AMA Specifications – Passenger Car

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MANUFACTURER	Chevrolet Motor Division General Motors Corporation	CAR NAME CHEVROLET 153-154-155-163-16500, 230 Cu. In. 6-Cyl. 154-156-164-16600, 283 Cu. In. 8-Cyl.	
MAILING ADDRESS	Owner Relations Service Depart. Chevrolet Motor Division General Motors Building Detroit, Michigan 48202	MODEL YEAR 1965	ISSUED: 9-28-64 REVISED (•) 2-22-65

NOTES:

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

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BODY—TYPES AND STYLE NAMES—

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

	140 HP 230 Cu. In. L-6	195 HP 283 Cu. In. V-8	
Biscayne	15311	15411	2-Door Sedan - 6-Passenger
	15335	15435	4-Door Station Wagon - 2-Seat
	15369	15469	4-Door Sedan - 6-Passenger
Bel Air	15511	15611	2-Door Sedan - 6-Passenger
	15535	15635	4-Door Station Wagon - 2-Seat
	15545	15645	4-Door Station Wagon - 3-Seat
	15569	15669	4-Door Sedan - 6-Passenger
Impala	16335	16435	4-Door Station Wagon - 2-Seat
	16337	16437	2-Door Sport Coupe - 5-Passenger
	16339	16439	4-Door Sport Sedan - 6-Passenger
	16345	16445	4-Door Station Wagon - 3-Seat
	16367	16467	2-Door Convertible - 5-Passenger
	16369	16469	4-Door Sedan - 6-Passenger
Impala Super Sport	16537	16637	2-Door Sport Coupe - 4-Passenger
	16567	16667	2-Door Convertible - 4-Passenger

* - Caprice special sport sedan equipment available as RPO Z18.

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GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	Std. L-6, 230 in.^{3} 15300-15500-16300-16500	Std. V-8, 283 in.^{3} 15400-15600-16400-16600	
Wheelbase (L101)		23	119.0		
Tread	Front (W101)	22	62.5, Wagons 63.5		
	Rear (W102)	22	62.4, Wagons 63.4		
Maximum Overall Dimensions	Length (L103)	23	213.1, Wagons 213.3		
	Width (W103)	22	79.6		
	Height (H101)	24	55.4, Sp. Sed. 54.5, Sp. Coupe 54.1, Conv. 55.1		
Transmission—(Specify trade name – opt., not available)	Manual	15	Synchromesh; 3-speed, standard, 4-speed opt. with V-8		
	Overdrive	16	Optional		
	Automatic	16	Powerglide; Optional		
Axle ratio	Manual	17	Coupes & Sedans, 3.08; Convs., 3.36; Stn. Wagons, 3.55	15400 & 600 Sed's 3.08; 16400 & wgns & 16600 - 3.36; Stn wgns 3.	
	Overdrive	17	Exc. Wagons, 3.70 Stn. Wagons, 3.73		
	Automatic	17	Same as Manual		
Tire size		18	Sedans & Coupes: 7.35 x 14	Convertibles: 7.75 x 14	Station Wagons: 8.25 x 14
Engine	Type, no. cyl., valve arr.	2	In-Line 6 OHV	90° V-8 OHV	
	Fuel system (Carb., other)	8	Carburetor		
	Bore and stroke	2	3.875 x 3.25	3.875 x 3.00	
	Piston displ., cu.in.	2	230	283	
	Std. compression ratio	2	8.5:1	9.25:1	
	Max. bhp at engine rpm	2	140 @ 4400	Std. 195 @ 4800	RPO L77 220 @ 4800
	Max. torque at rpm	2	220 @ 1600	285 @ 2400	295 @ 3200

(a) 4-Speed ratios except wgns., 3.36; wgns. 3.31

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GENERAL SPECIFICATIONS — DIMENSIONS

(All dimensions in inches unless otherwise indicated)
(Supplemental data available on request)

MODEL	Ref. No.	Sedans		Sport Sed's	Spt Cps.		Convert's		Stn. Wagons	
		2 dr	4 dr		Bn	Bkt	Bn	Bkt	2 seat	3 seat
FRONT COMPARTMENT										
Shoulder room	W3	62.3			62.4				62.3	
Max. eff. leg room – accelerator	L34	42.2			42.0				42.2	
Effective head room	H61	39.1		38.1	38.2	38.0	38.8	38.6	39.3	39.1
H Point to Heel point	H30	9.0		9.2		9.4	9.2	9.4	9.2	
Upper body opening to ground	H50	44.4		41.4	44.1				44.4	
REAR COMPARTMENT										
Shoulder room	W4	60.7	61.4		60.9		53.1		61.6	
H Point couple distance	L50	36.2		35.8					35.2	
Minimum effective leg room	L51	38.9	39.5	38.6	34.9	36.0	34.9	36.0	38.3	
Effective head room	H63	37.8		37.3	37.2		37.8		39.1	

STATION WAGON—THIRD SEAT

155-156-163-16445

Shoulder room	W85	48.6
Effective leg room	L86	33.3
Effective head room	H86	36.3

LUGGAGE COMPARTMENT

'sable luggage capacity (See instr.)	V1	17.7		---
..ftover height	H195	24.6		23.8
Position of spare tire storage		Center of trunk shelf	Trnk flr rt side	Rt rr qtr under cove
Method of holding lid open		Torsion bars counterbalanced		---

STATION WAGON—CARGO SPACE

Minimum distance between wheel houses at floor level	W201	49.7
Rear end opening width at belt	W204	52.4
Floor length from back of front seat at floor level to inside of closed tail gate	L202	96.0
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	86.0
Maximum height – floor covering to headlining at centerline of rear axle	H201	30.7
Maximum height of rear opening – tail and lift gates open	H202	28.8
Cargo volume index (cu.ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	94.1

