

## AMA Specifications – Passenger Car

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

MANUFACTURER Chevrolet Motor Division General Motors Corporation	CAR NAME <p style="text-align: center; font-weight: bold;">CORVETTE</p>		
MAILING ADDRESS Chevrolet Engineering Center Box 7346, N. End Station Detroit 2, Michigan	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">                             MODEL YEAR  <p style="text-align: center;">1962</p> </td> <td style="width: 50%; padding: 5px;">                             ISSUED: 10-23-61                              REVISED (a)                         </td> </tr> </table>	MODEL YEAR <p style="text-align: center;">1962</p>	ISSUED: 10-23-61 REVISED (a)
MODEL YEAR <p style="text-align: center;">1962</p>	ISSUED: 10-23-61 REVISED (a)		

**NOTES:**

1. The Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
  - a. Specifications apply to the standard model without optional equipment. Significant deviations are noted.
  - b. Specifications apply basically to 4-door sedan or equivalent.
  - c. Nominal design dimensions are used throughout these specifications.

### TABLE OF CONTENTS

General Specifications . . . . . 1	Drive Units . . . . . 13	Rear Suspension . . . . . 19	Body & Car - General . . . . . 26
Engine - Mechanical . . . . . 2	Brakes . . . . . 16	Body Dimensions . . . . . 20	Weights . . . . . 27
Electrical . . . . . 8	Front Suspension & Steering . . 17	Station Wagon . . . . . 25	Index . . . . . 28

#### BODY—TYPES AND STYLE NAMES—

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

Model 867	2-door convertible, 2-passenger
-----------	---------------------------------

# AMA Specifications — Passenger Car

Page 1

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a) 12-1-61

## GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL CORVETTE	Additional Information Page No.:		
Wheelbase (L-101)	23	102.0	
Track	Front (W-101)	57.0	
	Rear (W-102)	59.0	
Maximum Overall Dimensions	Length (L-103)	176.7	
	Width (W-100)	70.4	
	Height (H-101)	52.2 (Hardtop 52.1)	
Transmission— (Specify trade name - opt., not available)	Manual	13	
	Overdrive	14	
	Automatic	14	
Con- ditional Gear ratio	Manual	15	
	Overdrive	15	
	Automatic	15	
Tire size	16	6.70 x 15-4 ply	
Engine	Type, no. cyl., valve arr.	2	
	Fuel system (Carb., other)	6	
	Bore and stroke	2	
	Piston displ., cu. in.	2	
	Std. compression ratio	2	
	Max. bhp at engine rpm (Gross)	2	4 Engines available 90° V-8, OHV
	Max. torque at rpm lb-ft (Gross)	2	Carburetor (b)
		4.00 x 3.25	
		327.0	
		10.5:1 @	
		(1) 250 hp at 4400 rpm (2) 300 hp at 5000 rpm (3) 340 hp at 6000 rpm (4) 360 hp at 6000 rpm	
		(1) 250 hp - 950 at 2800 rpm (2) 300 hp - 360 at 3200 rpm (3) 340 hp - 344 at 4000 rpm (4) 360 hp - 352 at 4000 rpm	

\* - For 250 and 300 hp engines; for 340 and 360 hp engines, 4-speed ratio is 3.70:1. Form Rev. 6-60

(b)- Fuel injection for 360 hp engine.

@ - 11.25:1 for 340 and 360 hp engines.

# AMA Specifications—Passenger Car

Page 2

MAKE OF CAR	CHEVROLET	MODEL YEAR	1962	DATE ISSUED	10-23-61	REVISED	(a) 3-1-62
MODEL	CORVETTE	250 hp	300 hp	340 hp	360 hp		

## ENGINE—GENERAL

Type, no. cyls., valve arr.		90° V-8 OHV			
Bore and stroke (nominal)		4.00 x 3.25			
Piston displacement, c.u. in.		327.0			
Bore spacing (C/L to C/L)		4.40			
Valve 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)		10.5:1	11.25:1		
Cylinder Head Material		High chrome cast alloy iron			
Cylinder Sleeve—Wet, dry, none		None			
Number of mounting points	Front	Two			
	Rear	One			
Engine Installation angle		+ 1°			
Crankshaft Bore Dia. x No. Cyl. Stroke Power		51.2			
Rated max. bhp* eng. RPM		250 @ 4400	300 @ 5000	340 @ 6000	360 @ 6000
Rated max. torque* ft. @ RPM		350 @ 2800	360 @ 3200	344 @ 4000	352 @ 4000
Recommended fuel grade		Premium			
Idle speed (spec. neutral or drive)	Manual 3 & 4	500 rpm (neutral)		700 rpm (neutral)	
	Automatic	475 rpm (drive)			

## ENGINE—PISTONS

Material		Cast aluminum alloy	
Description and finish		(a)	
Weight (piston only) oz.		21.34 (with strut) •	19.82 •

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

(Continued)

Form Rev. 6-60

a) - For 250 and 300 hp engines, flat head slipper skirt autothermic having machined relief for valve clearance. For 340 and 360 hp engines, impact extruded aluminum, domed pistons are used.

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (\*)

## POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. First)	
	Displ. cu. in.	Carburetor	Compr. Ratio	BPH @ RPM	Torque @ RPM		Axle	
				(Gross)			Conventional	Positraction (†)
Corvette 867								
Engine	327	4-Bbl	10.5:1	250 @ 4400	350 @ 2800	3-Speed	3.36:1	3.36:1
Standard						4-Speed ‡ (b)	3.36:1*	3.08:1, 3.36:1
						Powerglide ‡	3.36:1	3.36:1
Optional	327	Large 4-Bbl	10.5:1	300 @ 5000	360 @ 3200	3-Speed	3.36:1	3.36:1
						4-Speed ‡ (b)	3.36:1*	3.08:1, 3.36:1
						Powerglide ‡	3.36:1	3.36:1
Optional	327	Large 4-Bbl	11.25:1	340 @ 6000	344 @ 4000	3-Speed	3.36:1	3.36:1
						4-Speed ‡ (b)	3.70:1	3.08:1 3.36:1 3.55:1 3.70:1 4.11:1 4.56:1
Optional	327	Fuel Inj.	11.25:1	360 @ 6000	352 @ 4000	3-Speed	3.36:1	3.36:1
						4-Speed ‡ (b)	3.70:1	3.08:1 3.36:1 3.55:1 3.70:1 4.11:1 4.56:1

\* - Optional 3.08:1 available.  
 ‡ - Optional  
 @ - Other ratios available are 4.88:1, 5.14:1 and 5.43:1  
 (b) - Two available optionally

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 12-1-61

MODEL <u>CORVETTE</u>	250 hp	300 hp	340 hp	360 hp
-----------------------	--------	--------	--------	--------

## ENGINE PISTONS (Cont.)

Clearance (limits)	Top land	.0032-.0068	.0031-.0065
	Skirt	.0006-.0010	
Ring groove depth	No. 1 ring	.2268-.2288	
	No. 2 ring	.2268-.2288	
	No. 3 ring	.2038-.2103	
	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 OD	
	Width	Upper .0775-.0780; Lower .0770-.0775	
	Gap	.0013-.0025	
Oil	Description - material, type, coating, etc.	Multi-piece (2 rails and one spacer expander) Rails - steel, chrome plated OD Spacer - stainless steel	
	Width	.184-.189	
	Gap	.015-.055	
Expanders		In oil ring assembly	

