AMA Specifications—Passenger Car

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown below. This uniform specification form was developed by the automobile manufacturing companies under the auspices of the Automobile Manufacturers Association.

MANUFACTURER	CAR NAME	
FORD MOTOR COMPANY	FORD	
MAILING ADDRESS	MODEL YEAR	ISSUED:
P. O. BOX 2053 - DEARBORN, MICHIGAN 48121	1967	REVISED (a)

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.

TABLE OF CONTENTS

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
4-Door Hardtop	6	57B
2-Door Convertible	5	76A
Galaxie 500 XL		
2-Door Hardtop	4	63C *
2-Door Convertible	4	76B *
Ford LTD		
2-Door Hardtop	6	63J
4-Door Hardtop	6	57F
4-Door Sedan	6	54C
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

* Bucket Seats

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (a)

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)		213.0			Wagons 213.9
	Width (W103)		79.0			
	Height (H101)		Sedans 55.7	Hardtops 54.7	Convertibles 54.8	Wagons 56.9
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, 3.10:1, 3.25:1, 3.36:1, 3.50:1			
	Manual - 4 speed	17	3.25:1, 3.50:1			
	Overdrive	17	3.25:1, 3.36:1			
	Automatic	17	2.75:1 2.80:1, 3.00:1, 3.25:1, 3.36:1			
Tire size		18	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	4.05 x 3.78	4.13 x 3.98
	Piston displ., cu. in.	3	240	289	390	428
	Std. compression ratio	3	9.2:1	9.3:1	9.5:1 (a) 10.5:1	10.5:1
	Max. bhp at engine rpm	3	135 @ 4000 (c) 150 @ 4000	200 @ 4400	270 @ 4400 (a) 315 @ 4600	360 @ 5400 (b) 345 @ 4600
	Max. torque at rpm	3	220 @ 2000 (c) 234 @ 2200	282 @ 2400	403 @ 2600 (a) 427 @ 2800	459 @ 3200 (b) 462 @ 2800

(a) 390 2V regular fuel engine.
(b) 428 4V Interceptor engine.
(c) 240 1V Taxi economy option.

AMA Specifications—Passenger Car

Page 2

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 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	39.0		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	37.8		37.4	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		(a)		(b)	(a)	(b)	(c)
Method of holding lid open		Torsion bar counterbalance hinge					
STATION WAGON—THIRD SEAT							
Hip room	W86	Not Applicable					
Effective leg room	L86	31.6					
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	81.4
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 (d) (e)

(a) Horizontal on kick-up over rear axle centerline of car.
(b) Horizontal on floor behind right rear wheelhouse.
(c) Vertical in right rear quarter panel compartment.
(d) Additional 11.7 cu. ft. for hidden compartment on Models 71B-D-E.
(e) Additional 7.6 cu. ft. for hidden compartment on Models 71A-C.

AMA Specifications—Passenger Car

Page 3

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (a)

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 $\frac{D{\cdot}a^2 \times No.Cyl.}{2.5}$		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	475 - 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	.0018 - .0026 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.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (e)

MODEL CID	ALL MODELS 390	428

ENGINE—GENERAL

Type, no. cyls., valve arr.		90°V, 8, OHV	
Bore and stroke (nominal)		4.05 x 3.78	4.13 x 3.98
Piston displacement, cu. in.		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)		9.0:1 (9.5:1 Max.) (a)	9.7:1 (10.5:1 Max.) (c)
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 $\frac{Dia^2 \times No.Cyl.}{2.5}$		52.49	54.58
Publishing max. bhp* @ eng. RPM		270 @ 4400 (a) 315 @ 4600	360 @ 5400 (b) 345 @ 4600
Publishing max. torque* (lb. ft. @ RPM)		403 @ 2600 (a) 427 @ 2800	459 @ 3200 (b) 462 @ 2800
Recommended fuel regular • premium		Regular (a) Premium (c)	
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.	
Weight (piston only) oz.			23.10	23.99
Clearance (limits)	Top land		.0360 - .0436 Diametral	
	Skirt	Top	.0015 - .0023 Diametral	
		Bottom	-	
Ring groove depth	No. 1 ring		.204 - .211	.205 - .212
	No. 2 ring		.204 - .211	.205 - .212
	No. 3 ring		.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) 390 4V and 428.
(d) At centerline of pin hole.

AMA Specifications—Passenger Car

Page 4

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (e)

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
62-54-63 57-76-71	240	1V	9.2	150 @ 4000	234 @ 2200	Manual 3-Speed Overdrive Cruise-O-Matic (Cruise-O-Matic)	3.10, 3.36 (3.00;* 3.25)* 3.36 (3.25)* 2.80, 3.36 (3.00;* 3.25)* (3.00;* 3.25)*
62-54-63 57-76-71	289	2V	9.3	200 @ 4400	282 @ 2400	Manual 3-Speed Overdrive Cruise-O-Matic (Cruise-O-Matic)	3.10, 3.36 (3.00;* 3.25)* 3.36 (3.25)* 2.80, 3.36 (3.00;* 3.25)* (3.00;* 3.25)*
62-54-63 57-76-71	390	2V	9.5	270 @ 4400	403 @ 2600	Manual 3-Speed Manual 3-Speed(b) Cruise-O-Matic (Cruise-O-Matic)	3.00, 3.25* 3.25;* 3.50 2.75, 3.00*(b), 3.25 2.75, 3.00*, 3.25
62-54-63 57-76-71	390	4V	10.5	315 @ 4600	427 @ 2800	Manual 3-Speed Manual 3-Speed(b) Manual 4-Speed(c) Cruise-O-Matic (Cruise-O-Matic)	3.00, 3.25, *3.50 3.25;* 3.50 3.25;* 3.50 2.75, 3.00*(b), 3.25 2.75, 3.00*, 3.25
62-54-63 57-76-71	428	4V	10.5	345 @ 4600	462 @ 2800	Manual 4-Speed(c) Cruise-O-Matic (Cruise-O-Matic)	3.25;* 3.50 2.80;* 3.25 2.80;* 3.25
62-54-63 57-76-71	428	4V	10.5	360 @ 5400	459 @ 3200	(Cruise-O-Matic)	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
Taxi	240	1V	9.2	135 @ 4000	220 @ 2000	Manual 3-Speed (Cruise-O-Matic)	3.00 3.00
Taxi	289	2V	9.3	200 @ 4400	282 @ 2400	Manual 3-Speed (Cruise-O-Matic)	3.00 3.00

NOTE: Heavy Duty Transmissions and Axles show in brackets ( ). Heavy Duty Axle standard on Model 71 and all models with 390 and 428 engines.

* Available with locking differential.

(b) Model 71.

(c) Not available on Model 71.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (a) _____

		ALL MODELS	
MODEL	CID	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 .0007 - .0020	Press fit .0008 - .0016
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.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (c).