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MODEL		230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600 Std. - 195 HP	RPO L77 - 220 HP
ENGINE—GENERAL				
Type, no. cyls., valve arr.		In-Line 6 OHV	90° OHV V-8	
Bore and stroke (nominal)		3.875 x 3.25	3.875 x 3.00	
Piston displacement, cu. in.		230	283	
Bore spacing (C/L to C/L)		4.4	4.4	
No. system (front to rear)	L. Bank	1-2-3-4-5-6 (In-Line)	1-3-5-7	
	R. Bank		2-4-6-8	
Firing order		1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Compres. ratio (nominal)		8.5:1	9.25:1	
Cylinder Head Material		Cast Alloy Iron		
Cylinder Block Material		Cast Alloy Iron		
Cylinder Sleeve-Wet, dry, none		None		
Number of mounting points	Front	Two		
	Rear	One		
Engine installation angle		3°54'		
Taxable horsepower $\frac{Dia.^2 \times No. Cyl.}{2.5}$		36.0	48.0	
Published max. bhp* @ eng. RPM		140 @ 4400	195 @ 4800	220 @ 4800
Published max. torque* (lb. ft. @ RPM)		220 @ 1600	285 @ 2400	295 @ 3200
Recommended fuel regular - premium		Regular		
Idle speed (spec. neutral or drive)	Manual	500 in Neutral		
	Automatic	475 in Drive		
ENGINE—PISTONS				
Material		Cast Aluminum Alloy		
Description and finish		Flat, notched head; slipper skirt		
Weight (piston only) oz.		20.40	20.30	
Clearance (limits)	Top land	.035 - .044		
	Skirt Top	.0005 - .0011 (a)		
	Skirt Bottom			
Ring groove depth	No. 1 ring	.2153 - .2218		
	No. 2 ring	.2153 - .2218		
	No. 3 ring	.2093 - .2158		
	No. 4 ring	None		

*Max. bhp (brake horsepower) and max. torque corrected to 60° F and 29.92 in. Hg atmospheric pressure.

(a) Measured at 2.44 from top of piston.

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POWER TEAMS
(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first)		
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		"A"	"B"	"C"
						3-Spd & Pwr/glide*			
15300-15500		1-Bbl.		140	220	Coupes & Sedans	3.08:1	3.55:1	3.36:1
16300-16500	230	Down-	8.5:1	@	@	Convertibles	3.36:1	3.55:1	---
		draft		4400	1600	Station Wagons	3.55:1	---	---
						Overdrive*			
						All models exc. Station Wagons	3.70:1	---	---
						Station Wagons	3.73:1	---	---
15400-15600 (excluding Sta. Wagons)						3-Spd & Pwr/glide*	3.08:1	3.55:1	3.36:1
						Overdrive*	3.70:1	---	---
						4-Speed*	3.36:1	---	---
16400-16600 (excluding Sta. Wagons)	283	2-Bbl. Down- draft	9.25:1	195 @ 4800	285 @ 2400	3-Spd & Pwr/glide*	3.36:1	3.55:1	---
						Overdrive*	3.70:1	---	---
						4-Speed*	3.36:1	---	---
15400-15600 16400 (Station Wagons only)						3-Spd & Pwr/glide*	3.31:1	3.55:1	---
						Overdrive*	3.73:1	---	---
						4-Speed*	3.31:1	---	---
15400-15600 16400-16600 (excluding Sta. Wagons)	283 (Opt)	One; 4-Bbl. Down- draft	9.25:1	220 @ 4800	295 @ 3200	3-Spd, 4-Speed* & Powerglide*	3.36:1	3.55:1	---
						Overdrive*	3.70:1	---	---
15400-15600 16400 (Station Wagons only)						3-Spd, 4-Spd* & Powerglide*	3.31:1	3.55:1	---
						Overdrive*	3.73:1	---	---

- Positraction Axle Ratios available in combinations as shown.

* - Optional
"A" - General Purpose (Standard)
"B" - Special Purpose or Mountain (Optional)
"C" - Performance (Optional)

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MODEL			230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600
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.		Cast alloy iron, inside bevel Upper - Flash chrome plate Lower - Wear resistant coating	
	Width		.0775 - .0780 Upper; .0770 - .0780 Lower	
	Gap		.010 - .020	
Oil	Description – material, type, coating, etc.		Multi-piece (2 rails and one spacer expander) Spacer expander - steel Rails - Stainless steel, chrome plated O. D.	
	Width		.1840 - .1880 (assembled)	
	Gap		.015 - .055	
Expanders			In oil ring assembly	
ENGINE—PISTON PINS				
Material			Chromium 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 .060	
ENGINE—CONNECTING RODS				
Material			Drop forged steel	
Weight (oz.)			20.00	20.00
Length (center to center)			5.699 - 5.701	
Bearing	Material & Type		Steel backed babbitt or copper lead alloy	
	Overall length		.807	
	Clearance (limits)		.0007 - .0027	
	End play		.009 - .013	

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MODEL			230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600
ENGINE—CRANKSHAFT				
Material			Cast Nodular Iron	Forged Steel or Cast Nodular Iron
Vibration damper type			Rubber mounted inertia damper (a)	
End thrust taken by bearing (No.)			7	5
Crankshaft end play			.002 - .006	
Main bearing	Material & type		Steel backed babbitt or copper lead alloy	
	Clearance		.0003 - .0029	
	Journal dia. and bearing overall length	No. 1	2.3004 x .752	2.3008 x .752
		No. 2	2.3004 x .752	
		No. 3	2.3004 x .752	
		No. 4	2.3004 x .752	
		No. 5	2.3004 x .752	2.3004 x 1.177
		No. 6	2.3004 x .752	None
		No. 7	2.3004 x .760	None
	Dir. & amt. cyl. offset		None	
Crankpin journal diameter			1.999 - 2.000	
ENGINE—CAMSHAFT				
Location			Above & to right of crankshaft	In block above crankshaft
Material			Cast alloy iron	
Bearings	Material		Steel-backed babbitt	
	Number		4	5
Type of Drive	Gear or chain		Gear	Chain
	Crankshaft gear or sprocket material		Steel	Steel sprocket
	Camshaft gear or sprocket material		Bakelite and fabric composition with steel hub	Cast alloy iron
	Timing chain	No. of links	None	46
		Width	None	.875
		Pitch	None	.500
ENGINE—VALVE SYSTEM				
Hydraulic lifters (Std, opt, NA)			Standard	
Valve rotator, type (intake, exhaust)			None	
Rocker ratio			1.75:1	1.5:1
Operating tappet clearance (Indicate hot or cold)	Intake		Zero	
	Exhaust		Zero	
Timing marks on flywheel, damper, other			Harmonic Balancer	

(a) Used only with cast nodular iron crankshaft.

