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	FALCON (8 Cylinder)	
MAILING ADDRESS: P. O. BOX 2053, DEARBORN, MICHIGAN	MODEL YEAR: 1963	ISSUED: 12-3-62; REVISED (•) 2-1-63

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
Falcon		
2-Door Sedan	6	62A
4-Door Sedan	6	54A
Futura		
2-Door Sedan	6	62B
2-Door Sedan	5	62C
4-Door Sedan	6	54B
2-Door Hardtop	6	63B
2-Door Hardtop	5	63C
2-Door Convertible	5	76A
2-Door Convertible	4	76B
Sprint		
2-Door Hardtop	5	RPO
2-Door Convertible	4	RPO
Falcon Station Wagon		
2-Door Station Wagon	6	59A
4-Door Station Wagon	6	71A
2-Door Deluxe Station Wagon	6	59B
4-Door Deluxe Station Wagon	6	71B
4-Door Squire Station Wagon	6	71C
4-Door Squire Station Wagon	5	71D

AMA Specifications — Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE: ISSUED 12-3-62 REVISED(•)

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	62	54	63	76	59	71
			260 CID					
Wheelbase (L-101)		23	109.5					
Tread	Front (W-101)	24	55.0					
	Rear (W-102)	24	54.5					
Maximum Overall Dimensions	Length (L-103)	23	181.1				189.0	
	Width (W-103)	24	70.6					
	Height (H-101)	22	54.9		53.2	54.1	55.2	
Transmission—(Specify trade name - opt., not available)	Manual	13	3-Speed Synchromesh (Std.) 4-Speed Synchromesh (Opt.)					
	Overdrive	14	Not Available					
	Automatic	14	Fordomatic Drive (Optional)					
Axle ratio	Manual	15	3.25:1 See Page 3					
	Overdrive	15	Not Available					
	Automatic	15	3.25:1 See Page 3					
Tire size		16	6.50 x 13			7.00 x 13		
Engine	Type, no. cyl., valve arr.	2	90° V, 8, OHV					
	Fuel system (Carb., other)	6	2V Carburetor					
	Bore and stroke	2	3.80 x 2.87					
	Piston displ., cu.in.	2	260					
	Std. compression ratio	2	8.7:1					
	Max. bhp at engine rpm	2	164 @ 4400					
	Max. torque at rpm	2	258 @ 2200					

AMA Specifications—Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

ENGINE—GENERAL

Type, no. cyls., valve arr.		90°V, 8, OHV
Bore and stroke (nominal)		3.80 x 2.87
Piston displacement, cu. in.		260
Bore spacing (C/L to C/L)		4.38
No. system (front to rear)	L. Bank	5-6-7-8
	R. Bank	1-2-3-4
Firing order		1-5-4-2-6-3-7-8
Compres. ratio (nominal)		8.7:1
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°
Taxable horsepower $\frac{Dia.^2 \times No.Cyl.}{2.5}$		46.20
Published max. bhp* @ eng. RPM		164 @ 4400
Published max. torque* (lb. ft. @ RPM)		258 @ 2200
Recommended fuel regular - premium		Regular
Idle speed (spec. neutral or drive)	Manual	500 - 525 Neutral
	Automatic	475 - 500 Drive

ENGINE—PISTONS

Material			Aluminum Alloy
Description and finish			Cast aluminum alloy with steel struts, slipper skirt, cam ground, and tin plated. Authothermic type.
Weight (piston only) oz.			18.69 - 18.83
Clearance (limits)	Top land		.017 - .0206 Radial
	Skirt	Top	.0025 - .0035 Diametral
		Bottom	.0009 - .0026 Diametral
Ring groove depth	No. 1 ring		.200 - .193 Radial
	No. 2 ring		.200 - .193 Radial
	No. 3 ring		.189 - .182 Radial
	No. 4 ring		None

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

AMA Specifications – Passenger Car

MAKE OF CAR FALCON **MODEL YEAR** 1963 **DATE ISSUED** 12-3-62 **REVISED (•)** 1-21-63

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	Opt. 260	2V	8.7	164 @ 4400	258 @ 2200	Manual 3-Speed Manual 4-Speed Automatic 2-Speed	3.25 3.25 3.25
63-76	260	2V	8.7	164 @ 4400	258 @ 2200	Manual 3-Speed Manual 4-Speed Automatic 2-Speed	3.25 3.25 3.25
59-71	260	2V	8.7	164 @ 4400	258 @ 2200	Manual 3-Speed Manual 4-Speed Automatic 2-Speed	3.25 3.25 3.25

