

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	CHEVROLET	MODEL YEAR	1958	DATE ISSUED	8-27-57	REVISED	10-31-57
COMPANY	CHEVROLET DIVISION GENERAL MOTORS CORP.						
MODEL NAME	SYMBOL	MODEL NAME	SYMBOL				
CORVETTE	867						

TABLE OF CONTENTS

General Specifications	1	Brakes	15	Station Wagon	24
Engine - Mechanical	2	Front Suspension & Steering	16	Body & Car -- General	25
Electrical	8	Rear Suspension	18	Weights	26
Drive Units	12	Body Dimensions	19	Index	27

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.:	
		283 CUBIC INCH V-8
Wheelbase (L-101)	22	102
Tread	Front (W-101)	57.0
	Rear (W-102)	59.0
Maximum Overall Dimensions	Length (L-103)	177.2
	Width (W-103)	72.8
	Height (H-101)	51.1 FOLDING TOP UP (a)
Transmission— (Specify trade name - opt., not available)	Manual	3-SPEED CLOSE RATIO STANDARD (e)
	Overdrive	NONE
	Automatic	POWERGLIDE OPTIONAL
Axle ratio	Manual	3.70:1 (b)
	Overdrive	NONE
	Automatic	3.55:1
Tire size	15	6.70-15-1) PLY BLACKWALL STD.
Engine	Type, no. cyl., valve arr.	2 90° V-8, IN HEAD
	Fuel system (Carb. or inj.)	6 CARBURETOR (c)
	Bore and stroke	2 3.875 X 3.00
	Piston displ., cu. in.	2 283
	Std. compression ratio	2 9.5:1 (d)
	Max. bhp at engine rpm	2 230 @ 4800 RPM
	Max. torque at rpm	2 300 @ 3000 RPM

- (a) 51.0 OPTIONAL HARDTOP Rev. Form 6-57
- (b) 4.11:1 & 4.56:1 POSITRACTION REAR AXLES RATIOS OPTIONAL FOR 3 OR 4 SPEED TRANS.
- (c) DUAL 4-BARREL CARBURETOR OR FUEL INJECTION OPTIONAL
- (d) 10.5:1 WITH FUEL INJECTION & SPECIAL CAMSHAFT OPTION
- (e) 4 SPEED TRANSMISSION OPTIONAL

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57
MODEL CORVETTE

ENGINE—GENERAL

Type, no. cyls., valve arr.		90° V-8, IN HEAD
Bore and stroke		3.875 X 3.00
Piston displacement, cu. in.		283
Bore spacing (C/L to C/L)		4.41
No. system (front to rear)	L. Bank	1-3-5-7
	R. Bank	2-4-6-8
Firing order		1-8-4-3-6-5-7-2
Compres. ratio (nominal)	Standard	9.5:1
	Optional	10.5:1 WITH FUEL INJECTION AND SPECIAL CAM
Cylinder Head Material	Standard	CAST ALLOY IRON
	Optional	NONE
Cylinder Sleeve - Wet, dry, none		NONE
Number of mounting points	Front	2
	Rear	1
Taxable $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{\text{horsepower } 2.5}$		48
Published max. bhp at engine RPM*	Standard	230 @ 4800 RPM
	Optional	(b)
Published max. torque* (lb. ft. @ RPM)	Standard	300 @ 3000 RPM
	Optional	(b)
Recommended fuel regular - premium	Standard	94-96 PREMIUM OCTANE (a)
	Optional	NONE
Recommended idle speed (neutral)		475 IN NEUTRAL WITH 3-SPEED; 425 IN DRIVE WITH POWERGLIDE

ENGINE—PISTONS

Material	CAST ALUMINUM ALLOY
Description and finish	MACHINED RELIEF FOR VALVE HEAD CLEARANCE (DOMED PISTON WITH MACHINED RELIEFS WITH FUEL INJECTION AND SPECIAL CAMSHAFT)
Weight (piston only) oz.	21.12

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

(Continued)

Rev. Form 6-57

- (a) 96-100 PREMIUM OCTANE WITH FUEL INJECTION & SPECIAL CAMSHAFT
- (b) See Page 2-A

AMA CONSOLIDATED SPECIFICATION QUESTIONNAIRE

MAKE OF CAR Chevrolet MODEL YEAR 1958
MODEL Corvette

ENGINE GENERAL (Continued)

With Four-Barrel Carburetor Equipment:

Maximum bhp at engine RPM 230 @ 4800
Maximum torque at RPM 300 @ 3000

With Two Four-Barrel Carburetor Equipment:

Maximum bhp at engine RPM 245 @ 5000
Maximum torque at RPM 300 @ 3800

With Fuel Injection Equipment:

Maximum bhp at engine RPM 250 @ 5000
Maximum torque at RPM 305 @ 3800

With Two Four Barrel Carburetor and Special Camshaft:

Maximum bhp at engine RPM 270 @ 6000
Maximum torque at RPM 285 @ 4200

With Fuel Injection and Special Camshaft:

Maximum bhp at engine RPM 290 @ 6200
Maximum torque at RPM 290 @ 4400

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57

MODEL CORVETTE

ENGINE PISTONS (Cont.)

Clearance (limits)	Top land		.035-.043
	Skirt	Top	.0016-.0020
		Bottom	N.A.
Ring groove depth	No. 1 ring		.2153-.2218
	No. 2 ring		.2153-.2218
	No. 3 ring		.2093-.2158
	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.	INSIDE BEVEL, CAST ALLOY IRON, CHROME PLATED O.D.	
	Width		.0775-.0780
	Gap		.010-.020
Oil	Description - material, type, coating, etc.	STAINLESS STEEL SPACER MULTI-PIECE, STEEL RAILS, WITH CHROME PLATED O.D.	
	Width		.181-.188
	Gap		.015-.055
Expanders		IN OIL RING ASSY.	

ENGINE—PISTON PINS

Material			CHROMIUM STEEL
Length			2.990-3.010
Diameter			.9270-.9273
Type	Locked in rod, in piston, floating, etc.		PRESSED IN ROD
	Bushing	In rod or piston	NONE
		Material	NONE
Clearance	In piston		.00015-.00025
	In rod		NONE
Direction & amount offset in piston			MAJOR THRUST SIDE - .060

ENGINE—CONNECTING RODS

Material			FORGED STEEL
Weight (oz.)			19.02
Length (center to center)			5.699-5.701
Bearing	Material & Type	STL. BACKED BABBITT (a), REMOVABLE	
	Overall length		.817
	Clearance (limits)		.0007-.0027
	End play		.008-.014

(a) STEEL BACKED ALUMINUM ALLOY MATRIX WITH THIN LEAD ALLOY OVERPLATE, REMOVABLE, WITH SPECIAL CAMSHAFT.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57

MODEL CORVETTE

ENGINE—CRANKSHAFT

Material		FORGED STEEL	
Vibration damper type		INERTIA, RUBBER MOUNTED	
End thrust taken by bearing (No.)		5	
Crankshaft end play		.002-.006	
Main bearing	Material & type	STEEL BACKED BABBITT, REMOVABLE (d)	
	Clearance	.0008-.0034	
	Journal dia. and bearing overall length	No. 1	2.2983 X .7620
		No. 2	2.2983 X .7620
		No. 3	2.2983 X .7620
		No. 4	2.2983 X .7620
		No. 5	2.2983 X 1.169
No. 6		NONE	
Dir. & amt. cyl. offset	NONE		
Crankpin journal diameter		1.999-2.000	