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ENGINE—VALVE SYSTEM (cont.)

MODEL			230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600
Timing	Intake	Opens (°BTC)	62°	32° 30'
		Closes (°ABC)	94°	87° 30'
		Duration – deg.	336°	300°
	Exhaust	Opens (°BBC)	92° 30'	74° 30'
		Closes (°ATC)	63° 30'	45° 30'
		Duration – deg.	336°	300°
	Valve opening overlap		125° 30'	78°
Intake	Material		Alloy steel	
	Overall length		4.902 - 4.922	
	Actual overall head dia.		1.715 - 1.725	
	Angle of seat & face		46° (seat) 45° (face)	
	Seat insert material		None	
	Stem diameter		.3404 - .3417	
	Stem to guide clearance		.0010 - .0033	
	Lift (@ zero lash)		.3318	.3987
	Outer spring press. and length	Valve closed (lb. @ in.)	56-64 @ 1.66	78-86 @ 1.66
		Valve open (lb. @ in.)	170-184 @ 1.33	170-180 @ 1.26
	Inner spring press. and length	Valve closed (lb. @ in.)	None	Spring Damper
		Valve open (lb. @ in.)	None	Spring Damper
Exhaust	Material		High alloy steel	
	Overall length		4.913 - 4.933	
	Actual overall head dia.		1.495 - 1.505	
	Angle of seat & face		46° (seat) 45° (face)	
	Seat insert material		None	
	Stem diameter		.3410 - .3417	
	Stem to guide clearance		.0010 - .0027	
	Lift (@ zero lash)		.3318	.3987
	Outer spring press. and length	Valve closed (lb. @ in.)	56-64 @ 1.66	78-86 @ 1.66
		Valve open (lb. @ in.)	170-184 @ 1.33	170-180 @ 1.26
	Inner spring press. and length	Valve closed (lb. @ in.)	None	Spring Damper
		Valve open (lb. @ in.)	None	Spring Damper

ENGINE—LUBRICATION SYSTEM

Type of lubrication (Pressure, Splash, nozzle)			
	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Splash	
	Camshaft bearings	Pressure	
	Tappets	Pressure	
	Timing gear or chain	Nozzle	
	Cylinder walls	Conn. Rod Bearing Throw Off	Pressure, Jet Cross Sprayed

(Continued)

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MODEL	230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear	
Normal oil pressure (lb. @ engine rpm)	30-45 PSI @ 1500 RPM	
Oil pressure sending unit (elect. or mech.)	Electric	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, partial, other)	Full Flow	
Filter replacement (element, complete)	Complete	Element
Capacity of crankcase, less filter-refill (qt.)	4.0	
Oil grade recommended (SAE viscosity and temperature range) *	32° F and above ----------SAE 20W, SAE 20, SAE 10W-30 0° F and above ----------SAE 10W, SAE 10W-30 Below 0° F ----------SAE 5W, SAE 5W-20	
Engine Service Requirement (MM, MS, etc)	MS or DG	

ENGINE—EXHAUST SYSTEM

		Std-195 HP		RPO L77-220 HP
Type (single, single with cross-over, dual, other)		Single	Single with crossover	Dual
Muffler No. & type (reverse flow, traight thru, separate resonator)		One; Reverse Flow		Two; with resonators
Exhaust pipe dia. (O.D. & wall thickness)	Branch		(a)	
	Main	2.00 x .057 - .071	(a)	(b)
Tail pipe diameter (O.D. & wall thickness)		1.875 x .062-.076		2.00 x .062-.076

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilates to induction system	
	Optional		
Control unit	Make and model		
	Location	Top rear of rocker cover	At rear of carburetor
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum	
	Control method (variable orifice, fixed orifice, other)	Variable	
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other	Intake manifold	
	Air inlet (breather cap, carburetor air cleaner, other)	Breather cap	
	Flame arrestor (screen, check valve, other)	Check valve	

* SAE 5W-30 can be used as an alternate for 5W; 5W-20 or 10W-30.

(a) 2.00 x .073-.091 (laminated)

(b) 2.50 x .062-.076 (laminated)

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MODEL	230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600

ENGINE—FUEL SYSTEM

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

Induction type: Carburetor, fuel injection, supercharger.			Carburetor	
Fuel Tank	Capacity (gals.)		20 (24 on Sta. Wgns.)	
	Filler location		Behind hinged rear license plate (a)	
Fuel Pump	Type (elec. or mech.)		Mechanical	
	Locations		Lower right front of engine	
	Pressure range		3.50 - 4.50 psi	5.25 - 6.50 psi
Vacuum booster (std., optional, none)			None	
Fuel Filter	Type		Fine mesh plastic strainer in gasoline tank	
	Locations		and sintered bronze filter in carburetor inlet	
Carburetor	Choke type		Automatic	
	Intake manifold heat control (exhaust or water)		Exhaust	
	Air clnr. type	Standard	Oil wetted polyurethane	Oil wetted paper
		Optional	None	

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
15300-15500	230	3-Speed Powerglide	Rochester	7025003	One; Single-Barrel, Down-draft	1.56
			Rochester	7025000		
15400-15600 16400-16600	283	3-Speed 4-Speed Powerglide	Rochester	7024101	One; Two-Barrel, Down-draft	1.44
			Rochester	7024110		
		3-Speed 4-Speed Powerglide	Rochester	7025127	One; Four-Barrel, Down-draft	1.44 Primary & Secondary
			Rochester	7025128		

(a) Left rear quarter panel on Station Wagons.