AMA Specifications – Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - material, type, coating, etc.	#1 Cast iron alloy, straight face, chrome plated #2 Cast iron alloy, straight face, scraper groove, phosphate coated
	Width	#1.0774 - .0781 #2.0930 - .0940
	Gap	.010 - .020
Oil	Description - material, type, coating, etc.	Multi-piece: Two rails and one spacer expander Rails - steel, chrome plated, oxide coated Spacer expander - blued steel
	Width	.1879 Max. Assy.
	Gap	.015 - .055
Expanders		Integral with oil ring assembly

ENGINE—PISTON PINS

Material			Alloy steel - SAE 5015
Length			3.010 - 3.030
Diameter			.9118 - .9124
Type	Locked in rod, in piston, floating, etc.		Press fit in rod
	Bushing	In rod or piston	None
		Material	--
Clearance	In piston		.0003 - .0005
	In rod		Press fit
Direction & amount offset in piston			Right .0575 - .0675

ENGINE—CONNECTING RODS

Material		Forged steel - SAE 1041
Weight (oz.)		18.45 - 18.73
Length (center to center)		5.154 - 5.156
Bearing	Material & Type	Steel backed, copper-lead alloy replaceable inserts
	Overall length	.716 - .726
	Clearance (limits)	.0009 - .0025
	End play	.006 - .016 (Two rods)

AMA Specifications—Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

ENGINE—CRANKSHAFT

Material			Precision molded
Vibration damper type			Rubber floated inertia members
End thrust taken by bearing (No.)			Three
Crankshaft end play			.004 - .008
Main bearing	Material & type		Steel backed micro babbit, replaceable inserts
	Clearance		.0006 - .0026
	Journal dia. and bearing overall length	No. 1	2.248 x .885
		No. 2	2.248 x .885
		No. 3	2.248 x 1.132
		No. 4	2.248 x .885
		No. 5	2.248 x .885
		No. 6	None
		No. 7	None
	Dir. & amt. cyl. offset		Right bank leads .84
Crankpin journal diameter			2.123 - 2.124

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		Cast iron
	Timing chain	No. of links	58
		Width	.750 Nominal
		Pitch	.375

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Standard
Valve rotator, type (intake, exhaust)		None
Rocker ratio		1.60:1
Operating tappet clearance (indicate hot or cold)	Intake	Zero
	Exhaust	Zero
Timing marks on flywheel, damper, other		Indicator scale on front cover and notch on crankshaft pulley

(Continued)

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (*)

MODEL ALL MODELS 260 CID

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	21°
		Closes (°ABC)	51°
		Duration - deg.	252°
	Exhaust	Opens (°BBC)	57°
		Closes (°ATC)	15°
		Duration - deg.	252°
	Valve opening overlap		36°
Intake	Material		SAE 1047 steel - aluminized
	Overall length		4.860
	Actual overall head dia.		1.59
	Angle of seat & face		45°
	Seat insert material		None
	Stem diameter		.3100 - .3107
	Stem to guide clearance		.0008 - .0025
	Lift (@ zero lash)		.380
	Outer spring press. and length	Valve closed (lb. @ in.)	60 @ 1.77
		Valve open (lb. @ in.)	170 @ 1.38
	Inner spring press. and length	Valve closed (lb. @ in.)	None
		Valve open (lb. @ in.)	None
Exhaust	Material		Cast austenitic steel - aluminized head
	Overall length		4.860
	Actual overall head dia.		1.39
	Angle of seat & face		45°
	Seat insert material		None
	Stem diameter		.310
	Stem to guide clearance		.0018 - .0035
	Lift (@ zero lash)		.380
	Outer spring press. and length	Valve closed (lb. @ in.)	60 @ 1.77
		Valve open (lb. @ in.)	170 @ 1.38
	Inner spring press. and length	Valve closed (lb. @ in.)	None
		Valve open (lb. @ in.)	None

ENGINE—LUBRICATION SYSTEM

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

(Continued)