MODEL	CID	ALL MODELS 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 #2 Cast iron alloy, straight face, scraper groove, phosphate coated
	Width	#1 & #2 .077 - .078
	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 (a)
	Width	.1875
	Gap	.015 - .055
Expanders		Integral part of oil ring assembly

ENGINE—PISTON PINS

Material			Alloy steel SAE 5015
Length			3.160 3.170 (b)
Diameter			.9752
Type	Locked in rod, in piston, floating, etc.		Full floating, tubular
	Bushing	In rod or piston	In rod
		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.)			27.10
Length (center to center)			6.488
Bearing	Material & Type		Plated copper-lead alloy on steel back, replaceable inserts
	Overall length		.741
	Clearance (limits)	.0007 - .00028	.0007 - .0028
	End play	.014 - .020	.014 - .020 .018 - .028 (b)

(a) 428 CID engine same except for blued steel.
(b) 428 CID Interceptor engine.

AMA Specifications—Passenger Car

Page 6

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (a) _____

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	Aluminum with nylon teeth
	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	

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (6)

MODEL	CID	ALL MODELS 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		Plated copper-lead alloy on steel back replaceable inserts
	Clearance		.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, inductioned hardened, phospate coated.
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
Valve rotator, type (intake, exhaust)		Ford free-turn (intake & exhaust) None (b)
Rocker ratio		1.73:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero
	Exhaust	Zero
Timing marks on flywheel, damper, other		Crankshaft damper

(a) 428 CID Interceptor engine No. 1 position.
(b) 428 CID Interceptor engine.

(Continued)

AMA Specifications—Passenger Car

Page 7

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (a) _____

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 - Aluminiz[illegible]d	
	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 @ 1.66
		Valve open (lb.@ in.)	180 - 200 @ 1.325	174 - 192 @ 1.27
	Inner spring press. and length	Valve closed (lb.@ in.)	None	
		Valve open (lb.@ in.)	None	
Exhaust	Material		Cast austenitic steel - aluminized head	
	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 @ 1.66
		Valve open (lb.@ in.)	187 - 207 @ 1.30	174 - 192 @ 1.27
	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	Splash	

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (*)

MODEL _____ CID

			ALL MODELS			
			4V	390	2V	428
ENGINE—VALVE SYSTEM (cont.)						
Timing	Intake	Opens (°BTC)	16	13	16	18 (a)
		Closes (°ABC)	60	63	60	72
		Duration-deg.	256	256	256	270
	Exhaust	Opens (°BBC)	55	63	55	82
		Closes (°ATC)	21	23	21	28
		Duration-deg	256	266	256	290
	Valve opening overlap		37	36	37	46
Intake	Material		Special alloy valve steel, aluminized head (c)			
	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)		.437	.427	.437	.480 (a)
	Outer spring press. and length	Valve closed (lb. @ in.)	85 - 95 @ 1.82		80 -90 @ 1.82 (a)	
		Valve open (lb. @ in.)	209 - 231 @ 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 (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)		.437			
	Outer spring press. and length	Valve closed (lb. @ in.)	80 - 90 @ 1.82	85 - 95 @ 1.82 (d)		
		Valve open (lb. @ in.)	209 - 231 @ 1.38 (d) 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. 428 Intercept

(c) 428 Interceptor - Silchrome #1 alloy steel, chrome plated stem, hardened top

(d) 390 CID 2V engine.

AMA Specifications—Passenger Car

Page 8

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (a)

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 [illegible] 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 4.06H.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED ALL MODELS REVISED (1)

MODEL CID	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 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 (b) Dual (f) Single "Y" System	Dual (f) Dual "H" System
Muffler No. & type (reverse flow, straight thru, separate resonator)		Reverse Flow-No Resonator 25.7 L x 10.5 W x 4.06 H	Reverse Flow-No Resonator 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 (g) Intake Manifold through Carburetor Spacer (b)	
	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) 390 CID 4V and 428 CID 4V engine.

AMA Specifications--Passenger Car

Page 9

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

MODEL ALL MODELS 240 CID

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection - Carburetor and Distributor Modifications	
Air Injection Pump	Type		3-Vane Articulated - Positive Displacement	
	Displacement		19.3 Cubic Inchs Per Revolution	
	Drive ratio		1.25:1	
	Drive type		V-Belt and Pulley	
	Relief valve (type)		Poppet - Pressure Sensitive	
	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 - Spring Loaded Plate	
	Backfire protection (type)		Air By-Pass Valve or Anti-Backfire Valve	
Carburetor	Make		Autolite	Autolite
	Model		C7AF-9510-AA	C7AF-9510-AB
	Barrel size		1.687	1.687
	Idle speed	Drive	-	500 RPM
		Neutral	600 RPM	-
Distributor	Aux. Adv Systems (type)		Centrifugal and Vacuum	
	Make		Autolite	
	Model		C6AF-12127-AC	C6AF-12127-AD
	Cent'fgal adv in crank degrees @ eng. rpm	Start (rpm)	0-2° @ 1000	0-2° @ 770
		Intermed points deg @ rpm	9-11°@ 1400 16.5-19.7° @ 2800	8.5-10.5° @ 1170 13.5-16.5° @ 2600
		Max deg.@rpm.	23-26° @ 4000	19-22° @ 4000
	Vacuum adv in. crank degrees@ eng. rpm	Start (in Hg) Intermed. points deg.@ in Hg Max. deg.@ in.	0-2° @ 5.4" 0-7.5° @ 6.5" 12-18.4° @ 10" 16-22° @ 12.2" 22° @ 12"	0-2.5° @ 4.8" 0-6° @ 6" 9.5-15.5° @ 10" 18-24° @ 16" 24° @ 16"
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			0° TDC	5° BTC (a) 11° BTC (b)
Cooling System (describe changes)				
Exhaust System (describe changes)				

(a) Regular Fuel
(b) Premium Fuel

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

MODEL ALL MODELS 289 CID

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection - Carburetor and Distributor Modification	
Air Injection Pump	Type		3-Vane Articulated - Positive Displacement	
	Displacement		19.3 Cubic Inchs Per Revolution	
	Drive ratio		1.25:1	
	Drive type		V-Belt and Pulley	
	Relief valve (type)		Poppet - Pressure Sensitive	
	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 - Spring Loaded Plate	
	Backfire protection (type)		Air By-Pass Valve or Anti-Backfire Valve	
Carburetor	Make		Autolite	
	Model		C7AF-9510-S	C7AF-9510-T
	Barrel size		1.437	1.437
	Idle speed	Drive	-	550 RPM
		Neutral	610 RPM	-
Distributor	Aux. Adv. Systems (type)		Centrifugal and Vacuum	
	Make		Autolite	
	Model		C70F-12127-D	C70F-12127-E
	Cent'fgal adv. in crank degrees @ eng. rpm	Start (rpm)	0-2° @ 800	0-2° @ 850
		Intermed. points deg @ rpm	15-17° @ 1800 20.5-23° @ 3000	16-18° @ 1700 20.8-23.2° @ 3000
		Max. deg @ rpm.	25-28° @ 4000	24.5-27.5° @ 4000
	Vacuum adv. in crank degrees @ eng. rpm	Start (in Hg)	0-2° @ 5"	0-2° @ 5.2"
		Intermed points deg @ in Hg	0-6° @ 5.8" 12.5-18.5° @ 10" 19-25° @ 14.5"	0-6.6° @ 6.4" 10-16° @ 10" 17-23° @ 15"
		Max. deg @ in.	25° @ 14.75"	23° @ 14.3"
	Vacuum Source		Carburetor	Carburetor
Timing - Crank degrees @ rpm			0° TDC	3° BTC (a) 8° BTC (b)
Cooling System (describe changes)				
Exhaust System (describe changes)				