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MODEL	230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure	
Radiator cap relief valve pressure			13 psi ± 1	
Circulation thermostat	Type (choke, bypass)		Choke	
	Starts to open at (°F)		177° - 183° F	
Water pump	Type (centrifugal, other)		Centrifugal	
	GPM @ 1000 pump rpm		60 @ 4400	54 @ 4400
	Number of pumps		One	
	Drive (V-belt, other)		V-Belt	
	Bearing type		Permanently lubricated double row ball	
By-pass recirculation type (internal, external)			Internal	
Radiator core type (cellular, tube and fin, other)			Tube on center	
Cooling system capacity	With heater (qt.)		12	17
	Without heater (qt.)		11	16
	Opt. equipment-specify (qt.)		14	19
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		4, staggered	
	Diameter		17.62	
	Ratio-fan to crankshaft rev.		.949:1	
	Fan cutout type		None	5-blade 18" fanused w/air con
	Bearing type		Double row ball	
*Drive belts (Indicate belt used by letter)	Fan		A	D
	Generator		A	D
	Water Pump		A	D
	Power Steering		B	E
	Air Conditioning		C	F

* Drive Belt Dimensions	A	B	C	D	E	F
Angle of V	38° - 42°					
Nominal length (SAE)	39.00	49.50	54.75	53.25	35.00	57.50
Width	.380 ± .005					

* With heater.

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MODEL			230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600
ELECTRICAL—SUPPLY SYSTEM				
Battery	Make and Model		Delco-Remy #1980554	
	Voltage Rtg. & Total Plates		12 Volt; 54 Plates	
	SAE Designation & Amp Hr. Rtg		44 Amp/Hr. @ Hr. Rate	
	Location		Right front engine compartment	
	Terminal grounded		Negative	
Generator	Make		Delco Products	
	Model		#1100693	
	Type		Diode rectified	
	Ratio—Gen. to Cr/s rev.		2.46:1	
	Gen. cut-in (hot)—engine rpm			
Regulator	Make		Delco-Remy	
	Model		#1119515	
	Type		Vibrator	
	Cutout relay	Closing voltage @ generator rpm	None	
		Reverse current to open		
	Regulated	Voltage	13.8 - 14.8 @ 85° F	
		Current		
	Voltage test conditions	Temperature	Operating	
		Load	3-8 Amperes	
		Other	None	
ELECTRICAL—STARTING SYSTEM				
Starting motor	Make		Delco-Remy	
	Model		#1107259	#1107247
	Rotation (drive end view)		Clockwise	
	Engine cranking speed			
	Test conditions		Engine at operating temperature	
	Lock test	Amps		
		Volts		
		Torque (lb. ft.)		
	No load test	Amps	49-76	
		Volts	10.6	
		RPM (min.)	6200-9400	
Motor control	Switch (solenoid, manual)		Solenoid	
	Starting procedure		SYNCHROMESH - Place gearshift in neutral & depress clutch to floor. POWERGLIDE - Place control lever in N or P position. INITIAL START - Press accelerator pedal to floor once to set automatic choke, then release. Turn ignition to START and release as soon as engine starts.	

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e) 2-22-

MODEL	230 Cu. In. L-6 15300-15500-16300-16500	283 Cu. In. V-8 15400-15600-16400-16600

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Positive Shift Solenoid
	Pinion meshes (front, rear)		Rear
	Number of teeth	Pinion	9
		Flywheel	153
	Flywheel tooth face width		.4010 - .4130

ELECTRICAL—IGNITION SYSTEM

			Std - 195 HP		RPO L77 - 220 HP
Coil	Make		Delco-Remy		
	Model		#1115208		#1115204
	Amps	Engine stopped	4.0		
		Engine idling	1.8		
Distributor	Make		Delco-Remy		
	Model		#1110280	#1111015	#1111075
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	800		750
		Intermediate points deg. @ rpm			
		Max deg. @ rpm	30° @ 3000	30° @ 4000	26° @ 4100
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	6	8	6
		Intermediate points, deg @ in Hg			
		Max. deg. in. Hg.	21 @ 14.5	15 @ 15.5	22 @ 12
	Breaker gap (in.)		.019		
	Cam angle (deg.)		31° - 34°	28° - 32°	
	Breaker arm tension (oz.)		19 - 23 oz		
Timing	Crankshaft deg. @ rpm.		4° ± 1° BTC @ 450-500	4° BTC @ 550	6° BTC @ 550
	Mark location		Harmonic balancer		
	Cylinder numbering system (see page 2)		Front to Rear 1-2-3-4-5-6	Left Bank: 1-3-5-7 Right Bank: 2-4-6-8	
	Firing order (see page 2)		1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Spark Plug	Make and model		AC 46N (Long reach)	AC 45	
	Thread (mm)		14		
	Tightening-torque (lb. ft.)		25		
	Gap		.033 - .038		
Cable	Conductor type		Linen core impregnated with electrical conducting material		
	Insulation type		Rubber with Neoprene jacket		
	Spark plug protector		Neoprene		

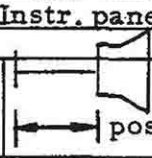
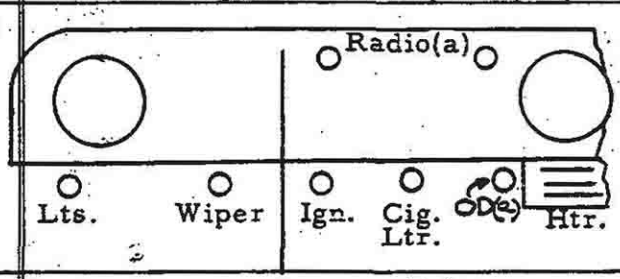
ELECTRICAL—SUPPRESSION

Locations & type	Non-Metallic High Tension Ignition Cables

MAKE OF CAR CHEVROLET MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e) 2-22-65

MODEL 15-16000 Standard Engines | 15300 15400 | 15500 15600 | 16300 16400 | 16500 16600