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL	ALL MODELS 260 CID

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotor
Normal oil pressure (lb. @ engine rpm)	56-60 @ 2000
Oil pressure sending unit (elect. or mech.)	Electrical
Type oil intake (floating, stationary)	Stationary shrouded screen in sump
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Complete
Capacity of crankcase, less filter-refill (qt.)	Four
Oil grade recommended (SAE viscosity and temperature range)	90° F and above - SAE 30 or 10W-30 20° F to 90°F - SAE 20 or 20W or 10W-30 -10° F to 20° F - SAE 5W-20 or 10W or 10W-30 -10° F and below - SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)		Single "Y" type
Muffler No. & type (reverse flow, straight thru, separate resonator)		One, reverse flow
Exhaust pipe dia. (O.D. wall thickness)	Branch	1.87 x .084 laminated
	Main	2.00 x .075 solid
Tail pipe diameter (O.D. & wall thickness)		1.75 x .048

ENGINE—CRANKCASE VENTILATION SYSTEM

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

AMA Specifications– Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS
260 CID

ENGINE—FUEL SYSTEM

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

Induction type: Carburetor, fuel injection, supercharger.			Carburetor
Fuel Tank	Capacity (gals.)		14
	Filler location		Rear, center of lower back panel (a)
Fuel Pump	Type (elec. or mech.)		Mechanical
	Locations		Lower left front corner of engine
	Pressure range		4.5 - 5.5 psi
Vacuum booster (std., optional, none)			None
Fuel Filter	Type		#1 Accreted paper (disposable) #2 Wire cloth, plastic (perm.)
	Locations		#1 Integral with fuel pump #2 In fuel tank
Carburetor	Choke type		Automatic
	Intake manifold heat control (exhaust or water)		Exhaust
	Air clnr. type	Standard	Dry replaceable paper element with thermostatically controlled
		Optional	None carburetor air temperature

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
All	260	Manual	Ford	C3OF-9510-E	1-2V	1.4375
		Automatic		C3OF-9510-F	1-2V	1.4375

(a) LH rear quarter panel on model 59-71.

AMA Specifications – Passenger Car

MAKE OF CAR NISSAN MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED(•)

MODEL ALL MODELS
250 CED

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure
Radiator cap relief valve pressure			12 to 15 psi
Circulation thermostat	Type (choke, bypass)		Choke, popper type
	Starts to open at (°F)		180° - 192°F Fully open 212°
Water pump	Type (centrifugal, other)		Centrifugal
	GPM @ 1000 pump rpm		1
	Number of pumps		One
	Drive (V-belt, other)		V-belt
	Bearing type		Double row, sealed ball
By-pass recirculation type (internal, external)			External
Radiator core type (cellular, tube and fin, other)			Down-flow, tube and corrugated fin
Cooling system capacity	With heater (qt.)		14.5
	Without heater (qt.)		13.5
	Opt. equipment-specify (qt.)		14.5
Water jackets full length of cylinder (yes, no)			No
Water all around cylinder (yes, no)			Yes
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	1.75
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	One, molded
		Inside diameter	.62
Fan	Number of blades & Spacing		Four, uneven Five, uneven (a)
	Diameter		17.0
	Ratio-fan to crankshaft rev.		1.04:1 1.13:1 (a)
	Fan cutout type		None
	Bearing type		Double row, sealed ball
*Drive belts (indicate belt used by letter)	Fan		
	Generator		
	Water Pump		
	Power Steering		
	Air Conditioning		

* Drive Belt Dimensions	
Angle of V	
Nominal length (SAE)	
Width	

(a) Extra cooling option. Standard with air conditioning.

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model		Autolite C3DF-10655-G C3AF-10655-N (a)
	Voltage Rtg. & Total Plates		12 volts 54 plates 66 plates (a)
	SAE Designation & Amp Hr. Rtg		55 amp 65 amp (a)
	Location		Engine Compartment - Right Side
	Terminal grounded		Negative
Generator	Make		Ford
	Model		C2OF-10000-G
	Type		Shunt 30 amp
	Ratio—Gen. to Cr/s rev.		2.4:1
	Gen. cut-in (hot)—engine rpm		560 RPM @ 12.8 volts
Regulator	Make		Ford
	Model		C2AF-10505-A
	Type		Three coil 30 amp
	Cutout relay	Closing voltage @ generator rpm	12.2 - 13.2 @ 1330 RPM
		Reverse current to open	8 amps @ 12.2 volts
	Regulated	Voltage	14.6 - 15.4
		Current	28-32
	Voltage test conditions	Temperature	75°F
		Load	5 amp @ rated load
		Other	None