## ENGINE—PISTON PINS

Material		Chrome steel	
Length		2.990-3.010	
Diameter		.9270-.9273	
Type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing	In rod or piston	None
		Material	-----
Clearance	In piston	.00015-.00025	
	In rod	None	
Direction & amount offset in piston		Major thrust side - .055-.065	Pin on center

## ENGINE—CONNECTING RODS

Material		Drop forged steel	
Weight (oz.)		20.32	
Length (center to center)		5.699-5.701	
Bearing	Material & Type	Premium aluminum, removable	
	Overall length	.817	
	Clearance (limits)	Vertical .0007-.0028; Horizontal .0017-.0038	
	End play	.008-.014	

# AMA Specifications—Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_

MODEL CORVETTE      250 hp      300 hp      340 hp      360 hp

### 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		Premium aluminum, removable	
	Clearance		.0008-.0034	
	Journal dia. and bearing overall length	No. 1	2,2983 x .762	
		No. 2	2,2983 x .762	
		No. 3	2,2983 x .762	
		No. 4	2,2983 x .762	
		No. 5	2,2983 x 1,169	
No. 6	None			
No. 7	None			
Dir. & amt. cyl. offset		None		
Crankpin journal diameter		1,999-2,000		

### ENGINE—CAMSHAFT

Location		Above crankshaft	
Material		Cast alloy iron	
Bearings	Material	Extra-life steel backed babbitt	
	Number	5	
Gear or chain		Chain	
Crankshaft gear or sprocket material		Steel	
Type of Drive	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)		Hydraulic	Hydraulic	Mechanical	Mechanical
Valve rotator, type (intake, exhaust)		None			
Rocker ratio		1-1/2:1			
Operating tappet clearance (indicate hot or cold)	Intake	---		.008 (hot)	
	Exhaust	---		.018 (hot)	
Timing marks on flywheel, damper, other		Damper			

(Continued)

Rev. Form 3-59

# AMA Specifications—Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 12-1-61  
 MODEL Corvette      250 HP      300 HP      340 HP      360 HP

## ENGINE—VALVE SYSTEM (cont.)

Timing *	Intake	Opens (°BTC)	32° 30'	35° †
		Closes (°ABC)	87° 30'	72° †
		Duration - deg.	300°	287° †
	Exhaust	Opens (°BBC)	74° 30'	76° †
		Closes (°ATC)	45° 30'	31° †
		Duration - deg.	300°	287° †
Valve opening overlap		78° ●	66° †	
Material		Carbon Steel		
Overall length		4.902-4.922	4.870-4.889	
Actual overall head dia.		1-23/32	1-15/16	
Angle of seat & face		46° & 45°		
Seat insert material		None		
Stem diameter		.3410-.3417		
Stem to guide clearance		.001-.0027		
Intake	Lift		.3987 (Theoretical)	.3938 (Theoretical) ●
	Outer spring press. and length	Valve closed (lb. @ in.)	65-80 @ 1-45/64	
		Valve open (lb. @ in.)	155-170 @ 1-5/16	
	Inner spring press. and length	Valve closed (lb. @ in.)	Valve Spring Damper 5-10 lb	
		Valve open (lb. @ in.)		
	Material		Armco Valve Steel (aluminized faces)	
Overall length		4.913-4.933	4.891-4.910	
Actual overall head dia.		1-1/2		
Angle of seat & face		46° and 45°		
Seat insert material		None		
Stem diameter		.3410-.3417		
Stem to guide clearance		.001-.0027		
Exhaust	Lift		.3987 (Theoretical)	.3998 (Theoretical) ●
	Outer spring press. and length	Valve closed (lb. @ in.)	Same as Intake	
		Valve open (lb. @ in.)	Same as Intake	
	Inner spring press. and length	Valve closed (lb. @ in.)	Same as Intake.	
		Valve open (lb. @ in.)		

## ENGINE—LUBRICATION SYSTEM

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

\* - Including cam ramps.

† - With .012 intake lash and .018 exhaust lash.

(Continued)

Rev. Form 3-59

# AMA Specifications - Passenger Car

Page 6

MA OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 3-1-62  
 MODEL Corvette 250 HP 300 HP 340 HP 360 HP

## ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	45 @ 2000
Oil pressure sending unit (elec. or mech.)	Electric
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.)	5.0
Oil grade recommended (SAE viscosity and temperature range)	32° F & above - SAE 20W, SAE 20, SAE 10W-30 0° F & above - SAE 10W, SAE 10W-30 Below 0° F - SAE 5W, SAE 5W-20 Sustained High Speed over 90° F - SAE 30 can be used
Engine Service Requirement (MM, MS, etc.)	MS or DG

## ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Dual	Dual with cross-over
Muffler No. & type (reverse flow, straight thru, separate resonator)	Two, reverse flow	
Exhaust pipe dia. (O.D. & wall thickness)	Branch	None
	Main	2 x 1/16
all; diameter (O.D. & wall thickness)	1-7/8 x 1/16	

## 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
Fuel Tank	16.4 (c)	
Capacity (gals.)	Rear of left door opening	
Filter location	Mechanical	
Fuel Pump	Lower right front corner of engine	
Type (elec. or mech.)	5.25-6.50	
Locations	None	
Pressure range	None	
Vacuum booster (std., optional, none)	None	
Fuel Filter (a)	Type	(b)
	Locations	(b)
Carburetor	Make & Model No.	Carter 3788246
		Carter 3797699
	Number of carbs., bbls. per carb. & type	One, 4-barrel, downdraft
	Barrel size	SAE Carb. size (throttle body) - 1.50
	Choke type	Automatic
	Intake manifold heat control (exhaust or water)	Exhaust
Air chr. type	Standard	Oil wetted, polyurethane
	Optional	None

- a) Additional plastic mesh filter in fuel tank
- b) w/ with paper element between fuel pump and carburetor.
- c) 24 gallon tank available as option (RPO 488)

Rev. Form 3-59



# AMA Specifications -- Passenger Car

Supplement to Page 6

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_

## SUPPLEMENTARY INFORMATION

Engine Fuel System - Fuel Injection

MODEL Corvette - 360 HP

Injection System	Make Model Type	Rochester Products 7017360 Constant flow
Fuel Recommended		Premium
Fuel Pump	Type Location Pressure range	Mechanical Lower right front corner of engine 5, 25-6, 50 psi
Auxiliary Fuel Filter	Type Location	Paper filter Bracket to engine adapter on right, rear of center
Inlet Manifold Adapter - Material		Cast aluminum
Inlet Manifold - Material		Cast aluminum
Air Induction (a)	Air cleaner type Air meter location Plenum chamber Ram pipes Ram pipe length	Oil-wetted, polyurethane Left side of engine Integral with inlet manifold Eight, integral with inlet manifold 12 inches
Fuel Induction		Metered as function of air flow
Air/Fuel Ratio Control	Type Location	Vacuum sensitive diaphragm On fuel meter & choke butterfly valve in air meter
Fuel Meter Pump	Type Location Drive Pressure (max.)	Gear In fuel meter assembly Flexible shaft from distributor 300 psi
Injection Nozzles	Number used Material Location Orifice size, fuel Insulation	Eight Brass Mounted on inlet manifold above inlet ports .0118 Bakelite blocks
Automatic Enrichment	Type Location Current draw Fast idle cam	Electric, time-temperature On air meter assembly 1 amp @ 70° Yes

(a) - Air intake ducts which channel outside air to engine compartment are furnished with Fuel Injection.