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	AC	
	Trip odometer (yes, no)	No	
Charge indicator—type		Tell-tale	Gage
Temperature indicator—type		Tell-tale (red, hot; green, cold)	Gage
Oil pressure indicator—type		Tell-tale	Gage
Fuel indicator—type		Electric gage	
Other		Clock (a), vac.gage(16500 and 600), tachometer (a), parking brake alarm (a), cigarette lighter	
Ignition switch	Identify positions in order and circuits controlled	ACCESSORY OFF ON START 	ACCESSORY - accessories (ign off). OFF - off, locked. ON - ignition, batt., accessories. START - starter motor, spring return to ON.
	Provision for illumination	1-1445	
	Location	Instr. panel to right of steering column	
Main lighting sh	Identify positions and lamps controlled	 1st position	 2nd position
		Instr. pnl lmps parking, tail & license lamps.	Instr. pnl lmps hdlps, tail & license lamps.
		 CW rotation	 CCW rotation
		Instr. panel lamps, dim to off.	Instr. pnl lamps off to bright; full CCW rotation, dome lmps, and/or courtesy lamps on.
Other light switches	Locations and lamps controlled	Toe panel - hdlp. hi-beam & hi-beam indicator. Glove compt. - glove compt. lamp (a). Frt. dr. hinge pillars - dome and/or courtesy lamps (a). Steer. column - turn indicators and exterior lamps. Brake pedal pendent - stop lamps. Seat separator compt. - seat separator compt. lamps (16500 & 600). Steer. mast jacket - backup lamps (exc. 16500 & 600 with PG) (a).	
Other switches	Locations and devices controlled		Rt. of st. col., under instru. panel - overdrive control (a). Door & qtr. trim panels - power windows (a). Left of st. col., under instru. panel - power top & tailgate window (a). Frt seat lwr panel, left side - power seats (a).
Windshield wiper	Make	Delco	
	Type	Electric, single-speed (a)	
	Vacuum booster provision	None	
	Washer provision	None (a)	
Horn	Type	Vibrator	
	Number used	2 (a)	
	Amp draw (each)	8.00 - 11.0 @ 12.5V	

(a, OPTIONAL EQUIPMENT: Clock 15000; tachometer, V-8; parking brake alarm 15000; glove compt. lamp 15300 & 400; instru. panel courtesy lamps exc. convertibles & sport coupes (door jam switches included with 15300 & 15400); backup lamps 15000; overdrive; radio; two-spd w/s wiper (including washer); washer for single-spd; low note third horn; power seats (not available 15300 & 400); power windows (not available 15300 & 400); power tailgate window, two seat wagons; Powerglide.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (•) 2-22-6

MODEL	15-16000 Standard Engines	15300	15500	16300	16500
		16500	15600	16400	16600

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Dual, horizontal: outer, 2-4002; inner, 2-4001				
Headlamp beam indicator		1-1895				
Parking		2-1157				
Tail		2-1157	2-67; 2-1157	4-1157		
Stop		2-1157	2-1157	4-1157		
Direction signal	Front	2-1157				
	Rear	2-1157	2-1157	4-1157		
	Indicator	2-1445				
License Plate		1-1155				
Oil pressure indicator		1-1895			Gage	
Charge indicator		1-1895			Gage	
Instrument		5-1895			5-1895	
Clock		2-1895(a)	opt.	2-1895(a)	1-1895	std.
Radio		—	1-1893	—	—	opt.

Indicate also whether the following lamp assemblies are standard equipment, optional, or NA.

Ignition lock	1-1445				std.
Back up	2-1156	opt.	2-1156		std.
Dome	Roof center, 1-211; rear qtr., 2-90; side rail, 2-90				std.
Glove compartment	1-1895 opt.	1-1895			std.
Prkg. brake signal	1-257	opt.	1-257		std.
Luggage compartment	1-1003 (NA wagons)	opt.	1-1003 (NA wagons)		std.
Underhood	1-93				opt.
Courtesy	(d)		(b)	(c)	
Auto. trans. dial indicator	1-1445		opt.	1-1895	opt.
Heater controls	2-1895				std.
Temp. indicator	2-1895		std.	Gage	std.
Vacuum gage	NA			2-1895	std.
Traffic hazard indicator	1-1445				opt.

(a) With tachometer option, clock illuminated with 1-1895.

(b) Inst. panel courtesy opt. except std. 16300 & 400-37 & 67, 2-631; rear qtr. courtesy std. 9-pass. wagon, 1-90

(c) Inst. panel courtesy std., 2-631; seat separator courtesy std., 1-211.

(d) Inst. panel courtesy opt., 2-631; rear qtr. courtesy std. 9-pass. wagon, 1-90.

OTHER LAMPS

Tachometer	1-1895	opt.
Ash tray	1-53	opt.
Spot lamp	inside operated, 4405; portable, 4416	opt.

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MAKE OF CAR CHEVROLET MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e) 2-22-65

MODEL	15-16000 Standard Engines	15300	15500	16300	16500
		15400	15600	16400	16600

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 C. B. (a)	Ash tray lamp	(c)
Headlamp beam indicator	(a)	Courtesy lamp (all)	(b)
Parking lamp	(a)	Heater	AGC 10 (g)
Tail lamp	AGC 15 (b)	Air conditioning	Two AGC 30, one in "(g)"
Stop lamp	(b)	Tachometer	(d)
Direction indicator	AGC 3 (c)	Tachometer lamp	(c)
License plate lamp	(b)	Spot lamp	
Instrument lamp	(c)	inside operated	AGC 15
Ignition lamp	(c)	portable	(b)
Back up lamp	AGC 10 (d)	Underhood lamp	SAE 4
Dome lamp (all)	(b)	Traffic haz. ind.	(b)
Clock	(d)	Defogging unit	(d)
Clock lamp	– (c)	Power windows	40 C. B.
Radio	AGC 2.5 (e)	Power seats	40 C. B.
Glove compartment lamp	(b)	Folding top motor	40 C. B.
Lugg. compt. lamp	(b)	Tailgate motor	40 C. B.
Park. brake alarm	(d)	OD solenoid	AGC 15
Heater controls lamp	(c)		
W viper (single-speed)	SAE 20 (f)		
W/o wiper (two-speed)	"(f)" and 14 C. B.		
Fuel gage	(d)		
Cigarette lighter	(b)		
Oil. temp. & gen. indicators	(d)		
Temp. gage	(d)		
Auto. trans. dial indicator	(c)		

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	29.3 (30.9 wagons)
		Highest	29.3 (30.9 wagons)
	Stop		29.3 (30.9 wagons)
	Backup		29.3 (30.9 wagons)
	License, rear		
	Directional	Front	18.7
		Rear	29.3 (30.9 wagons)
	Headlamp	Inside	26.5
		Outside*	26.5
Distance from C/L of car to center of bulb	Tail	Inside	Impala 18.4 (19.3 wagons) Biscayne, Bel Air 24.6
		Outside	30.7 (31.9 wagons)
	Stop		Impala 18.4, Biscayne, Bel Air 24.6
	Backup		24.6
	License, rear		
	Directional	Front	29.1
		Rear	Impala 18.4, Biscayne, Bel Air 24.6
	Headlamp	Inside	25.1
		Outside*	33.0

*If single headlamps are used enter here.

