

# 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.

**MAKE OF CAR** BUICK **MODEL YEAR** 1958 **DATE ISSUED** 10-15 **REVISED**

**COMPANY** BUICK MOTOR DIVISION

MODEL NAME	SYMBOL	MODEL NAME	SYMBOL
Special	Series 40	Super	Series 50
Century	Series 60	Roadmaster	Series 70
		Limited	Series 700

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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:

- All specifications are standard for the models under which they are listed.
- Specifications apply basically to 4-door sedan or equivalent. Body dimensions shown on pages 19-24 include other body models available.
- All dimensions are nominal engineering dimensions.

## GENERAL SPECIFICATIONS

MODEL	Additional Information Page No.:	Series				
		40	60	50	70	700
Wheelbase (L-101)	22	122.0		127.5		
Tread	Front (W-101)	59.5	60.0			
	Rear (W-102)	59.0		61.0		
Maximum Overall Dimensions	Length (L-103)	211.8		219.1		227.1
	Width (W-103)	78.1				79.8
	Height (H-101)	57.6	56.9	59.4	59.6	
Transmission— (Specify trade name - opt., not available)	Manual	Standard		None		
	Overdrive	None				
	Automatic	*Optional		**Standard		***Standard
Axle ratio	Manual	3.58		None		
	Overdrive	None				
	Automatic	3.23				
Tire size	15	***7.10-15		7.60-15	8.00-15	
Engine	Type, no. cyl., valve arr.	2 90°V, Eight, In Head				
	Fuel system (Carb. or inj.)	6 Carburetor				
	Bore and stroke	2 4.125 x 3.4				
	Piston displ., cu. in.	2 364				
	<b>DYN</b> Std. compression ratio	2	9.5		10.0	
Max. bhp at engine rpm	2	250 @ 4400		300 @ 4600		
Max. torque at rpm	2	380 @ 2400		400 @ 3200		

\*Variable Pitch Or Flight Pitch Optional

\*\*Variable Pitch Standard, Flight Pitch Optional

\*\*\*Flight Pitch Standard

\*\*\*\*7.60-15 Tubeless Type Optional - 7.60-15 Standard On M/49, 49D & 46C

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MAKE OF CAR	BUICK	MODEL YEAR	1958	DATE ISSUED	10-15	REVISED	
MODEL	40	60	50	70	700	Series	

## ENGINE—GENERAL

Type, no. cyls., valve arr.		90°V, Eight, In Head					
Bore and stroke		4.125 x 3.4					
Piston displacement, cu. in.		364					
Bore spacing (C/L to C/L)		4.750					
No. system (front to rear)	L. Bank	2-4-6-8					
	R. Bank	1-3-5-7					
Firing order		1-2-7-8-4-5-6-3					
Compres. ratio (nominal)	Standard SYN	8.0					None
	Optional DYN	9.5					10.0
Cylinder Head Material	Standard SYN	Cast Iron				None	
	Optional DYN					Cast Iron	
Cylinder Sleeve - Wet, dry, none		None					
Number of mounting points	Front	2					
	Rear	1				2	
Taxable Dia. <sup>2</sup> x No. Cyl. horsepower 2.5		54.45					
Published max. bhp at engine RPM*	Standard SYN	N.A.					None
	Optional DYN	250 @ 4400					300 @ 4600
Published max. torque* (lb. ft. @ RPM)	Standard SYN	N.A.					None
	Optional DYN	380 @ 2400					400 @ 3200
Recommended fuel regular - premium	Standard SYN	Regular				None	
	Optional DYN					Premium	
Recommended idle speed (neutral)		485					

## ENGINE—PISTONS

Material	Aluminum Alloy
Description and finish	Cam Ground - Transverse Slot Divorced Skirt
Weight (piston only) oz.	22.16

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

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<b>MODEL</b>	<u>40</u>	<u>60</u>	<u>50</u>
			<u>70</u>
			<u>700</u>

## ENGINE PISTONS (Cont.)

Clearance (limits)	Top land		.003 - .005
	Skirt	Top	.0008 - .0014
		Bottom	.0018 - .0034
Ring groove depth	No. 1 ring		.219 - .211
	No. 2 ring		.224 - .219
	No. 3 ring		.229 - .224
	No. 4 ring		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.		C.I. - Lubrited
	Width		.077 - .078
	Gap		.015 - .025
Oil	Description - material, type, coating, etc.		Steel - Uncoated
	Width		.180 - .186
	Gap		.015 - .035
Expanders			Steel - Oil Ring

## ENGINE--PISTON PINS

Material			CDS - 1118
Length			3.500"
Diameter			.9994 - .9997
Type	Locked in rod, in piston, floating, etc.		Pressed In Rod
	Bushing	In rod or piston	None
		Material	None
Clearance	In piston		.0004
	In rod		.0007 - .0015 (Press)
Direction & amount offset in piston			None

## ENGINE--CONNECTING RODS

Material			SAE 1141
Weight (oz.)			23.20
Length (center to center)			6.100
Bearing	Material & Type		Steel Backed M400 Aluminum - Removable
	Overall length		.820
	Clearance (limits)		.0002 - .0023
	End play		.005 - .012 (Total For Both Rods)

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<b>MODEL</b>	<u>Series</u>		
	<u>40</u> <u>60</u> <u>50</u> <u>70</u> <u>700</u>		

## ENGINE—CRANKSHAFT

Material	SAE 1046		
Vibration damper type	Rubber Absorption		
End thrust taken by bearing (No.)	Five		
Crankshaft end play	.004 - .008		
Main bearing	Material & type	Steel Backed - Front Four M400 - Rear Durex 100A - All Removable	
	Clearance	.0005 - .0021	
	Journal dia. and bearing overall length	No. 1	2.4985 x .804
		No. 2	2.4985 x .804
		No. 3	2.4985 x .804
		No. 4	2.4985 x .804
		No. 5	2.4985 x 1.105
		No. 6	None
No. 7		None	
Dir. & amt. cyl. offset	None		
Crankpin journal diameter	2.2495		

## ENGINE—CAMSHAFT

Location	Above Crankshaft At Center of "V"		
Material	Cast Alloy Iron		
Bearings	Material	Steel Backed Babbitt	
	Number	Five	
Type of drive	Gear or chain	Chain	
	Crankshaft gear or sprocket material	Sprocket - Sintered Metal Powder	
	Camshaft gear or sprocket material	Sprocket - Cast Iron	
	Timing chain	No. of links	52
		Width	.688
Pitch		.500	

## ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Standard	
Special provision for valve rotation (intake, exhaust)	None	
Rocker ratio	1.5	
Operating tappet clearance (indicate hot or cold)	Intake	None
	Exhaust	None
Timing marks on fly-wheel, damper, other	Harmonic Balancer	

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**MODEL** \_\_\_\_\_ **Series** \_\_\_\_\_  
40 60 50 70 700