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 3-1-62

MODEL Corvette

## ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure	
Radiator cap relief valve pressure		13 psi ± 1 psi	
Circulation thermostat	Type (choke, bypass)	Bypass	
	Starts to open at (°F)	167-172	
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)		Aluminum - cross flow	
Cooling system capacity	With heater (qt.)	16.5 ●	
	Without heater (qt.)	15.5 ●	
	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	1.75
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	None
		Inside diameter	---
Fan	Number of blades & Spacing		5-blade
	Diameter		17.12
	Ratio—fan to crankshaft rev.		1.05
	Fan cutout type		Thermo-modulated fluid coupling
	Bearing type		Double row ball
*Drive belts (Indicate belt used by letter)	Fan		A and B ●
	Generator		A
	Water Pump		A and B ●
	Power Steering		None
	Air Conditioning		None

Rev. Form 3-59

* Drive Belt Dimensions	A	B @ ●	
Angle of V	37-44°	39° - 41°	
Nominal length (SAE)	56.0	38.0	
Width	.380 ± .005	.380 ± .005	

@ 340 and 360 HP engines have additional belt with idler pulley for water pump and fan. ●

# AMA Specifications - Passenger Car

Page 8

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 12-1-61

MODEL Corvette      250 HP      300 HP      340 HP      360 HP

## ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco, 1980558			
	Voltage Rtg. & Total Plates	12 Volt, 11 plate per cell			
	SAE Designation & Amp Hr. Rtg	2 SND, 61 amp. hr @ 20 hr. rate			
	Location	Right side of Engine Compt. on frame			
	Terminal grounded	Negative			
Generator	Make	Delco			
	Model	1102174		1102268	
	Type	Two brush, shunt wound			
	Ratio—Gen. to Cr./s rev.	1.84		1.66	
	Gen. cut-in (hot)—engine rpm	650			
Regulator	Make	Delco			
	Model	1119002			
	Type	Vibrator			
	Cutout relay	Closing voltage @ generator rpm	11.8-13.5 @ 1300		
		Reverse current to open			
	Regulated	Voltage	13.8-14.8		
		Current	33-37		
	Voltage test conditions	Temperature	Operating		
		Load	10 amps. max		
Other		None			

## ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco			
	Model	1107233			
	Rotation (drive end view)	Clockwise			
	Engine cranking speed				
	Test conditions	Engine at operating temperature			
	Load test	Amps	435		
		Volts	5.8		
		Torque (lb. ft.)	10.5 lb-ft min		
No load test	Amps	65 min, 100 max			
	Volts	10.6			
	RPM (min.)	3600 min, 5100 max			
Motor control	Switch (solenoid, manual)	Solenoid			
	Starting procedure	3 & 4-Speed - Depress clutch and shift into neutral; Powerglide - Put selector in "P" or "N", depress accelerator pedal to floorboard to set automatic choke, turn ignition to extreme right to engage starting motor.			

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 12-1-61  
 MODEL Corvette      250 HP      300 HP      340 HP      360 HP

## ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Positive shift solenoid	
	Pinion meshes (front, rear)		Rear	
	Number of teeth	Pinion	9	
		Flywheel	168	
Flywheel tooth face width		.4135		

## ELECTRICAL—IGNITION SYSTEM

Coil	Make		Delco	
	Model		1115091	1115107
	Amps	Engine stopped	4.0	
Engine idling		1.8		
Distributor	Make		Delco	
	Model		1110984	1110985
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	700	
		Intermediate points deg. @ rpm	11° @ 1600	
		Max deg. @ rpm	24° @ 4600	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	8	None
		Intermediate points, deg @ in Hg	-----	-----
		Max. deg. in. Hg.	15° @ 15.5	-----
	Breaker gap (in.)		.016-.019	
	Cam angle (deg.)		30°	29° per breaker; 34° total
Breaker arm tension (oz.)		19-23		
Timing	Crankshaft deg. @ rpm.		8° BTC @ 500	10° BTC @ 700
	Mark location		Damper	
	Cylinder numbering system (see page 2)			
Firing order (see page 2)				
Spark Plug	Make and model		AC 44	
	Thread (mm)		14	
	Tightening torque (lb. ft.)		25	
	Gap		.033-.038	
Cable	Conductor type		Liner core impregnated with electrical conducting material	
	Insulation type		Rubber with Neoprene jacket	
	Spark plug protector		Hypalon jacket	

## ELECTRICAL—SUPPRESSION

Locations & type	Non-metallic high tension cable
------------------	---------------------------------

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED 12-1-61

M. L. Corvette

## ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	AC
	Trip odometer (yes, no)	No
Charge indicator—type		Ammeter
Temperature indicator—type		Gauge (electric)
Oil pressure indicator—type		Gauge (bourden tube)
Fuel indicator—type		Gauge (electric)
Other		Tachometer (mechanical)
Ignition switch	Identify positions in order and circuits controlled	Counterclockwise from vertical ----- Off, lock
		Vertical ----- Off, unlocked
		1st pos. clockwise from vertical ----- On, ing & accessories
	2nd pos. clockwise from vertical ----- Start, ign & starter spring return to On	
	Provision for illumination	None
	Location	On instrument panel, right of steering column
Main lighting switch	Identify positions and lamps controlled	Depressed - off
		1st notch - instrument panel, parking, tail, license lamps 2nd notch - instrument panel, head, tail, license lamps Rotate clockwise to dim or turn off instrument panel lamps, counterclockwise to turn on or brighten panel lamps and light <b>●</b> courtesy lamp.
Other light switches	Locations and lamps controlled	Toe panel ----- Headlamp dimmer
		Steering column ----- Turn signal
		Hinge pillars ----- Courtesy lamps (b) <b>●</b>
		Brace below instrument panel -- Stop lamps
		Parking brake handle shaft ---- Parking brake alarm lamp <b>●</b>
Other switches	Locations and devices controlled	Instrument panel, center ----- Power folding top (a)
		Instrument panel, left ----- Electric windshield wipers
		Door panels, LH and RH ----- Electric window lifts (a)
		Instrument panel, lower ----- Radio (a)
		Instrument panel, lower ----- Heater blower <b>●</b>
Windshield wiper	Make	Delco
	Type	Electric, 2-speed
	Vacuum booster provision	None
	Washer provision	Standard Equipment (includes co-ordinator & vacuum reserve tank)
Horn	Type	Vibrator
	Number used	2
	Amp draw (each)	8.0-11.0 @ 12.5 volts

(a) - Available optionally.