AMA Specifications – Passenger Car

MAKE OF CAR CHEVROLET MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (e) 2-22-65

MODEL 15-16900 Standard Engines

	L-6		V-8	
	Std. & OD	RPO M-01 Heavy duty	Std. & OD	RPO Z-04 Clutch and 4-spd.

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Chevrolet, single dry disc			(a)
Type pressure plate springs		Diaphragm			(b)
Effective plate pressure (lb.)		1500-1800	1700-1950		2100-2300
No. of clutch driven discs		One			
Clutch facing	Material	Woven type asbs.	(c)	Woven type asbestos	
	Outside & inside dia.	9.12 & 6.12	11.0 & 6.5	10.0 & 6.5	10.4 & 6.5
	Total eff. area (sq. in.)	71.8	123.7	90.7	103.5
	Thickness	.135 ea.			
	Engagement cushioning method	Flat spring steel between facings			
Release bearing	Type & method of lubrication	Single row ball, packed and sealed			
Torsional damping	Methods: springs, friction material	Coil springs			

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	3-speed, standard. 4-spd. opt. with V-8
Manual with overdrive (std. or opt.)	Optional
tomatic (std. or opt.)	Optional

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds			3	4
Transmission ratios	In first		2.94	2.56
	In second		1.68	1.91
	In third		1.0	1.48
	In fourth		---	1.00
	In reverse		2.94	2.64
Synchromesh meshing, specify gears			2nd and 3rd	Forward gears
Shift lever location			Steering column	Floor
Lubricant	Capacity (pt.)		2	2.5
	Type recommended		For conventional axles, Military Spec. MIL-L-2105-B	
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
		Extreme cold	SAE 80	

(a) Chevrolet, single dry disc, centrifugal.
(b) Diaphragm, bent finger design.
(c) RPO M01 has woven type front and molded type rear facings.

AMA Specifications – Passenger Car

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MODEL	15-16000 Standard Engines	L-6	V-8

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)			Planetary
	Manual lockout (yes, no)			Yes
	Downshift accelerator control (yes, no)			Yes
	Minimum cut-in speed			Output shaft RPM: acceleration, 1440; deceleration, 1100
	Gear ratio			.7
	Lubricant	Capacity (pt.) (Overdrive only)		1
		Separate filler (yes, no)		No
		Type recommended		Military Spec. MIL-L-2105-B
		SAE viscosity number	Summer	SAE 80
			Winter	SAE 80
			Ext. cold	SAE 80

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		Powerglide	
Type describe		Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)		Lever, steering column mounted except 16500 and 16600 models floor mounted	
Selector Pattern		P-R-N-D-L	
List gear ratios Selector Pattern and indicate which are used in each selector position		D - 1.82 & 1.0 L & R - 1.82	
Max. upshift speeds—drive range		53	59
Max. kickdown speeds—drive range		49	55
Torque convertor	Number of elements	3	
	Max. ratio at stall	2.10:1	
	Type of cooling (air, water)	Air (a)	Water
Lubricant	Capacity—refill (pt.)	3	
	Type recommended	A, suffix A	
Special transmission features			

DRIVE UNITS—PROPELLER SHAFT

Number used			1	
Type (exposed, torque tube)			Tubular, exposed	
Outer diameter x length* x wall thickness	Manual transmission	3-Speed	3.25 x 62.16 x .065	
		4-Speed	NA	Same as manual 3-speed
	Overdrive transmission		Same as manual 3-speed	
	Automatic transmission		Same as manual 3-speed	

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

(Continued)

Form Rev.

(a) Oil cooling equipment available optionally.

AMA Specifications – Passenger Car

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MODEL	15-16000 Standard Engines	L-6	V-8

DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		---
Universal joints	Make		Chevrolet
	Number used		2
	Type (ball and trunnion, cross, other)		Cross
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubric. (fitting, prepack)	Prepack
Drive taken through (torque tube or arms, springs)			Control arms
Torque taken through (torque tube or arms, springs)			Control arms

DRIVE UNITS—REAR AXLE

Description (see instructions)			Standard; semi-floating, overhung pinion gear
Limited Slip differential, type			Standard with dual disc clutches
Drive Pinion Offset			1.5
No. of differential pinions			Standard, 2; limited slip, 4
Gear ratios (Std. equip.)	Manual transmission		Coupes and sedans, 3.08; convertibles, 3.36; sta. wagons, 3.55. | 15400 and 15600 sedans, 3.08; 16400 except wgns. and 16600 models, 3.36; sta. wgns, 3.31 (a)
	Overdrive transmission		Except wagons, 3.70 Sta. wagons, 3.73
	Automatic transmission		Same as manual
Ring gear O.D. (std. ratio)			3.08, 3.36 & 3.70, 8.125; 3.31, 3.55 & 3.73, 8.875
Pinion adjustment (shim, other)			None
Pinion bearing adj. (shim, other)			Shim
Wheel bearing type			Single row cylindrical roller
Lubricant	Capacity (pt.)		8.125 (ring gear) O.D. -3.5; 8.875 (ring gear) O.D. -4.0
	Type recommended		For conventional axles, Military Spec. MIL-L-2105-B
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		3.08	3.31	3.36	3.55	3.70	3.73
No. of teeth	Pinion	12	13	11	11	10	11
	Ring gear	37	43	37	39	37	41

(a) 4-Spd ratios except wgns, 3.36; wgns. 3.31.

