

# AMA Specifications – Passenger Car

Data prepared and distributed by American automobile manufacturers, using uniform questionnaire form developed by car manufacturers under auspices of the Automobile Manufacturers Association.

<b>MAKE OF CAR</b>	EDSEL	<b>MODEL YEAR</b> 1959	<b>DATE ISSUED</b> 9-15-58 <b>REVISED</b>
<b>COMPANY</b>	FORD MOTOR COMPANY - DEARBORN, MICHIGAN		
<b>MODEL NAME - RANGER</b>	<b>SYMBOL</b>	<b>MODEL NAME - CORSAIR</b>	<b>SYMBOL</b>
Four-Dr. H/T	57F	Four-Dr. H/T	57B
Four-Dr. Sedan	58D	Four-Dr. Sedan	58B
Two-Dr. H/T	63F	Two-Dr. H/T	63B
Two-Dr. Sedan	64C	Convertible	76E

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### NOTES:

1. The specifications set forth herein are those in effect at the date of compilation and are subject to change without notice. UNLESS OTHERWISE INDICATED;
2. All specifications are standard for the models under which they are listed.
3. Specifications apply basically to 4-door sedan or equivalent. Body dimensions shown on pages 19-24 include other body models available.
4. All dimensions are nominal engineering dimensions.

## GENERAL SPECIFICATIONS

MODEL	Additional Information Page No.:	RANGER	CORSAIR
Wheelbase (L-101)	22	120.0	
Tread	Front (W-101)	59.0	
	Rear (W-102)	56.4	
Maximum Overall Dimensions	Length (L-103)	210.9	
	Width (W-103)	79.8	
	Height (H-101)	56.0	56.2
Transmission— (Specify trade name - opt., not available)	Manual	Standard	
	Overdrive	Not Offered	
	Automatic	Optional	
Axle ratio	Manual	3.56:1	3.70:1 $\emptyset$
	Overdrive	-	
	Automatic	3.10:1	2.69:1 $\emptyset$
Tire size	15	7.50 x 14 - 4 Ply Rating*	8.00 x 14 - 4 Ply Rating
Engine	Type, no. cyl., valve arr.	90° - V8 - OHV	
	Fuel system (Carb. or inj.)	2 - Barrel Carb.	
	Bore and stroke	3.75 x 3.30	
	Piston displ., cu. in.	292	
	Std. compression ratio	8.8	
	Max. bhp at engine rpm	200 @ 4400	
	Max. torque at rpm	285 @ 2200	

\* 8.00 x 14 - 4 Ply Rating, mandatory with Automatic Transmission  
 $\emptyset$  361 Cu.In. Engine available as a Power Option on All Series  
 $\emptyset$  Standard on Station Wagons  
 Model symbol - Station Wagons - 71E-F

NOTE: 6 cyl. engine is available as an option on Ranger and Villager Models.  
 For 6 cyl. engine specification, see 1959 Ford AMA Questionnaire.

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MODEL		RANGER	CORSAIR	CORSAIR
<b>ENGINE—GENERAL</b>		292 Cu. In.	332 Cu. In.	361 Cu. In. <sup>⊖</sup>
Type, no. cyls., valve arr.		90° - V8 - OHV	90° - V8 - OHV	90° - V8 - OHV
Bore and stroke		3.75 x 3.30	4.00 x 3.30	4.05 x 3.50
Piston displacement, cu. in.		292	332	361
Bore spacing (C/L to C/L)		4.38	4.63	4.63
No. system (front to rear)	L. Bank	5-6-7-8	5-6-7-8	5-6-7-8
	R. Bank	1-2-3-4	1-2-3-4	1-2-3-4
Firing order		1-5-4-8-6-3-7-2	1-5-4-2-6-3-7-8	1-5-4-2-6-3-7-8
Compres. ratio (nominal)	Standard	8.8	8.9	9.6
	Optional		None	
Cylinder Head Material	Standard		Cast Iron	
	Optional		None	
Cylinder Sleeve - Wet, dry, none			None	
Number of mounting points	Front		2	
	Rear		1	
Taxable $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$ horsepower		45.0	51.20	52.49
Published max. bhp at engine RPM*	Standard	200 @ 4400	225 @ 4400	303 @ 4600
	Optional			
Published max. torque* (lb. ft. @ RPM)	Standard	285 @ 2200	325 @ 2200	390 @ 2900
	Optional			
Recommended fuel regular - premium	Standard	Regular	93 Oct.	Premium <sup>⊖</sup>
	Optional	Premium	Premium	None
Recommended idle speed (neutral)		475 - 500	475 - 500	475 - 500

## ENGINE—PISTONS

Material	Aluminum
Description and finish	Autothermic Type, Solid Skirt, Tin Plated
Weight (piston only) oz.	

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

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⊖ Power Option on All Series.

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MODEL		RANGER	CORSAIR	
<b>ENGINE PISTONS (Cont.)</b>				
		292 Cu. In.	332 Cu. In.	361 Cu. In. *
Clearance (limits)	Top land	.0128 - .0155	.0184 - .0204	.0180 - .0212
	Skirt	Top	.0016 - .0030	.0020 - .0036
		Bottom	.0012 - .0018	.0015 - .0021
Ring groove depth	No. 1 ring	.2085 - .2147	.2090 - .2152	.2090 - .2152
	No. 2 ring	.2085 - .2147	.2090 - .2152	.2090 - .2152
	No. 3 ring	.2055 - .2067	.2055 - .2117	.2055 - .2117
	No. 4 ring	None	None	None

## ENGINE-RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression		
	No. 2, oil or comp.	Compression		
	No. 3, oil or comp.	Oil		
	No. 4, oil or comp.	None		
Compression	Description - material, type, coating, etc.	Ø	#1 Alloy Cast Iron - Chrome Plated, Face Plain. #2 Alloy Cast Iron - Phosphate Coated Scraper Groove.	
	Width	#1 and #2 .0775 - .0708	#1 .0775 - .0708	#2 .0930 - .0935
	Gap	.010 - .020	.013 - .023	
Oil	Description - material, type, coating, etc.	Steel Type; Three Piece, Chrome-Plated Face		
	Width	.185 Assy (Max)	.186 Assy (Max)	.189 Assy (Max)
	Gap	.015 - .055		
Expanders		Three Piece Sectional Expanders		

## ENGINE-PISTON PINS

Material		Alloy Steel Heat Treated		
Length		3.022 - 3.028	3.156 - 3.170	
Diameter		.9120 - .9123	.9750 - .9753	
Type	Locked in rod, in piston, floating, etc.	Full Floating		
	Bushing	In rod or piston	In Rod	
		Material	Bronze	
Clearance	In piston	.0001 - .0003		
	In rod	.0001 - .0003		
Direction & amount offset in piston		To Right .0575 - .0675		

## ENGINE-CONNECTING RODS

Material		Forged Steel		
Weight (oz.)		24.05	25.75	
Length (center to center)		6.320 - 6.324	6.538 - 6.542	
Bearing	Material & Type	Steel Back Copper - Lead - Alloy	Steel Back Copper - Lead, Tin Alloy	
	Overall length	.736 - .746		
	Clearance (limits)	.0008 - .0027	.0009 - .0028	
	End play	.006 - .016 (Two Rods)		

- \* Power Option on All Series.
- Ø #1 Alloy Cast Iron Chrome Plated Face Tapered.
- #2 Alloy Cast Iron - Oxide Coated - Plain.