## ENGINE—VALVE SYSTEM (cont.)

<b>Timing</b>	Intake	Opens (°BTC)	*25	34
		Closes (°ABC)	*77	83
		Duration - deg.	*282	297
	Exhaust	Opens (°BBC)	*65	76
		Closes (°ATC)	*37	41
		Duration - deg.	*282	297
Valve opening overlap		*142	159	
Material		Nickel - Chrome Alloy Steel		
Overall length		4.704		
Actual overall head dia.		1.875		
Angle of seat		45°		
Seat insert material		None		
Stem diameter		.3720		
Stem to guide clearance		.0015 - .0035		
<b>Intake</b>	Lift		*.378	.423
	Outer spring press. and length	Valve closed (lb. @ in.)	39.5 - 44.5 @ 1.530	
		Valve open (lb. @ in.)	*89 - 94 @ 1.155	93 - 99 @ 1.110
	Inner spring press. and length	Valve closed (lb. @ in.)	23 - 28 @ 1.620	
		Valve open (lb. @ in.)	*59 - 65 @ 1.245	63 - 69 @ 1.200
	Material		Sil. 10 or 2155N	
Overall length		4.704		
Actual overall head dia.		1.437		
Angle of seat		45°		
Seat insert material		None		
Stem diameter		.3705 - .3715		
Stem to guide clearance		.003 - .005		
<b>Exhaust</b>	Lift		*.378	.423
	Outer spring press. and length	Valve closed (lb. @ in.)	39.5 - 44.5 @ 1.530	
		Valve open (lb. @ in.)	*88 - 94 @ 1.155	93 - 99 @ 1.110
	Inner spring press. and length	Valve closed (lb. @ in.)	23 - 28 @ 1.620	
		Valve open (lb. @ in.)	*59 - 65 @ 1.245	63 - 69 @ 1.200

## ENGINE—LUBRICATION SYSTEM

<b>Type of lubrication (splash, pressure, nozzle)</b>	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Drip From Front Camshaft Bearing
	Cylinder walls	Splash and Nozzle

\*Same As Series 60, 50, 70 and 700 When Optional Equipment Transmission is Specified.

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 MODEL \_\_\_\_\_ Series \_\_\_\_\_  
 \_\_\_\_\_ 40 \_\_\_\_\_ 60 \_\_\_\_\_ 50 \_\_\_\_\_ 70 \_\_\_\_\_ 700

## ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear	
Normal oil pressure (lb. @ engine rpm)	40 @ 1600	
Oil pressure sending unit (electric or mechanical)	Mechanical	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, partial, other)	Full Flow	
Filter replacement (element, complete)	Element	
Capacity of crankcase, less filter-refill (qt.)	5	
Oil grade recommended (SAE viscosity and temperature range)	<u>Anticipated Temp.</u>	<u>SAE Viscosity</u> <u>SAE Multi-Viscosity</u>
	Not lower than +32°F	20W or 20        10W-30 or 10W-20
	Not lower than -10°F	10W                10W-20W or 10W-30
Oil type recommended	5W	5W-10W or 5W-20
	DG or MS	

## ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	*Single With Crossover	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One - Reverse Flow	Two - Reverse Flow & Separate Resonator
Exhaust pipe dia. (O.D. wall thickness)	*2.00 - .076	None
	2.250 - .076	2.00 - .076
Tail pipe diameter (O.D. & wall thickness)	2.00 - .048	1.75 - .048

## 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.)	20.0 Minimum
	Filler location	Rear Bumper
Fuel Pump	Type (elec. or mech.)	Mechanical
	Locations	Front and Right Side of Engine
	Pressure range	5.25 - 6.50 (At Carburetor Level)
Vacuum booster (std., optional, none)	Standard ( On Oil Pump)	
Fuel Filter	Type	Glass Bowl
	Locations	Between Fuel Pump & Carburetor
Carburetor	Make & Model No.	* Carter "AFB" or Rochester "4GC" Opt. Sources
	Number & Type	* One - Downdraft - 4-Bbl.
	Barrel size	1.438 Dia. Pri. 1.5625 Dia., Sec. 1.670 Dia.
	Choke type	Integral
	Intake manifold heat control (exhaust or water)	Exhaust
Air clnr. type	Standard	Heavy Duty - Dry Type
	Optional	None

\*Carter "WGD" or Stromberg "WW" - Optional Sources. (2 Barrel)

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**MODEL** \_\_\_\_\_      40      60      50      70      700

## ENGINE—COOLING SYSTEM

Type (pressure system, atmospheric, other)		Pressure	
Radiator cap relief valve pressure		15#	
Circulation thermostat	Type (choke, bypass)	By-Pass	
	Starts to open at (°F)	157 - 162	
Water pump	Type (centrifugal, other)	Centrifugal	
	Number of pumps	One	
	Drive (V-belt, other)	V-Belt	
	Bearing type	*Double Row Ball Bearing	
By-pass recirculation type (Internal, external)		Internal	
Radiator core type (cellular, tube and fin, other)		Tube and Center	
Cooling system capacity	With heater (qt.)	18.0	
	Without heater (qt.)	16.5	
	Opt. equipment—specify (qt.)	Same	
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	1.5625
	Upper	Number and type (molded, straight)	One - Molded
		Inside diameter	1.5625
	By-pass	Number and type (molded, straight)	None
		Inside diameter	None
Fan	Number of blades & Spacing		Four - 76° x 104°
	Diameter		20"
	Ratio—fan to crankshaft rev.		.92
	Fan cutout type		**Torque Control
	Bearing type		*Double Row Ball Bearing
*Drive belts (Indicate belt used by letter)	Fan		
	Generator		"A" Fan and Water Pump Drive Also
	Water Pump		
	Power Steering		"B" Fan and Water Pump Drive Also
	Air Conditioning Drive		"C" (Two) Fan and Water Pump Drive Also (Matched Set)
Air-Poise Drive		"D" Fan and Water Pump Drive Also	

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*Drive Belt Dimensions	A	B	C	D
Angle of V	38°	38°	38°	38°
Nominal length (SAE)	52.96	54.48	58.00	58.80
Width (At Top)	**51.6	**54.00		**58.00
	.38	.45	.38	.45

\*Common Bearing

\*\*Used When Air Conditioning is Specified

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<b>MODEL</b> _____	<b>Series</b>		
	40                  60                  50                  70                  700		

## ELECTRICAL—SUPPLY SYSTEM

<b>Battery</b>	Make and Model	Delco-Remy - 560	
	Voltage Rtg. & Plates/cell	12 - 11	
	SAE Designation & Amp Hr. Rtg	3EMA - 70	
	Location	Left Fender Skirt - Under Hood	
	Terminal grounded	Negative	
<b>Generator</b>	Make	Delco-Remy	
	Model	1102101	
	Type	Shunt	
	Ratio—Gen. to Cr/s rev.	2.82	
	Gen. cut-in—engine rpm	514 @ 90°F	
<b>Regulator</b>	Make	Delco-Remy	
	Model	*1119600	
	Type	Voltage and Current Control	
	Cutout relay	Closing voltage @ generator rpm	11.8 - 13.6 ( Adjust to 12.8 @ 1450)
		Reverse current to open	-1 to -6
	Regulated	Voltage	14 - 15 (Adjust to 14.5)
		Current	**38 - 42 Amps at 125°F
	Voltage test conditions	Temperature	125°
Load		Run 15 Minutes at 10 Amps	
Other		Battery Must Be In Circuit For Voltage Check	