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MODEL 15-16000 Standard Engines

DRIVE UNITS—WHEELS

		Sedans and Coupes	Convertibles	Station wagons
Type & material		Short spoke disc, steel		
Rim (size and flange type)	Std.	14 x 5J		14 x 6JK
	Opt.	14 x 6JK		---
		15 x 5K (with 15 in. tires)		
Attachment	Type (bolt or stud)	Bolt		
	Circle diameter	4.75		
	Number and size	5 hex. nuts, 7/16-20 UNF-2B		

DRIVE UNITS—TIRES Hyway, tubeless, 2 ply, blackwall unless otherwise stated

Standard (List option below)	Size & ply	7.35 x 14-4PR	7.75 x 14-4PR	8.25 x 14-4PR
	Type - Nylon, etc.	Rayon		
Rev/mile at 50 mph.		805	774	755
Inflation press.(cold)	Front	24		
	Rear	24 except wagons 28		
Optional tires – size and ply		(a)	(b)	(c)

BRAKES—SERVICE

			Standard	Metallic (optional)
Type (duo-servo, disc, balanced, etc.)			Duo-servo 4-wheel hydraulic	
Self adjusting (std., opt., N.A.)			Standard reverse	
Hydraulic system type (single, dual, etc.)			Single	
Power brake make & type (remote, integral, etc.)			Bendix, Delco-Moraine vacuum power unit, integral	
Effective area (sq. in.)*			183.4	145.2
Gross lining area (sq. in.)**			198.4	145.2
Swept drum area (sq. in.)***			328.3	
Percent brake effectiveness—front			58.5	
Drum	Diameter	Front	11.0	
		Rear	11.0	
	Type and material		Composite; rim, cast iron; web, steel	
Wheel cylinder bore	Front		1.1875	
	Rear		1.00	
Master cylinder bore			1.00	.875
Available pedal travel			6.48	
Line pressure at 100 lb. pedal load			717	936
Shoe clearance adjustment			Self adjusting	

(Continued)

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

1-"(a)" only: 7.35x14-4PR rayon W/W; 7.75x14-4PR rayon; 7.35x14-4PR (4-ply) nylon.

2-"(a)" and "(b)" only: 7.75x14-4PR(4 ply) nylon B/W or W/W; 7.75x14-4PR rayon W/W; 8.25x14-4PR rayon; 7.75x15-4PR rayon; 7.75x15-4PR (4-ply) nylon; 7.75x15-4PR rayon tube; 7.75x15-4PR (4-ply) nylon tube; 7.75x15-4PR (4-ply) nylon tube (on-off type); 5x15-4PR rayon; 8.15x15-4PR (4-ply) nylon; 7.75x15-8PR ( ) rayon.

3-"(c)" only: 8.25x14-8PR ( ) nylon B/W or W/W.

4-"(a)", "(b)" and "(c)": 8.25 x 14-4PR (4-ply) nylon; 8.25 x 14-4PR rayon W/W.

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MODEL	15-16000 Standard Engines	15300 15400	15500 15600	16300 16400	16500 16600

BRAKES—SERVICE (cont.)

				Standard	Metallic (optional)
Brake lining	Bonded or riveted			Bonded	Welded
	Front Shoe	Material		Molded asbestos	Sintered iron
		Size (length x width x thickness)	Front wheel	9.25 x 2.75 x .168	1.64 x 1.37 x .175
			Rear wheel	9.25 x 2.00 x .168	2.00 x 1.00 x .175
		Segments per shoe		1	1
	Rear Shoe	Material		Molded asbestos	Sintered iron
		Size (length x width x thickness)	Front wheel	11.63 x 2.75 x .168	1.64 x 1.37 x .295
			Rear wheel	11.63 x 2.00 x .168	2.00 x 1.00 x .295
		Segments per shoe		1	Front 12; Rear 10

BRAKES—PARKING

Type of control		Foot pedal apply, "T" handle release
Location of control		Left of steer. column, under instru. panel
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

FRAME or UNITIZED CONSTRUCTION

Type and description: All welded perimeter frame with front crossmember, rear axle upper control arm crossmember, rear shock absorber crossmember, and a rear crossmember. Welded box-construction side rails from front crossmember to aft of rear axle kickup.

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

Provision for car leveling		Front stabilizer bar
Provision for brake dip control		Angle of front upper control arm
Provision for acc. squat control		Geometry of rear suspension
Special provisions for car jacking		Front wheel-place jack just outboard of bumper guard Rear wheel-approx. 2" outboard of bumper joint.
Shock absorber front & rear	Type	Direct, double-acting, hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features		Rear control arms shims for driveline alignment

SUSPENSION—FRONT

Type and description	Independent - SLA type with coil spring and concentric shock absorber and spherically-jointed steering knuckle for each wheel. Lower control arm strut-supported.

(Continued)

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

MAKE OF CAR CHEVROLET MODEL YEAR 1965 DATE ISSUED 9-28-64 REVISED (*) 2-22-65

MODEL	15-16000 Standard Engines	L-6	V-8

SUSPENSION FRONT (cont.)

Spring	Type	coil, right hand helix	
	Material	steel alloy	
	Size (coil design height & I.D. bar length x dia.	11.76 & 3.80; 113.4 x .641	11.76 & 3.80; 141.1 x .636
	Spring rate (lb. per in.)	390	290
	Rate at wheel (lb. per in.)	132	104
	Design load (lb. @ design height)	1520 @ 11.76	1660 @ 11.76
Stabilizer	Type (link, linkless, frameless)	link	
	Material & bar diameter	HR steel; except wgns., .8125; wgns, .9375	