ENGINE—CAMSHAFT

Location		ABOVE CRANKSHAFT	
Material		CAST ALLOY IRON	
Bearings	Material	BABBITT ON STEEL BACKED ALUMINUM SHELL	
	Number	5	
Type of drive	Gear or chain	CHAIN AND SPROCKET	
	Crankshaft gear or sprocket material	STEEL	
	Camshaft gear or sprocket material	CAST ALLOY IRON	
	Timing chain	No. of links	46
		Width	.875
		Pitch	.500

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		STANDARD (a)
Special provision for valve rotation (intake, exhaust)		NONE
Rocker ratio		1.5:1
Operating tappet clearance (indicate hot or cold)	Intake	ZERO (b)
	Exhaust	ZERO (c)
Timing marks on fly-wheel, damper, other		DAMPER

- (a) MECHANICAL TAPPETS ON ENGINES EQUIPPED WITH SPECIAL CAMSHAFT (Continued) Rev. Form 6-57
- (b) .012 HOT WITH MECHANICAL TAPPETS
- (c) .018 HOT WITH MECHANICAL TAPPETS
- (d) STEEL BACKED ALUMINUM ALLOY MATRIX WITH THIN LEAD ALLOY OVERPLATE, REMOVABLE, WITH SPECIAL CAMSHAFT.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1958 DATE ISSUED 8-27-57 REVISED 10-31-57

MODEL CORVETTE

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	12° 30'	SPECIAL CAMSHAFT	35°
		Closes (°ABC)	57° 30'	SPECIAL CAMSHAFT	72°
		Duration - deg.	250°	SPECIAL CAMSHAFT	287°
	Exhaust	Opens (°BBC)	54° 30'	SPECIAL CAMSHAFT	76°
		Closes (°ATC)	15° 30'	SPECIAL CAMSHAFT	31°
		Duration - deg.	250°	SPECIAL CAMSHAFT	287°
Valve opening overlap		28°		56°	
Intake	Material		ALLOY STEEL		
	Overall length		4.9024-4.9224 (a)		
	Actual overall head dia.		1.715-1.725		
	Angle of seat		45°		
	Seat insert material		NONE		
	Stem diameter		.3415-.3422		
	Stem to guide clearance		.0010-.0027		
	Lift		.3987 (.3818 WITH SPECIAL CAMSHAFT)		
	Outer spring press. and length	Valve closed (lb. @ in.)	1.696 @ 71-79 LB.		
		Valve open (lb. @ in.)	1.30 @ 159-169 LB.		
	Inner spring press. and length	Valve closed (lb. @ in.)	VALVE SPRING DAMPER 5-10 LB.		
		Valve open (lb. @ in.)	N.A.		
	Exhaust	Material		ALLOY STEEL	
Overall length		4.913-4.933 (b)			
Actual overall head dia.		1.495-1.505			
Angle of seat		45°			
Seat insert material		NONE			
Stem diameter		.3410-.3417			
Stem to guide clearance		.0015-.0032			
Lift		.3987 (.3817 WITH SPECIAL CAMSHAFT)			
Outer spring press. and length		Valve closed (lb. @ in.)	71-79 LB. @ 1.696		
		Valve open (lb. @ in.)	159-169 @ 1.306		
Inner spring press. and length		Valve closed (lb. @ in.)	VALVE SPRING DAMPER 5-10 LB.		
		Valve open (lb. @ in.)	N.A.		

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	PRESSURE
	Connecting rods	PRESSURE
	Piston pins	SPASH
	Camshaft bearings	PRESSURE
	Tappets	PRESSURE
	Timing gear or chain	PRESSURE
	Cylinder walls	PRESSURIZED JET CROSS SPRAYED

- (a) 4.8699-4.8899 WITH DUAL 4-BARREL OR FUEL INJECTION WITH SPECIAL CAMSHAFT
- (b) 4.8905-4.9105 WITH DUAL 4-BARREL OR FUEL INJECTION WITH SPECIAL CAMSHAFT

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet **MODEL YEAR** 1958 **DATE: ISSUED** 9-27-57 **REVISED** 10-31-57

MODEL Corvette

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	35 - PSI @ 2000
Oil pressure sending unit (electric or mechanical)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full Flow
Filter replacement (element, complete)	AC Element
Capacity of crankcase, less filter-refill (qt.)	5
Oil grade recommended (SAE viscosity and temperature range)	Not Lower Than 32° F..... SAE 20W or SAE 20 Not Lower Than 0° F..... SAE 10W or SAE 10W-30 Lower Than 0° F..... SAE 5W or SAE 5W-20
Oil type recommended	Heavy Duty

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Reverse Flow (a)
Exhaust pipe dia. (O.D., wall thickness)	None
	2.00 x .0625
Tail pipe diameter (O.D. & wall thickness)	1.81 x .0598

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 Injection Optional)
Fuel Tank	Capacity (gals.) 16.4
	Filler location Left Side Of Body To Rear Of Drivers Door
Fuel Pump	Type (elec. or mech.) Mechanical
	Locations Lower Right Front Corner Of Engine
	Pressure range 5.25-6.5 PSI
Vacuum booster (std., optional, none)	None
Fuel Filter	Type Strainer
	Locations Ahead Of Carburetor
Carburetor	Make & Model No. Carter 3746384
	Number & Type Single 4-Barrel (Dual 4-Barrel Optional)
	Barrel size 1.4375
	Choke type Automatic
	Intake manifold heat control (exhaust or water) Exhaust
Air clnr. type	Standard Oil Wetted
	Optional Paper Element With Fuel Injection

(a) - Straight through with special camshaft.

AMA CONSOLIDATED SPECIFICATION QUESTIONNAIRE

Revised: 10-31-57

Make of Car CHEVROLET Model Year 1958Model CORVETTE

ENGINE FUEL SYSTEM-FUEL INJECTION

Injection System	Make	Rochester Products
	Model	7014900
	Type	Constant Flow
Fuel Recommended		Premium
Fuel Pump	Type	Mechanical
	Location	Lower Right Front Corner of Engine
	Pressure Range	5-1/4 - 6-1/2 PSI
Auxiliary Fuel Filter	Type	Ten Micron
	Location	Bracketed to Engine Top Cover RH Front Si
Inlet Manifold Adapter-Material		Cast Aluminum
Inlet Manifold-Material		Cast Aluminum
Air Induction (a)	Air Cleaner Type	Dry (Paper Element)
	Air Meter Location	Left Side of Engine
	Plenum Chamber	Integral with Inlet Manifold
	Ram Pipes	Eight, Integral with Inlet Manifold
	Ram Pipe Length	12 Inches
Fuel Induction		Metered as Function of Air Flow
Air/Fuel Ratio Control		Vacuum Sensitive Diaphragm Located on Fuel Mete
Fuel Meter Pump	Type	Gear Type
	Location	In Fuel Meter Assembly
	Drive	Gear Driven by Flexible Shaft from Distributor
	Pressure (Max.)	300 PSI
Injection Nozzles	Number Used	Eight
	Material	Brass
	Location	Mounted on Inlet Manifold above Intake Ports
	Orifice Size-Fuel	.0118
	Insulation	Bakelite Block
Automatic Enrichment	Type	Electric, Time-Temperature Type
	Location	On Air Meter Assembly
	Current Draw	1 amp. at 70°
Enrichment	Fast Idle Cam	Yes

(a) - Air Intake Ducts which channel outside air to the Engine Compartment are furnished with fuel injection when special camshaft is used.