## ELECTRICAL—STARTING SYSTEM

<b>Starting motor</b>	Make	Delco-Remy	
	Model	1170667	
	Rotation (drive end view)	Clockwise	
	Engine cranking speed	160 RPM (Approximately)	
	Test conditions	Engine At Operating Temperature	
	Lock test	Amps	300 - 360
		Volts	3.5
		Torque (lb. ft.)	N. A.
No load test	Amps	100	
	Volts	10.6	
	RPM (min.)	3600	
<b>Motor control</b>	Switch (solenoid, manual)	Solenoid	
	Starting procedure	<ol style="list-style-type: none"> <li>1. Turn on Ignition</li> <li>2. Depress accelerator Pedal</li> </ol> <p style="margin-left: 40px;">Note: Transmission selector lever must be in Neutral or Park position on Dynaflo Transmission equipped cars</p>	

\*1119601 Used With Air Conditioning

\*\*42-47 Amps At 125°F With Air Conditioning



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<b>MODEL</b>	<b>Series</b>		
	40                  60                  50                  70                  700		

## ELECTRICAL—STARTING SYSTEM (cont.)

<b>Motor drive</b>	Engagement type	<b>Solenoid With Over-Running Clutch</b>	
	Pinion meshes (front, rear)	<b>Front</b>	
	Number of teeth	Pinion	<b>9</b>
		Flywheel	<b>166</b>
	Flywheel tooth face width	<b>573</b>	

## ELECTRICAL—IGNITION SYSTEM

<b>Coil</b>	Make	<b>Delco-Remy</b>	
	Model	<b>*1115100</b>	
	Amps	Engine stopped	<b>4.5</b>
Engine idling		<b>2.5</b>	
<b>Distributor</b>	Make	<b>Delco-Remy</b>	
	Model	<b>1110870</b>	
	Spark adv. centrifugal (crankshaft degrees)	Start (rpm)	<b>450 - 800</b>
		Intermediate points @ rpm	<b>Straight - Line</b>
		Max. @ rpm	<b>24 to 28 @ 3750</b>
	Spark adv. vacuum (crankshaft degrees)	Start (in. Hg)	<b>6.5 - 8.5</b>
		Intermediate points, deg. @ rpm	<b>5.5° to 14.5°/at 10 in. Hg.</b>
		Max. @ rpm.	<b>21° @ 12 in. Hg.</b>
	Breaker gap (In.)	<b>.0125 - .0175</b>	
	Cam angle (deg.)	<b>30°</b>	
Breaker arm tension (oz.)	<b>19 - 23</b>		
<b>Timing</b>	Crankshaft deg. @ rpm.	<b>5 BTC @ 400 Max.</b>	
	Mark location	<b>Harmonic Balancer</b>	
	Cylinder numbering system (see page 2)	<b>Front to Rear                  Left Bank 2-4-6-8</b>	
		<b>Right Bank 1-3-5-7</b>	
	Firing order (see page 2)	<b>1-2-7-8-4-5-6-3</b>	
<b>Spark Plug</b>	Make and model	<b>AC - Type 44</b>	
	Thread (mm)	<b>14</b>	
	Tightening torque (lb. ft.)	<b>25</b>	
	Gap	<b>.030 - .035</b>	
<b>Cable</b>	Conductor type	<b>4000 Ohms/Ft. Resistance Cable</b>	
	Insulation type	<b>Neoprene</b>	
	Spark plug protector	<b>Neoprene Boot</b>	

## ELECTRICAL—SUPPRESSION

<b>Description</b>	<p>4000 Ohm/Ft. spark plug wires and coil wire to distributor.                  Coil - .33 MFD condenser.                  Generator - .33 MFD condenser.                  Voltage Regulator - .50 MFD condenser.</p>
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**\*To Be Used In Series With Resistance Unit #1931614**

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 MODEL \_\_\_\_\_ Series \_\_\_\_\_  
 \_\_\_\_\_ 40 \_\_\_\_\_ 60 \_\_\_\_\_ 50 \_\_\_\_\_ 70 \_\_\_\_\_ 700

## ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	A.C.
	Trip odometer (yes, no)	Yes
Charge indicator-type		Ammeter
Temperature indicator-type		Mechanical - Bourdon Tube
Oil pressure indicator-type		Mechanical - Bourdon Tube
Fuel indicator-type		Electrical
Other		None
Ignition switch	Identify positions in order and circuits controlled	Center-Ignition, Stop Lights - Direction Signals, Back-Up Lights and Power Windows (If Equipped) - "On" Rotated Counter-Clockwise - "Off" and Locked Rotated Clockwise - "Off" and Unlocked
	Provision for illumination	Yes
	Location	Right of Steering Column
Main lighting switch	Identify positions and lights controlled	1st Position Out - Park and Taillights 2nd Position Out - Headlamps and Taillights Rotating Fully Counter-Clockwise - Instrument Lights on Bright Rotating Switch Knob Clockwise Dims Instrument Lights - Fully Clockwise Turns Instrument Lights "Off"
Other light switches	Locations and lamps controlled Dome Lamp Trunk Lamp Glove Comp't. Parking Brake	*** *Mercury switch in lamp Mechanically operated by door **On parking brake release bracket
Other switches	Locations and devices controlled Direction Signal Back-Up Lights	Left side of steering column **Steering Column between Dash and Instrument Panel
Windshield wiper	Make	Trico
	Type	Vacuum
	Vacuum booster provision	Yes
	Washer provision	**Yes
Horn	Type	Solenoid
	Number used	2
	Amp draw (each)	Both (Both 8 to 10 at 11V)

\*Optional at Extra Cost On Series 40

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\*\*Optional at Extra Cost On Series 40, 60 and 50

	Manual	Automatic
*** 41, 43, 46R, 66R and 48	Dome Light	Front Pillars
46C, 66C, 56R, 75R, 75C, 755 & 756	Above left rear arm rest	Front Pillars
61, 63, 53, 75 and 750	Dome Light	Front and rear pillars

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**Series**

**MODEL** 40 60 50 70 700

## 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	2-4001 (Upper Beam) 2-4002 (Lower Beam) Guide T-3 (Horizontal)		
Headlamp beam indicator	1-53		
Parking light	2-1034		
Tail light	2-1034		
Stop light	Same as Taillight		
Direction signal	Front	Use Same Bulb as Parking Light	
	Rear	Use Same Bulb as Taillight	
	Indicator	2-57	
License plate light	2-67		
Instrument light	5-57		
Ignition lock light	1-53		
Back up light	*2-1073		2-1073
Dome light	1004 or 90		
Clock light	*1-57		1-57
Radio light	**2-1891		
Glove compartment light	1-57X		
Courtesy Lights	*2-90		2-90
Map Light	Same as Courtesy Light		
Brake Indicator	*1-89		1-89
Dyn. Selector Light	**1-53		
Heater & Air			
Cond. Control	*2-57		
Light Switch	1-57		

## ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

\* Accessory At Extra Cost

\*\* Included With Series 40 Dynaflo

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	24 CB (a)		
Headlamp beam indicator	(a)		
Parking light	(a)		
Tail light	(a)		
Stop light	10 AGC (b)		
Direction indicator	(b)		
License plate light	(a)		
Instrument light	(a)		
Ignition light	(a)		
Back up light	(d)		
Dome light	SFE-20 (c)		
Clock	*1AGA		1AGA
Clock light	*(a)		(a)
Radio	*7.5 Special		
Glove compartment light	(e)		
Map Light	*2 AGA (e)		2 AGA (e)
Trunk Comp't Light	(e)		
Brake Ind.	*10AGC (d)		10 AGC (d)
Blower	SFE-20		
Cigar Lighter	Special		
Antenna Motor	*15 AGC		
Elect. Window & Seat Control	*40 CB		40 CB
Air Conditioner	*SFE-20		
Safety Buzzer	1 AGC		

# AMA Specifications – Passenger Car

**MAKE OF CAR** BUICK **MODEL YEAR** 1958 **DATE: ISSUED** 10-15 **REVISED** \_\_\_\_\_

**MODEL** \_\_\_\_\_ **Series** \_\_\_\_\_

40                      60                      50                      70                      700

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Long - Dry	Type	None
Type pressure plate springs	Coil		None
Total plate pressure (lb.)	1845		None
No. of clutch driven discs	One		None
Clutch facing	Material	Woven	None
	Outside & inside dia.	11.0" x 7.00"	None
	Total eff. area (sq.in.)	113.0	None
	Thickness	.125"	None
	Engagement cushioning method	Spring	
Release bearing	Type & method of lubrication	Ball - Sealed	None
Torsional damping	Methods: springs, friction material	Springs	None

## DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Standard		None
Manual with overdrive (std. or opt.)			None
Automatic (std. or opt.)	*Optional	**Standard	***Standard

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Three		None	
Transmission ratios	In first	2.153	None	
	In second	1.373	None	
	In third	1.000	None	
	In fourth		None	
	In reverse	2.279		None
Synchronous meshing, specify gears	2nd & 3rd		None	
Lubricant	Capacity (pt.)	2.5	None	
	Type recommended	Multi-Purpose	None	
	SAE viscosity number	Summer	SAE 90	None
		Winter	SAE 90	None
Extreme cold		SAE 90	None	

\*Variable Pitch or Flight Pitch Optional

\*\*Variable Pitch Standard, Flight Pitch Optional

\*\*\*Flight Pitch Standard

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**Series**

**MODEL** \_\_\_\_\_ 40 60 50 70 700

## DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		None	
	Manual lockout (yes, no)		None	
	Downshift accelerator control (yes, no)		None	
	Minimum cut-in speed		None	
	Gear ratio		None	
	Lu- bri- cant	Capacity (Overdrive only)		None
		Separate filler (yes, no)		None
		Type recommended		None
		SAE vis- cosity number	Summer	None
			Winter	None
Ext. cold	None			

## DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	*	**Variable Pitch Dyn.	Flight Pitch Dynaflo
Type describe		Torque Converter With Gears	Torque Converter With Geared Conv. Elements
Method of Selection (Lever, Push Button or other)		Lever	
Selector Pattern		P-N-D-L-R	P-R-N-D-G
List gear ratios Selector Pattern and indicate which are used in each selector position		D - 1 x Conv. Ratio L - 1.82 x Conv. Ratio R - 1.82 x Conv. Ratio	R - 4.1 to 1 D - 4.5 to 1
Max. upshift speeds—drive range		None	
Max. kickdown speeds—drive range		None	
Torque convertor	Number of elements	5	
	Max. ratio at stall at engine rpm	3.5 @ 3100 3.2 @ 1950	4.5 @ 3200
	Type of cooling (air, water)	Water	
Lubricant	Capacity—refill (pt.)	24	25
	Type recommended	***	
Special transmission features		Stator Blade Angle Changes in Response to Throttle Position	

\*Variable Pitch or Flight Pitch Optional at Extra Cost

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\*\*Flight Pitch Optional at Extra Cost

\*\*\*Automatic Transmission Fluid Type "A" Must Be Identified By AQ-ATF Number  
Embossed in Can of Special Buick Oil For Dynaflo Drive.

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<b>MODEL</b> _____	<u>40</u> <u>60</u> <u>50</u> <u>70</u> <u>700</u>	<b>Series</b> _____	

## DRIVE UNITS—PROPELLER SHAFT

Number used		Two	
Type (exposed, torque tube)		Torque Tube	
Outer diameter x length* x wall thickness	Manual transmission <b>Front Shaft Only</b>	2.683x35.24 x .065	None
	Overdrive transmission	None	
	Automatic transmission <b>Front Shaft Only</b>	2.683 x 35.24 x .065	2.683 x 40.74 x .065
Inter-mediate bearing	Type (plain, anti-friction)	Ball	
	Lubrication (fitting, prepack)	Packed For Life	
Universal joints	Make	Saginaw - Front	Saginaw or Spicer - Rear
	Number used	Two	
	Type (ball and trunion, cross, other)	Front - Plain Cross; Rear - Needle Bearing Cross	
	Bearing	Type (plain, anti-friction)	Front U-Joint - Plain; Rear U-Joint - Anti-Friction
Lubric. (fitting, prepack)		Front - By Transmission; Rear - Packed For Life	
Drive taken through (torque tube or arms, springs)		Torque Tube	
Torque taken through (torque tube or arms, springs)		Torque Tube	

## DRIVE UNITS--REAR AXLE

Description - (incl. limited slip differential)		Semi-Floating - Overhung Pinion		
Drive Pinion Offset		1.7500		
No. of differential pinions		2		
Gear ratio and No. of teeth	Automatic transmission	3.23 (42-13)		
	Overdrive trans.	None		
	Manual transmission	3.58 (43-12)	None	
Ring gear pitch diameter & O.D.		9.375 - 9.375		
Pinion adjustment (shim, other)		Shim		
Pinion bearing adj. (shim, other)		Shim		
Wheel bearing type		Ball		
Lubricant	Capacity (pt.)	Six		
	Type recommended	Hypoid Lubricant - GM4655M (90)		
	SAE viscosity number	Summer	SAE 90 Lead Soap Active Sulphur GM 4655M	
		Winter	SAE 90 Lead Soap Active Sulphur GM 4655M	
		Extreme cold	SAE 90 Lead Soap Active Sulphur GM 4655M	

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

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 MODEL \_\_\_\_\_ Series \_\_\_\_\_  
 \_\_\_\_\_ 40 \_\_\_\_\_ 60 \_\_\_\_\_ 50 \_\_\_\_\_ 70 \_\_\_\_\_ 700