(a) Regular Fuel
(b) Premium Fuel

AMA Specifications—Passenger Car

MAKE OF CAR FORD **MODEL YEAR** 1967 **DATE ISSUED** 9-15-66 **REVISED** (*)

MODEL

	ALL MODELS 390 CID 2V	
	Manual Transmission	Automatic Transmission

ENGINE—EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, other)			Air Injection - Carburetor and Distributor Modifications	
Air Injection Pump	Type		3-Vane Articulated - Positive Displacement	
	Displacement		19.3 Cubic Inches Per Revolution	
	Drive ratio		1.25:1	
	Drive type		V-Belt and Pull	
	Relief valve (type)		Poppet - Pressure Sensitive	
	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 - Spring Loaded Plate	
	Backfire protection (type)		Anti-Backfire Valve or Air-By Pass. Valve	
Carburetor	Make		Autolite	
	Model		C7AF-9510-Y	C7AF-9510-Z
	Barrel size		1.564	1.564
	Idle speed	Drive	-	525-550
		Neutral	610-635	-
Distributor	Aux Adv. Systems (type)		Centrigual and Vacuum	
	Make		Autolite	
	Model		C7AF-12127-Z	C7AF-12127-AA
	Cent'fgal adv. in crank degrees @ eng. rpm	Start (rpm)	0-2° @ 800	0-2° @ 950
		Intermed points deg. @ rpm	6.6-8.6° @ 1240 14-16.5° @ 2600	10.6-12.6° @ 1525 16-18.5° @ 2800
		Max deg.@rpm.	21.5-24.5° @ 4000	21-24° @ 4000
	Vacuum adv. in crank degrees @ eng. rpm	Start (in Hg) Intermed. points deg.@ in. Hg Max. deg.@ in.	0-2.5° @ 6" 0-7.2° @ 7.25" 10-16° @ 10" 17.8-23.5° @ 14" 19-25° @ 16"	0-2.8° @ 6.4" 0-6.5° @ 7.4" 13-19° @ 12" 17-23° @ 15"
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			6° BTC	6° BTC (a) 10° BTC (b)
Cooling System (describe changes)				
Exhaust System (describe changes)				

(a) Regular Fuel
(b) Premium Fuel

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (*)

ALL MODELS 390 CID 4V

MODEL

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air Injection, engine modifications, other)			Air Injection - Carburetor and Distributor Modifications	
Air Injection Pump	Type		3-Vane Articulated - Positive Displacement	
	Displacement		19.3 Cubic Inches - Per Revolution	
	Drive ratio		1.25:1	
	Drive type		V-Belt and Pulley	
	Relief valve (type)		Poppet - Pressure Sensitive	
	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 - Spring Loaded Plate	
	Backfire protection (type)		Anti-Backfire Valve or Air By-Pass Valve	
Carburetor	Make		Autolite	
	Model		C7AF-9510-AG	C7AH-9510-AH
	Barrel size		1.437	1.437
	Idle speed	Drive	-	525-550
		Neutral	610-635	-
Distributor	Aux. Adv. Systems (type)		Centrifugal and Vacuum	
	Make		Autolite	
	Model		C7ME-12127-H	
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0-2° @ 875	
		Intermed. points deg @ rpm	10-12° @ 1200 15-17.4° @ 2400	
		Max deg@rpm	21.5-24.5° @ 4000	
	Vacuum adv in crank degrees@ eng. rpm	Start (in Hg) Intermed. points deg @ in. Hg Max deg.@ in.	0-2.5° @ 6.75" 0-7° @ 8" 7-13° @ 10" 16-21.6° @ 15" 19-25° @ 18"	
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			6° BTC	6° BTC to 10° BTC
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (a)

MODEL ALL MODELS 428 CID 4V

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection - Carburetor and Distributor Modifications	
Air Injection Pump	Type		3-Vane Articulated - Positive Displacement	
	Displacement		19.3 Cubic Inches - Per Revolution	
	Drive ratio		1.25:1	
	Drive type		V-Belt and Pulley	
	Relief valve (type)		Poppet - Pressure Sensitive	
	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 - Spring Loaded Plate	
	Backfire protection (type)		Anti-Backfire Valve or Air By-Pass Valve	
Carburetor	Make		Autolite	
	Model		C7AF-9510-AG	C7AF-9510-AH
	Barrel size		1.437	1.437
	Idle speed	Drive	--	525-550
		Neutral	610-635	--
Distributor	Aux Adv Systems (type)		Centrifugal and Vacuum	
	Make		Autolite	
	Model		C7AF-12127-AC	
	Cent'fgal adv. in crank degrees @ eng. rpm.	Start (rpm)	0-2° @ 900	
		Intermed points deg @ rpm	11-13° @ 1300 16-18.5° @ 2600	
		Max. deg@rpm.	21.5-24.5° @ 4000	
	Vacuum adv in. crank degrees@ eng. rpm	Start (in Hg) Intermed. points deg @ in. Hg Max. deg.@ in.	0-2.8° @ 8" 0-8° @ 9.6" 14.2-20° @ 15" 19-25° @ 19.6" 25° @ 19"	
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			6° BTC	6° BTC to 10° BTC
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

MODEL ALL MODELS 428 CID 4V INTERCEPTOR

ENGINE—EXHAUST EMISSION CONTROL

			Manual Transmission	Automatic Transmission
Type (Air injection, engine modifications, other)			Air Injection - Carburetor and Distributor Modification	
Air Injection Pump	Type		3-Vane Articulated - Positive Displacement	
	Displacement		19.3 Cubic Inches Per Revolution	
	Drive ratio		1.25:1	
	Drive type		V-Belt and Pulley	
	Relief valve (type)		Poppet - Pressure Sensitive	
	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 - Spring Loaded Plate	
	Backfire protection (type)		Anti-Backfire Valve or Air By-Pass Valve	
Carburetor	Make		Autolite	
	Model		C7AF-9510-L	C7AF-9510-M
	Barrel size		1.562	1.562
	Idle speed	Drive	-	550-575
		Neutral	625-650	
Distributor	Aux Adv Systems (type)		Centrifugal and Vacuum	
	Make		Autolite	
	Model		C7AF-12127-AF	
	Cent'fgal adv in crank degrees @ eng. rpm.	Start (rpm)	0-2° @ 800	
		Intermed points deg. @ rpm	6-8° @ 1200 10.8-13.5° @ 2400	
		Max. deg @ rpm	17.5-20.5° @ 4000	
	Vacuum adv in crank degrees @ eng. rpm	Start (in Hg) intermed. points deg. @ in Hg Max. deg @ in.	0-2.8° @ 8" 0-8° @ 9.7" 14.2-20.2° @ 15" 19-25° @ 19.5" 25° @ 19"	
	Vacuum Source		Carburetor	
Timing - Crank degrees @ rpm			12° BTC	
Cooling System (describe changes)				
Exhaust System (describe changes)				