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**MAKE OF CAR** EDSEL **MODEL YEAR** 1959 **DATE: ISSUED** 9/15/58 **REVISED** \_\_\_\_\_

**MODEL** RANGER CORSAIR

**ENGINE—CRANKSHAFT** 292 Cu. In. 332 Cu. In. 361 Cu. In. \*

Material		Pearlitic Alloy Iron		
Vibration damper type		Rubber Floated		
End thrust taken by bearing (No.)		3		
Crankshaft end play		.002 - .006		
Main bearing	Material & type	Steel-Backed Copper - Lead Alloy	Steel-Backed Copper-Lead, Tin Alloy	
	Clearance	.0006 - .0032	.0007 - .0029	
	Journal dia. and bearing overall length	No. 1	2.4980 - 2.4988 x .907	2.7484 - 2.7492 x .907
		No. 2	2.4980 - 2.4988 x .907	2.7484 - 2.7492 x .907
		No. 3	2.4980 - 2.4988 x 1.121	2.7484 - 2.7492 x 1.121
		No. 4	2.4980 - 2.4988 x .907	2.7484 - 2.7492 x .907
		No. 5	2.4980 - 2.4988 x .907	2.7484 - 2.7492 x .907
		No. 6	- - -	- - -
No. 7		- - -	- - -	
Dir. & amt. cyl. offset				
Crankpin journal diameter		2.1880 - 2.1888	2.4380 - 2.4388	

## ENGINE—CAMSHAFT

Location		In Block - Between Cylinder Banks		
Material		Alloy Cast Iron		
Bearings	Material	Steel-Backed Babbit		
	Number	Five		
	Gear or chain	Chain		
Type of drive	Crankshaft gear or sprocket material	Sintered Iron or Steel		
	Camshaft gear or sprocket material	Cast Iron		
	Timing chain	No. of links	56	48
		Width	1.00	.86
		Pitch	.375	.50

## ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		Not Offered	Standard
Special provision for valve rotation (intake, exhaust)		Free-Turn	
Rocker ratio		1.54	1.76
Operating tappet clearance (indicate hot or cold)	Intake	.019 Hot	0
	Exhaust	.019 Hot	0
Timing marks on fly-wheel, damper, other		Vibration Damper	

\* Power Option on All Series.

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MAKE OF CAR EDSEL MODEL YEAR \_\_\_\_\_ DATE ISSUED 9-15-58 REVISED \_\_\_\_\_

MODEL \_\_\_\_\_ RANGER \_\_\_\_\_ CORSAIR \_\_\_\_\_

		<b>ENGINE—VALVE SYSTEM (cont.)</b>		292 cu. in.	332 cu. in.	361 cu. in. *
Timing	Intake	Opens (°BTC)	12		22	
		Closes (°ABC)	54		68	
		Duration - deg.	246		270	
	Exhaust	Opens (°BBC)	58		68	
		Closes (°ATC)	8		22	
		Duration - deg.	246		270	
Valve opening overlap		20		44		
Intake	Material		No. 1 Silichrome Steel		Chrome-Nickel Alloy Steel $\emptyset$	
	Overall length		5.11		5.48	
	Actual overall head dia.		1.920 - 1.930		2.022 - 2.032	
	Angle of seat		45°15' - 45°30'		30°15' - 30°30'	
	Seat insert material		None		None	
	Stem diameter		.3416 - .3423		.3711 - .3718	
	Stem to guide clearance			.0010 - .0024 (Select Fit)		
	Lift		.359		.408	
	Outer spring press. and length	Valve closed (lb. @ in.)	71-79 @ 1.780		94-104 @ 1.82	
		Valve open (lb. @ in.)	161 - 177 @ 1.390		180 - 198 @ 1.42	
	Inner spring press. and length	Valve closed (lb. @ in.)	None		None	Damper Only
		Valve open (lb. @ in.)	None		None	
	Material		Cast Austenitic Steel		Cast Austenitic Steel $\emptyset$	
	Overall length		5.09		5.46	
Actual overall head dia.		1.505 - 1.515		1.551 - 1.561		
Angle of seat		45°15' - 45° 30'				
Seat insert material		None		None		
Stem diameter		.3403 - .3410		.3693 - .3700		
Stem to guide clearance		.0023 - .0037 $\emptyset$		.0028 - .0042 $\emptyset$		
Lift		.357		.408		
Outer spring press. and length	Valve closed (lb. @ in.)	71-79 @ 1.780		94-104 @ 1.82		
	Valve open (lb. @ in.)	161 - 177 @ 1.390		180 - 198 @ 1.42		
	Valve closed (lb. @ in.)	None		None	Damper Only	
Valve open (lb. @ in.)						

## ENGINE—LUBRICATION SYSTEM

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

(Continued)

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\* Power Option on All Series

$\emptyset$  Aluminum Coated

$\emptyset$  Select Fit

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<b>MODEL</b>	<b>RANGER</b>	<b>CORSAIR</b>
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<b>ENGINE—LUBRICATION SYSTEM (cont.) *</b>	332 cu.in.	361 cu.in. $\emptyset$
Oil pump type	Rotor	
Normal oil pressure (lb. @ engine rpm)	45 - 50 @ 2000	43 - 54 @ 2000
Oil pressure sending unit (elect. or mech.)	Electrical	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, partial, other)	Full Flow	
Filter replacement (element, complete)	Complete	
Capacity of crankcase, less filter-refill (qt.)	5	
Oil grade recommended (SAE viscosity and temperature range)	Above 32°F - SAE 20 or 20W 32°F to 10°F - SAE 10 or 10W Below 10°F - SAE 5W	
Engine Service Requirement (MM, MS, etc.)	MS - DG	

### ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single $\emptyset$	
Muffler No. & type (reverse flow, straight thru, separate resonator)	3 Pass. Reverse Flow	
Exhaust pipe dia. (O.D. wall thickness)	Branch	1.75 x .090
	Main	2.25 x .090
Tail pipe diameter (O.D. & wall thickness)	2.00 x .049	

### ENGINE—FUEL SYSTEM

(See Supplement to Page 6 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.	Carburetor			
Fuel Tank	Capacity (gals.)	20		
	Filler location	Rear, Back of License Plate		
Fuel Pump	Type (elec. or mech.)	Mechanical		
	Locations	Left Front of Engine		
	Pressure range	4.5 - 5.5 psi at 3600 RPM		
Vacuum booster (std., optional, none)	Standard			
Fuel Filter	Type	Accelerated Fiber		
	Locations	Fuel Pump Sediment Bowl		
Carburetor	Make & Model No.	Ford or Holley		
	Number & Type	1 - 2 Barrel Downdraft	1 - 4 Barrel	
	Barrel size	1.4375	1.50	
	Choke type	Automatic		
	Intake manifold heat control (exhaust or water)	Exhaust		
	Air clnr. type	Standard	Dry Replaceable Element	
		Optional	Not Offered	

\* 292 cu.in. Engine

$\emptyset$  Power Option on All Series

$\emptyset$  Dual Exhaust is Standard on Convertible; RPO on All Others Except Ranger Equipped Standard 292 Engine

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**MODEL** RANGER CORSAIR

**ENGINE—COOLING SYSTEM** 292 cu.in. 332 cu.in. 361 cu.in.  $\phi$

Type (pressure system, atmospheric, other)		Pressure System		
Radiator cap relief valve pressure		12 - 15 psi Above Atmospheric Pressure		
Circulation thermostat	Type (choke, bypass)	Choke Type, Pellet Operated		
	Starts to open at ( $^{\circ}$ F)	177 - 182		
Water pump	Type (centrifugal, other)	Centrifugal		
	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)		Corrugated Fin and Tube		
Cooling system capacity	With heater (qt.)	20		
	Without heater (qt.)	19		
	Opt. equipment-specify (qt.)	None		
Water jackets full length of cylinder (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One Molded	
		Inside diameter	2.00	
	Upper	Number and type (molded, straight)	One Molded	
		Inside diameter	1.50	
	By-pass	Number and type (molded, straight)	One Straight	
		Inside diameter	.578 - .640	.85 - .90
Fan	Number of blades & Spacing		4 Uneven	
	Diameter		18.5	18.5
	Ratio-fan to crankshaft rev.		.90 to 1 $\phi$	.97 to 1
	Fan cutout type		Not Offered	
	Bearing type		Double Row, Sealed Ball (Water Pump Bearing)	
*Drive belts (indicate belt used by letter)	Fan	B	H	A
	Generator	B	H	A
	Water Pump	B	H	A
	Power Steering	D	E	E
	Air Conditioning	F	G	C

**O Power Option on All Series**

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* Drive Belt Dimensions	A	B	C	D	E	F	G	H
Angle of V	36 $^{\circ}$	36 $^{\circ}$	36 $^{\circ}$	36 $^{\circ}$	36 $^{\circ}$	36 $^{\circ}$	36 $^{\circ}$	36 $^{\circ}$
Nominal length (SAE)	43.76	44.80	54.49 $\phi$	40.08	38.85	51.30 $\phi$	53.90 $\phi$	44.41
Width	.380	.380	.380	.380	.380	.469	.469	.380