### DRIVE UNITS—WHEELS

Type & material		Disc - Steel	
Rim (size and flange type)		15-5.5K	15-6L
Attachment	Type (bolt or stud)	Bolt	
	Circle diameter	5.00"	
	Number and size	Five (.5625-18)	

### DRIVE UNITS—TIRES

Size (L-102) & ply rating	Standard	7.10-15 4Ply	7.60-15 4 Ply	8.00-15 4 Ply
	Optional	*7.60-15 4Ply	None	
Type tires - nylon, etc.		Rayon		
Rev/mile at 30 mph		750	735	723
Inflation press.(cold)	Front	24		
	Rear	24		

### BRAKES—SERVICE

Type		Hydraulic - Internal Expanding		
Power brake type		**		
Effective area (sq. in.)		160.01 - 218.03		
Percent brake effectiveness-front		55.9		
Drum	Diameter	Front	12.020"	
		Rear	12.020"	
Type and material		***Centrifugally Cast - Cast Iron		
Bonded or riveted		Riveted		
Brake lining	Front Shoe	Material	Molded - Extruded	
		Size (length x width x thickness)	Front wheel	10.040 x 2.50 x .265
			Rear wheel	10.040 x 2.25 x .187
	Segments per shoe	One		
	Rear Shoe	Material	Molded - Extruded	
		Size (length x width x thickness)	Front wheel	12.959 x 2.50 x .265
Rear wheel			12.959 x 2.25 x .187	
Segments per shoe	One			
Wheel cylinder bore	Front	1.125		
	Rear	1.00		
Master cylinder bore		1.00		
Available pedal travel		6.75		
Line pressure at 100 lb. pedal load		600		
Shoe clearance adjustment		.015		

\*7.60-15 4-Ply Standard On 49, 49D and 46C. Optional On Other Series 40 Models.

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\*\*Available at Extra Cost When Variable Pitch Or Flight Pitch is Specified. (Series 40-60-50)  
 \*\*\*Series 40 Fronts and All Rears. 60, 50, 70 and 700 Front Drums Are Aluminum Shell With Cast Iron Liner.

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<b>MODEL</b> _____	<b>Series</b>					
	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%; border: none;">40</td> <td style="width: 20%; border: none;">60</td> <td style="width: 20%; border: none;">50</td> <td style="width: 20%; border: none;">70</td> <td style="width: 20%; border: none;">700</td> </tr> </table>	40	60	50	70	700
40	60	50	70	700		

## BRAKES—PARKING

Type of control	Step-On - Left Foot Operated	
Location of control	Left Side Cowl Panel	
Operates on	Rear Service Shoes	
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	Channel Side Bars With "I" Beam X-Member
----------------------	------------------------------------------

## SUSPENSION—GENERAL

Provision for car leveling	*None	
Provision for brake dip control	Yes	
Provision for acc. squat control	No	
Special provisions for car jacking	Slot In Front Bumper Rail - .25" Indentation In Bottom of Lower Plate of Rear Bumper	
Shock absorber front & rear	Type	Direct
	Make	Delco
	Piston dia.	1"
Other special features	*	

## SUSPENSION—FRONT

Type and description	*Coil Spring and Ball Joint
----------------------	-----------------------------

\*Air-Poise Suspension Optional on All Series

(Continued)

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<b>MODEL</b>	<b>Series</b>		
	40                  60                  50                  70                  700		

## SUSPENSION FRONT (cont.)

<b>Spring</b>	Type	Coil			
	Material	9260			
	Size (coil design height & I.D.; bar length x dia.)	10.1 - 4.05 140 - .690	10.1 - 4.05 147 - .710		
	Spring rate (lb. per in.)	370	390		
	Rate at wheel (lb. per in.)	90	95		
	Design load (lb. @ design height)	2400	2570		
<b>Stabilizer</b>	Type (link, linkless, frameless)	Link			
	Material & bar diameter	1070 - ***.750			

## STEERING

Mechanical (std., opt., NA)			Standard	None	
Power (std., opt., NA)			*Optional	Standard	
Wheel diameter			1.75		
<b>Turning diameter</b>	Outside front	Wall to wall (l. & r.)	45.7	47.2	
		Curb to curb (l. & r.)	43.2	44.5	
	Inside rear	Wall to wall (l. & r.)	26.1	27.0	
		Curb to curb (l. & r.)	26.7	27.5	
Outside wheel angle with inside wheel at 20°			18.0	18.5	
<b>Mechanical</b>	Gear	Type	Recirculating Ball Nut		
		Make	Saginaw		
		Ratios	Gear	23.6	None
			Overall	28.8	None
	No. wheel turns		5	None	
<b>Power</b>	Type		**Hydraulic		
	Make		Saginaw In Line		
	Trade name		Safety Power Steering		
	Gear	Type	Recirculating Ball Nut Integral With Power Piston		
		Ratios	Gear	17.5	
			Overall	19.7	
	Pump driven by		Belt		
	Overall torque ratio		Variable		
	Number wheel turns		4		
	<b>Linkage</b>	Type		Parallelogram	
Location (front or rear of wheels, other)		Rear of Wheels			
Drag link (trans. or longit.)		Transverse			
Tie rods (one or two)		Two			

\*Available at Extra Cost

(Continued)

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\*\*Optional at Extra Cost On Series 40 and 60

\*\*\*.875 When Air-Poise is Specified

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<b>MAKE OF CAR</b> <u>BUICK</u>	<b>MODEL YEAR</b> <u>1958</u> <b>DATE ISSUED</b> <u>10-15</u> <b>REVISED</b> _____					
<b>MODEL</b> _____	<b>Series</b>					
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40	60	50	70	700		

## STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		<b>7° at 0° 52' 30" Camber</b>
	Bearings (type)	Upper	<b>Ball Joint Suspension Used</b>
		Lower	<b>Ball Joint Suspension Used</b>
	Thrust	<b>Ball Joint Suspension Used</b>	
Wheel alignment (range and preferred)	Caster (deg.)		<b>*45' Negative</b>
	Camber (deg.)		<b>22' Positive</b>
	Toe-in (outside tread-inches)		<b>.0625 - .125"</b>
Steering spindle & joint type			<b>Ball Joint Suspension</b>
Wheel spindle	Diameter	Inner bearing	<b>1.374"</b>
		Outer bearing	<b>.843"</b>
	Thread size		<b>.8125 - 16 U.N.</b>
	Bearing type		<b>Ball</b>