AMA Specifications—Passenger Car

Page 10

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

MODEL CID	ALL MODELS 240	289	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 & Monel cloth
	Locations		#1 In fuel line, front of carburetor #2 In fuel tank
Carburetor	Choke type		Automatic
	Intake manifold heat control (exhaust or water)		Exhaust
	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
(C/C Emission)				9510		
All	240	Man.	Autolite	C6AF-	One-1V	1.688
All	240	Auto.	Autolite	C6AF	One-1V	1.688
Economy (Taxi)	240	Man.	Autolite	C6AF	One-1V	1.437
Economy (Taxi)	240	Auto.	Autolite	C6AF	One-1V	1.437
All	289	Man.	Autolite	C7AF	One-2V	1.437
All	289	Auto.	Autolite	C7AF	One-2V	1.437
All	390	Man.	Autolite	C7AF	One-2V	1.564
All	390	Auto.	Autolite	C7AF	One-1V	1.687
All	390	Man.	Autolite	C7AF	One-4V	Pri. 1.437 Sec. 1.562
All	390	Auto.	Autolite	C7AF	One-4V	"
All	428	Man.	Autolite	C7AF	One-4V	"
All	428	Auto.	Autolite	C7AF	One-4V	"
Interceptor	428	Man.	Autolite	C7AF	One-4V	1.562 P.&S.
Interceptor	428	Auto.	Autolite	C7AF	One-4V	1.562 P.&S.
(Exh. Emission)						
All	240	Man.	Autolite	C7AF	One-1V	1.688
All	240	Auto.	Autolite	C7AF	One-1V	1.688
All	289	Man.	Autolite	C7AF	One-2V	1.437
All	289	Auto.	Autolite	C7AF	One-2V	1.437
All	390	Man.	Autolite	C7AF	One-2V	1.564
All	390	Auto.	Autolite	C7AF	One-2V	1.687
All	390	Man.	Autolite	C7AF	One-4V	Pri. 1.437 Sec. 1.562
All	390	Auto.	Autolite	C7AF	One-4V	"
All	428	Man.	Autolite	C7AF	One-4V	"
All	428	Auto.	Autolite	C7AF	One-4V	"
Interceptor	428	Man.	Autolite	C7AF	One-4V	1.562 P.&S.
Interceptor	428	Auto.	Autolite	C7AF	One-4V	1.562 P.&S.

AMA Specifications—Passenger Car

Page 11

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED ALL MODELS REVISED (8)

MODEL CID 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)		192° - 203°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
	Diameter X Width		18.25 x 1.38 / 18.25 x 1.75 / 18.25 x 1.75
	Ratio fan to crankshaft rev.		.96:1 / 1.25:1 / 1.25:1
	Fan cutout type		None / Thermo-modulated
	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

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED ALL MODELS REVISED (a)

MODEL CID 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)		192° - 203°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
	Lower — Inside diameter		1.75
	Upper — Number and type (molded, straight)		One, molded
	Upper — Inside diameter		1.50
	By-pass — Number and type (molded, straight)		One, molded
	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 / 5 uneven / 5 uneven
	Diameter X Width	17.0 x 1.75	17.0 x 1.75 / 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

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (8)

ALL MODELS

MODEL CID 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)		192° - 203°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 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.		.90:1	.90:1	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

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (*) _____

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 & 4	4
Fan	Number of blades & spacing		7 uneven	7 uneven	7 uneven
	Diameter X Width		19.25 x 2.0	19.25 x 2.0	19.25 x 2.0
	Ratio-fan to crankshaft rev.		1.06:1	1.34:1	1.34:1
	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

Page 12

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED ALL MODELS REVISED (a)

MODEL CID	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		Autolite	
	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		Autolite	
	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 1967 DATE ISSUED REVISED (a)

MODEL CID	ALL MODELS 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	Autolite		
	Model (10300)	C6AF-A C6AF-G (b)	C7AF-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	Autolite		
	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)

AMA Specifications—Passenger Car

Page 13

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

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	168
			Auto.	168
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

			Manual Transmission	Automatic Transmission
Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Autolite	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Autolite	
	Model		C6TF-12127-AC	C6AF-12127-Y
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm) W.O.T.	0-2° @ .55" @ 1100	0-2° @ .72" @ 1480
		Intermediate points deg. @ rpm.	13.5° @ 1.6 @ 2000 (Vacuum Advance) 19.8° @ 3.3" @ 3000	10° @ 2.1" @ 2400 (Vacuum Advance) 15.3° @ 3.6" @ 3200
		Max. deg. @ rpm.	23.5° @ 4.9" @ 4000	20° @ 4.8" @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.) P.T.	23° @ 5.5" @ 1200	21° @ 5.5" @ 1200
		Intermediate points, deg. @ in. Hg.	26.5° @ 6.9" @ 1800 25° @ 6.65" @ 2800	24° @ 7" @ 1800 22° @ 6.5" @ 2800
		Max. deg. in Hg.	26° @ 6" @ 3400	20.5° @ 5" @ 3200
	Breaker gap (in.)		.024 - .026	
	Cam angle (deg.)		35° - 38°	
	Breaker arm tension (oz.)		17 - 21	
Timing	Crankshaft deg. @ rpm.		6° @ 575	10° @ 500
	Mark location		Front Cover	
Spark Plug	Make		Autolite	
	Model		BTF-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 1967 DATE ISSUED 9-15-66 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	164
			Auto.	164
	Flywheel tooth face width		Manual	.365
			Auto.	.365

ELECTRICAL—IGNITION SYSTEM

			Manual Transmission	Automatic Transmission
Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Autolite	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Autolite	
	Model		C7OF-12127-A	C7AF-12127-AE
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm) W.O.T.	0-2° @ 1150	0-2° @ 750
		Intermediate points deg. @ rpm.	14-16° @ 1800 19.6-22.4° @ 3000	16-18° @ 1280 18.5-21° @ 2600
		Max. deg. @ rpm.	24.5-27.5° @ 4000	21-24° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg.) P.T.	0-2.3° @ 5.8"	0-2° @ 4.9"
		Intermediate points, deg. @ in. Hg.	0-5.8° @ 7" 7-13° @ 10" 14.6-20.6° @ 15"	0-6° @ 5.9" 14.5-20.5° @ 11"
		Max. deg. in. Hg.	16-22° @ 17"	19-25° @ 15"
	Breaker gap (in.)		.016-.018	
	Cam angle (deg.)		26 - 31	
	Breaker arm tension (oz.)		17 - 21	
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 1967 DATE ISSUED 9-15-66 REVISED (*)