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57
MODEL Corvette

ENGINE—COOLING SYSTEM

Type (pressure system, atmospheric, other)		Pressure		
Radiator cap relief valve pressure		6.25-7.75 PSI		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	160		
Water pump	Type (centrifugal, other)	Centrifugal		
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
	Bearing type	Double Row Ball		
By-pass recirculation type (internal, external)		Internal		
Radiator core type (cellular, tube and fin, other)		Cellular		
Cooling system capacity	With heater (qt.)	17		
	Without heater (qt.)	16		
	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, Moulded	
		Inside diameter	1-3/4	
	Upper	Number and type (molded, straight)	One, Moulded	
		Inside diameter	1-1/2	
	By-pass	Number and type (molded, straight)	None	
		Inside diameter	None	
	Fan	Number of blades & Spacing		4-Staggered
		Diameter		17
Ratio—fan to crankshaft rev.		.949:1		
Fan cutout type		None		
Bearing type		Double Row Ball		
*Drive belts (indicate belt used by letter)	Fan		A	
	Generator		A	
	Water Pump		A	
	Power Steering		NA	
Air Conditioning		NA		

Rev. Form 6-57

*Drive Belt Dimensions	A	B	C
Angle of V	37°-44°		
Nominal length (SAE)	54-3/4		
Width	5/16		

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet **MODEL YEAR** 1958 **DATE ISSUED** 8-27-57 **REVISED** 10-31-57
MODEL Corvette

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco, 2 SMR 53-W		
	Voltage Rtg. & Plates/cell	12 Volt, 9-Plate		
	SAE Designation & Amp Hr. Rtg	2 SM, 53 Amp. Hrs. @ 20 Hr.		
	Location	Under Hood Right Side Rear		
	Terminal grounded	Negative		
Generator	Make	Delco-Remy		
	Model	1102043		
	Type	2 Brush, Shunt Wound		
	Ratio—Gen. to Cr/s rev.	2.00:1		
	Gen. cut-in—engine rpm	1250		
Regulator	Make	Delco-Remy		
	Model	1119001		
	Type	Current & Voltage Regulator		
	Cutout relay	Closing voltage @ generator rpm	11.8-13.5 @ 1300 RPM	
		Reverse current to open	NA	
	Regu-lated	Voltage	13.8-14.8	
		Current	27-33 AMP	
	Voltage test con-ditions	Temperature	Operating (Run Gen. 15 Min. @ 8-10 Amps. Before Testing)	
Load		10 Amps. Max.		
Other		None		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	1107664		
	Rotation (drive end view)	Clockwise		
	Engine cranking speed	NA		
	Test conditions	Engine At Operating Temperature		
	Lock test	Amps	NA	
		Volts	NA	
		Torque (lb. ft.)	NA	
	No load test	Amps	75 (Max.)	
		Volts	10.3	
RPM (min.)		6900		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	3-Speed-Shift In Neutral, Depress Clutch Powerglide-Place Selector Lever In Park Or Neutral To Start Engine, Depress Accelerator Pedal To Floor And Release. Turn Ignition Key To Extreme Right.		

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57

MODEL Corvette

ELECTRICAL—STARTING SYSTEM (cont.)

Motor drive	Engagement type		Positive Shift Solenoid
	Pinion meshes (front, rear)		Front
	Number of teeth	Pinion	9
		Flywheel	168
Flywheel tooth face width		.4135	

ELECTRICAL—IGNITION SYSTEM

Coil	Make		Delco-Remy
	Model		1115091
	Amps	Engine stopped	4
Engine idling		1.8	
Distributor	Make		Delco-Remy
	Model		1110890 (b)
	Spark adv. centrifugal (crankshaft degrees)	Start (rpm)	0° @ 600 (c)
		Intermediate points @ rpm	14° @ 1500 (c)
		Max. @ rpm	28° @ 3700 (c)
	Spark adv. vacuum (crankshaft degrees)	Start (in. Hg)	0° @ 8" Hg. (d)
		Intermediate points, deg. @ rpm	N.A.
		Max. @ in. Hg.	15° @ 15.5" Hg. (d)
	Breaker gap (in.)		.018
	Cam angle (deg.)		29
Breaker arm tension (oz.)		19-23	
Timing	Crankshaft deg. @ rpm.		4° BTDC @ 600 RPM (a)
	Mark location		Damper
	Cylinder numbering system (see page 2)		Left Bank 1-3-5-7; Right Bank 2,4,6,8
	Firing order (see page 2)		1-8-4-3-6-5-7-2
Spark Plug	Make and model		AC 46
	Thread (mm)		14
	Tightening torque (lb. ft.)		20-25
	Gap		.035
Cable	Conductor type		Linen Core Impregnated With An Electrical Conducting Material
	Insulation type		Rubber With Neoprene Jacket
	Spark plug protector		Hypalon Jacket

ELECTRICAL—SUPPRESSION

Description	Non-Metallic High Tension Cable
-------------	---------------------------------

- (a) - Fuel Injection With Special Camshaft 14° BTC @ 1000 RPM. Rev. Form 6-57
- (b) - 1110891 With Two 4-Barrel Carburetors; 1110915 With Fuel Injection, Regular Camshaft; 1110914 With Fuel Injection And Special Camshaft.
- (c) - 0° At 1000 RPM, 5° At 1500, 22° At 6000 With Fuel Injection Special Camshaft.
- (d) - 0° At 5", 24° At 13.5" With Fuel Injection; No Vac. Adv. With 2 x 4 or Fuel Injection With Special Camshaft.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57
 MODEL CORVETTE

