Sedan	71C	1875	2292	4167	49	51	19	81	4019
4-Door Country Squire	71E	1879	2317	4196	49	51	19	81	4048
4-Door Country Squire	71A	1882	2328	4210	49	51	19	81	4062

Accessories & Equipment Differential Weights				Remarks
240 CID 1V Engine	- 39	- 5	- 44	
352 CID 4V Engine	205	25	230	
390 CID 2V Engine	203	6	209	
390 CID 4V Engine	210	25	235	
428 CID 4V Engine	217	27	244	
427 CID 4V Engine	246	26	272	
427 CID 8V Engine	266	26	292	
Cruise-O-Matic	7	10	17	Models with 240 CID Engine
Cruise-O-Matic	6	4	10	Models with 289 CID Engine
Cruise-O-Matic	9	6	15	Models with 352, 390 & 428 CID Engine
4-Spd. Manual Trans.	5	1	6	Models with 390 4V, 428 & 427 CID Engine
Overdrive	21	6	27	Models with 240 and 390 CID Engine
Overdrive	17	4	21	Models with 289 CID Engine
Air Conditioner	110	3	113	Not available with 427 CID Engine
Power Steering	35	0	35	Power Brakes: Front 14 Rear 2 Total 16
Power Windows	9	12	21	Power Seat: Front 11 Rear 9 Total 20
Power Disc Brakes	34	9	43	Station Wagons Front 31 Rear 4 Total 35
Bucket Seat Option	9	7	16	Galaxie 500 Model 63B and 76A
Tires 7.75 x 15 4 PR	4	7	11	
Tires 8.15 x 15 4 PR	9	14	23	8.45 x 15/4 Front 12 Rear 18 Total 30
Battery-Heavy Duty 70 Amp	17	- 2	15	

#Includes Cruise-O-Matic Transmission.
%Includes 428 CID Engine and Power Disc Brakes.

AMA Specifications—Passenger Car

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