ELECTRICAL—STARTING SYSTEM

Starting motor	Make		Ford
	Model		C3OF-11001-A
	Rotation (drive end view)		Clockwise
	Engine cranking speed		
	Test conditions		80°F
	Lock test	Amps	670
		Volts	6.0
		Torque (lb. ft.)	15.5
	No load test	Amps	70
		Volts	12
		RPM (min.)	9500
Motor control	Switch (solenoid, manual)		Solenoid
	Starting procedure		

(a) HD option

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL: ALL MODELS 260 CID

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Positive - Electro mechanical
	Pinion meshes (front, rear)		Front
	Number of teeth	Pinion	9
		Flywheel	160
	Flywheel tooth face width		

ELECTRICAL—IGNITION SYSTEM

			MANUAL TRANSMISSION (a)	AUTOMATIC TRANSMISSION
Coil	Make		Ford	
	Model		C2OF-12024-B	
	Amps	Engine stopped	4.5	
		Engine idling	2.3	
Distributor	Make		Ford	
	Model		C2OF-12127-F	C3AF-12127-U
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	850	850
		Intermediate points deg. @ rpm	∕ 1° @ 850 11.5° ∕ 1 @ 1800 22° ∕ 1 @ 4000	∕ 3.5° to ∕ 5.5° @ 1300 ∕16.5° to 19.5° @ 4000
		Max deg. @ rpm	Extend above curves to 36° max.	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	7.5"	8"
		Intermediate points, deg @ in Hg	2° ∕ 3 @ 8" 12° ∕ 3 @ 13" 18° ∕ 3 @ 19"	8° @ 11" 12° @ 13" 16° @ 16"
		Max. deg. in. Hg.	21° @ 19"	21° @ 19"
	Breaker gap (in.)		.014 - .016	
	Cam angle (deg.)		26 - 28 1/2	
	Breaker arm tension (oz.)		17 - 20	
Timing	Crankshaft deg. @ rpm.		4° ± 3° @ 510	10° ± 3° @ 490
	Mark location		Indicator scale on front cover and notch on crankshaft pulley	
	Cylinder numbering system (see page 2)		Front to rear Right Bank 1-2-3-4 Left Bank 5-6-7-8	
	Firing order (see page 2)		1-5-4-2-6-3-7-8	
Spark Plug	Make and model		Autolite BF-32	
	Thread (mm)		14mm	
	Tightening torque (lb. ft.)		15 - 20	
	Gap		.032 - .036	
Cable	Conductor type		Resistance core cable	
	Insulation type		Neoprene sheath	
	Spark plug protector		Neoprene boot	

ELECTRICAL—SUPPRESSION

Locations & type	Capacitor at the generator and voltage regulator, wheel static collectors in front wheel. Resistance core ignition cables.

NOTE: All distributor initial engine settings must be made with the distributor vacuum line disconnected.

(a) 3 and 4 speed

AMA Specifications – Passenger Car

MAKE OF CAR FALCON **MODEL YEAR** 1963 **DATE ISSUED** 12-3-62 **REVISED** (•)

MODEL ALL MODELS 260 CID

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	Ford Motor Company
	Trip odometer (yes, no)	No
Charge indicator—type		Red Warning Light
Temperature indicator—type		Thermogage
Oil pressure indicator—type		Red Warning Light
Fuel indicator—type		Thermogage
Other		None
Ignition switch	Identify positions in order and circuits controlled	Four-position switch (left to right) ACC CCW from TDC OFF TDC ON CW first position START CW second position
	Provision for illumination	None
	Location	Instrument panel - Left of steering column
Main lighting switch	Identify positions and lamps controlled	Depressed - Off 1st position-Instrument panel, parking, tail & license lights 2nd position-Instrument panel, head, tail and license lights Rotate knob clockwise to dim & turn off instrument panel lights Rotate knob counterclockwise to turn on and brighten instrument panel lights and turn on dome light
Other light switches	Locations and lamps controlled	Toe panel - Headlight dimmer Front door hinge pillar - Dome lamp On steering column - Back up lamp (e) On steering column - Turn signal lamps On master cylinder - Stop lamps Glove compartment door frame - Glove compartment lamp (b)
Other switches	Locations and devices controlled	Instrument panel - ignition, heater blower, windshield wipers, cigar lighter, convertible top Instrument panel - power tailgate window (b) (c) Instrument panel - radio (b) On steering column - neutral switch (a)
Windshield wiper	Make	Autolite
	Type	Electric, Single Speed (d)
	Vacuum booster provision	None
	Washer provision	Yes
Horn	Type	Air Electric
	Number used	Two
	Amp draw (each)	10

(a) All models with automatic transmission.
(b) Optional.
(c) Standard on Model 71D.
(d) Optional two-speed.
(e) Manual transmission: operates from shift linkage.
Automatic transmission: part of neutral switch.