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	AC
	Trip odometer (yes, no)	NO
Charge indicator-type		AMMETER
Temperature indicator-type		ELECTRIC
Oil pressure indicator-type		BOURDON TUBE
Fuel indicator-type		ELECTRIC
Other		
Ignition switch	Identify positions in order and circuits controlled	VERTICAL OFF, UNLOCKED COUNTER CLOCKWISE OFF, LOCKED 1ST POS. CLOCKWISE FROM VERTICAL IGNITION & ACCESSORIES ON 2ND POS. CLOCKWISE FROM VERTICAL IGNITION & STARTER ON WITH SPRING RETURN TO 1ST POS.
	Provision for illumination	YES
	Location	ON INSTRUMENT PANEL - RIGHT OF STEERING COLUMN
Main lighting switch	Identify positions and lights controlled	DEPRESSED - OFF 1ST NOTCH - INSTR. PANEL LIGHTS, PARKING LIGHTS 2ND NOTCH - INSTR. PANEL LIGHTS, DRIVING LIGHTS ROTATE CLOCKWISE TO DIM AND TURN OFF INSTR. PANEL LIGHTS; COUNTER CLOCKWISE TO TURN ON AND BRIGHTEN PANEL LIGHTS
Other light switches	Locations and lamps controlled	TOE PANEL HEADLIGHT DIMMER STEERING COLUMN TURN SIGNAL LAMPS HINGE PILLAR COURTESY LAMP ON BRACE BELOW INSTR. STOP LAMP PARKING BRAKE LEVER HOUSING PARKING BRAKE ALARM LAMP
Other switches	Locations and devices controlled	INSTRUMENT PANEL FOLDING TOP INSTRUMENT PANEL ELEC. WINDSHIELD WIPERS L.H. & R.H. DOOR ELEC. WINDOW LIFTS INSTRUMENT LOWER PANEL RADIO ON-OFF SWITCH INSTRUMENT LOWER PANEL HEATER & BLOWER SWITCH
Windshield wiper	Make	DELCO (MOTOR UNIT TRICO)
	Type	ELECTRIC
	Vacuum booster provision	NONE
	Washer provision	DEALER INSTALLED ACCESSORY (a)
Horn	Type	VIBRATOR
	Number used	2
	Amp draw (each)	HIGH 9, LOW 10

(a) - INCLUDES CO-ORDINATER AND VACUUM RESERVE TANK.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57
 MODEL CORVETTE

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	DUAL-HORIZONTAL 2-4001, 2-4002	
Headlamp beam indicator	1-53	
Parking light	2-1034	
Tail light	2-1034	
Stop light	SEE TAIL LIGHT.	
Direction signal	Front	SEE PARKING LIGHT
	Rear	SEE TAIL LIGHT
	Indicator	2-53
License plate light	2-67	
Instrument light	4-57	
Ignition lock light	1-53	
Back up light	NONE	
Dome light	NONE	
Clock light	1-57	
Radio light	1-GE 1891*	
Glove compartment light	NONE	
COURTESY LIGHT	2-90*	
CIGARETTE LIGHTER LIGHT	1-53	
PARKING BRAKE ALARM LIGHT	1-90*	

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	13 CB (a)
Headlamp beam indicator	Same as (a)
Parking light	Same as (a)
Tail light	Same as (a)
Stop light	Same as (a)
Direction indicator	Same as (a)
License plate light	Same as (a) and (1) AGA 3 Amp. Fuse
Instrument light	Same as (a) and (1) AGA 3 Amp. Fuse
Ignition light	Same as (a)
Back up light	None
Dome light	None
Clock	Same as (a)
Clock light	Same as (a)
Radio	AGW 7-1/2 Fuse
Glove compartment light	None
HEATER	SFE 14 Fuse

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57

MODEL CORVETTE

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	BORG & BECK, DRY PLATE	
Type pressure plate springs	COIL	
Total plate pressure (lb.)	1620 INITIAL	
No. of clutch driven discs	ONE	
Clutch facing	Material	PREMIUM WOVEN ASBESTOS COMP.
	Outside & inside dia.	10.0 X 6.5
	Total eff. area (sq.in.)	90.72
	Thickness	.132-.138
	Engagement cushioning method	SPRINGS
Release bearing	Type & method of lubrication	BALL BEARING, SEALED
Torsional damping	Methods: springs, friction material	SPRING AT HUB

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-SPEED CLOSE RATIO (4-SPEED OPTIONAL)
Manual with overdrive (std. or opt.)	NONE
Automatic (std. or opt.)	OPTIONAL

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		3-SPEED CLOSE RATIO	OPTIONAL 4-SPEED, 4	
Transmission ratios	In first	2.21:1	2.20:1	
	In second	1.32:1	1.66:1	
	In third	1.00:1	1.31:1	
	In fourth	NONE	1.00:1	
	In reverse	2.21:1	2.25:1	
Synchronous meshing, specify gears		2ND & 3RD	1ST, 2ND, 3RD, 4TH.	
Lubricant	Capacity (pt.)	2	1-1/2	
	Type recommended	A-9 MINERAL OIL LUBRICANT		
	SAE viscosity number	Summer	SAE 90	
		Winter	SAE 90	
Extreme cold		SAE 80		

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE ISSUED** 8-27-57 **REVISED** 10-31-57
MODEL CORVETTE

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		NONE	
	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		POWERGLIDE	
Type describe		TORQUE CONVERTER WITH PLANETARY GEARS	
Method of Selection (Lever, Push Button or other)		LEVER	
Selector Pattern		P-PARK R-REVERSE N-NEUTRAL D-DRIVE L-LOW	
List gear ratios Selector Pattern and indicate which are used in each selector position		DRIVE 1.82-1:1 LOW 1.82:1 REVERSE 1.82:1	
Max. upshift speeds—drive range		55 MPH	
Max. kickdown speeds—drive range		50 MPH	
Torque converter	Number of elements		3
	Max. ratio at stall at engine rpm		2.1:1
	Type of cooling (air, water)		AIR
Lubricant	Capacity—refill (pt.)		CAPACITY, 22 PINTS; REFILL, 9 PINTS
	Type recommended		AUTOMATIC FLUID TYPE A
Special transmission features		3 ELEMENT HYDRAULIC TORQUE CONVERTER WITH AUTOMATIC PLANETARY GEAR SYSTEM FOR REVERSE AND LOW	

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE ISSUED** 8-27-57 **REVISED** 10-31-57

MODEL CORVETTE

DRIVE UNITS—PROPELLER SHAFT

Number used		1
Type (exposed, torque tube)		EXPOSED HOTCHKISS
Outer diameter x length* x wall thickness	Manual transmission	2.370 X .065 (EFF. LENGTH VARIES DUE TO U-JOINT SLIP ON SPLINE)
	Overdrive transmission	NONE
	Automatic transmission	SAME AS MANUAL TRANSMISSION
Inter-mediate bearing	Type (plain, anti-friction)	NONE
	Lubrication (fitting, prepack)	NONE
Universal joints	Make	OWN
	Number used	2
	Type (ball and trunion, cross, other)	YOKE AND SPIDER (TRUNNION)
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		2 FITTINGS
Drive taken through (torque tube or arms, springs)		REAR SPRINGS
Torque taken through (torque tube or arms, springs)		REAR SPRINGS

DRIVE UNITS—REAR AXLE

Description - (incl. limited slip differential)		HYPOID, SEMI-FLOATING	
Drive Pinion Offset		1.5	
No. of differential pinions		TWO	
Gear ratio and No. of teeth	Automatic transmission	3.55:1 (9-32) (9-32)	
	Overdrive trans.	NONE	
	Manual transmission	3.70:1(10-37) 3-SPEED CLOSE RATIO STD. (A)	
Ring gear pitch diameter & O.D.		8.375	
Pinion adjustment (shim, other)		SHIM	
Pinion bearing adj. (shim, other)		NONE	
Wheel bearing type		BALL	
Lubricant	Capacity (pt.)	4	
	Type recommended	SAE 90 HYPOID LUBRICANT	
	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.