## SUSPENSION—REAR

Type and description		<b>Coil Standard; Air-Poise Available as Opt. Equipment</b>		
Drive and torq. taken through (see page 14)		<b>Torque Tube</b>		
Spring	Type	<b>Coil</b>		
	Material	<b>9260</b>		
	Size (length x width, coil design height and I.D.; bar length & dia.)	<b>9.3 - 5.5</b>	<b>9.3 - 5.5</b>	
		<b>123 - .570</b>	<b>126 - .590</b>	
	Spring rate (lb. per in.)	<b>112</b>	<b>125</b>	
	Rate at wheel (lb. per in.)	<b>112</b>	<b>125</b>	
	Design load (lb. at design height)	<b>975</b>	<b>1090</b>	
	Mounting Insulation type		<b>Laminated Rubber</b>	
if leaf	No. of leaves		<b>None</b>	
	Inserts	Type and size	<b>None</b>	
		Material	<b>None</b>	
	Shackle (comp. or tens.)		<b>None</b>	
Stabilizer	Type (link, linkless, frameless)		<b>None</b>	
	Material		<b>None</b>	
Track bar type		<b>Tubular Steel Bar Mounted In Rubber</b>		

**\*Air-Poise - 0° Caster**

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MAKE OF CAR BUICK MODEL YEAR 1958 DATE: ISSUED 10-15 REVISED \_\_\_\_\_

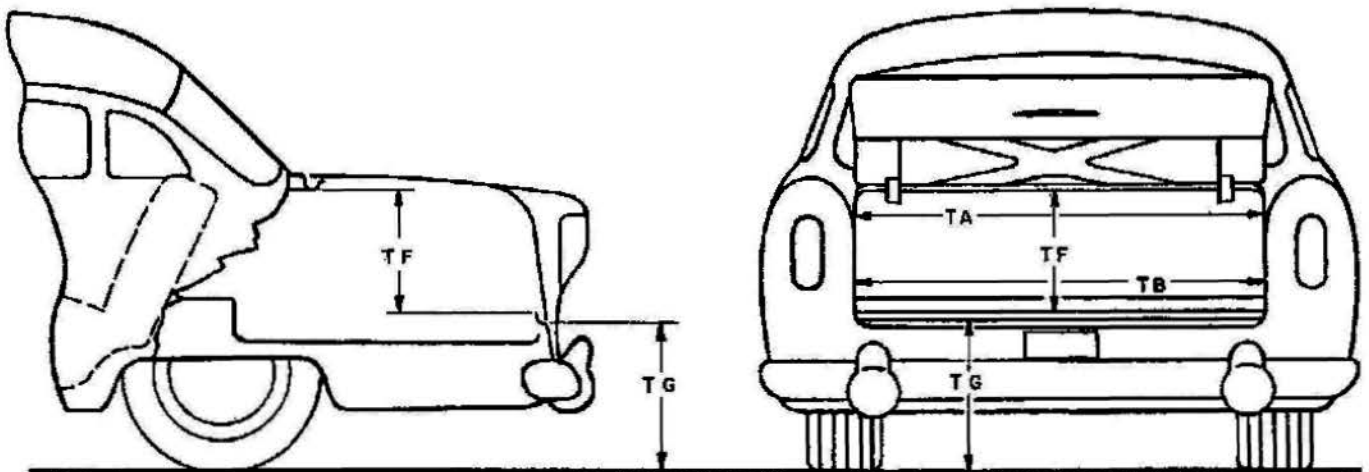
## BODY—GENERAL DEFINITIONS

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 Subcommittee 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	Series				
	40	60	50	70	700

## BODY—TRUNK DIMENSIONS



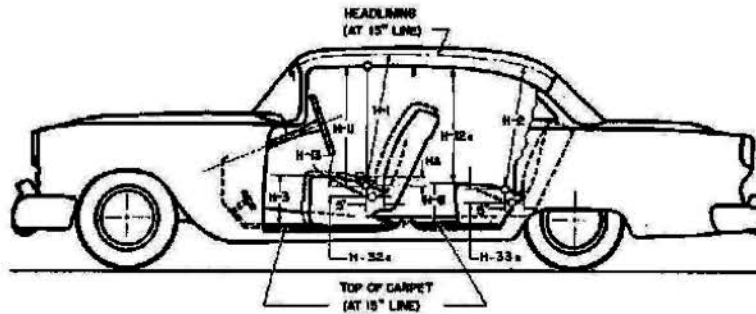
Usable trunk luggage capacity (see Section H1 of SAE Automotive Drafting Standards)	N. A.				
TA—Width across the top	46.84		52.80		
TB—Width across the bottom	46.84		52.80		
TF—Vertical dimension at C/L from bottom to top of opening.	15.50		16.06		
TG—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	23.72	23.96	23.88	24.09	
Position of spare tire stowage	Right Side Longitudinal - Vertical				
Method of holding lid open	Counter Balance Spring At Trunk Lid Hinges				

Dimensions Shown On Pages 19 to 24 Inclusive Are For Models 41, 61, 53, 75 and 750. Rev. Form 6-57

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 \_\_\_\_\_ Series \_\_\_\_\_  
 MODEL \_\_\_\_\_ 40 60 50 70 700

## BODY—HEIGHT DIMENSIONS--INTERIOR

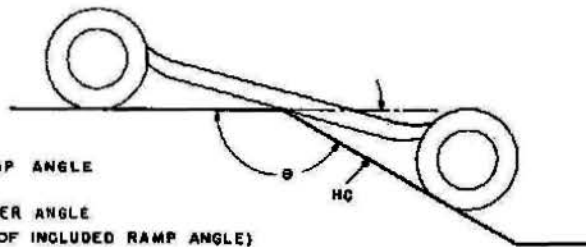
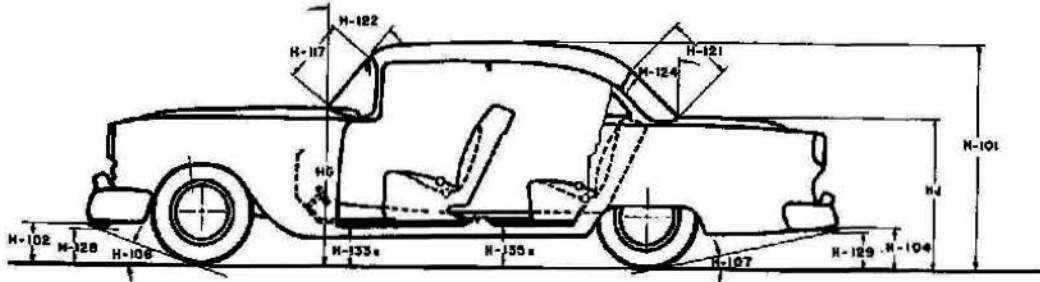


H1. Front headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line. (For "A" pt. see note 1, page 19)	34.9	36.4	35.8
H2. Rear headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line.	33.5	35.1	34.5
H3. Front cushion height above low point on floor carpet on 15" line (front edge of cushion).	10.9	10.8	10.9
H8. Rear cushion height above low point on floor carpet on 15" line (front edge of cushion).	12.0	11.9	11.0
H11. Entrance—front—cushion free "A" point to bottom windcord vertical.	28.5	29.9	29.4
H12a. Entrance — rear — top of cushion at vertical tangent to front of rear seat, to bottom of windcord in rear.	26.4	28.4	27.6
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance).	5.6	5.5	5.1
HA. Front seat maximum vertical rise at free "A" point.	.34		
HF. Front seat maximum vertical rise of free "A" point with multiple-position seat.	2.42		
H32a. Front seat depressed depth — vertical dimension from free "A" point to depressed "A" point.	4.3	4.7	
H33a. Rear seat depressed depth — vertical dimension from free "A" point to depressed "A" point.	4.0	N.A.	