MODEL CID | ALL MODELS 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

			Manual Transmission	Automatic Transmission
Coil	Transistorized - Std., Opt., N.A.		N.A.	
	Make		Autolite	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Autolite	
	Model		C7AF-12127-AD	C7AF-12127-Y
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0-2° @ 950	0-2° @ 1025
		Intermediate points deg. @ rpm.	3.5-5.5° @ 1300 9.5-12° @ 2550	8.2-10.2° @ 1525 15.3° @ 3000
		Max. deg. @ rpm.	19.5° @ 4000	18-21° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg (nominal)	Start (in. Hg.)	0-2.5° @ 6"	0-2.5° @ 6"
		Intermediate points, deg. @ in. Hg.	0-7.5° @ 7.3" 10-16° @ 10" 18-23.5° @ 14"	0-6.8° @ 7.25" 10-16° @ 10" 17.6-23.5° @ 14"
		Max. deg. in. Hg.	19-25° @ 16"	
	Breaker gap (in.)		.016-.018	
	Cam angle (deg.)		26 - 31	
	Breaker arm tension (oz.)		17 - 21	
Timing	Crankshaft deg. @ rpm.		10° @ 610	10° @ 525
	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 1967 DATE ISSUED 9-15-66 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		Autolite	
	Model		TAC-12029-A	
	Amps	Engine stopped	4.5	
		Engine idling	2.5	
Distributor	Make		Autolite	
	Model		C7AF-12127-E	C7MF-12127-G
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0-2° @ 960	0-2° @ 750
		Intermediate points deg. @ rpm.	8-10° @ 1360 12.75° @ 2400	7.4-9.40 @ 1160 12.75° @ 2400
		Max. deg. @ rpm.	20.5° @ 4000	17-20° @ 4000
	Vacuum adv. in crankshaft degrees @ in Hg. (nominal)	Start (in. Hg.)	0-2.5° @ 6"	0-2.5° @ 6.75"
		Intermediate points, deg. @ in. Hg.	0-8° @ 7.6" 12-18° @ 13" 18-24° @ 19.5"	0-7° @ 3" 17.5° @ 14"
		Max. deg. in. Hg.	24° @ 19"	19-25° @ 18"
	Breaker gap (in.)		.016-.018	
	Cam angle (deg.)		26 - 31	
	Breaker arm tension (oz.)		17 - 21	
Timing	Crankshaft deg. @ rpm.		10° @ 610	10° @ 525
	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 1967 DATE ISSUED 9-15-66 REVISED (a)

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

Manual and Automatic Transmission

Coil	Transistorized - Std., Opt., N.A.			N.A.
	Make			Autolite
	Model			FAC-12029-A
	Amps	Engine stopped		4.5
		Engine idling		2.5
Distributor	Make			Autolite
	Model			C7AF-12127-J — C7AF-12127-AF (b)
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)		0-2° @ 800
		Intermediate points deg. @ rpm.		6-8° @ 1200 12.5-15.3° @ 2800
		Max. deg. @ rpm.		17.5-20.5° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)		0-2.8° @ 8"
		Intermediate points, deg. @ in. Hg.		0-7.7° @ 9.6" 14.2-20.2° @ 15" 19-25° @ 19.5"
		Max. deg. in. Hg.		25° @ 19"
	Breaker gap (in.)			.016-.018 — .019-.021 (b)
	Cam angle (deg.)			26 - 31 — 30 - 33 (b)
	Breaker arm tension (oz.)			17 - 21 — 22 - 24 (b)
Timing	Crankshaft deg. @ rpm.			10° @ 610 525 (a) — 12° @ 625 (b) 550 (b) (a)
	Mark location			Crankshaft damper
Spark Plug	Make			Autolite
	Model			BF-42 — BF-32 (b)
	Thread (mm)			18
	Tightening torque (lb. ft.)			15 - 20
	Gap			.032 - .036 — .028 - .032 (b)
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) Automatic Transmission.
(b) Interceptor Engine.

AMA Specifications—Passenger Car

Page 14

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (a)

ALL MODELS

MODEL CID	240	289	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 Distrib. - 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 two speed
	Type—Optional	None
	Vacuum booster provision	None
	Washer provision	Electric Pump
Horn	Type	Air Electric
	Number used	Two
	Amp draw (each)	Six

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Long Manufacturing Semi-centrifugal, single disc, dry plate			
Type pressure plate springs		Coil			
Total spring load (lb.)		1230	1269	1818	1944
No. of clutch driven discs		One			
Clutch facing	Material	Woven Asbestos			
	Outside & inside dia.	9.5 x 6.0 (a)	10.4 x 6.50	11 x 7	11.5 x 7
	Total eff. area (sq. in.)	85.2 (a)	103.7	113.1	131.0
	Thickness	.125 (a)	.137	.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 clutch available with 240. Size 11 x 6.50 x .137 spring load 1497.

AMA Specifications—Passenger Car

Page 15

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (a)

MODEL CID	ALL MODELS 240	289	390	428

DRIVE UNITS—TRANSMISSIONS

Manual 3-speed (std. or opt.)	Standard			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(c)	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-B			
	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 accelerator 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.
(c) Not available with 428 4V engine.

AMA Specifications—Passenger Car

Page 16

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (a)

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		P R N D 2 1 - Console (a) P R N D 2 1 - Steering Column	
List gear ratios Selector Pattern and indicate which are used in each selector position		2.46:1 1 & D 1.46:1 2 & D 1.00:1 D (Drive) 2.20:1 R (Reverse)	(Optional H.D.) (b) 2.40:1 1 & D 1.47:1 2 & D 1.00:1 D (Drive) 2.00:1 R (Reverse)
Converter Diameter		12.0	12.0
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)	22 (approximate)
	Type recommended	Transmission fluid M2C33-D	
Special transmission features		Park position - start in park or neutral position - 1 or 2 driving range start up - can be locked 1st or 2nd - 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	3.375 x 63.10 x .065 3.375 x 62.86 x .065 (c)	
	Manual 4-speed transmission	Not Available	
	Overdrive transmission	3.375 x 63.10 x .065 3.375 x 62.86 x .065 (c)	
	Automatic transmission	3.375 x 62.91 x .065 3.375 x 62.44 x .065 (c) 3.375 x 59.54 x .065 (d)	

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

(a) Ford XL and models with optional bucket seats.
(b) Optional HD on models with 240 and 289 CID engine.
(c) With HD axle.
(d) With HD automatic transmission and axle.