- $\phi$  1.05 to 1 With Air Conditioning
- $\phi$  With Lehig Compressor, 55.90 Tecumseh Compressor
- $\phi$  With Lehig Compressor, 55.30 Tecumseh Compressor
- $\phi$  With Lehig Compressor, 52.40 Tecumseh Compressor

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MAKE OF CAR EDSEL MODEL YEAR 1959 DATE ISSUED 9/15/58 REVISED \_\_\_\_\_  
 MODEL RANGER CORSAIR

## ELECTRICAL—SUPPLY SYSTEM

		Various	
Battery	Make and Model	12 - 66 - 55 AH	
	Voltage Rtg. & Total Plates	4NA 55 at 20 - Hour Rate	
	SAE Designation & Amp Hr. Rtg		
	Location	Engine Compartment Right Front	
	Terminal grounded	Negative	
Generator	Make	Ford	
	Model	2900643	
	Type	Shunt	
	Ratio—Gen. to Cr/s rev.	2.25:1	
	Gen. cut-in—engine rpm	555	
Regulator	Make	Ford or American Bosch	
	Model	2900424	
	Type	3 - Unit	
	Cutout relay	Closing voltage @ generator rpm	12.4 - 13.2 at 1100 - 1200
		Reverse current to open	6 - 9
	Regulated	Voltage	14.6 - 15.4
		Current	28 - 32
	Voltage test conditions	Temperature	75 F
		Load	5 AMPS
		Other	None

## ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Ford	
	Model	FAR-11001-A	
	Rotation (drive end view)	Clockwise	
	Engine cranking speed	150 - 180 RPM (Hot)	
	Test conditions	85 F	
	Lock test	Amps	550
		Volts	5
		Torque (lb. ft.)	15.5
	No load test	Amps	85
		Volts	12
RPM (min.)		4500	
Motor control	Switch (solenoid, manual)	Solenoid	
	Starting procedure	Turn Ignition Key Beyond "ON" Position	



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**MODEL** RANGER CORSAIR

## ELECTRICAL—STARTING SYSTEM (cont.)

Motor drive	Engagement type		Bendix Folo-Thru
	Pinion meshes (front, rear)		From Rear
	Number of teeth	Pinion	9
		Flywheel	Synchronesh Trans-146 <span style="float: right;">Automatic Trans - 153</span>
Flywheel tooth face width		.375	

## ELECTRICAL—IGNITION SYSTEM

Coil	Make		Ford	
	Model		FAC-12029-A	
	Amps	Engine stopped	4.5	
Engine idling		2.5		
Distributor	Make		Holly or Ford	
	Model		9FA-12127-A <span style="float: right;">FEU-12127-J <span style="float: right;">o</span></span>	
	Centrifugal adv. in crankshaft degrees @ engine rpm	Start (rpm)	0° @ 300	0° @ 300
		Intermediate points deg. @ rpm	3° @ 1000	3° @ 1000
			9° @ 1500	17° @ 1800
		Max deg. @ rpm	29° @ 4000	29° @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg.	Start (in. Hg)	0° @ 1"	0° @ 1"
		Intermediate points, deg. @ in. Hg	3° @ 6"	3° @ 6"
			11° @ 9"	12° @ 10"
		Max. deg. in. Hg.	22° @ 15"	22° @ 15"
	Breaker gap (in.)		.014 - .016	
	Cam angle (deg.)		26 - 28.5	
Breaker arm tension (oz.)		17 - 20		
Crankshaft deg. @ rpm.		3° Std. Trans. - 6° Auto. @ 550		
Mark location		Vibration Damper		
Timing	Cylinder numbering system (see page 2)		Left 5-6-7-8 <span style="float: right;">Right 1-2-3-4</span>	
	Firing order (see page 2)		∅ <span style="float: right;">∅</span>	
Spark Plug	Make and model		292 Cu.In. <span style="float: right;">332-361 Cu.In.</span> F-14Y <span style="float: right;">F-11Y</span>	
	Thread (mm)		18	
	Tightening torque (lb. ft.)		20 - 30	
	Gap		.032 - .036	
Cable	Conductor type		Resistance Core Cable	
	Insulation type		Neoprene Sheath	
	Spark plug protector		Applied "Fypalon" Boot	

## ELECTRICAL—SUPPRESSION

Description	Capacitors at the Generator and Voltage Regulator. Wheel static collectors in front wheels Resistance core cable from the coil to the distributor and from the Distributor to the Spark Plugs.
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∅ Distributor use on 361 cu.in. Engine; FEU-12127-N.  
 ∅ See page two.

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**MODEL** \_\_\_\_\_ **RANGER** \_\_\_\_\_ **CORSAIR** \_\_\_\_\_

## ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	King Seeley or Ford
	Trip odometer (yes, no)	No
Charge indicator-type		Warning Light
Temperature indicator-type		Electric Gage
Oil pressure indicator-type		Warning Light
Fuel indicator-type		Electric Gage
Other		
Ignition switch	Identify positions in order and circuits controlled	Vertical - Off Position - Key Removable in This Position Only. Counter - Clockwise - Accessory Circuit On. Clockwise - 40° From Vertical - Ignition and Accessory Circuit On. Clockwise - 70° From Vertical - Ignition and Starter Circuit Only.
	Provision for illumination	Indirect Light
	Location	Back of Switch Assembly
Main lighting switch	Identify positions and lights controlled	Pull-Out - 1st Position: Parking, Taillights, License and Instrument Panel Lights. 2nd Position: Headlights, Taillights, License and Instrument Panel Lights. Rotate Knob Clockwise to Dim Instrument Panel Lights, and Counter Clockwise to Brighten Instrument Panel Lights and Turn Dome Lamp On.
Other light switches	Locations and lamps controlled	Refer to Page 10A
Other switches	Locations and devices controlled	Refer to Page 10A
Windshield wiper	Make	Trico
	Type	Vacuum
	Vacuum booster provision	Yes
	Washer provision	Yes
Horn	Type	Air-Electric
	Number used	Two
	Amp draw (each)	10 Maximum

MAKE OF CAR: Edsel

MODEL YEAR: 1959

DATE ISSUED: 9/15/58

REVISED:

MODEL:

RANGER

CORSAIR

## Electrical - Instruments and Switches

## Lighting Switches and Lamps Controlled

<u>Switch Location</u>	<u>Lamps Controlled</u>
Integral with Lamp	Glove Box
Parking Brake Support Bracket	Parking Brake Warning Light
Door Pillars	Dome or Courtesy Lamps
Instrument Panel	Headlamps
Instrument Panel	Heater Blower
Instrument Panel	Windshield Wiper
Brake Master Cylinder	Stop Lamps
Toe Board	Head Lamp High, Low Beam
Steering Column	Back-Up Lamps
Integral with Lamp	Luggage Compartment

## Switches and Devices Controlled

<u>Switch Location</u>	<u>Device Controlled</u>
Instrument Panel	Ignition Switch
Instrument Panel	Convertible Top Control
Left Lower Side Shield Front Seat	Front Seat
Door Panel	Window Regulator

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**MODEL** RANGER CORSAIR

## 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 37.5 - 50 Watts #4002 (Outboard) and Two 37.5 Watts #4001 (Inboard)
Headlamp beam indicator	One 1 Cp. #1445
Parking light	Two 4-32 Cp. #1034
Tail light	Two 4-32 Cp. #1034 (Outboard and Two 4-Cp. #67 (Inboard)
Stop light	See - Outboard Taillight
Direction signal	Front
	Rear
	Indicator
License plate light	See Parking Light
Instrument light	See - Outboard Taillight
Ignition lock light (Controls)	Two 2 Cp. #57
Back up light	One 4 Cp. #67
Dome light	Three 2 Cp. #57 for Speedo. & Gauges - T o 1 Cp. #1445 for Oil and Gen.
Clock light	Two 1 Cp. #1445
Radio light	Two 21 Cp. #1141 Sta. Wag. - Two 21 Cp. #1141 on All Other Models
Glove compartment light	One 15 Cp. #1003
Spotlight	One 2 Cp. #57
Heater Light	One 2 Cp. #57 or One 2 Cp. #1815
Courtesy Light (Convertible)	One 2 Cp. #57
Brake Light	One 6 Cp. #89
Engine Compartment	One 2 Cp. #57
Trunk Light	One 15 Cp. #93
	One 6 Cp. #89