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 \_\_\_\_\_ 40 \_\_\_\_\_ 60 \_\_\_\_\_ 50 \_\_\_\_\_ 70 \_\_\_\_\_ 700

## BODY-HEIGHT DIMENSIONS-EXTERIOR



H101. Overall height - loaded.	57.6	57.9	59.4	59.6
H101. Overall height - curb weight.	59.3	59.5	61.0	61.2
H102. Front bumper bottom to ground at normal section.	9.7	9.9		10.1
H104. Rear bumper bottom to ground at normal section.	10.2	10.4	10.3	10.5
H106. Angle of appr.-fr. tire static loaded rad. to interfering pt. on fr. bumper, gd., other.	18.0°	18.4°		18.8°
H107. Angle of dep.-fr. tire static loaded rad. to interfering pt. on rr. bumper, gd., other.	13.4°	13.8°	13.2°	13.4° 11.4°
HC. Ramp breakover angle.*	11.8°	12.4°	11.8°	12.2°
H117. Windshield DLO-slant height.	18.80		21.15	
H121. Backlight DLO*-max., slant height.	18.31		16.86	
H122. Windshield slope angle to vertical line on car axis.	47.5°		47.0°	
H124. Backlight slope angle to vertical line on car axis.	33°		37° 45'	
H128. Ground to bottom of front bumper guard.	11.8	12.1	11.1	12.6
H129. Ground to bottom of rear bumper guard.	None			
H133a. Bottom of front door to ground, min. dimension - car loaded.	11.4	11.7	11.4	11.6
H135a. Bottom of rear door to ground, min. dimension - car loaded.	11.2	11.5	11.2	11.4
HD. Min. road clear. (5 pass. load) & loc.	**6.1	6.4		6.6
HE. Min. road clearance at rear axle.	7.4	7.7		7.9
HG. Hood at rr. to grd.-vert. dim. excl. molding, fr. hood opening line at cowl (curb wt.)	42.5	42.7		42.9
HH. Max. ht., fr. grd. frt. of windshield (curb wt.)	41.8	42.1	42.6	42.9
HJ. Max. ht. fr. grd. back of r. window (curb wt.)	41.9	42.2	41.9	42.1

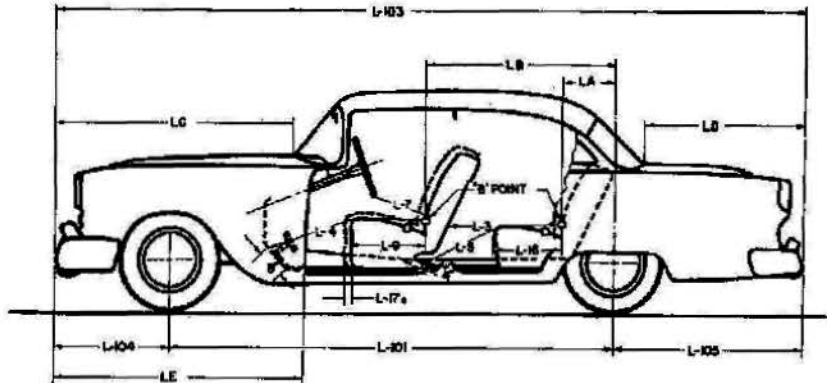
\* See Notes, page 19.

\*\*Front End of Rear Muffler

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 MODEL \_\_\_\_\_ Series \_\_\_\_\_  
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## BODY--LENGTH DIMENSIONS



Interior	* L3. Rear compartment of front seat back to rear seat back.	31.8	35.4	35.5	
	* L4. Leg room—front—ball of foot to top of seat to seat back--15" line.	43.0	43.5	43.2	
	* L5. Leg room—rear—from ball of foot to top of seat cushion and to seat back†	41.7	41.6	44.5	44.1
	L7. Steering wheel clearance to seat back taken on arc.	13.9		13.6	
	* L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	17.8	17.7	17.6	
	* L16. Depth of rear seat (front edge to seat back).	18.7	17.6	18.0	
	L17a. Total adjustment of front seat at front lower seat frame.			† 4.70 † 5.50	
	LA. Rear seat "B" point to center line of rear axle.	16.2	15.3	15.4	
	LB. Front seat "B" point to center line of rear axle.	59.1	59.6	59.8	
	LC. Front of car to base of windshield.	65.0			
	LD. Rear of car to base of rear window or upper structure.	43.6	47.3	55.3	
	LE. Front of car to front edge of front door.	73.1	74.1		
	Exterior	L101. Wheelbase.	122.0	127.5	
L103. Overall length (bumper to bumper inc. guards).		211.8	219.1	227.1	
L104. Overhang—front including bumper guards.		37.6	38.1		
L105. Overhang—rear including bumper guards.		52.2	53.5	61.5	

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

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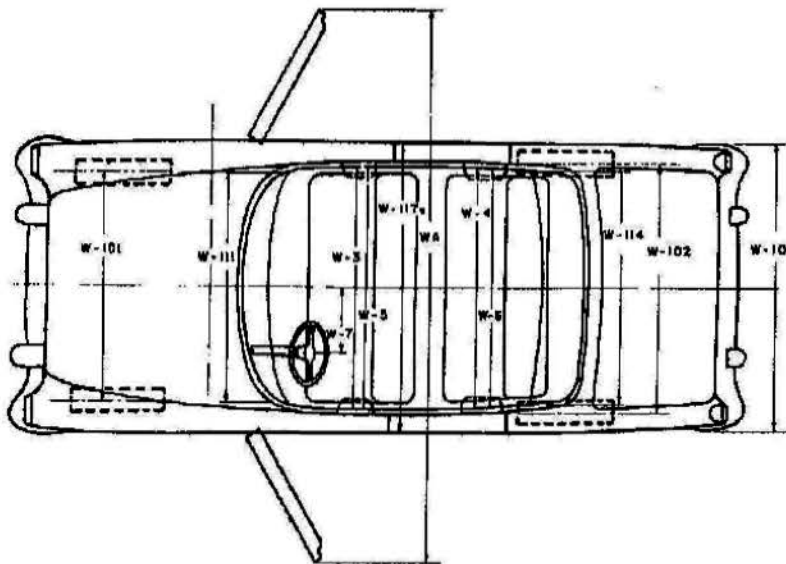
† Manual and Power Horizontal  
 ‡ Six-Way

# AMA Specifications - Passenger Car

MAKE OF CAR BUICK MODEL YEAR 1958 DATE ISSUED 10-15 REVISED \_\_\_\_\_

MODEL \_\_\_\_\_ Series \_\_\_\_\_  
 40                      60                      50                      70                      700