AMA Specifications—Passenger Car

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (e)

MODEL CID	ALL MODELS 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		P R N D 2 1 - Console (a) P R N D 2 1 - Steering Column	
List gear ratios Selector Pattern and indicate which are used in each selector position		2.40:1 1 & D 1.47:1 2 & D 1.00:1 D (Drive) 2.00:1 R (Reverse)	(Optional HD) (c) 2.46:1 1 & D 1.46:1 2 & D 1.00:1 D (Drive) 2.18:1 R (Reverse)
Converter Diameter		12.0	12.0 (c) 12.3125 (b)
Max. upshift speeds—drive range		78	79
Max. kickdown speeds—drive range		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.)	22 (approximate)	26 (approximate)
	Type recommended	Tranamission fluid M2C33-D	
Special transmission features		Park position - start in park or neutral position - 1 or 2 driving range start up - can be locked in 1st or 2nd - 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	3.375 x 58.78 x .065	Not Available
	Manual 4-speed transmission	3.375 x 58.78 x .065	4.00 x 58.78 x .083 (d) (e)
	Overdrive transmission	Not Available	
	Automatic transmission	3.375 x 59.28 x .065 3.375 x 58.78 x .065 (d)	3.375 x 58.78 x .065 4.00 x 58.78 x .083 (d) (e)

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

(Continued)

(a) Bucket Seat Models.
(b) Models with 428 CID engine.
(c) Optional HD on models with 390 CID engine.
(d) With extra HD axle.
(e) With 428 CID Interceptor engine.

AMA Specifications—Passenger Car

Page 17

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (a)

MODEL CID	ALL MODELS 240	289	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	1330 Size Cross	
	Bearing: Type (plain, anti-friction)	Anti-Friction		
	Bearing: 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		Overhung pinion, cast center section, solid housing (a) Straddle mounted pinion, banjo type conventional solid housing			
Limited Slip differential, type		Equa-lock, friction disc, spring loaded (c)			
Drive Pinion Offset		2.25	1.50 (d)		
No. of differential pinions		Two			
Ring gear O.D. (std. ratio)		8.75	8.50 (d)	9.0 (e)	9.375
Pinion adjustment (shim, other)		Shims			
Pinion bearing adj. (shim, other)		Collapsible spacer	Solid Spacer (f)		
Wheel bearing type		Single row, double sealed ball bearings (g)			
Lubricant	Capacity (pt.)	5	4.5 (d)		
	Type recommended ESW	M2C28-BA	M2C57-A (h)	M2C57-A (e)	M2C105-A (f)
	SAE viscosity number: Summer	SAE 90			
	SAE viscosity number: Winter	SAE 90			
	SAE viscosity number: Extreme cold	SAE 80			

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio		2.80	3.00	3.10	3.25	3.36	3.50	2.75
No. of teeth	Pinion	15	13	10	12	11	10	15
	Ring gear	42	39	31	39	37	35	44

(a) Standard on all 240 and 289 models except station wagon and models with HD axle option.
(b) Standard all models except as noted (a) above.
(c) Not available with overhung pinion axle.
(d) With overhung pinion axle.
(e) All 390's except with manual transmission.
(f) All models with 9.375 ring gear.
(g) Single row, straight roller bearing on all models with overhung pinion axle.
(h) Service lubricant for HD axles. Service lubricant for overhung pinion axle use ESW-M2C50-A.

AMA Specifications—Passenger Car

Page 18

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (*)

MODEL CID	ALL MODELS 240	289	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 rating	7.75 x 15/4	8.15 x 15/4	8.45 x 15/4 (c) (f)
	Type - Nylon, etc.	Rayon	Polyester	Nylon
Rev/mile at 50 mph.		768	752	740
Inflation press. (cold)	Front	24 22 (c)		
	Rear	26 32 (c)		
Optional tires - size and ply rating		8.15 x 15/4 (205 x R15) "G70 x 15"		
		8.45 x 15/4 (215 x R15)		"Wide Oval" (Radial Ply)

BRAKES—SERVICE

			DRUM BRAKES	DISC BRAKES
Type (duo-servo, disc, balanced, etc.)			Duo-servo	Disc (g)
Self adjusting (std., opt., N.A.)			Standard (b)	Standard
Hydraulic system type (single, dual, etc.)			Dual Front and Rear System Separate	
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 58 (h) 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 .9375 (h)	.9375
Master cylinder bore			1.00 .9375 Power Brake	1.00
Available pedal travel			6.63 2.88 Power Brake	2.75
Line pressure at 100 lb. pedal load			775 1000 Power Brake	1325
Shoe clearance adjustment			.025	Not Applicable

* 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) Optional on Police and Taxi.
(c) Station Wagon.
(d) All sedans with 240 & 289 engine.
(e) All models - 390 & 428 engine.
(f) Standard and/or optional with AC.
(g) Front only.
(h) Station Wagon, 390,428, & Police.
(i) Taxi package.
(j) Disc front & Drum rear.
(k) Composite, pressed steel disc and C I drum ring - front & rear.

AMA Specifications—Passenger Car

Page 19

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (e)

MODEL CID | ALL MODELS: 240 | 289 | 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)			5.36 x 1.90 x .436
				9.35 x 2.50 x .234			
			Second or inboard	12.12 x 3.00 x .30, (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 (l)			
				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 (n)			-
		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.)		46.6'
		Curb to curb (l. & r.)		43.6'
	Inside rear	Wall to wall (l. & r.)		
		Curb to curb (l. & r.)		
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			5.18

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

(Continued)

AMA Specifications--Passenger Car

Page 20

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (e)

MODEL CID	ALL MODELS 240	289	390	428

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			3.67
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° 23'
	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° 0' ± 0° 30'
	Camber (deg.)			0° 30' ± 0° 30'
	Toe-in (outside track inches)			3/16 ± 1/16
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

AMA Specifications—Passenger Car

Page 21

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

MODEL CID | ALL MODELS: 240 | 289 | 390 | 428

SUSPENSION—GENERAL

(See Supplemental page for details on Air Suspension)*

Provision for car leveling (Optional)		Adj. Rear Air Spring - Auto. Rear Leveling System
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 [illegible]raulic
	Make	Autolite
	Piston dia.	1.0 1.1875 (c) (d) 1.375 (b)
Other special features		Axial strut bar with r[illegible]mounted compliance bushing 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 Taxi vehicles and extra heavy duty standard on police.
Spring (e)	Type	Coil
	Material	SAE 5160
	Size (coil design height & I.D.; bar length x dia.)	11.34 x 4.03 150.17 x .628
	Spring rate (lb. per in.)	240 300 (a) (c)
	Rate at wheel (lb. per in.)	90 Less Tires 125 Less Tires (a) (c)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	(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 (e)	Type		Coil
	Material		SAE-5160
	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.)		130 155(c) 185 (a) (g) 240 (a) 260 (a) (f)
	Rate at wheel (lb. per in.)		115 138(c) 164 (a) (g) 210 (a) 215 (a) (f)
	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.
(c) Heavy duty option.
(d) Taxi package.
(e) Base Vehicle.
(f) Extra H.D. Option.
(g) Luxury Ride Option.