(A) 4.11:1 (9-37), 4.56:1 (9-41) OPTIONAL

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57

MODEL CORVETTE

DRIVE UNITS—WHEELS

Type & material		SHORT SPOKE DISC, PRESSED STEEL
Rim (size and flange type)		15 X 5K
Attachment	Type (bolt or stud)	STUD
	Circle diameter	4-3/4
	Number and size	5, 7/16-20

DRIVE UNITS—TIRES

Size (L-102) & ply rating	Standard	6.70-15-4 PLY TUBELESS
	Optional	6.70-15-4 PLY WHITE & BACKWALL
Type tires - nylon, etc.		RAYON CORD
Rev/mile at 30 mph		755
Inflation press.(cold)	Front	24 LB.
	Rear	24 LB.

BRAKES—SERVICE

Type				SERVO-4 WHEEL HYDRAULIC (HEAVY DUTY, OPTIONAL) (a)	
Power brake type				NOT AVAILABLE	
Effective area (sq. in.)				157 (121 WITH HD BRAKE OPTION)	
Percent brake effectiveness-front				56% (38% WITH HD BRAKE OPTION)	
Drum	Diameter	Front	11		
		Rear	11		
Type and material		COMPOSITE; RIM, CAST ALLOY IRON; WEB, PRESSED STEEL (b)			
Bonded or riveted		BONDED (WELDED TO THE SHOE WHEN HD BRAKE OPTION IS USED)			
Brake lining	Front Shoe	Material	FULL MOLDED ASBESTOS COMPOSITION (c)		
		Size (length x width x thickness)	Front wheel	9.29 X 2.0 X .175 (d)	
			Rear wheel	9.29 X 1.75 X .175 (e)	
	Segments per shoe	ONE			
	Rear Shoe	Material	FULL MOLDED ASBESTOS COMPOSITION (c)		
		Size (length x width x thickness)	Front wheel	11.69 X 2.0 X .175 (f)	
Rear wheel			11.69 X 1.75 X .175 (g)		
Segments per shoe	ONE				
Wheel cylinder bore	Front	1.125			
	Rear	1.0 (.875 WITH HD BRAKE OPTION)			
Master cylinder bore				1.0	
Available pedal travel				4.50	
Line pressure at 100 lb. pedal load				700 APPROX.	
Shoe clearance adjustment				ADJUST TO LIGHT DRAG & BACK OFF 7 NOTCHES	

Rev. Form 6-57

- (a) OPTIONAL HEAVY DUTY BRAKES AVAILABLE WITH OR WITHOUT AIR INTAKE DUCTS FOR AIR COOLED BRAKES
- (b) DRUMS, WITH COOLING VANES CAST ON RIM, USED WITH HD. BRAKE OPTION
- (c) SINTERED METAL & CERAMIC WITH HD BRAKE OPTION
- (d) 2-PIECE, 2.24 X 2.50 X .185 WITH HD BRAKE OPTION
- (e) 2-PIECE, 2.24 X 2.00 X .185 WITH HD BRAKE OPTION
- (f) 4-PIECE, 2.24 X 2.50 X .185 WITH HD BRAKE OPTION
- (g) 4-PIECE, 2.24 X 2.00 X .185 WITH HD BRAKE OPTION

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57

MODEL CORVETTE

BRAKES—PARKING

Type of control		T-HANDLE PULL ROD
Location of control		L.H. SIDE OF STEERING COLUMN, BELOW INST. PANEL
Operates on		REAR SERVICE BRAKES
If separate from service brakes	Type (internal or external)	NONE
	Drum diameter	NONE
	Lining size (length x width x thickness)	NONE

FRAME or UNITIZED CONSTRUCTION

Type and description	FULL LENGTH, WELDED, BOX SECTION SIDE AND CROSS MEMBERS "I" BEAM TYPE, BRACING FROM "X" MEMBER TO FRAME FRONT SIDE MEMBER. REAR SHOCK ABSORBER CROSS MEMBER OF "U" TYPE "I" BEAM TYPE "X" MEMBER.
----------------------	---

SUSPENSION—GENERAL

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, DOUBLE ACTING
	Make	DELCO
	Piston dia.	1.0 (a)
Other special features		

SUSPENSION—FRONT

Type and description	UNITIZED, INDEPENDENT, SHORT & LONG ARM
----------------------	---

(Continued)

Rev. Form 6-57

(a) - 1-3/8 DIA. ON OPTIONAL HEAVY DUTY SUSPENSION.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57
 MODEL CORVETTE

SUSPENSION FRONT (cont.)

Spring	Type	COIL
	Material	CHROME ALLOY STEEL
	Size (coil design height & I.D.: bar length x dia.)	13.45 FREE HEIGHT X 3.162 (a)
	Spring rate (lb. per in.)	300 (340 WITH OPTIONAL HD FRONT SPRINGS (a))
	Rate at wheel (lb. per in.)	110
	Design load (lb. @ design height)	1145 @ 9.62
Stabilizer	Type (link, linkless, frameless)	LINK (a)
	Material & bar diameter	11/16 (13/16 ON HEAVY DUTY SUSPENSION)

STEERING

Mechanical (std., opt., NA)		STANDARD		
Power (std., opt., NA)		NA		
Wheel diameter		17.25		
Turning diameter	Outside front	Wall to wall (l. & r.)	38-1/2 FT. RIGHT - 39 FT. LEFT	
		Curb to curb (l. & r.)	36-1/2 FT. RIGHT - 37 FT. LEFT	
	Inside rear	Wall to wall (l. & r.)	NA	
		Curb to curb (l. & r.)	NA	
Outside wheel angle with inside wheel at 20°		23°		
Mechanical	Gear	Type	SEMI-REVERSIBLE RECIRCULATING BALL	
		Make	SAGINAW	
		Ratios	Gear	21.0:1
			Overall	21.0:1 (16.3:1 OPTIONAL)
	No. wheel turns	3.7 LOCK TO LOCK		
Power	Type	NONE		
	Make	NONE		
	Trade name	NONE		
	Gear	Type	-	
		Ratios	Gear	-
			Overall	-
	Pump driven by	-		
	Overall torque ratio	-		
	Number wheel turns	-		
	Linkage	Type	CENTER POINT	
Location (front or rear of wheels, other)		REAR OF WHEELS		
Drag link (trans. or longit.)		LONGITUDINAL		
Tie rods (one or two)		TWO		

(Continued)

Rev. Form 6-57

(a) - HEAVY DUTY SUSPENSION, INCLUDES HD FRONT & REAR SPRINGS, SHOCK ABSORBERS, STABILIZER, & QUICK STEERING ADAPTER.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57
MODEL CORVETTE

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		3°30' - 4°30'
	Bearings (type)	Upper	BUSHING
		Lower	BUSHING
		Thrust	SINGLE ROW BALL
Wheel alignment (range and preferred)	Caster (deg.)		2°10' - 2°15'
	Camber (deg.)		0-1°
	Toe-in (outside tread-inches)		0-.125
	Steering spindle & joint type		REVERSE ELLIOTT
Wheel spindle	Diameter	Inner bearing	1.2810-1.2815
		Outer bearing	.7498-.7503
	Thread size		3/4-20
	Bearing type		BALL