## BODY-WIDTH DIMENSIONS

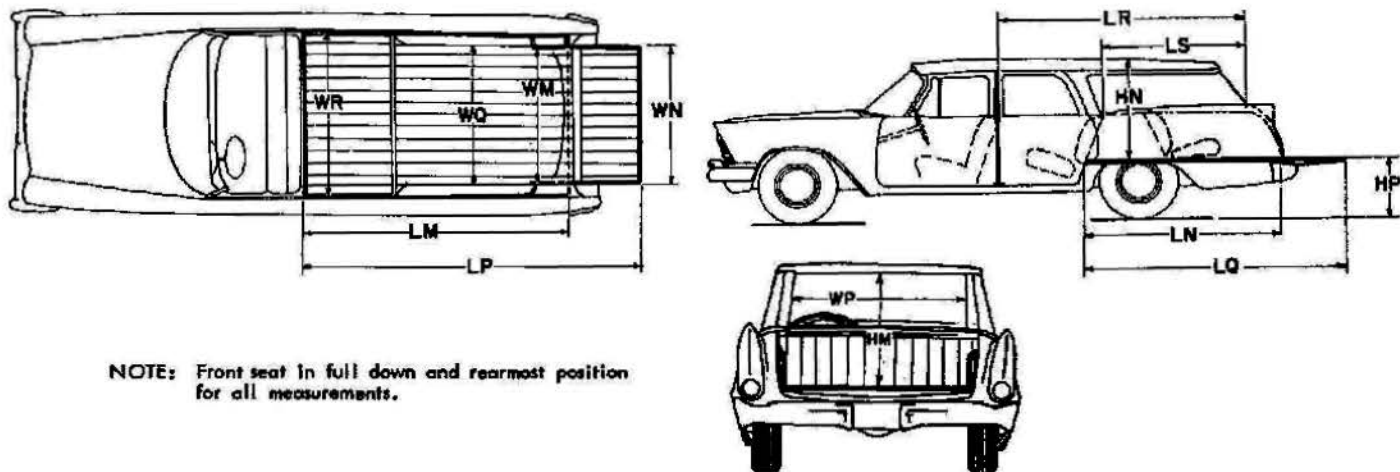


Interior	W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	56.9	58.5	
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	55.7	56.8	
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	62.6	65.7	65.5
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	62.1	65.0	64.8
	W7. Steering wheel center to center of body.	15.3		
Exterior	W101. Front tread at ground.	59.5	60.0	
	W102. Rear tread at ground.	59.0	61.0	
	W103. Max. overall width of car including bumpers or mouldings.	78.1	79.8	
	WA. Max. overall width of car with doors open.	144.6	153.4	
	W111. Windshield DLO, max. width.	60.90	62.56	
	W114. Back window DLO, max. width.	58.62	59.90	
	W117a. Max. body width at center pillar, less hardware and applied moldings.	74.7 <sup>±</sup> .50	77.6 <sup>±</sup> .50	

# AMA Specifications – Passenger Car

MAKE OF CAR BUICK MODEL YEAR 1958 DATE: ISSUED 10-15 REVISED \_\_\_\_\_  
 MODEL \_\_\_\_\_ Series 40 60

## STATION WAGON—CARGO SPACE DIMENSIONS



NOTE: Front seat in full down and rearmost position for all measurements.

LM Floor length from bottom of front seat to inside of tail gate in raised position.	84.0
LN Floor lgth. from bottom of second seat to inside of tail gate in raised position.	47.2
LP Floor lgth. from bottom of front seat to end of tail gate in lowered position.	101.9
LQ Floor lgth. from bottom of second seat to end of tail gate - tail gate lowered.	65.1
HM Maximum hgth. of rear opening - tail gate lowered.	35.1
WM Rear end opening width at floor.	48.0
WN Rear end opening width at top of tail gate.	61.2
WQ Minimum distance between wheelhouses.	43.4
WP Maximum width of rear opening above raised tail gate.	61.2
WR Maximum width of cargo space at floor.	57.4
LR Cargo horizontal distance from top rear of front seat back to top of tail gate.	73.2
LS Cargo horizontal distance from top rear of second seat back to top of tail gate.	37.8
HN Maximum height of roof above floor at center line of car.	31.2
HP Platform height of end of lowered tail gate - curb weight.	30.8
Third Seat - facing direction.	None



# AMA Specifications - Passenger Car

MAKE OF CAR **BUICK** MODEL YEAR **1958** DATE ISSUED **10-15** REVISED \_\_\_\_\_  
 Series  
 MODEL \_\_\_\_\_ 40 \_\_\_\_\_ 60 \_\_\_\_\_ 50 \_\_\_\_\_ 70 \_\_\_\_\_ 700

## BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel).		*Lacquer
Hood hinge location (front, rear).		Rear
Hood counterbalanced (yes, no).		Yes
Hood release control (internal, external).		External
Vehicle (Serial) No. Location		On Plate Welded to Left Front Pillar of Body
Engine No. location		**Same as Vehicle Serial Number
Theft protection - type		Ignition Switch Shield Equipped With Theft-Proof Screws
Vent window control method (crank, friction pivot).		Crank
Windshield type (single curved, compound curved, other)		Single Curved
Rear window type (flat, curved, one piece, three piece)		One-Piece
Side glass type (curved, flat)		Flat
Windshield glass area D.L.O.	1172.9	1180.4      1347.0
Backlight glass area D.L.O.	1117.8	984.4      993.0
Total glass area D.L.O.	3500.1	3247.0      3646.6

## BODY—TYPES AND STYLE NAMES —

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

BODY STYLES:	CODES
Sedan - 4 door, 4 window - 6 passenger	41
Sedan - 4 door, 4 window Riviera - 6 passenger	43
Coupe - 2 door convertible - 6 passenger	46C
Coupe - 2 door Riviera - 6 passenger	46R
Sedan - 2 door - 6 passenger	48
Estate Wagon - 4 door - 6 passenger	49
Estate Wagon - 4 door Riviera - 6 passenger	49D
Sedan - 4 door, 4 window - 6 passenger	61
Sedan - 4 door, 4 window Riviera - 6 passenger	63
Coupe - 2 door convertible - 6 passenger	66C
Coupe - 2 door Riviera - 6 passenger	66R
Estate Wagon - 4 door Riviera - 6 passenger	69
Sedan - 4 door, 4 window Riviera - 6 passenger	53
Coupe - 2 door Riviera - 6 passenger	56R
Sedan - 4 door, 4 window Riviera - 6 passenger	75
Coupe - 2 door convertible - 6 passenger	75C
Coupe - 2 door Riviera - 6 passenger	75R
Sedan - 4 door, 4 window Riviera - 6 passenger	750
Coupe - 2 door Riviera - 6 passenger	755
Coupe - 2 door convertible - 6 passenger	756

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\*Acrylic Lacquer "Lucite" Available as Optional Equipment, However, Extra Cost on Series 40, 60 and 50.

\*\*Cylinder Block Just Forward of Push Rod Cover on Left Side of Engine.