AMA Specifications – Passenger Car

MAKE OF CAR FALCON **MODEL YEAR** 1963 **DATE ISSUED** 12-3-62 **REVISED** (•) 2-1-63

MODEL ALL MODELS
260 CID

ELECTRICAL—LAMP BULBS

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

Headlamps & arrangement		Two #6012 Horizontal
Headlamp beam indicator		One #1895
Parking		Two #1157
Tail		Two #1157
Stop		Two #1157 Same as tail light
Direction signal	Front	Two #1157 Same as parking light
	Rear	Two #1157 Same as stop light
	Indicator	One #1895
License plate		One #1155
Instrument		Four #1895 Speedometer and gauges
Ignition lock		None
Back up		Two #1155
Dome		One #1003
Clock		One #1895 *
Radio		One #1891 *
Glove compartment		One #1895 *
Courtesy (a)		One #1155
Tachometer (b)		One #57 *

(a) Model 76.
(b) Standard on Sprint Model. Optional all others.

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•) 2-1-63

MODEL ALL MODELS
260 CID

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

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

Headlamp	12 CB (a)
Headlamp beam indicator	Same as (a)
Parking lamp	3AG-15 (b)
Tail lamp	Same as (b)
Stop lamp	Same as (b)
Direction indicator	SFE-14
License plate lamp	Same as (b)
Instrument lamp	3-AG-15 (c) (Main fuse) AGA-1 or 1AG-1 (Instrument lamps)
Ignition lamp	None
Back up lamp	SFE-14
Dome lamp	Same as (b)
Clock	AGA-1 or 1AG-1
Clock lamp	None
Radio	SFE-7.5
Glove compartment lamp	Same as (c)
Heater Blower	SFE-14
Windshield Wiper	Std. 5 CB, Option (2) Speed 12 CB
Air Cond.	3AG-15
RR Window-Sta.Wgn	30 CB (Control Circuit)
Conv. Top	30 CB
Cigar Lighter	Reset CB on Back of Lighter
Tachometer	Same as (c)

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	23.6	23.9$	
		Highest			
	Stop		23.6	23.9$	
	Backup		23.6	23.9$	24.9¢
	License, rear		17.7	18.0$	
	Directional	Front	15.1	15.4$	
		Rear	23.6	23.9$	
	Headlamp	Inside	--		
		Outside*	24.6	24.9$	
Distance from C/L of car to center of bulb	Tail	Inside	29.4		29.7¢
		Outside	--		
	Stop		29.4		29.7¢
	Backup		19.8		21.3¢
	License, rear		Centerline		
	Directionc	Front	26.4		
		Rear	29.4		29.7¢
	Headlamp	Inside	--		
		Outside*	26.3		

* If single headlamps are used enter here.

$ Model 75.

¢ Model 59 and 71.

AMA Specifications – Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Long Manufacturing Single plate, dry, spring loaded, semi-centrifugal
Type pressure plate springs		Coil
Effective plate pressure (lb.)		1260
No. of clutch driven discs		One
Clutch facing	Material	Woven asbestos
	Outside & inside dia.	10.0 x 6.75
	Total eff. area (sq.in.)	86.2
	Thickness	.125
	Engagement cushioning method	Torbend disc with spring vibration damper
Release bearing	Type & method of lubrication	Ball thrust, prepacked, sealed
Torsional damping	Methods: springs, friction material	Springs

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-Speed synchromesh (std.) 4-speed synchromesh (opt.)(a)
Manual with overdrive (std. or opt.)	Not available
Automatic (std. or opt.)	Optional

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds			Three	Four
Transmission ratios	In first		2.79:1	2.73:1
	In second		1.70:1	2.04:1
	In third		1.00:1	1.51:1
	In fourth		None	1.00:1
	In reverse		2.87:1	2.81:1
Synchronous meshing, specify gears			1st - 2nd - 3rd	1st - 2nd - 3rd - 4th
Shift lever location			Steering column	Floor mounted
Lubricant	Capacity (pt.)		3.5	
	Type recommended		Mild - Extreme pressure	
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
		Extreme cold	SAE 80	

(a) 4-Speed synchromesh standard on Sprint model.