SUSPENSION—REAR

Type and description			OUTRIGGER MOUNTED SEMI-ELLIPTIC LEAF SPRINGS	
Drive and torq. taken through (see page 14)			REAR SPRINGS	
Spring	Type		SEMI-ELLIPTIC	
	Material		ALLOY STEEL	
	Size (length x width, coil design height and I.D.; bar length & dia.)		51.0 X 2.0 X 4	
	Spring rate (lb. per in.)		115 (125 WITH OPTIONAL HD REAR SPRINGS) (a)	
	Rate at wheel (lb. per in.)		NA	
	Design load (lb. at design height)		725	
	Mounting insulation type		RUBBER BUSHED	
	If leaf	No. of leaves		4
		Inserts	Type and size	3 LINERS: 19.8 X 1.9 X .10; 31.8 X 1.9 X .10; 46.3 X 1.9X
			Material	WAX IMPREGNATED FIBRE BOARD
Shackle (comp. or tens.)		IN TENSION FROM REAR HANGER		
Stabilizer	Type (link, linkless, frameless)		NONE	
	Material		NONE	
Track bar type			NONE	

(a) - HEAVY DUTY SUSPENSION OPTIONAL.

MAKE OF CAR Chevrolet **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57

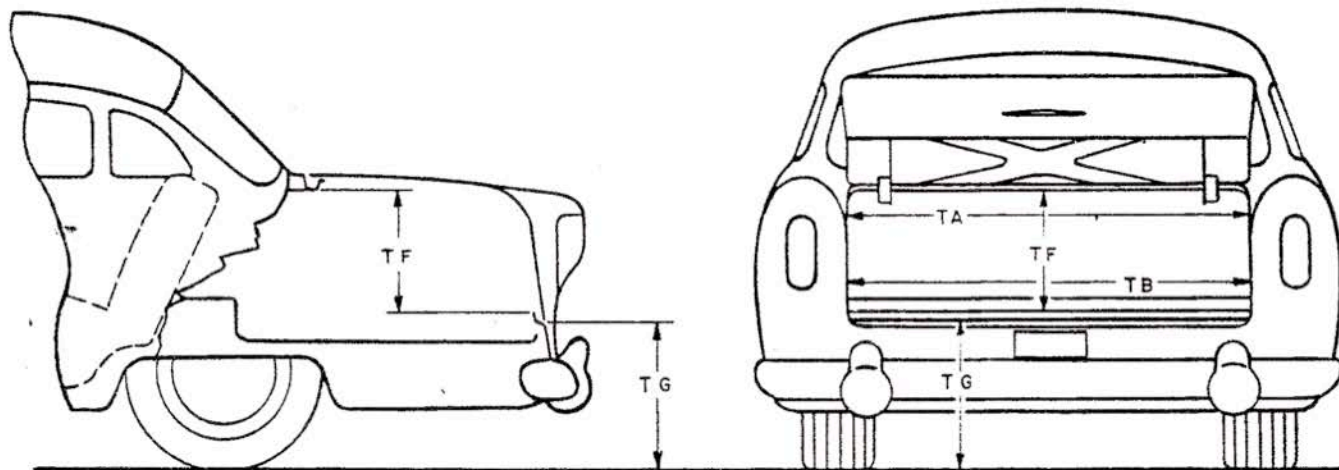
BODY—GENERAL DEFINITIONS

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 Corvette

BODY—TRUNK DIMENSIONS



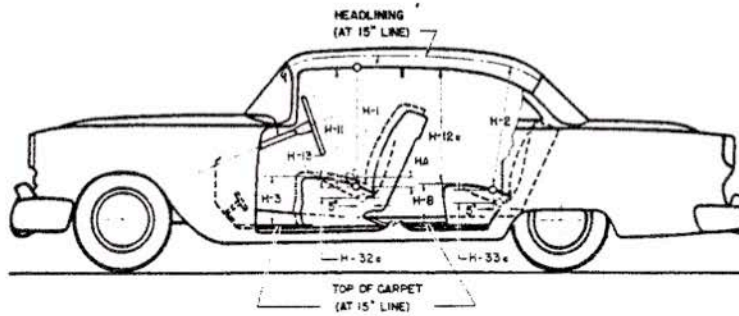
Usable trunk luggage capacity (see Section H1 of SAE Automotive Drafting Standards)	N.A.
TA— Width across the top	45.0
TB—Width across the bottom	40.0
TF—Vertical dimension at C/L from bottom to top of opening.	14.2
TG—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	N.A.
Position of spare tire stowage	Horizontal In Trunk Under Floor
Method of holding lid open	Counterbalance Springs

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet MODEL YEAR 1958 DATE ISSUED 8-27-57 REVISED 10-31-57

MODEL Corvette

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)	34.7 *
H2. Rear headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line.	--
H3. Front cushion height above low point on floor carpet on 15" line (front edge of cushion).	8.9
H8. Rear cushion height above low point on floor carpet on 15" line (front edge of cushion).	--
H11. Entrance—front—cushion free "A" point to bottom windcord vertical.	28.4
H12a. Entrance — rear — top of cushion at vertical tangent to front of rear seat, to bottom of windcord in rear.	--
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance).	4.9
HA. Front seat maximum vertical rise at free "A" point.	N.A.
HF. Front seat maximum vertical rise of free "A" point with multiple-position seat.	N.A.
H32a. Front seat depressed depth — vertical dimension from free "A" point to depressed "A" point.	2.0
H33a. Rear seat depressed depth — vertical dimension from free "A" point to depressed "A" point.	--

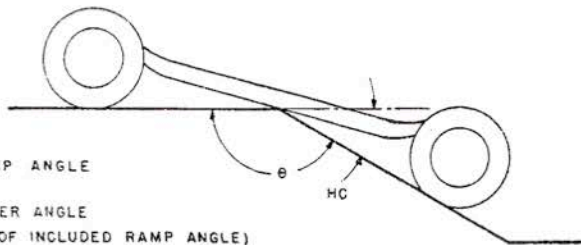
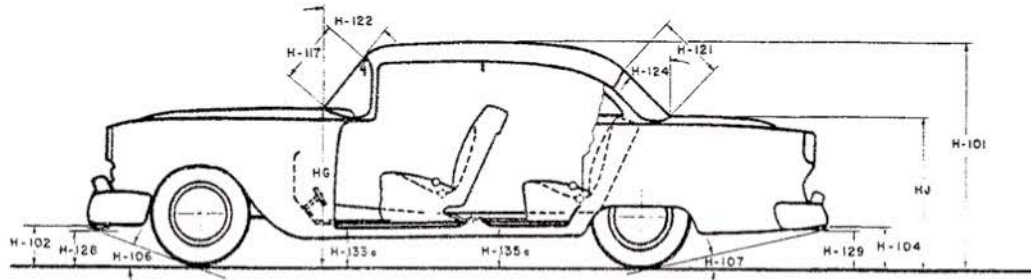
* - 34.5 For Optional Hardtop.