**●** (b) - Also mainlight switch.



# AMA Specifications - Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_

MODEL Corvette

## ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

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

Headlamp	15 CB (a)
Headlamp beam indicator	(a)
Parking lamp	(a)
Tail lamp	AGC 15 (b)
Stop lamp (& Dir. Sig.)	(b)
Direction indicator	Flasher
License plate lamp	(b)
Instrument lamp	AGC 3 (c)
Ignition lamp	N. A.
Back up lamp	N. A.
Dome lamp	----
Clock	(b)
Clock lamp	(c)
Radio	Light (c); Receiver AGC 7.5 (d)
Glove compartment lamp	----
Park brake alarm (flshg)	(c)
Power windows	40 CB (g)
Heater blower	AGC 10 (e)
Cig. lighter lamp	(c)
Power top	40 CB (f)
Co. esy Lamp	(b)
Fuel & Temp Gages Lamp	(c)
Oil & Battery Gages Lamp	(c)
Tachometer Lamp	(c)

## ELECTRICAL—LOCATION OF OUTSIDE LAMPS

		Lowest	21.9	
		Highest	21.9	
Height above ground to center of bulb	Tail			
	Stop		21.9	
	Backup		None	
	License, rear		21.2	
	Directional	Front		13.0
		Rear		21.9
	Headlamp	Inside		28.4
		Outside*		28.4
	Tail	Inside		19.00
		Outside		25.00
	Stop		19.00 inside; 25.00 outside	
Distance from C/L of car to center of bulb	Backup		None	
	License, rear		.38 to left	
	Directional	Front		19.2
		Rear		19.00 inside; 25.00 outside
	Headlamp	Inside		22.8
		Outside*		29.1

\* If 1 - headlamps are used enter here.

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a)  
 MODEL Corvette

## DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Borg and Beck, dry plate, semi-centrifugal	
Type pressure plate springs	Coil	
Effective plate pressure (lb.)	2000-2300	
No. of clutch driven discs	One	
Clutch facing	Material	Premium woven asbestos composition
	Outside & inside dia.	10.0 x 6.5
	Total eff. area (sq.in.)	90.68
	Thickness	.135
	Engagement cushioning method	Springs
Release bearing	Type & method of lubrication	Ball bearing, sealed
Torsional damping	Methods: springs, friction material	None

## DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-Speed Standard; 4-Speed Optional	
Manual with overdrive (std. or opt.)	N, A,	
Automatic (std. or opt.)	Optional for 250 and 300 HP engines only	

## DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		Three	Four *	
Transmission ratios	In first	2.47:1	2.20:1	
	In second	1.53:1	1.66:1	
	In third	1.00:1	1.31:1	
	In fourth	-----	1.00:1	
	In reverse	2.80:1	2.26:1	
Synchronous meshing, specify gears		2nd and 3 rd	All forward gears	
Shift lever location		Floor	Floor	
Lubricant	Capacity (pt.)	2.0	2.5	
	Type recommended	Multi-purpose gear lubricant		
	SAE viscosity number	Summer	SAE 90	
		Winter	SAE 90	
Extreme cold		SAE 80		

\* - Available optionally. first 2.54:1, second 1.92:1, third 1.51:1, fourth 1:1, reverse 2.61:1



MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_  
 MODEL Corvette

**DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE**

transmission data see manual transmission section

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

**DRIVE UNITS—AUTOMATIC TRANSMISSION**

Trade name	Powerglide		
How describe	Torque converter with planetary gears		
Method of Selection (Lever, Push Button or other)	Lever		
Selector Pattern	P-R-N-D-L		
1st gear Selector Pattern and indicate which are used in each selector position	(a)	Drive 1.76:1 & 1:1 Low & Reverse 1.76:1	
Max. upshift speeds—drive range	65		
Max. kickdown speeds—drive range	62		
Torque converter	Number of elements	3	
	Max. ratio at stall	2, 10:1	
	Type of cooling (air, water)	None	
Lubricant	Capacity—refill (pt.)	3	
	Type recommended	A, Suffix A	
Special transmission features	Three element hydraulic torque converter with automatic planetary gear system for reverse and low		

(a) - Total transmission torque multiplication - 3, 70:1

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a)

MODEL Corvette

## DRIVE UNITS—PROPELLER SHAFT

Number used		One	
Type (exposed, torque tube)		Exposed	
Outer diameter x length* x wall thickness	Manual transmission	2.5 x 34.55 x .065	
	Overdrive transmission	N. A.	
	Automatic transmission	2.5 x 34.55 x .065	
Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	None	
Universal joints	Make	Chevrolet	
	Number used	Two	
	Type (ball and trunnion, cross, other)	Yoke and spider (trunnion)	
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubric. (fitting, prepack)	Fitting
Drive taken through (torque tube or arms, springs)		Rear springs and radius rods	
Torque taken through (torque tube or arms, springs)		Rear springs and radius rods	

## DRIVE UNITS—REAR AXLE

Description - (incl. limited slip differential)		Standard axle, semi-floating, overhung pinion gear Positraction - semi-floating overhung pinion gear Spicer limited slip with dual 4-disk clutches applied by reaction torque through differential side gears	
Drive Pinion Offset		1.5	
No. of differential pinions		2(a)	
Standard Gear ratio and No. of teeth (b)	Manual transmission (3 & 4)	3.36:1 (11-37); 3.70:1 (10-37)	
	Overdrive transmission	N. A.	
	Automatic transmission	3.36:1 (11-37)	
Ring gear pitch diameter & O.D.		8.375 PD and OD	
Pinion adjustment (shim, other)		Shim	
Pinion bearing adj. (shim, other)		None	
Wheel bearing type		Ball	
Lubricant	Capacity (qt.)	4.0	
	Type recommended	A-9 hypoid	
	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 pinions in positraction

(b) - See page 2A for positraction availability and optional conventional axle ratios.

# AMA Specifications - Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a) 3-1-62

MODEL: Corvette

### DRIVE UNITS—WHEELS

Type & material		Short spoke disk, pressed steel
Size (size and flange type)		15 x 5K (a)
Type (bolt or stud)		Stud
Circle diameter		4.75
Number and size		5, 7/16-20 UNF-2B

### DRIVE UNITS—TIRES

Standard size & ply		6.70 x 15-4 ply (blackwall)(b)
Type - Nylon, etc.		Rayon (d)
Miles per gallon at 30 mph.		760
Front		24
Rear		24

### BRAKES—SERVICE

Type (duo-servo, balanced, etc.)		Duo-Servo, 4 wheel hydraulic	
Adjusting, etc.)		Standard	Heavy-Duty, RPO 686(c)
Driver brake make & type (note, integral, etc.)		None	
Swept area (sq. in.)*		157.0	134.0 ●
Lining area (sq. in.)**		157.0	134.0 ●
Drum area (sq. in.)***		259	327.0 ●
Percent brake effectiveness—front		58.5	58.5
Rim diameter	Front	11	
	Rear	11	
Type and material		Composite - cast alloy iron rim; pressed steel web	
Bonded or riveted		Bonded	Welded
Front Shoe	Material		Full molded asbestos comp
	Size (length x width x thickness)	Front wheel	9.34 x 2.0 x .168 ●
		Rear wheel	9.34 x 1.75 x .168 ●
	Segments per shoe		1
Rear Shoe	Material		Full molded asbestos comp
	Size (length x width x thickness)	Front wheel	11.75 x 2.0 x .164 ●
		Rear wheel	11.75 x 1.75 x .164 ●
	Segments per shoe		1
Master cylinder bore	Front	1.1875	
	Rear	1.00	
Slave cylinder bore		1.00	
Available pedal travel		4.50	
Brake pressure at 100 lb. pedal load		700 psi	
Brake clearance adjustment		Adjust to light drag, back off 12 notches	

Excludes rivet holes, grooves, chamfers, etc.