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)			NOT AVAILABLE
	Manual lockout (yes, no)			
	Downshift acelerator control (yes, no)			
	Minimum cut-in speed			
	Gear ratio			
	Lubricant	Capacity (pt.) (Overdrive only)		
		Separate filler (yes, no)		
		Type recommended		
		SAE viscosity number	Summer	
			Winter	
			Ext. cold	

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		Fordomatic
Type describe		Two-speed, torque converter with planetary gears
Method of Selection (Lever, Push Button or other)		Lever
Selector Pattern		P R N D L
List gear ratios Selector Pattern and indicate which are used in each selector position		1.82:1 Drive and Low 1.00:1 Drive 1.73:1 Reverse
Max. upshift speeds—drive range		41 - 47 mph
Max. kickdown speeds—drive range		39 - 46 mph
Torque convertor	Number of elements	Three
	Max. ratio at stall	2.05
	Type of cooling (air, water)	Liquid
Lubricant	Capacity—refill (pt.)	17
	Type recommended	Type "A" Transmission Fluid (M-2C33-D)
Special transmission features		Park position - Start in Park or Neutral position - Vacuum controlled throttle valve

DRIVE UNITS—PROPELLER SHAFT

Number used		One
Type (exposed, torque tube)		Exposed
Outer diameter x length* x wall thickness	Manual transmission	2.75 x 52.35 x .065 (a)
	Overdrive transmission	Not Available
	Automatic transmission	2.75 x 52.35 x .065

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

(Continued)

(a) 3 & 4 speed

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (e) 1-21-63

MODEL ALL MODELS 260 CID

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)		Cross
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubric. (fitting, prepack)	Prepack
Drive taken through (torque tube or arms, springs)			Springs
Torque taken through (torque tube or arms, springs)			Springs

DRIVE UNITS—REAR AXLE

Description (see instructions)			Conventional, banjo type, solid housing
Limited Slip differential, type			None
Drive Pinion Offset			1.5
No. of differential pinions			Two
Gear ratios (Std. equip.)	Manual transmission		3.25
	Overdrive transmission		Not available
	Automatic transmission		3.25
Ring gear O.D. (std. ratio)			7.75
Pinion adjustment (shim, other)			Shims and collapsible spacer
Pinion bearing adj. (shim, other)			Shims and collapsible spacer
Wheel bearing type			Single roll ball
Lubricant	Capacity (pt.)		4.5
	Type recommended		Above 10° F M-2C28-B Below 10°F M-2C28-A
	SAE viscosity number	Summer	SAE 90
		Winter	SAE 90
		Extreme cold	SAE 80

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.25
No. of teeth	Pinion	12
	Ring gear	39

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•) 1-28-63

	ALL MODELS
MODEL	260 CID

DRIVE UNITS—WHEELS

Type & material		Stamped steel disc
Rim (size and flange type)	Std.	13 x 4.5J
	Opt.	14 x 5.0J (a)
Attachment	Type (bolt or stud)	Stud
	Circle diameter	4.5"
	Number and size	Five - .5"

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	6.50 x 13-2 ply (d) (f) 7.00 x 13-2 ply (e) (f)
	Type - Nylon, etc.	Rayon tubeless Nylon tubeless (g)
Rev/mile at 50 mph.		859 (b) 837 (c)
Inflation press.(cold)	Front	24 - 28
	Rear	24 - 28
Optional tires - size and ply		6.50 x 13 - 6 ply (g) 7.00 x 13 - 2 ply (d) (f) (h) 6.50 x 14 - 2 ply (a) (f)

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)			Duo-servo
Self adjusting (std., opt., N.A.)			Standard
Hydraulic system type (single, dual, etc.)			Single
Power brake make & type (remote, integral, etc.)			Integral
Effective area (sq. in.)*			127.8
Gross lining area (sq. in.)**			154.2
Swept drum area (sq. in.)***			251.3
Percent brake effectiveness—front			60.6
Drum	Diameter	Front	10.0
		Rear	10.0
	Type and material		Composite, pressed steel disc and cast iron drum
Wheel cylinder bore	Front		1.125
	Rear		.906
Master cylinder bore			1.00
Available pedal travel			6.55
Line pressure at 100 lb. pedal load			700
Shoe clearance adjustment			.011

(Continued)

* Excludes rivet holes, grooves, chamfers, etc.
** Includes rivet holes, grooves, chamfers, etc.
*** Total swept areas for four brakes:
Widest lining contact width for each brake x its drum circumference.