## 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 lights SFE-10 (a), Direction indicator same as (a).

Headlamp	18 C. B. High Beam (A) 12 C. B. Low Beam (B)
Headlamp beam indicator	18 C. B. (A)
Parking light	12 C. B. (C)
Tail light	12 C. B. (C)
Stop light	12 C. B. (C)
Direction indicator	See 7.5 (D)
License plate light	12 C. B. (C)
Instrument light	12 C. B. (C)
Ignition light	12 C. B. (C)
Back up light	12 C. B. (C)
Dome light	See 7.5 (D)
Clock	2 Amp. Fuse 1 AG-1.0 (Motochron, Not Fused)
Clock light	12 C. B. (C)
Radio	1 Tube 1 AG-5, 9 Tube See 7.5
Glove compartment light	(Continued - Page 11A)

MAKE OF CAR: Edsel                      MODEL YEAR: 1959                      DATE ISSUED: 9/15/58

REVISED:

MODEL:                      RANGER                      CORSAIR

Electrical - Fuse and Circuit Breaker Data

Cigar Lighter	3AG 15
Air Conditioning Blower	20 CB
Convertible Top	30 CB
Seat Regulator	30 CB, 10 CB
Window Regulator	30 CB, 15 CB
Automatic Trans. Shifter	45 CB, 12 CB
Door Lock	30 CB
Luggage Compt. Lock	20 CB
Park Brake Warning	SFE 7.5

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b>	EDSEL	<b>MODEL YEAR</b>	1959
<b>DATE: ISSUED</b> 9/15/58		<b>REVISED</b>	
<b>MODEL</b>	RANGER	CORSAIR	

## DRIVE UNITS—CLUTCH (Manual Transmission)

<b>Make &amp; type</b>		Long-Semi-Centrifugal	
<b>Type pressure plate springs</b>		Coil	
<b>Total plate pressure (lb.)</b>		1278	1575
<b>No. of clutch driven discs</b>		One	
<b>Clutch facing</b>	<b>Material</b>	Woven Asbestos	
	<b>Outside &amp; inside dia.</b>	10 x 6.75	11 x 7
	<b>Total eff. area (sq.in.)</b>	85.52	113.10
	<b>Thickness</b>	.125	
	<b>Engagement cushioning method</b>	Torband Disc with Spring Vibration Damper	
<b>Release bearing</b>	<b>Type &amp; method of lubrication</b>	Pre-Packed Sealed Ball Thrust	
<b>Torsional damping</b>	<b>Methods: springs, friction material</b>	Spring - Steel	

## DRIVE UNITS—TRANSMISSIONS

<b>Manual (std. or opt.)</b>	Standard	
<b>Manual with overdrive (std. or opt.)</b>	Not Offered	
<b>Automatic (std. or opt.)</b>	Two Speed *	Two Speed * Dual Range ◊

## DRIVE UNITS—MANUAL TRANSMISSION

<b>Number of forward speeds</b>		3		
<b>Transmission ratios</b>	<b>In first</b>	2.40:1	2.32:1 ◊	
	<b>In second</b>	1.49:1	1.48:1	
	<b>In third</b>	1.00:1	1.00:1	
	<b>In fourth</b>	None		
	<b>In reverse</b>	2.86:1	2.82:1	
<b>Synchronous meshing, specify gears</b>		Second and Third		
<b>Lubricant</b>	<b>Capacity (pt.)</b>	3.25		
	<b>Type recommended</b>	Mild Extreme Pressure		
	<b>SAE viscosity number</b>	Summer	SAE 80	
		Winter	SAE 80	
		Extreme cold	SAE 80	

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- \* Optional With 292 and 332 cu.in. and 361 cu.in. Engines.
- ◊ Optional With 361 cu.in. Engine Option.
- ◊ Standard With Station Wagons.

# AMA Specifications – Passenger Car

**MAKE OF CAR** EDSEL      **MODEL YEAR** 1959      **DATE: ISSUED** 9/15/58      **REVISED** \_\_\_\_\_  
**MODEL** \_\_\_\_\_      **APPLICATION (See Page 12)** \_\_\_\_\_

## DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		/
	Manual lockout (yes, no)		
	Downshift accelerator control (yes, no)		
	Minimum cut-in speed		
	Gear ratio		
Lu- bri- cant	Capacity (Overdrive only)		/
	Separate filler (yes, no)		
	Type recommended		
	SAE vis- cosity number	Summer Winter Ext. cold	

## DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Two-Speed	Dual Range
Type describe	Torque Converter with Planetary Gear Set	
Method of Selection (Lever, Push Button or other)	Lever	Lever
Selector Pattern	P R N D L	P R N D2 D1 LO
List gear ratios Selector Pattern and indicate which are used in each selector position	REV 1.50      DR 1.75      LO 1.75	REV 2.00      DR-2 1.46      D1 1.46      LO 2.40 1.00      1.00
Max. upshift speeds—drive range	56 Approx.	60 Approx. ①
Max. kickdown speeds—drive range	51 Approx.	55 Approx. ①
Torque converter	Three	
	2.6:1 (292) 1720	2.5:1 (332) 1450
	1.9:1 (361)	
Lubricant	Water	
	Water	
Capacity—refill (pt.)	22.0	
	22.4	
Type recommended	Type A: Transmission Fluid	

**Special transmission features**

Manual shifting from Drive to Low Range (for braking) is possible with both Two-Speed or Dual Range Transmissions at Any Speed. In general, however, it is recommended that Manual Shifts from Drive to Low be avoided at speeds above 60 MPH with the Two-Speed, and 75 MPH with the Dual Range Transmissions.

Low Gear starts with Dual Range are possible only when the Selector Lever is in D1 or Low Range. When Manual shifting from D1 or D2 Range to Low at Speeds of approximately 25 MPH or more, the Transmission will automatically select Intermediate Gear. As Deceleration continues the Transmission will automatically shift to Low at Speeds below 25 MPH.

① Applicable with the 332 cu.in. Engine and Two-Speed Transmission.

# AMA Specifications – Passenger Car

**MAKE OF CAR** EDSEL **MODEL YEAR** 1959 **DATE ISSUED** 9/15/58 **REVISED** \_\_\_\_\_  
**MODEL** RANGER CORSAIR

## DRIVE UNITS—PROPELLER SHAFT

Number used		One
Type (exposed, torque tube)		Exposed
Outer diameter x length* x wall thickness	Manual transmission	3.00 x 58.70
	Overdrive transmission	Not Offered
	Automatic transmission	2.75 x 58.86
Inter-mediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	Prepack
Universal joints	Make	Spicer
	Number used	Two
	Type (ball and trunnion, cross, other)	Cross
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Pre-Packed
Drive taken through (torque tube or arms, springs)		Springs
Torque taken through (torque tube or arms, springs)		Springs

## DRIVE UNITS—REAR AXLE

Description - (incl. limited slip differential)		Semi-Floating Hypoid - Standard			
Drive Pinion Offset		2.25			
No. of differential pinions		2			
Gear ratio and No. of teeth	Automatic transmission	3.10:1 ⊕	3.10:1 ⊗	2.91:1 ∅	
	Overdrive trans.	Not Offered			
	Manual transmission	3.56:1	3.70:1 ⊗	3.56:1	
Ring gear pitch diameter & O.D.		8.75			
Pinion adjustment (shim, other)		Shim			
Pinion bearing adj. (shim, other)		Shim			
Wheel bearing type		Ball			
Lubricant	Capacity (pt.)				
	Type recommended	Hypoid Extreme Pressure			
	SAE viscosity number	Summer	SAE 90		
		Winter	SAE 90		
Extreme cold		SAE 90			

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

- ⊕ Two Speed Auto. Trans. Ranger Series.
  - ∅ Two Speed or Dual Range Transmission.
  - ⊗ Gear Ratio; Station Wagons
- NOTE: Engine & Transmission Program Not Finalized.**