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57

MODEL Corvette

BODY—HEIGHT DIMENSIONS—EXTERIOR



θ - INCLUDED RAMP ANGLE
 HC - RAMP BREAKOVER ANGLE
 (SUPPLEMENT OF INCLUDED RAMP ANGLE)

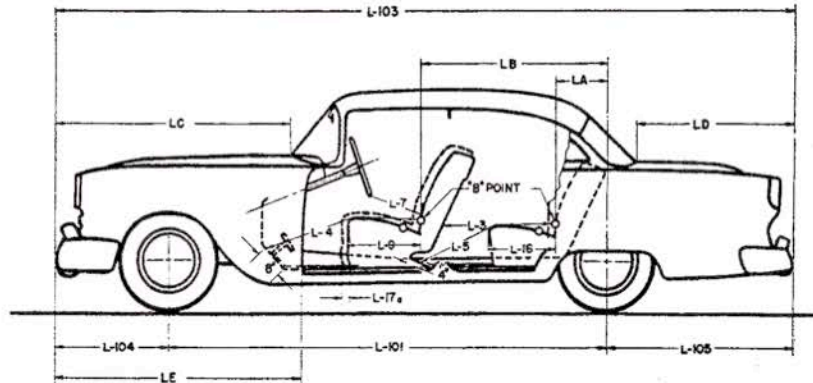
H101. Overall height - loaded.	51.1 Top Up (a)
HB. Overall height - curb weight.	52.0 Top Up (b)
H102. Front bumper bottom to ground at normal section.	16.9
H104. Rear bumper bottom to ground at normal section.	14.1
H106. Angle of appr.-fr. tire static loaded rad. to interfering pt. on fr. bumper, gd., other.	20.0
H107. Angle of dep.-fr. tire static loaded rad. to interfering pt. on rr. bumper, gd., other.	14.4
HC. Ramp breakover angle.*	14.5
H117. Windshield DLO-slant height.	17.3
H121. Backlight DLO*-max., slant height.	11.5
H122. Windshield slope angle to vertical line on car axis.	50°
H124. Backlight slope angle to vertical line on car axis.	N.A.
H128. Ground to bottom of front bumper guard.	9.0
H129. Ground to bottom of rear bumper guard.	7.7
H133a. Bottom of front door to ground, min. dimension - car loaded.	N.A.
H135a. Bottom of rear door to ground, min. dimension - car loaded.	--
HD. Min. road clear. (5 pass. load) & loc.	5.8 Rear Spring Front Hanger
HE. Min. road clearance at rear axle.	8.0
HG. Hood at rr. to grd.-vert. dim. excl. molding, fr. hood opening line at cowl (curb wt.)	35.4
HH. Max. ht., fr. grd. frt. of windshield (curb wt.)	N.A.
HJ. Max. ht. fr. grd. back of r. window (curb wt.)	N.A.

* See Notes, page 19. (a) - 51.0 Optional Hardtop.
 (b) - 51.9 Optional Hardtop.

AMA Specifications — Passenger Car

MAKE OF CAR Chevrolet MODEL YEAR 1958 DATE ISSUED 8-27-57 REVISED 10-31-57
 MODEL Corvette

BODY—LENGTH DIMENSIONS



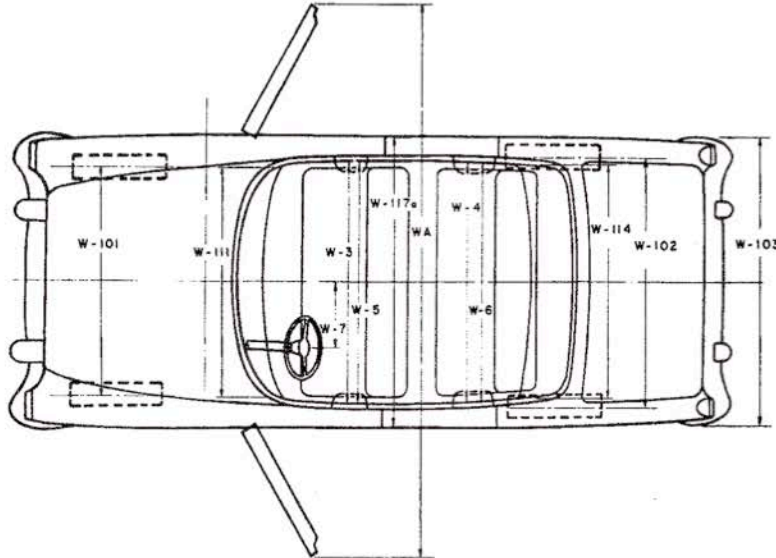
Inter- rior	* L3. Rear compartment of front seat back to rear seat back.	--
	* L4. Leg room—front—ball of foot to top of seat to seat back--15" line.	44.2
	* L5. Leg room—rear—from ball of foot to top of seat cushion and to seat back†	--
	L7. Steering wheel clearance to seat back taken on arc.	14.6
	* L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	18.2
	* L16. Depth of rear seat (front edge to seat back).	--
	L17a. Total adjustment of front seat at front lower seat frame.	4.4
	LA. Rear seat "B" point to center line of rear axle.	--
	LB. Front seat "B" point to center line of rear axle.	N.A.
	LC. Front of car to base of windshield.	N.A.
LD. Rear of car to base of rear window or upper structure.	N.A.	
LE. Front of car to front edge of front door.	N.A.	
Exte- rior	L101. Wheelbase.	102
	L103. Overall length (bumper to bumper inc. guards).	177.2
	L104. Overhang—front including bumper guards.	33.0
	L105. Overhang—rear including bumper guards.	42.2