(a) Optional all models except 59 and 71.
(b) 6.50 x 13 tire, 13 x 4.5J wheel.
(c) 7.00 x 13 tire, 13 x 4.5J wheel.
(d) Models 62, 54 and 63.
(e) Models 76, 59 and 71.
(f) 4 ply rating, 2 ply construction.
(g) Optional all models.
(h) Standard on all models with air conditioning.

AMA Specifications—Passenger Car

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•)

MODEL ALL MODELS 260 CID

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted			Riveted
	Front Shoe	Material		Molded asbestos
		Size (length x width x thickness)	Front wheel	8.43 x 2.25 x .218
			Rear wheel	8.43 x 1.75 x .218
		Segments per shoe		One
	Rear Shoe	Material		Molded asbestos
		Size (length x width x thickness)	Front wheel	10.84 x 2.25 x .250
			Rear wheel	10.84 x 1.75 x .250
		Segments per shoe		One

BRAKES—PARKING

Type of control		Hand operated "T" handle with twist release
Location of control		Left of steering column under instrument panel
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	None
	Drum diameter	None
	Lining size (length x width x thickness)	None

FRAME or UNITIZED CONSTRUCTION

Type and description

Unitized construction

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

Provision for car leveling		None
Provision for brake dip control		Anti-dive front suspension
Provision for acc. squat control		Anti-squat rear suspension
Special provisions for car jacking		None
Shock absorber front & rear	Type	Direct acting hydraulic, rebound cut-off
	Make	Ford and Gabrial
	Piston dia.	1.0
Other special features		Restricted jounce bumper

SUSPENSION—FRONT

Type and description	Independent S.L.A., drag strut, ball joints, coil springs mounted over upper arm, shock absorbers mounted inside coil spring.

* Air Suspension:
Air spring type
Compressor data
type
make
drive ratio
Normal operating pressures
spring rates
leveling data

(Continued)

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 12-3-62 REVISED (•) 2-1-63

MODEL ALL MODELS
260 CID

SUSPENSION FRONT (cont.)

Spring	Type	Coil
	Material	SAE-5160 steel rod
	Size (coil design height & I.D.; bar length x dia.	8.64 x 3.87 Bar length x dia. 126.3 x .585 (a), 128.4 x .60 (b) 129.7 x .610 (c), 128.5 x .575 (d)
	Spring rate (lb. per in.)	220 - 278
	Rate at wheel (lb. per in.)	83 - 99 (c)
	Design load (lb. @ design height)	1300 - 1550
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	SAE 1090 .72 Dia.

STEERING

Mechanical (std., opt., NA)				Standard
Power (std., opt., NA)				Optional (f)
Wheel diameter				17.0" 16.0" (e)
Turning diameter	Outside front	Wall to wall (l. & r.)		41.2'
		Curb to curb (l. & r.)		38.8'
	Inside rear	Wall to wall (l. & r.)		23.5'
		Curb to curb (l. & r.)		24.0'
Outside wheel angle with inside wheel at 20°				18° 31'
Mechanical	Gear	Type		Recirculating ball and nut
		Make		Ford
		Ratios	Gear	19.88:1
			Overall	27:1
	No. wheel turns			4.64 Lock to lock
Power	Type (coxial, linkage, etc.)			Linkage
	Make			Bendix
	Trade name			Ford Power Steering
	Gear	Type		Recirculating ball and nut
		Ratios	Gear	19.88:1
			Overall	27:1
	Pump driven by			Belt off crankshaft pulley
	Number wheel turns			4.64 Lock to lock
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)			Two

(a) Model 62-54
(b) Model 63
(c) Model 76
(d) Model 59-71
(e) Standard on Sprint Models.
(f) Standard on all models with air conditioning.