# AMA Specifications – Passenger Car

**MAKE OF CAR** EDSEL      **MODEL YEAR** 1959      **DATE: ISSUED** 9/15/58 **REVISED** \_\_\_\_\_  
**MODEL** \_\_\_\_\_      RANGER      CORSAIR

## DRIVE UNITS—WHEELS

Type & material		Stamped Steel Disc
Rim (size and flange type)		14 x 5-1/2 J
Attachment	Type (bolt or stud)	Stud
	Circle diameter	4.5
	Number and size	5 Studs 1/2

## DRIVE UNITS—TIRES

Standard	Size & ply	7.50 x 14 - 4 Ply Rating *	8.00 x 14 - 4 Ply Rating
	Type - Nylon, etc.	Rayon	
	Sidewall color	Black	
Optional	Size & ply	7.50 x 14 - 8.00 x 14 4 or 6 Ply Rating	
	Type - Nylon, etc.	Rayon	
	Sidewall color	BSW or WSW	
Rev./mile at 30 mph		784	770
Inflation press.(cold)	Front	24	
	Rear	22	

## BRAKES—SERVICE

Type		Bendix Duo-Servo		
Power brake type		Vacuum Assisted		
Effective area (sq. in.)		167.5	167.05	
Gross lining area (sq. in.)		191.5	191.05	
Percent brake effectiveness-front		55.5	55.5	
Drum	Diameter	11.0		
		11.0		
Type and material		Composite: Cast Iron Rim - Press Steel Web		
Bonded or riveted		Riveted		
Brake lining	Front Shoe	Material	Molded Asbestos	
		Size (length x width x thickness)	9.3 x 2.50 x .214	
		9.3 x 2.00 x .214		
	Segments per shoe	One		
	Rear Shoe	Material	Molded Asbestos	
		Size (length x width x thickness)	12.0 x 2.50 x .214	
	12.0 x 2.00 x .214			
Segments per shoe		One		
Wheel cyl-inder bore	Front	1.125		
	Rear	.937	.968 Ⓢ	
Master cylinder bore		1.00 Ⓢ		
Available pedal travel		6.50		
Line pressure at 100 lb. pedal load		700		
Shoe clearance adjustment		.010		

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- \* 8.00 x 14 Mandatory with Auto. Transmission
- Ⓢ Bendix 5-1/4 Dia. Disc Reaction Vacuum Booster Brake with Integral Linkage - Optional.
- Ⓢ Automatic Brake Adjusters - Standard equipment all models.
- Ⓢ Station Wagon Cyl. Bore

# AMA Specifications – Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE ISSUED 9/15/58 REVISED \_\_\_\_\_

MODEL RANGER CORSAIR

## BRAKES—PARKING

Type of control		Foot
Location of control		Under Instrument Panel - Left of Steering Column
Operates on		Rear Service Brakes
If separate from service brakes	Type (Internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

## FRAME or UNITIZED CONSTRUCTION

Type and description	Ladder with Full Length Boxed Side Rails and Five Cross Members. "X" Member in Convertible Only.
----------------------	-----------------------------------------------------------------------------------------------------

## SUSPENSION—GENERAL (See Supplemental page 16 for details on Air Suspension)\*

Provision for car leveling		None
Provision for brake dip control		None
Provision for acc. squat control		None
Special provisions for car jacking		None
Shock absorber front & rear	Type	Direct Acting
	Make	Various
	Piston dia.	1.0
Other special features		

## SUSPENSION—FRONT

Type and description      Independent SIA Suspension with Ball Joints and Coil Springs. The Upper Ball is Spring Loaded to Exert a Controlled Amount of Friction. The Lower Ball Joints Have Thrust Bearings to Provide a Smooth Turning Feel Throughout the Steering Range. Direct Acting Shock Absorbers are Concentrically Mounted Within the Coil Spring.

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

# AMA Specifications – Passenger Car

<b>MAKE OF CAR</b> <u>EDSEL</u>	<b>MODEL YEAR</b> <u>1959</u>	<b>DATE: ISSUED</b> <u>9/15/58</u>	<b>REVISED</b>
<b>MODEL</b>	All Except 76 & 71	76	71

## SUSPENSION FRONT (cont.)

		<b>Coil</b>		
<b>Spring</b>	Type	Steel - SAE - 9260-5160		
	Material			
	Size (coil design height & I.D.; bar length x dia.)	9.60 x 4.03		
	Spring rate (lb. per in.)	385	415	460
	Rate at wheel (lb. per in.)	87.8	94.6	104.9
	Design load (lb. @ design height)	2350	2550	2280
<b>Stabilizer</b>	Type (link, linkless, frameless)	<b>Link</b>		
	Material & bar diameter	.69		.72

## STEERING

		<b>Standard</b>
<b>Mechanical (std., opt., NA)</b>		<b>Optional</b>
<b>Power (std., opt., NA)</b>		17.5
<b>Wheel diameter</b>		44.0 (Est)
<b>Turning diameter</b>	<b>Outside front</b>	41.9 (Est)
		24.8 (Est)
	<b>Inside rear</b>	25.4 (Est)

Outside wheel angle with inside wheel at 20°

17.0°

<b>Mechanical</b>	<b>Gear</b>	Type	<b>Recirculating Ball Nut</b>		
		Make	Ford		
		Ratios	Gear	23.6:1	
			Overall	31.8:1	
No. wheel turns		5 (Approx)			
<b>Power</b>	<b>Gear</b>	Type	<b>Linkage</b>		
		Make	Ford		
		Trade name	Ford		
	Ratios	Gear	20:1		
		Overall	27:1		
		Pump driven by	Belt		
	Number wheel turns		5 (Approx) Lock to Lock		
<b>Linkage</b>	Type		<b>Parallelogram</b>		
	Location (front or rear of wheels, other)		<b>Rear</b>		
	Drag link (trans. or longit.)		<b>Transverse</b>		
	Tie rods (one or two)		<b>Two</b>		

(Continued)

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# AMA Specifications – Passenger Car

**MAKE OF CAR** EDSEL **MODEL YEAR** 1959 **DATE: ISSUED** 9/15/58 **REVISED**

**MODEL** RANGER CORSAIR

## STEERING(cont.)

Steering Axis	Inclination at camber (deg.)		6°45' (Curb)
	Bearings (type)	Upper	Ball Joint Spring Loaded
		Lower	Ball Joint
		Thrust	Teflon Bearing in Lower Ball Joint
Wheel alignment (range and preferred)	Caster (deg.)		0° to +1° * (Positive)
	(Curb Weight)		+30' to +1°30' ⊖ (Positive)
	Camber (deg.)		.0625 to .12
	Toe-in (outside tread-inches)		Ball Socket Joint
Steering spindle & joint type			Ball Socket Joint
Wheel spindle	Diameter	Inner bearing	1.12 I.D.
		Outer bearing	.75 I.D.
	Thread size		3/4 - 16 NF3
	Bearing type		Tapered Roller

## SUSPENSION—REAR

Type and description			Hotchkiss Drive			
Drive and torq. taken through (see page 14)			Rear Springs			
Spring	Type		Semi-Elliptical			
	Material		SAE Spring Steel - 5160			
	Size (length x width, coil design height and I.D.; bar length & dia.)		58.0 x 2.5	55.0 x 2.0 ∅		
	Spring rate (lb. per in.)		95	125		
	Rate at wheel (lb. per in.)		115			
	Design load (lb. at design height)		875	1037		
	Mounting insulation type			Rubber Bushed Shackle		
	If leaf	No. of leaves		5	6	
		Inserts	Type and size	2.25 x 2.25	1.75 x 1.75	
			Material	Fabric		
Shackle (comp. or tens.)		76° Compression	70° Torsion			
Stabilizer	Type (link, linkless, frameless)		None			
	Material		None			
Track bar type			None			

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- \* Caster Not to Vary More Than .50 Deg. From One Side to the Other.
- ⊖ Camber Not to Vary More Than .50 Deg. From One Side to the Other.
- ∅ Station Wagons.