AMA Specifications—Passenger Car

Page 22

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED REVISED (*)

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

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 top 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	Bench Seat and Split Bench Seat	Custom (Bucket Seat)
	Rear	Bench Seat	Custom (Bucket Seat)
	3rd seat	Urethane foam and spring construction	
Seat back type	Front	Bench Seat and Split Bench Seat	Custom (Bucket Seat)
	Rear	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 (b)	

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	1316.3	1247.0	2837.3
Backlight glass exposed surface area	1025.9	1025.9	1322.7	762.9	659.3	804.0
Total glass exposed surface area	3959.2	3984.0	4211.9	3559.2	3386.3	5141.3

LAMP HEIGHT AND SPACING

				(c)
Height above ground to center of bulb	Headlamp	Highest *	30.8	31.4
		Lowest	24.2	24.8
	Tail	Highest	25.2	27.8
		Lowest	-	
Distance from C/L of car to center of bulb	Headlamp	Inside	33.6 (Vertical Arrangement)	
		Outside *		
	Tail	Inside	32.2	34.3
		Outside	-	
	Directional	Front	26.1	
		Rear	32.2	34.3

* If single headlamps are used enter here.

(a) Station Wagon and Convertible.
(b) Optional on Convertible.
(c) Station Wagon.

AMA Specifications—Passenger Car

Page 23

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED 9-15-66 REVISED (*)

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 Split Bench Seat Optional, 6-way Bucket Seat (W/WO Reclining Seat Back)
Reclining front seat back		Optional, Passenger Car (b)
Front seat headrest		Optional, Integral on reclining front passenger seat (b)
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 (a)
Air Conditioner (specify type and availability)		Optional, Fresh Air
Speed warning device		Red Line on Odometer Dial
Speed control device		Optional
Ignition lock lamp		Standard
Back up lamp		Standard
Dome lamp		Standard
Glove compartment lamp		Standard Optional (a)
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
Stereo Tape Player		Optional - Separate from radio. Dual Front & Rear Speakers
Automatic Door Locks		Optional

(a) Custom, Custom 500, Ranch Wagon and Country Sedan.
(b) Bucket Seat Models.

AMA Specifications—Passenger Car

Page 24

MAKE OF CAR FORD MODEL YEAR 1967 DATE ISSUED _____ REVISED (*) _____

WEIGHTS

Custom and Custom 500		CURB WEIGHT POUNDS Front	Rear	Total	% PASS WEIGHT DISTRIBUTION Pass. In Front Front	Pass. In Front Rear	Pass. In Rear Front	Pass. In Rear Rear	SHIPPING WEIGHT
2-Door Sedan	62E	1900	1727	3627	49	51	19	81	3449
4-Door Sedan	54B	1933	1752	3685	49	51	19	81	3507
2-Door Sedan	62B	1896	1733	3629	49	51	19	81	3451
4-Door Sedan	54B	1928	1759	3687	49	51	19	81	3509
Galaxie 500									
4-Door Sedan	54A	1938	1759	3697	49	51	19	81	3519
2-Door Hardtop	63B	1925	1775	3700	49	51	22	78	3522
4-Door Hardtop	57B	1973	1795	3768	49	51	20	80	3590
2-Door Convertible	76A	2020	1862	3882	49	51	22	78	3704
Galaxie 500 XL									
2-Door Hardtop	63C	1980	1792	3772	49	51	22	78	3594
2-Door Convertible	76B	2073	1899	3972	49	51	22	78	3794
Ford LTD									
2-Door Hardtop	63F	1976	1828	3804	49	51	22	78	3626
2-Door Hardtop	63J	1978	1832	3810	49	51	22	78	3632
4-Door Hardtop	57F	1997	1857	3854	49	51	20	80	3676
2-Door Convertible	76F	2064	1937	4001	49	51	22	78	3823
2-Door Hardtop	63E	2004	1849	3853	49	51	22	78	3675
2-Door Hardtop	63H	2006	1853	3859	49	51	22	78	3681
2-Door Convertible	76C	2092	1958	4050	49	51	22	78	3872
Station Wagon									
4-Door Ranch Wagon	71D	1854	2243	4097	49	51	19	81	3949
4-Door Country Sedan	71B	1857	2253	4110	49	51	19	81	3962
4-Door Country Sedan	71C	1893	2297	4190	49	51	19	81	4042
4-Door Country Squire	71E	1868	2289	4157	49	51	19	81	4009
4-Door Country Squire	71A	1878	2319	4197	49	51	19	81	4049

Accessories & Equipment Differential Weights				Remarks
240 CID 1V Engine	- 38	0	- 38	
390 CID 2V Engine	187	6	193	3-Spd. Manual Trans. - Single Exhaust
390 CID 4V Engine	193	35	228	3-Spd. Manual Trans. - Dual Exhaust
428 CID 4V Engine	170	33	203	Auto. Trans. - Dual Exhaust
427 CID 4V Engine	221	35	256	4-Spd. Manual Trans. - Dual Exhaust
427 CID 8V Engine	241	35	276	4-Spd. Manual Trans. - Dual Exhaust
3-Spd. Manual Trans.	- 16	- 4	- 20	Models with 240 and 289 CID Engine
Overdrive	- 9	- 2	- 11	Models with 240 and 289 CID Engine
Cruise-O-Matic	31	8	39	Models with 390 CID Engine
Cruise-O-Matic	33	9	42	Models with 428 CID Engine
Cruise-O-Matic (HD)	23	6	29	Models with 240 and 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	Sta. Wgn.: Front 31 Rear 4 Total 35
Tires 7.75 x 15 4 PR	4	7	11	
Tires 8.15 x 15 4 PR	9	14	23	
Tires 8.45 x 15 4 PR	11	18	29	
Battery-Heavy Duty-70 Amp	17	- 2	15	
Thermactor Emission	25	0	25	
Luggage Rack	3	19	22	Station Wagon

NOTE: All weights shown with 289 CID engine and automatic transmission.