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR FALCON **MODEL YEAR** 1963 **DATE ISSUED** 12-3-62 **REVISED** (•) 2-1-63

MODEL ALL MODELS — 260 CID

STEERING (cont)

Steering Axis	Inclination at camber (deg.)		7° 19' @ 45' camber
	Bearings (type)	Upper	Ball joint
		Lower	Ball joint
		Thrust	Friction washer in lower joint
* Wheel alignment (range and preferred)	Caster (deg.)		∠ 1° Max. 0° Min. ∠ 1/2° Preferred
	Camber (deg.)		∠ 0° 56' Max. - 0°4' Min. ∠ 1/2° Preferred
	Toe-in (outside tread-inches)		5/16 Max. 1/4 Min. 9/32 Preferred
Steering spindle & joint type			Integral assy. with ball socket joints
Wheel spindle	Diameter	Inner bearing	1.75 I. D.
		Outer bearing	.75 I. D.
	Thread size		3/4 - 16 NF3
	Bearing type		Tapered roller

SUSPENSION—REAR

Type and description				Hotchkiss drive
Drive and torq. taken through (see page 17)				Rear spring
Spring	Type			Semi-elliptical
	Material			SAE 5160 spring steel
	Size (length x width, coil design height and I.D.; bar length & dia.)			50 x 2.0
	Spring rate (lb. per in.)			80 103 (a) 103 (b) 95 (c)
	Rate at wheel (lb. per in.)			103 122 (a) 122 (b) 112 (c)
	Design load (lb. at design height)			625 880 (a) 760 (b) 700 (c)
	Mounting insulation type			Rubber bushing - split type Silent bloc (b)
	If leaf	No. of leaves		Six
		Inserts	Type and size	Full length interleaves 2.0"
			Material	Butyl
		Shackle (comp. or tens.)		Compression
Stabilizer	Type (link, linkless, frameless)			None
	Material			--
Track bar type				None

* NOTE: Maximum difference between wheels not to exceed 1/4°. Toe-in not to exceed ∠ - 1/32".

(a) Model 59 and 71.
(b) Model 76.
(c) HD option for Models 62-54-63.

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 2-1-63 REVISED (•)

SUPPLEMENTARY INFORMATION

MODEL

CAR AND BODY DIMENSIONS

For pages 22 thru 31 and 34 thru 36 see FALCON (6 cylinder) AMA Specifications dated 10-8-62.

MAKE OF CAR FALCON MODEL YEAR 1963 DATE ISSUED 2-4-63 REVISED (•)

MODEL	62	54	63	76	59	71
	260 CID					

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front					
	Rear doors	--	Front	--			Front
Type of finish (lacquer, enamel, other)		Enamel					
Hood hinge location (front, rear)		Rear					
Hood counterbalanced (yes, no)		No					
Hood release control (internal, external)		External					
Vehicle (Serial) No. Location		The Official Serial No. is stamped on a tab attached to the top right side (weld flange) of the dash panel in the engine compt.					
Engine No. Location		Boss on front left bank of cylinder block. Number indicates plant location and build date.					
Theft protection - type		Door locks, ignition key start, theft retarder ignition switch					
Vent window control method (crank, friction pivot)	Front	Friction pivot					
	Rear	None					
Seat cushion type	Front	Conventional		Custom (a)			
	Rear	Conventional		Custom (a)			
Seat back type	Front	Conventional		Custom (a)			
	Rear	Conventional		Custom (a)			
Windshield type (single curved, compound curved, other)		Compound curved					
Rear window type (flat, curved, one piece, three piece)		Curved, one piece			Flat, one piece		
Side glass type (curved, flat)		Flat					
Side glass exposed surface area		1353.6	1181.5	1231.3	1186.1	2500.7	2266.4
Windshield glass exposed surface area		1300.5		1066.0		1300.5	
Backlight glass exposed surface area		1129.6		1080.6	870.0	607.5	
Total glass exposed surface area		3783.7	3611.6	3377.9	3122.1	4408.7	4174.4

(a) All models with bucket seats.

AMA Specifications – Passenger Car

MAKE OF CAR FALCON **MODEL YEAR** 1963 **DATE ISSUED** 2-1-63 **REVISED** (•)

MAJOR OPTIONAL ITEMS - WEIGHTS

260 CID 2V Engine	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
				Pass. In Front		Pass. In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
Model								

NOT AVAILABLE

Accessories & Equipment Differential Weights			Remarks

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

Form Rev. 3-62

INDEX