# AMA Specifications – Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE: ISSUED 9/15/58 REVISED \_\_\_\_\_

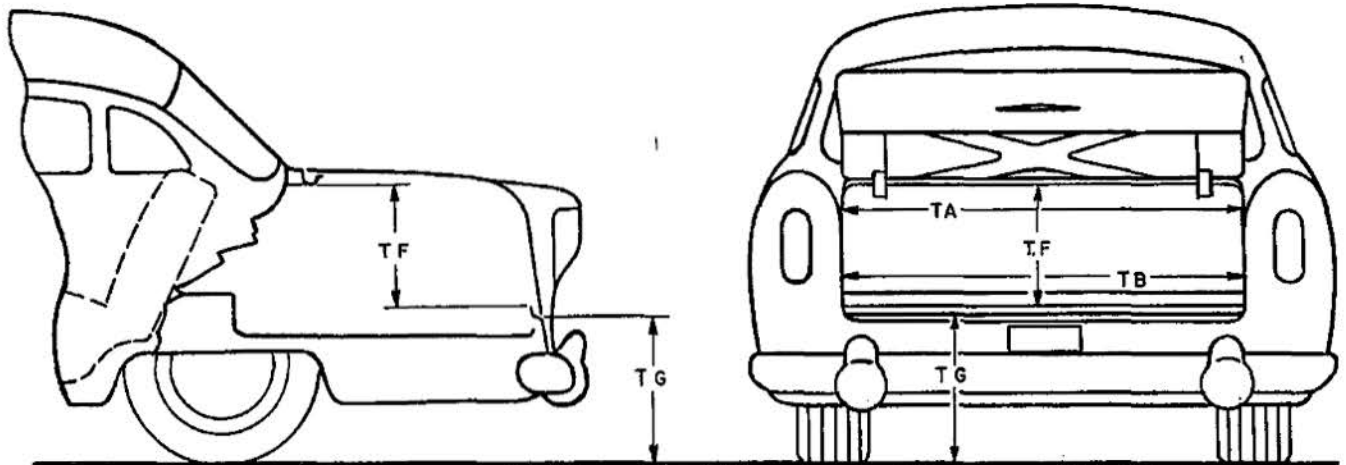
## BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been adopted by the S.A.E. These are indicated by a number following the type of dimension, e.g. L 3. Additional dimensions have been added by the AMA Specifications Body Sub-Committee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. Symbol "a" added as suffix to SAE dimensions indicates an AMA modification. The dimensions are developed from the following basic points:

1. Front and rear seat free "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
2. Front and rear seat "B" points are located on seat back 15" from center of body at height of horizontal tangent to top of seat cushion.
3. Front seat is in the full down and normal rearmost position.
4. Loaded position—5 passenger, front 300 lb., rear 450 lb.; includes spare wheel, tire and tools, and full complement of gas, oil, water, and tires to recommended pressure, etc.
5. C/L (centerline).
6. D. L. O. (daylight opening, exposed glass dimension - pages 21, 23 & 25).
7. Ramp breakover angle (page 21) is the supplement of the included ramp angle (180° minus the included ramp angle) over which a car can pass without hanging up.

MODEL	EDSEL	RANGER	CORSAIR
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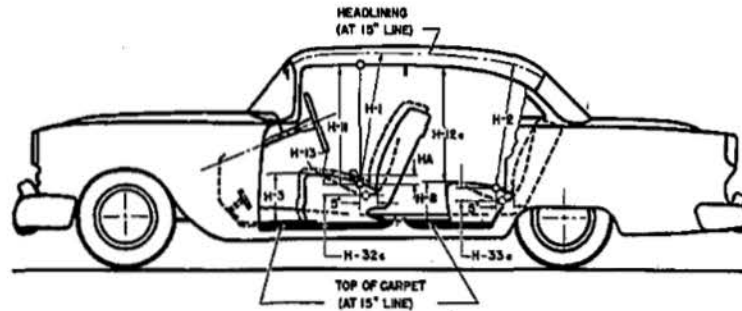
## BODY—TRUNK DIMENSIONS



Usable trunk luggage capacity (see Section H1 of SAE Automotive Drafting Standards)	32.0
TA—Width across the top	54.40
TB—Width across the bottom	56.26
TF—Vertical dimension at C/L from bottom to top of opening.	18.84
TG—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	
Position of spare tire stowage	Horizontal on Inclined "Kick-Up" Area Between R. H. and L. H. Rear Wheelhouse at Centerline of Car.
Method of holding lid open	Torsion Bar

# AMA Specifications – Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE ISSUED 9/15/58 REVISED \_\_\_\_\_  
**BODY—HEIGHT DIMENSIONS--INTERIOR**

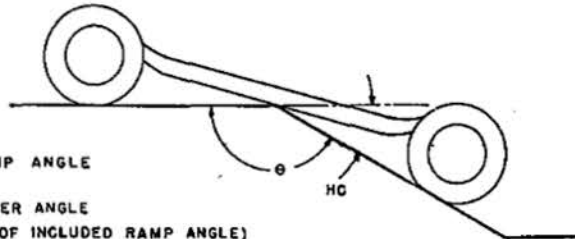
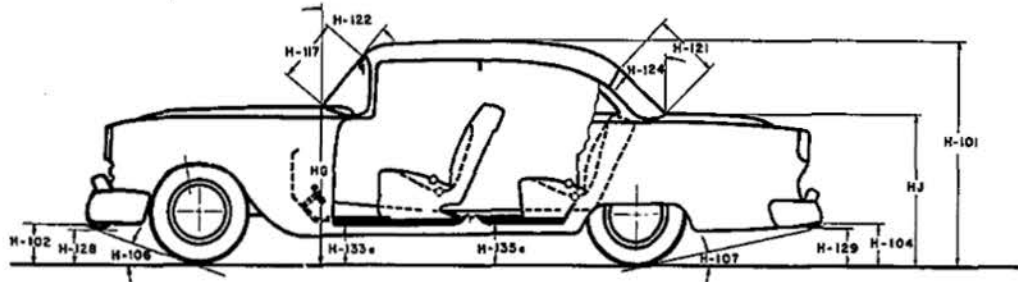


MODEL	57F	58D	63F	64C	57B	58B	63B	76E	
H1. Front headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line. (For "A" pt. see note 1, page 19)	33.83							34.54	*
H2. Rear headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line.	33.52							33.75	*
H3. Front cushion height above low point on floor carpet on 15" line (front edge of cushion).	10.1							10.37	*
H8. Rear cushion height above low point on floor carpet on 15" line (front edge of cushion).	12.78							12.72	*
H11. Entrance—front—cushion free "A" point to bottom windcord vertical.	28.3	28.5	28.9	28.5	29.0	28.45	29.0	28.38	*
H12a. Entrance—rear—top of cushion at vertical tangent to front of rear seat, to bottom of windcord in rear.	27.15	26.61			27.15	26.61			*
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance).	5.18							4.94	*
HA. Front seat maximum vertical rise at free "A" point.	1.8								
HF. Front seat maximum vertical rise of free "A" point with multiple-position seat.	NA								
H32a. Front seat depressed depth — vertical dimension from free "A" point to depressed "A" point.	5.3								
H33a. Rear seat depressed depth — vertical dimension from free "A" point to depressed "A" point.	4.8							4.6	

\* Note: Seat in Rear Position

# AMA Specifications – Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE: ISSUED 9/15/58 REVISED \_\_\_\_\_  
**BODY—HEIGHT DIMENSIONS—EXTERIOR**