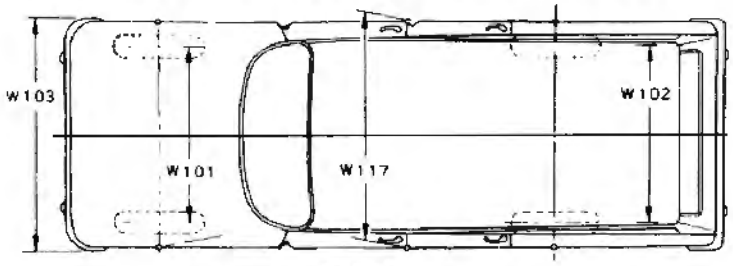
AMA Specifications—Passenger Car

Page 25

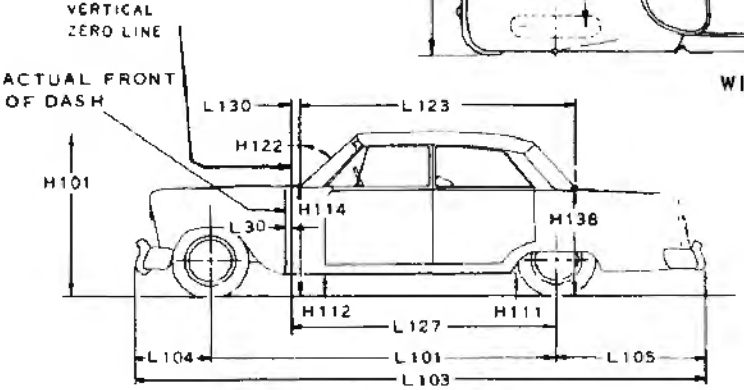
CAR AND BODY DIMENSIONS

KEY SHEET

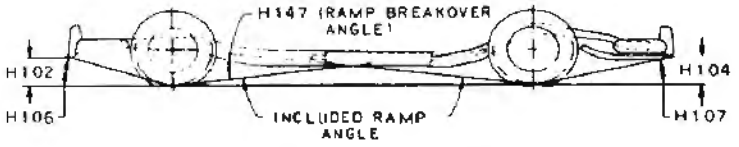
EXTERIOR CAR AND BODY DIMENSIONS



WIDTH

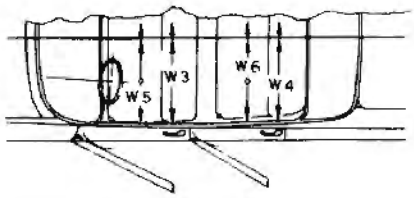


LENGTH & HEIGHT

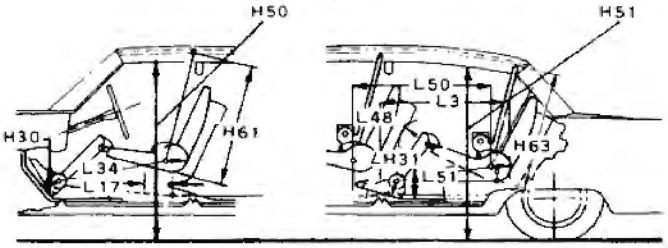


GROUND CLEARANCE

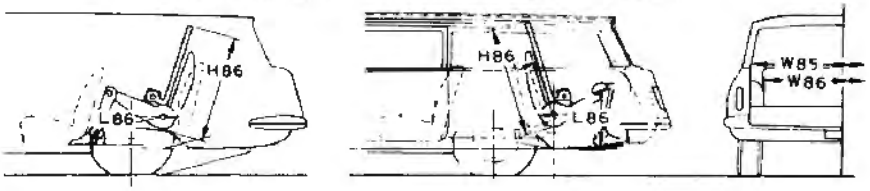
INTERIOR CAR AND BODY DIMENSIONS



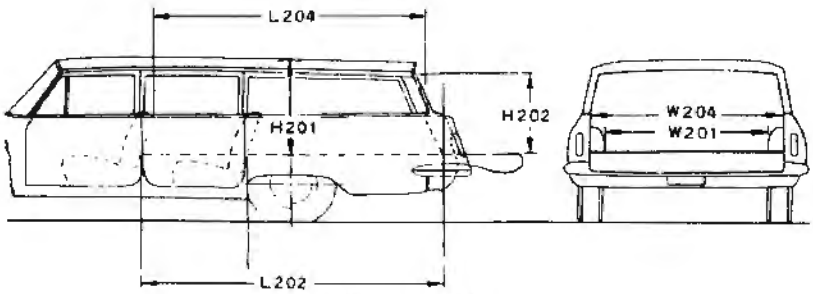
WIDTH



FRONT COMPT. REAR COMPT.



THIRD SEAT



CARGO SPACE

AMA Specifications—Passenger Car

Page 26

CAR AND BODY DIMENSIONS

KEY SHEET

DIMENSION DEFINITIONS

EXTERIOR WIDTH DIMENSIONS

W101 WHEEL TREAD – FRONT. Measured at centerline of tires, with nominal camber, at ground.

W102 WHEEL TREAD – REAR. Measured at centerline of tires at ground.

W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.

W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

EXTERIOR LENGTH DIMENSIONS

L 30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (–) sign.

L101 WHEELBASE.

L103 OVERALL LENGTH. Include bumper guards if standard equipment.

L104 OVERHANG – FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.

L105 OVERHANG – REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.

L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.

L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.

L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

EXTERIOR HEIGHT DIMENSIONS

H101 OVERALL HEIGHT – DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.

H114 COWL POINT TO GROUND. Measured at vehicle centerline.

H138 DECK POINT TO GROUND. Measured at vehicle centerline.

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

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

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

GROUND CLEARANCE DIMENSIONS

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

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

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

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

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

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

FRONT COMPARTMENT DIMENSIONS

H 61 EFFECTIVE HEAD ROOM – FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.

L 34 MAXIMUM EFFECTIVE LEG ROOM – ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.

H 30 H POINT TO HEEL POINT – FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.

L 17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

FRONT COMPARTMENT DIMENSIONS (Cont.)

W 3 SHOULDER ROOM – FRONT. The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.

W 5 HIP ROOM – FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.

H 50 UPPER BODY OPENING TO GROUND – FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.

REAR COMPARTMENT DIMENSIONS

L 50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.

H 63 EFFECTIVE HEAD ROOM – REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.

L 51 MINIMUM EFFECTIVE LEG ROOM – REAR. Measured along a diagonal line from the ankle pivot center to the H Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.

H 31 H POINT TO HEEL POINT – REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.

L 48 MINIMUM KNEE ROOM – REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.

L 3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.

W 4 SHOULDER ROOM – REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.

W 6 HIP ROOM – REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.

H 51 UPPER BODY OPENING TO GROUND – REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

LUGGAGE COMPARTMENT DIMENSIONS

V 1 LUGGAGE CAPACITY – USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.

H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

STATION WAGON – THIRD SEAT DIMENSIONS

W 85 SHOULDER ROOM – THIRD SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.

W 86 HIP ROOM – THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.

L 86 EFFECTIVE LEG ROOM – THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.

H 86 EFFECTIVE HEAD ROOM – THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

STATION WAGON – CARGO SPACE DIMENSIONS

L202 CARGO LENGTH AT FLOOR – FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.

L204 CARGO LENGTH AT BELT – FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.

W201 CARGO WIDTH – WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.

W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.

H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.

H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail-and liftgates fully open.

V 2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

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

AMA Specifications—Passenger Car