Includes rivet holes, grooves, chamfers, etc.

Total swept areas for four brakes:

Widest lining contact width for each brake x its drum circumference.

a) - 15 x 15.5K wheels available as RPO

b) - White wall tire available as RPO

c) - Additional heavy-duty brakes included in chassis package RPO 687 (See Supplementary Information).

d) - Nylon tires available optionally.

# AMA Specifications -- Passenger Car

Supplement to Page 16

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (1) 3-1-62

## SUPPLEMENTARY INFORMATION

MODEL Corvette

### Optional Heavy Duty Brakes (RPO 687)\*

Type		Duo-Servo, 4-wheel hydraulic	
Effective area (sq. in.)		126.0 *	
Gross lining area (sq. in.)		126.0 *	
Brake effectiveness, front		62%	
Drum	Diameter	Front	11
		Rear	11
Type & material		Composite; cast alloy iron rim pressed steel web	
Brake cooling at each wheel		Vanas cast on drum rim, air scoop on backing plate, fans between drum and wheel hub.	
Front Shoe Brake Lining	Attachment		Welded
	Material		Sintered iron
	Size	Front wheel	1.64 x 1.25 x .205 *
		Rear wheel	2.00 x .875 x .205 *
Segments per shoe		6	
Rear Shoe Brake Lining	Attachment		Welded
	Material		Sintered iron
	Size	Front wheel	1.64 x 1.25 x .325 *
		Rear wheel	2.0 x .875 x .325 *
Segments per shoe		Front: 12; Rear: 10	
Wheel cyl. bore	Front	1.125	
	Rear	0.875	
Master cylinder bore		1.0	
Available pedal travel		4.5	
Line pressure @ 100 lb pedal load		700 psi	
Shoe clearance adjustment		Adjust to slight drag, back off 17 notches	

\* - RPO 687 includes fast steering adapter and Heavy-Duty shock absorbers.

# AMA Specifications—Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_  
 MODEL Corvette

### BRAKES—PARKING

Type of control		T-handle pull rod
Location of control		Below instrument panel, left of steering column
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	None
	Drum diameter	None
	Lining size (length x width x thickness)	None

### FRAME or UNITIZED CONSTRUCTION

Type and description	Full length welded box section side members, I-beam X-member. Bracing X-member to front side members, U-type rear shock absorber crossmember. Box section front and rear crossmember.
----------------------	---

### SUSPENSION—GENERAL (See Supplemental page 17 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		Scissors type jack provided
Shock absorber front & rear	Type	Direct double acting (a)
	Make	Delco
	Piston dia.	1.0
Other special features		Auxiliary rear radius rods control spring wind-up

### SUSPENSION—FRONT

Type and description	Unitized, independent, short and long arm
----------------------	---

(Continued) Rev. Form 3-59

(a) - Each contains nitrogen-filled envelope in fluid reservoir to prevent fluid aeration.

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

# AMA Specifications - Passenger Cars

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED <sup>(\*)</sup> 3-1-62

MODEL Corvette

## 5. SUSPENSION FRONT (cont.)

Spring	Type	Coil	
	Material	Chrome alloy steel	
	Size (coil design height & I.D.; bar length x dia.)	9.62 x 3.162 x 116.0 x .550	
	Spring rate (lb. per in.)	300	
	Rate at wheel (lb. per in.)	115	
	Design load (lb. @ design height)	1235 @ 9.62	
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	HR steel, .8125	

## STEERING

Mechanical (std., opt., NA)			Standard
Power (std., opt., NA)			Not Available
Wheel diameter			17"
Turning diameter	Outside front	Wall to wall (l. & r.)	39.0; 38.5
		Curb to curb (l. & r.)	37.0; 36.5
	Inside rear	Wall to wall (l. & r.)	
		Curb to curb (l. & r.)	
Inside wheel angle with inside wheel at 20°			17°

Mechanic	Gear	Type		Semi-reversible, worm and ball bearing sector	
		Make		Saginaw	
		Ratios	Gear	16.0:1	
			Overall	21.0:1	16.3:1 (a)
	No. wheel turns		3.7 (lock to lock) *	3.25 (lock to lock)(a)*	

Power	Type (coaxial, linkage, etc.)		None		
	Make		--		
	Trade name		--		
	Gear	Type		--	
		Ratios	Gear	--	
			Overall	--	
	Pump driven by		--		
	Number wheel turns		--		

Lage	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	

(a) - Special steering - part of heavy-duty chassis option, RPO 687.

(Continued)

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-64 REVISED \_\_\_\_\_  
 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° 0' ± 0° 30'
	Camber (deg.)		0° ± 0° 30'
	Toe-in (outside tread-inches)		.00-.12 per wheel
Steering spindle & joint type			Reverse Elliott
Wheel spindle	Diameter	Inner bearing	1.2801-1.2806
		Outer bearing	.7490-.1495
	Thread size		3/4-20
	Bearing type		Ball

## SUSPENSION—REAR

Type and description			Outrigger mounted leaf springs	
Drive and torque taken through (see page 15)			Rear springs and radius rods	
Spring	Type		Leaf, semi-elliptic	
	Material		Alloy steel	
	Size (length x width, coil design height and I.D.; bar length & dia.)		51.0 x 2.0	
	Spring rate (lb. per in.)		115	
	Rate at wheel (lb. per in.)		-----	
	Design load (lb. at design height)		545-605 @ .08 negative camber height	
	Mounting insulation type		Rubber bushed	
	If leaf	No. of leaves		4 (a)
		Inserts	Type and size	3 Liners; 19.8, 31.8, 46.3 long; 1.9 wide; .11 thick
Material			Wax impregnated fiber board	
Shackle (comp. or tens.)		Tension		
Stabilizer	Type (link, linkless, frameless)		Link	
	Material		Hot rolled steel	
Track bar type			None	

# AMA Specifications – Passenger Car

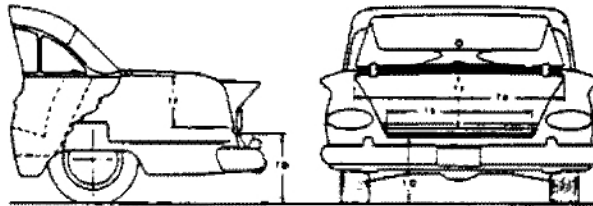
MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_

## BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been adopted by 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. Body Dimensions are for all basic body models as indicated.
2. All interior dimensions are taken 15" outboard of car centerline (C/L) unless otherwise stated.
3. Front and rear seat free "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
4. Depressed "A" point is the lowest point on the seat cushion depressed contour.
5. Front seat is in full down and normal rear position.
6. Unless otherwise specified all exterior height dimensions are taken with a full design load which consists of 5 passengers, 300 lbs. front, 450 lbs. rear; includes spare wheel, tire and tools, and full complement of gas, oil, water and tires to recommended pressure, etc.
7. DLO (Daylight opening - pages 22 & 24).
8. For further clarification of definitions see SAE Aeronautical—Automotive Drawing Standards, Section E-1.