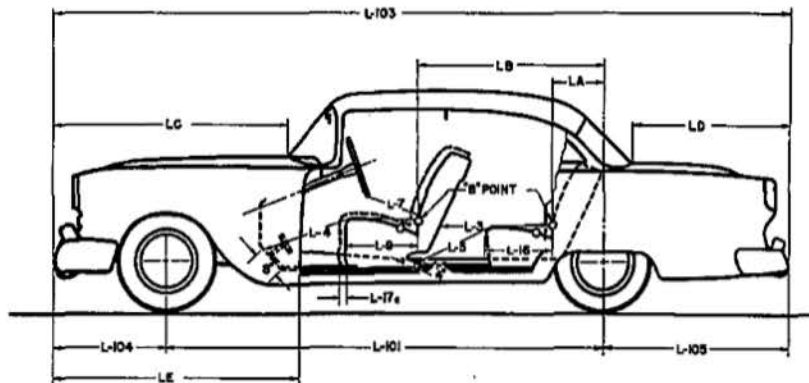


MODEL	57F 63F	58D	64C	57B 58B	63B	76E
H101. Overall height - loaded.	56.0	56.0	56.0	56.2	56.2	56.71
HB. Overall height - curb weight.	57.66	57.66	57.66	57.86	57.86	58.40
H102. Front bumper bottom to ground at normal section.	12.81	12.81	12.81	13.01	13.01	13.01
H104. Rear bumper bottom to ground at normal section.	11.66	11.66	11.66	11.86	11.86	11.86
H106. Angle of appr.-fr. tire static loaded rad. to interfering pt. on fr. bumper, gd., other.	$21^{\circ}$			$22^{\circ}59'$		
H107. Angle of dep.-fr. tire static loaded rad. to interfering pt. on rr. bumper, gd., other.	$11^{\circ}47'$			$11^{\circ}59'$		
HC. Ramp breakover angle.*	$12^{\circ}31'$			$12^{\circ}54'$	$12^{\circ}03'$	
H117. Windshield DLO-slant height.	20.04			20.04	18.92	
H121. Backlight DLO*-max., slant height.	16.78			16.78	20.65	
H122. Windshield slope angle to vertical line on car axis.	$44^{\circ}$			$44^{\circ}$	$44^{\circ}$	
H124. Backlight slope angle to vertical line on car axis.	$46^{\circ}$			$46^{\circ}$	$54^{\circ}18'$	
H128. Ground to bottom of front bumper guard.	Not Applicable					
H129. Ground to bottom of rear bumper guard.	Not Applicable					
H133a. Bottom of front door to ground, min. dimension - car loaded.	10.8					
H135a. Bottom of rear door to ground, min. dimension - car loaded.	10.8					
HD. Min. road clear. (5 pass. load) & loc.	5.96			Approx. 26.0 In. Rear of C/L Front Wheels		
HE. Min. road clearance at rear axle.	7.05			7.25	7.25	
HG. Hood at rr. to grd.-vert. dim. excl. molding, fr. hood opening line at cowl (curb wt.)	39.8			40.0		
HH. Max. ht., fr. grd. frt. of windshield (curb wt.)	39.8					
HJ. Max. ht. fr. grd. back of r. window (curb wt.)	38.3					

\* See Notes, page 19.

# AMA Specifications — Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE ISSUED 9/15/58 REVISED \_\_\_\_\_  
**BODY—LENGTH DIMENSIONS**



MODEL	57F	58D	63F	64C	57B	58B	63B	76E
* L3. Rear compartment of front seat back to rear seat back.		30.0				29.80		27.46
* L4. Leg room—front—ball of foot to top of seat to seat back—15" line.		42.77				42.80		42.83
* L5. Leg room—rear—from ball of foot to top of seat cushion and to seat back.		40.36				40.36		38.37
L7. Steering wheel clearance to seat back taken on arc.		13.33				13.33		13.24
* L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).		18.57				18.61		18.61
* L16. Depth of rear seat (front edge to seat back).		18.36				18.36		18.10
L17a. Total adjustment of front seat at front lower seat frame.				4.0				
LA. Rear seat "B" point to center line of rear axle.		20.94				20.94		23.42
LB. Front seat "B" point to center line of rear axle.				57.4				
LC. Front of car to base of windshield.				57.42				
LD. Rear of car to base of rear window or upper structure.				51.76				51.88
LE. Front of car to front edge of front door.				65.5				
L101. Wheelbase.				120.0				
L103. Overall length (bumper to bumper inc. guards).				210.90				
L104. Overhang—front including bumper guards.				35.46				
L105. Overhang—rear including bumper guards.				55.4				

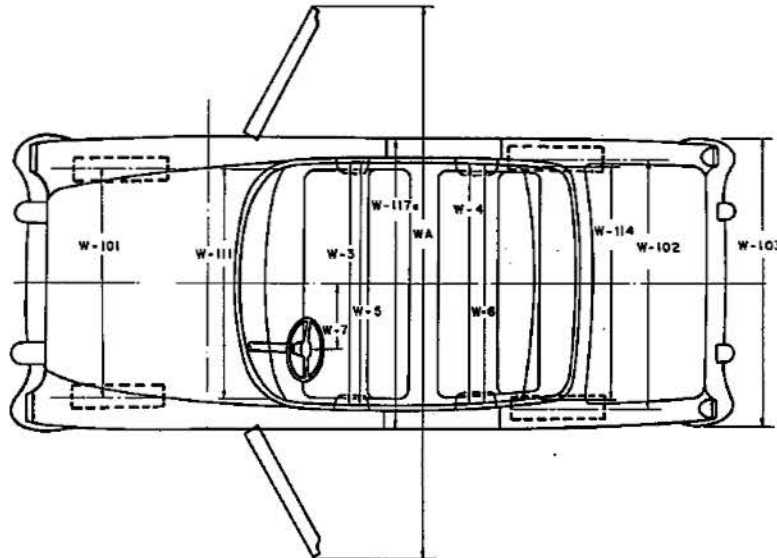
\* Dimension taken on 15" line—see notes 1 & 2, page 19.



# AMA Specifications – Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE: ISSUED 9/15/58 REVISED \_\_\_\_\_

## BODY—WIDTH DIMENSIONS

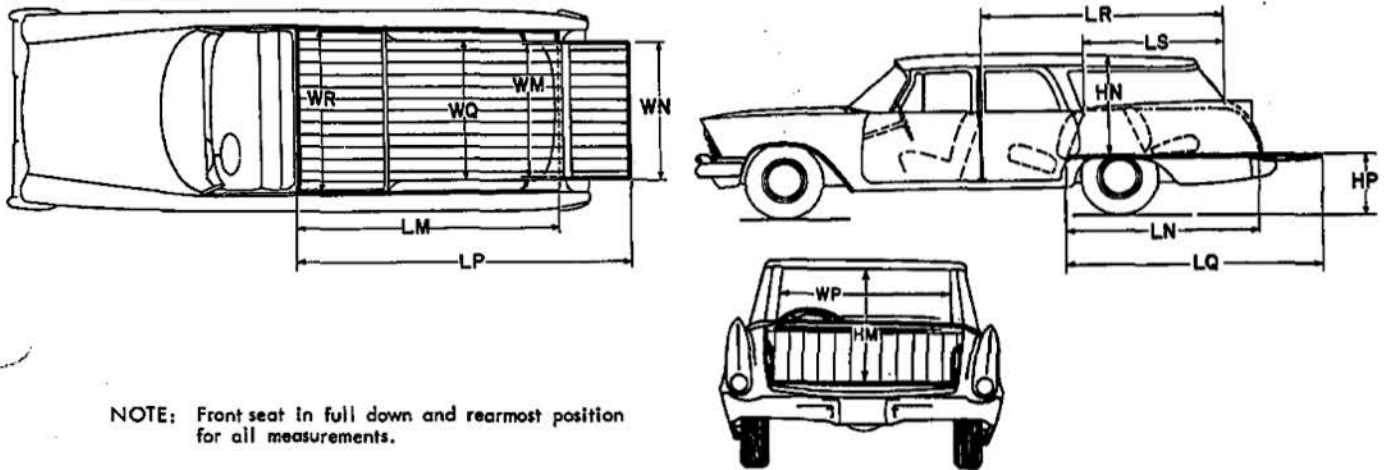


MODEL		57F	58D	63F	64C	57B	58B	63B	76E	
Interior	W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	56.70								
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	57.0	57.0	56.56	56.56	57.0	57.0	56.56	46.58	
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	60.44								
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	60.76	60.76	60.32	60.32	60.76	60.76	60.32	48.80	
	W7. Steering wheel center to center of body.	15.56								
Exterior	W101. Front tread at ground.	59.00								
	W102. Rear tread at ground.	56.4								
	W103. Max. overall width of car including bumpers or mouldings.	79.82								
	WA. Max. overall width of car with doors open.	148.80				159.9	148.80	159.9		
	W111. Windshield DLO, max. width.	76.00								
	W114. Back window DLO, max. width.								75.14	61.30
	W117a. Max. body width at center pillar, less hardware and applied moldings.	72.54								