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

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57
 MODEL Corvette

BODY—WIDTH DIMENSIONS

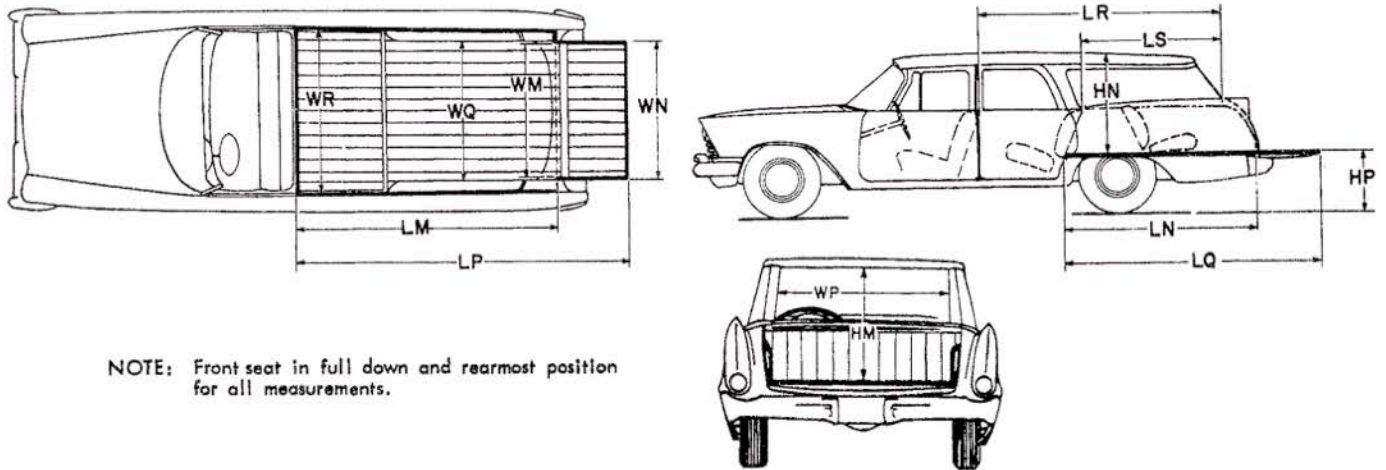


Interior	W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	49.4
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	--
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	49.1
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	--
	W7. Steering wheel center to center of body.	N.A.
Exterior	W101. Front tread at ground.	57.0
	W102. Rear tread at ground.	59.0
	W103. Max. overall width of car including bumpers or mouldings.	72.8
	WA. Max. overall width of car with doors open.	N.A.
	W111. Windshield DLO, max. width.	53.6
	W114. Back window DLO, max. width.	34.3
	W117a. Max. body width at center pillar, less hardware and applied moldings.	70.3

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet MODEL YEAR 1958 DATE: ISSUED 8-27-57 REVISED 10-31-57
 MODEL Corvette

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.	Not Applicable
LN Floor lgth. from bottom of second seat to inside of tail gate in raised position.	"
LP Floor lgth. from bottom of front seat to end of tail gate in lowered position.	"
LQ Floor lgth. from bottom of second seat to end of tail gate - tail gate lowered.	"
HM Maximum hgth. of rear opening - tail gate lowered.	"
WM Rear end opening width at floor.	"
WN Rear end opening width at top of tail gate.	"
WQ Minimum distance between wheelhouses.	"
WP Maximum width of rear opening above raised tail gate.	"
WR Maximum width of cargo space at floor.	"
LR Cargo horizontal distance from top rear of front seat back to top of tail gate.	"
LS Cargo horizontal distance from top rear of second seat back to top of tail gate.	"
HN Maximum height of roof above floor at center line of car.	"
HP Platform height of end of lowered tail gate - curb weight.	"
Third Seat - facing direction.	"

AMA Specifications – Passenger Car

MAKE OF CAR Chevrolet **MODEL YEAR** 1958 **DATE: ISSUED** 8-27-57 **REVISED** 10-31-57

MODEL Corvette

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	--
Type of finish (lacquer, enamel).		Lacquer
Hood hinge location (front, rear).		Front
Hood counterbalanced (yes, no).		No
Hood release control (internal, external).		Internal
Vehicle (Serial) No. Location		On Plate Attached To Left Front Body Hinge Filler
Engine No. location		On Plate Attached To Left Front Body Hinge Filler
Theft protection - type		Ignition Switch-Key Can Not Be Removed In Off (Unlocked) Position
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)		Standard Folding Top, One Piece Flat Plastic Optional Plastic Hardtop, One Piece Curved Glass
Side glass type (curved, flat)		Flat
Windshield glass area D.L.O.		908 Sq. In.
Backlight glass area D.L.O.		408 Sq. In.
Total glass area D.L.O.		1816 Sq. In.

BODY—TYPES AND STYLE NAMES —

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

BODY STYLES:

CODES

Corvette

867

2-Door Convertible 2-Passenger

AMA Specifications -- Passenger Car

INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Air Suspension	16	Lamp Bulbs	11
Angles of Approach, Departure	21	Legroom	22
Automatic Transmission	1, 13	Lengths - Car, & Body Interior	1, 22
Axle, Rear	1, 14	Lifters, Valve	4
Battery	8	Linings - Clutch, Brake	12, 15
Bearings, Engine	3, 4, 7	Lubrication	5, 6, 12, 13, 14
Belts - Fan, Generator, Water Pump	7	Motor, Starting	8
Body - General Information, Types	19, 25	Muffler	6
Height Dimensions	21	Overdrive	13
Length Dimensions	22	Piston Pins & Rings	3
Overall Dimensions	1, 21, 22, 23	Pistons	2, 3
Trunk Capacities, Opening Dimensions	19	Power Brakes	15
Width Dimensions	23	Power Steering	17
Brakes - Parking, Service, Power	15, 16	Propeller Shaft, Universal Joints	14
Camber	18	Pumps - Oil, Fuel	6
Camshaft	4	Water	7
Capacities		Radiator, Hoses	7
Cooling System	7	Ramp Break-over Angle	21
Fuel Tank	6	Ratios - Axle	1, 14
Lubricants		Compression	1, 2
Engine Crankcase	6	Steering	17
Transmission and Overdrive	12, 13	Transmission	12, 13
Rear Axle	15	Rear Axle	1, 14
Carburetor	6	Regulator - Generator	8
Caster	18	Rims	15
Choke, Automatic	6	Rings, Piston	3
Circuit Breakers, Fuses	11	Rods - Connecting	3
Clearance, Ground	21	Shock Absorbers, Front & Rear	16
Clutch - Pedal Operated	12	Spark Plugs	9
Coil, Ignition	9	Speedometer	10
Connecting Rods	3	Springs - Front & Rear Suspension	17, 18
Cooling System	7	Valve, Engine	5
Crankshaft	4	Stabilizer (Sway Bar) - Front & Rear	17, 18
Cylinders and Cylinder Head	2	Starting Motor	8
Distributor - Ignition	9	Steering	17, 18
Electrical System	8, 9, 10, 11	Suppression - Ignition, Radio	9
Engine		Suspension - Front & Rear	16, 17, 18
Bore, Stroke, Displacement, Type	1, 2	Switches	10
Compression Ratio	1, 2	Tailpipe	6
Firing Order, Cylinder Numbering	2, 9	Thermostat, Cooling	7
General Information, H.P. & Torque	1, 2	Timing, Engine & Valve	4, 5, 9
Lubrication	5, 6	Tires	1, 15
Exhaust System	6	Toe in	18
Fan, Cooling	7	Torque Converter	13
Filters - Engine Oil, Fuel System	6	Torque - Engine, Rated	1, 2
Frame	16	Transmission - Types	1, 12, 13
Front Suspension	16, 17	Automatic	1, 13
Fuel, Fuel Pump, Fuel System	6	Manual & Overdrive	12, 13
Fuel Injection	1, 6	Ratios	12, 13
Fuses, Circuit Breakers	11	Tread	1, 23
Generator and Regulator	8	Turning Diameter	17
Glass	21, 23, 25	Universal Joints, Propeller Shaft	14
Headroom - Body	20	Valves - Intake & Exhaust	4, 5
Heights - Car & Body	1, 20, 21	Vibration Damper	4
Hood	25	Voltage Regulator	8
Horns	10	Water Pump	7
Horsepower - Brake, Rated, Taxable	1, 2	Weights - Shipping, Curb	26
Ignition System	9	Wheel Alignment	18
Inflation - Tires	15	Wheelbase	1, 22
Instruments	6, 10	Wheels & Tires	15
Kingpin	18	Wheel Spindle	18
		Widths - Car & Body	1, 23
		Windshield	21, 23, 25
		Windshield Wiper	10