## BODY—TRUNK DIMENSIONS



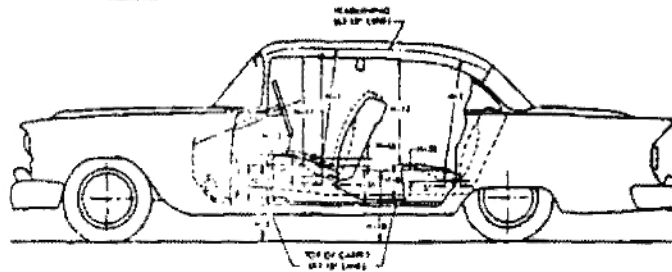
MODEL	Corvette
Available trunk luggage capacity (See Section E-1) of SAE Automotive Drawing Standards)	5.2 cu. ft.
Total trunk volume in cu. ft. with spare tire in place	12.09 cu. ft.
—Width across the top	44.5
—Width across the bottom	Opening is oval
—Vertical dimension at C/L from bottom to top of opening	13.8
—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	26.2
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 1962 DATE ISSUED 10-23-61 REVISED \_\_\_\_\_

## BODY—HEIGHT DIMENSIONS—INTERIOR



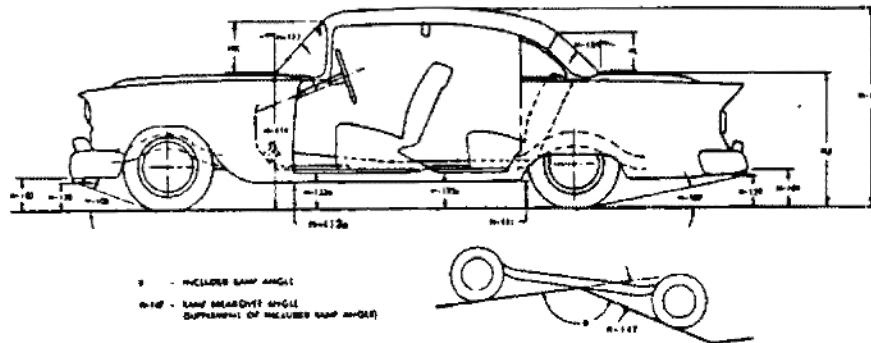
MODEL	Corvette
H1. Front headroom. Free "A" pt. to headlining at 8° back of vertical. (For "A" pt. see note 3, page 20)	Convertible - 35.5 Hardtop - 36.0
H2. Rear headroom. Free "A" pt. to headlining at 8° back of vertical	--
H3. Front cushion height above floor carpet at front edge of cushion. (Ignore risers)	7.7
H5. Free "A" pt. to ground, front. Measured vertically	16.0
H8. Rear cushion height above floor carpet at front edge of cushion. (Ignore risers)	--
H10. Free "A" point to ground rear. Measured vertically	--
H11. Entrance, front. Free "A" point to bottom of windcard, vertical	30.8
H12. Entrance, rear. Top of cushion to bottom of windcard at front edge of rear seat	--
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance)	5.5
H30. Free "A" point reference height, front. Vertical dimension to SAE horizontal reference line	5.2
H31. Free "A" point reference height, rear. Vertical dimension to SAE horizontal reference line	--
H32. Front seat cushion deflection. Vertical dimension from free "A" point to depressed "A" point	2.2
H33. Rear seat cushion deflection. Vertical dimension from free "A" point to depressed "A" point	--
H45. Front seat maximum vertical rise at free "A" point	.2

Rev. Form 3-59

**NOTE:** Torso room, a depressed dimension, is reported for H1 and H2 dimensions. Free "A" point and depressed "A" point dimensions are replaced with applicable "H" and "D" point dimensions.

# AMA Specifications— Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a)  
**BODY—HEIGHT DIMENSIONS—EXTERIOR**



NOTE: For dimensions to lamps see page 12.

MODEL	Corvette
H101. Overall height, full design load	Convertible 52.2 (a); Hardtop 52.1
H101. Overall height, curb weight	Convertible 52.9 (b); Hardtop 52.8
H102. Front bumper bottom to ground at normal section, min. height	17.0
H104. Rear bumper bottom to ground at normal section, min. height	16.4
H106. Angle of approach. To interfering point on bumper, guard, other	21° 18'
H107. Angle of departure. To interfering point on bumper, guard, other	21° 10'
H11. Body Sill to Ground-Rear. Vertical dimension measured from bottom of body sill (rocker panel), excluding any flanges, to ground at front of rear wheel opening.	6.7
H112a. Body Sill to Ground-Front. Measured vertically at foremost point of body sill (rocker panel), excluding flanges and front fender.	7.2
H114. Hood at rear to ground. Vertical dimension C/L, excluding molding, at hood opening line at cowl	36.0
H122. Windshield normal slope angle to vertical line on car C/L	50°
H124. Backlight normal slope angle to vertical line on car C/L	Approx. 47°
H128. Bottom of front bumper guard to ground	9.0
H129. Bottom of rear bumper guard to ground	14.0
H133a. Bottom of front door to ground, min. dimension	13.5
H135a. Bottom of rear door to ground, min. dimension	--
H147. Ramp breakover angle	7° 47'
H153. Min. road clearance at rear axle	8.0
H156. Min. road clearance and location	6.7 (Body sill to ground-rear)
HJ. Deck at rear window to ground	36.4
HK. Windshield DLO°. Vertical height at C/L	11.3
HL. Back light DLO°. Vertical height at C/L	8.3

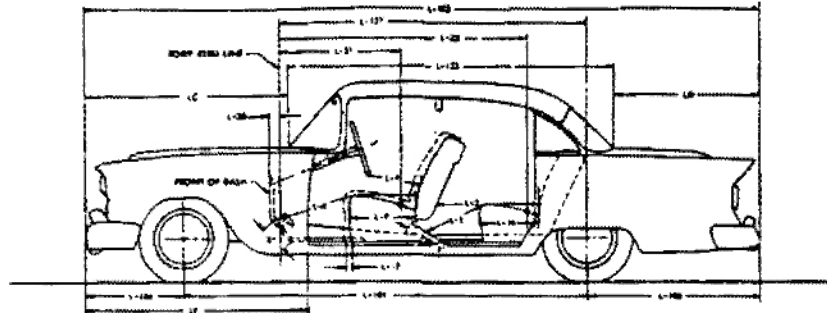
\* See Note, page 20

- (a) Top down - 50.2
- (b) Top down - 50.8
- (c) - Vertical 5 inch line on the frame.