# AMA Specifications – Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE: ISSUED 9/15/58 REVISED \_\_\_\_\_

## STATION WAGON—CARGO SPACE DIMENSIONS



MODEL	71E *	71F
LM Floor length from bottom of front seat to inside of tail gate in raised position.	94.35	94.35
LN Floor lgth. from bottom of second seat to inside of tail gate in raised position.	60.52	58.19
LP Floor lgth. from bottom of front seat to end of tail gate in lowered position.	116.10	116.10
LQ Floor lgth. from bottom of second seat to end of tail gate - tail gate lowered.	82.27	79.94
HM Maximum hgth. of rear opening - tail gate lowered.	27.57	27.57
WM Rear end opening width at floor.	57.66	57.66
WN Rear end opening width at top of tail gate.	44.30	44.30
WQ Minimum distance between wheelhouses.	42.00	42.00
WP Maximum width of rear opening above raised tail gate.	61.75	61.75
WR Maximum width of cargo space at floor.	59.76	59.76
LR Cargo horizontal distance from top rear of front seat back to top of tail gate.	NA	NA
LS Cargo horizontal distance from top rear of second seat back to top of tail gate.	NA	NA
HN Maximum height of roof above floor at center line of car.	30.05	30.05
HP Platform height of end of lowered tail gate - curb weight.	25.60	25.60
Third Seat - facing direction.	Front	Front

\* Merchandised as an Optional Model.

NOTE: Wheelbase - 118.0

# AMA Specifications - Passenger Car

<b>MAKE OF CAR</b>	<b>EDSEL</b>								<b>MODEL YEAR</b>	<b>1959</b>		<b>DATE: ISSUED</b>	<b>9/15/58</b>		<b>REVISED</b>
<b>MODEL</b>	57F	58D	63F	64C	57B	58B	63B	76E							

## BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front							
	Rear doors	Front							
Type of finish (lacquer, enamel).		Enamel							
Hood hinge location (front, rear).		Front							
Hood counterbalanced (yes, no).		Yes							
Hood release control (internal, external).		Internal							
Vehicle (Serial) No. Location		Left Front Hinge Pillar							
Engine No. location		See Vehicle Serial Number							
Theft protection - type		Ignition Key Starting							
Vent window control method (crank, friction pivot).		Pivot							
Windshield type (single curved, compound curved, other)		Single Curved							
Rear window type (flat, curved, one piece, three piece)		One Piece Curved							
Side glass type (curved, flat)		Flat							
Windshield glass area D.L.O.		1259.88	1259.88	1259.88	1259.88	1259.88	1259.88	1259.88	1195.95
Backlight glass area D.L.O.		1136.50	1136.50	1136.50	1136.50	1136.50	1136.50	1136.50	1160.00
Total glass area D.L.O.		3728.52	3655.40	3742.86	3668.44	3728.52	3655.40	3742.86	3485.17

## BODY—TYPES AND STYLE NAMES —

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

BODY STYLES:	CODES
<b>RANGER</b>	
Four-Door Hardtop	57F
Four-Door Sedan	58D
Two-Door Hardtop	63F
Two-Door Sedan	64C
<b>CORSAIR</b>	
Four-Door Hardtop	57B
Four-Door Sedan	58B
Two-Door Hardtop	63B
Two-Door Sedan	76E
<b>STATION WAGONS</b>	
<b>Villager</b>	
Four-Door (9 Passenger)	71E
Four-Door (6 Passenger)	71F

# AMA Specifications -- Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE ISSUED 9-15-58 REVISED 11-7-58

## MAJOR OPTIONAL ITEMS - WEIGHTS 8 Cyl. (Engine)

Model	CURB - WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<b>Ranger:</b>								
57F-4 Dr. Hardtop	2104	1738	3842	52.64	47.36	22.06	77.94	3682
58D- 4 Dr. Sedan	2112	1721	3833	52.64	47.36	22.06	77.94	3673
63F- 2 Dr. Hardtop	2078	1673	3751	52.64	47.36	22.06	77.94	3591
64C- 2 Dr. Sedan	2064	1643	3707	52.64	47.36	22.06	77.94	3547
<b>Corsair:</b>								
57B- 4 Dr. Hardtop	2150	1719	3869	52.64	47.36	22.06	77.94	3709
58E- 4 Dr. Sedan	2144	1712	3856	52.64	47.36	22.06	77.94	3696
63B- 2 Dr. Hardtop	2128	1705	3833	52.64	47.36	22.06	77.94	3673
76E- 2 Dr. Convertible	2201	1749	3950	52.64	47.36	22.06	77.94	3790
<b>Station Wagons:</b>								
<b>Villager</b>								
71E- 4 Dr. (9 Pass.)	2082	2008	4090	52.64	47.36	∅	∅	3930
71F- 4 Dr. (6 Pass.)	2080	1922	4002	52.64	47.36	∅	∅	3842
<b>Distribution</b>								
Second & Third Seat	Front	Rear		Front	Rear			
∅ 71E- Pass. in second	23.15	76.85						
71E- Pass. in third			∅	-17.46	117.46			
∅ 71F- Pass. in second	21.65	78.35						
<b>Accessories &amp; Equipment Differential Weights (Add.)</b>								
Custom Trim	5	5	10	Remarks				
Radio	9	3	12					
Heater	19	7	26					
Windshield Washers	4	0	4					
Power Steering	31	3	34					
Power Brakes	10	2	12					
Power Seats	18	12	30					
Power Windows	9	6	15					
Dual Exhaust	16	16	32					
Back-up Lights	0	2	2					
Padded Dash Panel	4	2	6					
Padded Sun Visor	2	0	2					
Seat Belts	3	1	4					
Multi. Lub.	4	4	8					
Air Conditioner	100	15	115					
Dual-Power Drive	58	18	76					
Mile-O-Matic Drive	18	8	26					
361 cu.in. Eng. (Ranger)	41	1	42					
361 cu.in. Eng. (Corsair)	10	1	11					

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

# Specifications -- Passenger Car

MAKE OF CAR EDSEL MODEL YEAR 1959 DATE ISSUED 9-15-58 REVISED 11-7-58

## MAJOR OPTIONAL ITEMS - WEIGHTS

-6 Cyl. EBP (Engine)

Model	CURB - WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<b>Ranger:</b>								
57F- 4 Dr. Hardtop	2027	1716	3743	52.64	47.36	22.06	77.94	3583
58D- 4 Dr. Sedan	2035	1699	3734	52.64	47.36	22.06	77.94	3574
63F- 2 Dr. Hardtop	2001	1651	3652	52.64	47.36	22.06	77.94	3492
64C- 2 Dr. Sedan	1987	1621	3608	52.64	47.36	22.06	77.94	3448
<b>Station Wagon:</b>								
<b>Villager</b>								
71E- 4 Dr. (9 Pass.)	2005	1986	3991	52.64	47.36	∅	∅	3831
71F- 4 Dr. (6 Pass.)	2003	1900	3903	52.64	47.36	∅	∅	3743
<b>Weight Distribution:</b>								
Second & Third Seat	Front	Rear		Front	Rear			
∅ 71E- Pass. in Second	23.15	76.85						
71E- Pass. in Third			∅	-17.46	+117.46			
∅ 71F- Pass. in Second	21.65	78.35						
<b>Accessories &amp; Equipment Differential Weights (Add.)</b>								
Custom Trim	5	5	10					Remarks
Radio	9	3	12					
Heater	19	7	26					
Windshield Washer	4	0	4					
Power Steering	31	1	32					
Power Brakes	10	2	12					
Power Seats (4 Way)	17	18	35					
Power Windows	9	6	15					
Back-Up Lights	0	2	2					
Padded Dash Panel	4	2	6					
Padded Sun Visor	2	0	2					
Seat Belts	3	1	4					
Air Conditioner	100	15	115					
Vacuum Booster	5	1	6					
Electric Window Lifts	9	12	21					
Mile-O-Matic Drive	18	8	26					

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

# AMA Specifications -- Passenger Car

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