# AMA Specifications—Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE: ISSUED 10-23-61 REVISED \_\_\_\_\_

## BODY—LENGTH DIMENSIONS



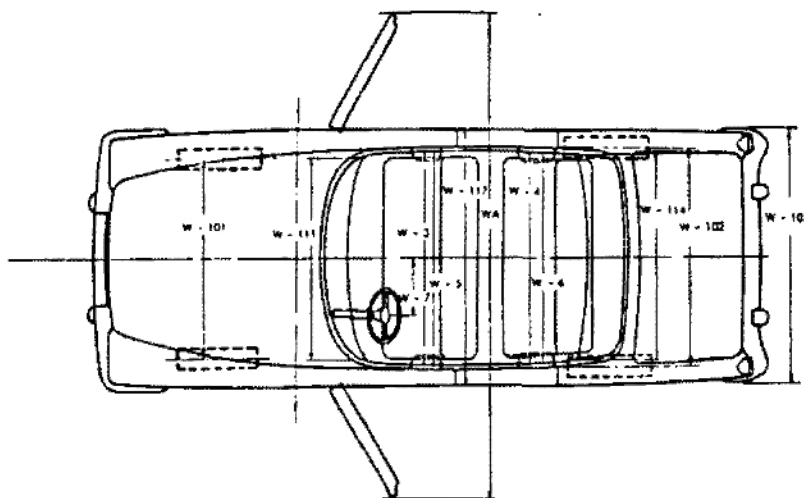
MODEL	Corvette																				
Interior	<tr> <td>L3. Rear compartment room. Back of front seat back to front of rear seat back</td> <td style="text-align: center;">--</td> </tr> <tr> <td>L4. Leg room, front. Ball of foot to top of seat to seat back</td> <td style="text-align: center;">46.4</td> </tr> <tr> <td>L5. Leg room, rear. Ball of foot to top of seat to seat back</td> <td style="text-align: center;">--</td> </tr> <tr> <td>L7. Steering wheel clearance to seat back taken on arc</td> <td style="text-align: center;">16.3</td> </tr> <tr> <td>L9. Front seat depth. Front edge to vert. tan. of seat back</td> <td style="text-align: center;">18.7</td> </tr> <tr> <td>L16. Rear seat depth. Front edge to vert. tan. of seat back</td> <td style="text-align: center;">--</td> </tr> <tr> <td>L17. Maximum "A" point horizontal travel with normal seat adjustment</td> <td style="text-align: center;">4.4</td> </tr> <tr> <td>L30. Vertical body zero line to actual front of dash. Measured horizontally*</td> <td style="text-align: center;">.5</td> </tr> <tr> <td>L31. Vertical body zero line to free "A" point, front</td> <td style="text-align: center;">41.3</td> </tr> <tr> <td>L32. Vertical body zero line to free "A" point, rear</td> <td style="text-align: center;">--</td> </tr>	L3. Rear compartment room. Back of front seat back to front of rear seat back	--	L4. Leg room, front. Ball of foot to top of seat to seat back	46.4	L5. Leg room, rear. Ball of foot to top of seat to seat back	--	L7. Steering wheel clearance to seat back taken on arc	16.3	L9. Front seat depth. Front edge to vert. tan. of seat back	18.7	L16. Rear seat depth. Front edge to vert. tan. of seat back	--	L17. Maximum "A" point horizontal travel with normal seat adjustment	4.4	L30. Vertical body zero line to actual front of dash. Measured horizontally*	.5	L31. Vertical body zero line to free "A" point, front	41.3	L32. Vertical body zero line to free "A" point, rear	--
L3. Rear compartment room. Back of front seat back to front of rear seat back	--																				
L4. Leg room, front. Ball of foot to top of seat to seat back	46.4																				
L5. Leg room, rear. Ball of foot to top of seat to seat back	--																				
L7. Steering wheel clearance to seat back taken on arc	16.3																				
L9. Front seat depth. Front edge to vert. tan. of seat back	18.7																				
L16. Rear seat depth. Front edge to vert. tan. of seat back	--																				
L17. Maximum "A" point horizontal travel with normal seat adjustment	4.4																				
L30. Vertical body zero line to actual front of dash. Measured horizontally*	.5																				
L31. Vertical body zero line to free "A" point, front	41.3																				
L32. Vertical body zero line to free "A" point, rear	--																				
Exterior	<tr> <td>L101. Wheelbase</td> <td style="text-align: center;">102.0</td> </tr> <tr> <td>L103. Overall length. Incl. bumper guards if standard equipment</td> <td style="text-align: center;">176.7</td> </tr> <tr> <td>L104. Overhang, front. Include bumper guards if stand. eq.</td> <td style="text-align: center;">31.8</td> </tr> <tr> <td>L105. Overhang, rear. Include bumper guards if stand. eq.</td> <td style="text-align: center;">42.9</td> </tr> <tr> <td>L123a. Body upper structure length at C/L, excl. molding</td> <td style="text-align: center;">60.5</td> </tr> <tr> <td>L127. Vertical body zero line to centerline of rear wheels</td> <td style="text-align: center;">74.1</td> </tr> <tr> <td>LC. Front of car to base windshield, excl. molding</td> <td style="text-align: center;">69.0</td> </tr> <tr> <td>LD. Rear of car to base of rear window or upper structure, excl. molding</td> <td style="text-align: center;">47.5</td> </tr> <tr> <td>LE. Front of car to front edge of front door</td> <td style="text-align: center;">75.5</td> </tr>	L101. Wheelbase	102.0	L103. Overall length. Incl. bumper guards if standard equipment	176.7	L104. Overhang, front. Include bumper guards if stand. eq.	31.8	L105. Overhang, rear. Include bumper guards if stand. eq.	42.9	L123a. Body upper structure length at C/L, excl. molding	60.5	L127. Vertical body zero line to centerline of rear wheels	74.1	LC. Front of car to base windshield, excl. molding	69.0	LD. Rear of car to base of rear window or upper structure, excl. molding	47.5	LE. Front of car to front edge of front door	75.5		
L101. Wheelbase	102.0																				
L103. Overall length. Incl. bumper guards if standard equipment	176.7																				
L104. Overhang, front. Include bumper guards if stand. eq.	31.8																				
L105. Overhang, rear. Include bumper guards if stand. eq.	42.9																				
L123a. Body upper structure length at C/L, excl. molding	60.5																				
L127. Vertical body zero line to centerline of rear wheels	74.1																				
LC. Front of car to base windshield, excl. molding	69.0																				
LD. Rear of car to base of rear window or upper structure, excl. molding	47.5																				
LE. Front of car to front edge of front door	75.5																				

\* Precede figure with minus sign if front of dash is to rear of body zero line.

# AMA Specifications—Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a)

## BODY—WIDTH DIMENSIONS

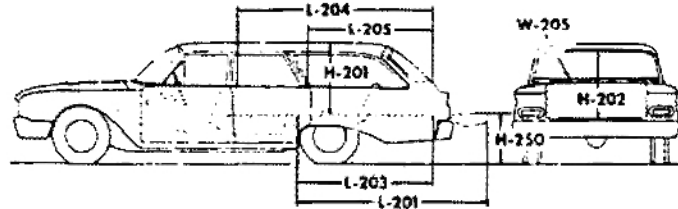
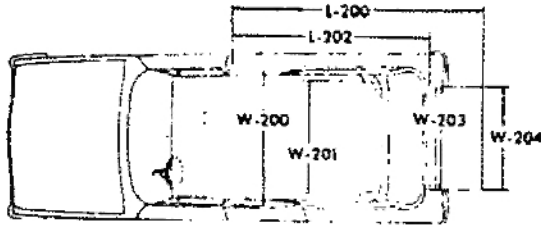


MODEL	Corvette	
1e-3f	W3. Front shoulder room, at garnish molding height or nearest interference 5" forward of seat back	49.4
	W4. Rear shoulder room, at garnish molding height or nearest interference 5" forward of seat back	--
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back	59.6
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back	--
	W7. Steering wheel center (on surface plane of wheel) to C/L of body	13.9
1e-3g	W101. Front tread at ground	57.0
	W102. Rear tread at ground	59.0
	W103. Max. overall width of car incl. bumpers or moldings (specify location).	70.4
	WA. Max. overall width of car with doors open (2 & 4 door)	134.5
	W111. Windshield DLO, max. width	53.6
	W114. Back window DLO, max. width	Hardtop 48.3; Convertible 35.0
	W116a. Maximum overall sheet metal width excl. hardware and applied molding (specify location)	70.4
W117. Max. body width at center pillar, less hardware and applied moldings	70.4	

# AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED( )

## STATION WAGON—CARGO SPACE DIMENSIONS



NOTE: Front seat in full down and normal rear position for all measurements. Lengths and heights measured at car centerline.

MODEL	Corvette
L200 Floor length from back of front seat at floor level to end of lowered tail gate	--
L201 Floor length from back of second seat at floor level to end of lowered tail gate	--
L202 Floor length from back of front seat at floor level to inside of closed tail gate	--
L203 Floor length from back of second seat at floor level to inside of closed tail gate	--
L204 Minimum horizontal distance from top rear of front seat back to inside of top of tail gate	--
L205 Minimum horizontal distance from top rear of second seat back to inside of top of tail gate	--
w200a Maximum width of cargo space at floor, specify location	--
W201 Minimum distance between wheel houses at floor level	--
W203 Rear end opening width at floor	--
W204 Rear end opening width at top of tail gate	--
W205 Maximum width of rear opening above raised tail gate	--
H201 Maximum height, floor covering to headlining at centerline of rear axis	--
H202 Maximum height of rear opening, tail and lift gates open	--
H250 Platform height measured from ground to top of tail gate floor covering at rear most edge of tail gate, curb weight	--
Third Seat, facing direction	--
Tail and lift gates or sliding glass	--
Cargo volume index (cu. ft.) W4 (P. 24) X L204 X H201	--

# AMA Specifications - Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1962 DATE ISSUED 10-23-61 REVISED (a)

MODEL Corvette

## BODY - MISCELLANEOUS INFORMATION

Drs. hinged front, rear)	Front doors	Front
	Rear doors	--
Type of finish (lacquer, enamel, other)		Acrylic lacquer
Door hinge location (front, rear)		Front
Door counterbalanced (yes, no)		No
Door release control (internal, external)		Internal
Vehicle (Serial) No. Location		LF body hinge pillar
Engine No. Location		Front right side of cylinder block L. H. side of steering column
Theft protection - type		Ignition, key not removable in "Off" (unlocked) position
Front window control method (crank, friction pivot)	Front	None
	Rear	None
Seat cushion type	Front	Foam rubber, vinyl covered
	Rear	None
Seat back type	Front	Cotton-vinyl covered
	Rear	None
Windshield type (single curved, compound curved, other)		Single curved
Rear window type (flat, curved, one piece, two piece)		Folding top - one-piece flexible plastic Hardtop - one-piece curved plastic
Side glass type (curved, flat)		Flat
Side glass exposed surface area		500 sq. in.
Windshield glass exposed surface area		908 sq. in.
Taillight glass exposed surface area		408 sq. in.
Total glass exposed surface area		1816 sq. in.



## INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Air suspension	17	Lamp Bulbs	11
Angles of Approach, Departure	22	Lamp Height & Spacing	12
Automatic Transmission	1, 14	Legroom	23
Axis, Steering	19	Lengths – Car, & Body Interior	1, 23
Axis, Rear	1, 15	Lifters, Valves	4
Battery	8	Linings – Clutch, Brake	13, 16
Bearings, Engine	3, 4, 7	Lubrication	5, 6, 13, 14, 15
Belts – Fan, Generator, Water Pump	7	Motor, Starting	8
Body – General Information, Types	Title, 20	Muffler	6
Height Dimensions	21, 22	Overdrive	14
Length Dimensions	23	Piston Pins & Rings	3
Overall Dimensions	1, 22, 23, 24	Pistons	2, 3
Trunk Capacities, Opening Dimensions	20	Power Brakes	16
Width Dimensions	24	Power Steering	18
Brakes – Parking, Service, Power	16, 17	Propeller Shaft, Universal Joints	15
Camber	19	Pumps – Oil, Fuel	6
Camshaft	4	Water	7
Capacities		Radiator, Hoses	7
Cooling System	7	Ramp Break-over Angle	22
Fuel Tank	6	Ratios – Axle	1, 15
Lubricants		Compression	1, 2
Engine Crankcase	6	Steering	18
Transmission and Overdrive	13, 14	Transmission	13, 14
Rear Axle	15	Rear Axle	1, 15
Carburetor	6	Regulator – Generator	8
Caster	19	Rims	16
Choke, Automatic	6	Rings, Piston	3
Circuit Breakers, Fuses	12	Rods – Connecting	3
Clearance, Ground	22	Shock Absorbers, Front & Rear	17
Clutch – Pedal Operated	13	Spark Plugs	9
Cognition	9	Speedometer	10
Coil Spring Rods	3	Springs – Front & Rear Suspension	18, 19
Cooling System	7	Valve, Engine	5
Crankshaft	4	Stabilizer (Sway Bar) – Front & Rear	18, 19
Cylinders and Cylinder Head	2	Starting Motor	8
Distributor – Ignition	9	Steering	18, 19
Electrical System	8, 9, 10, 11, 12	Suppression – Ignition, Radio	9
Engine		Suspension – Front & Rear	17, 18, 19
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, 16
Exhaust System	6	Toe in	19
Fan, Cooling	7	Torque Converter	14
Filters – Engine Oil, Fuel System	6	Torque – Engine, Rated	1, 2
Frame	17	Transmission – Types	1, 13, 14
Front Suspension	17, 18	Automatic	1, 14
Fuel, Fuel Pump, Fuel System	1, 2, 6	Manual & Overdrive	13, 14
Fuel Injection	1, 6	Ratios	13, 14
Fuses, Circuit Breakers	12	Tread	1, 24
Generator and Regulator	8	Turning Diameter	18
Glass	22, 24, 26	Unitized Construction	17
Height (Lamps)	12	Universal Joints, Propeller Shaft	15
Headroom – Body	21	Valves – Intake & Exhaust	4, 5
Height – Car & Body	1, 21, 22	Vibration Damper	4
Hood	26	Voltage Regulator	8
Horns	10	Water Pump	7
Horsepower – Brake, Rated, Taxable	1, 2	Weights – Shipping, Curb	27
Ign. System	9	Wheel Alignment	19
Inflation – Tires	16	Wheelbase	1, 23
Instruments	6, 10	Wheels & Tires	16
Kingpin (Steering Axis)	19	Wheel Spindle	19
		Widths – Car & Body	1, 24
		Windshield	22, 24, 26
		Windshield Wiper	10