STEERING

Manual (std., opt., NA)				standard
Power (std., opt., NA)				optional
Adjustable steering wheel (tilt, swing, other)		Type and description		tilt: seven position with five inch vertical travel
		(std., opt., NA)		optional
Wheel diameter		Manual		16.5
		Power		16.5
Turning diameter	Outside front	Wall to wall (l. & r.)		44.1
		Curb to curb (l. & r.)		40.8
	Inside rear	Wall to wall (l. & r.)		24.2
		Curb to curb (l. & r.)		24.5
Outside wheel angle with inside wheel at 20°				20.29°
Manual	Gear	Type		semi-reversible, recirculating ball nut
		Make		Saginaw
		Ratios	Gear	24:1
			Overall	28.2:1
	No. wheel turns			5.42 (lock to lock)
Power	Type (coaxial, linkage, etc.)			coaxial
	Make			Saginaw
	Gear	Type		same as manual
		Ratios	Gear	17.5:1
			Overall	19.4:1
	Pump driven by			crankshaft pulley
	Number wheel turns			3.52 (lock to lock)
Linkage	Type			parallelogram
	Location (front or rear of wheels, other)			rear
	Drag link (trans. or longit.)			none
	Tie rods (one or two)			two

(Continued)

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MODEL	15-16000 Standard Engines	L-6	V-8

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7 to 8
	Bearings (type)	Upper	ball stud with non-metallic bearing surfaces
		Lower	ball stud with non-metallic bearing surfaces
		Thrust	none required
Wheel alignment (range and preferred)	Caster (deg.)		N 1/4 to P 3/4 (curb)
	Camber (deg.)		N 1/4 to P 3/4 (curb)
	Toe-in (outside tread-inches)		1/8 to 1/4 total (curb)
Steering spindle & joint type			forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	1.2493-1.2498
		Outer bearing	.7492-.7497
	Thread size		3/4-20 NEF-3 (modified)
	Bearing type		taper roller

SUSPENSION—REAR

Type and description				(a)	
Drive and torq. taken through (see page 17)				control arms	
Spring	Type			coil, right hand helix	
	Material			steel alloy	
	Size (length x width, coil design height and I.D.; bar length & dia.)			12.37 & 4.00; 113.9 x .623	12.37 & 4.00; 126.0 x .590
	Spring rate (lb. per in.)			265	230
	Rate at wheel (lb. per in.)			124.5	108.6
	Design load (lb. at design height)			1095 @ 12.37	1220 @ 12.37
	Mounting insulation type			none	
	If leaf	No. of leaves			
		Inserts	Type and size		
			Material		NA
		Shackle (comp. or tens.)			
Stabilizer	Type (link, linkless, frameless)			none	
	Material			---	
Track bar type				lateral, frame to rear axle	

(a) Link type: except wagons, 2 lower control arms, 1 upper control arm, and tie rod; wagons, 2 upper and 2 lower control arms, and tie rod; support integral rear beam consisting of cast iron differential carrier and pressed in axle shaft housings.

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MODEL 15-16000 Standard Engines	SEDANS 2-DR.	SEDANS 4-DR.	SPORT SEDANS	SPORT COUPES	CONVERTIBLES	STATION WAGONS

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front), rear)	Front doors	Front					
	Rear doors	Front					
Type of finish (lacquer, enamel, other)		Acrylic Lacquer					
Hood counterbalanced (yes, no)		Yes					
Hood release control (internal, external)		External					
Vehicle (Serial) No. Location		Left front body hinge pillar					
Engine No. Location		On pad, front right hand side of cylinder block					
Theft protection - type		Shielded ignition lock terminals, key removable in "Off" position					
Vent window control method (crank, friction pivot)	Front	Crank					
	Rear	None					
Seat cushion type	Front	Formed wire and foam pad					
	Rear	Formed wire and foam pad					
	3rd seat	----				Wire & foam pad	
Seat back type	Front	Formed wire and cotton					
	Rear	Formed wire and cotton					
	3rd seat	----				Wire&cotton	
Windshield glass type (i.e., solid curved - laminated plate)		Single curved, laminated					
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Compound curve, solid tempered plate (a)					
Side glass type (i.e., curved - tempered plate)		Curved, safety-solid plate					
Side glass exposed surface area		1383.7	1366.2	1411.1	1333.8	1353.2	2572.3
Windshield glass exposed surface area		1448.1		1384.3	1384.3	1384.3	1448.1
Backlight glass exposed surface area		1173.5		1213.6	1381.0	813.0	925.9
Total glass exposed surface area		3987.8	4005.3	4009.0	4099.1	3550.5	4945.3

BODY—CONVENIENCE EQUIPMENT (Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	Optional					
	Vent Windows	NA					
	Backlight or tailgate	Standard on 9-passenger wagon, optional on 6-passenger					
Power seats (specify type as well as availability)		6 way electric, optional					
Reclining front seat back		NA					
Front seat headrest		NA					
Radios (specify type as well as availability)		Push button, manual, AM-FM optional					
Rear seat speaker		Optional					
Power Antenna		Optional					
Clock		Standard on 163-164-165-16600; Optional on 153-154-155-15600					
Air conditioner (specify type & availability)		All weather, optional					

(a) Flat tempered plate on convertible.

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WEIGHTS

	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear			
				Front	Rear	Front	Rear		
Model		230	283					230	283
Biscayne									
15311 15411		3450	3610	30	70			3305	3455
15335 15435		3935	4080	30	70			3765	3900
15369 15469		3510	3670	30	70			3365	3515
Bel Air									
15511 15611		3455	3620	30	70			3310	3460
15535 15635		3935	4085	30	70			3765	3905
15545 15645		3980	4130	22	78			3810	3950
15569 15669		3525	3685	30	70			3380	3530
Impala									
16335 16435		3995	4140	30	70			3825	3960
16337 16437		3530	3680	37	63			3385	3525
16339 16439		3635	3785	30	70			3490	3630
16345 16445		4035	4185	22	78			3865	4005
16367 16467		3615	3765	37	63			3470	3605
16369 16469		3605	3750	30	70			3460	3595
Impala Super Sport									
16537 16637		3580	3730	37	63			3435	3570
16567 16667		3650	3800	37	63			3505	3645

Accessories & Equipment Differential Weights	230	283	Remarks
Air Conditioning	+ 122	+ 120	
Brakes, Power	+ 11	+ 10	
Heater, Delete	- 22	- 22	
Radio, Manual	+ 7	+ 7	
Radio, Push Button	+ 9	+ 9	
Radio, Push Button AM-FM	+ 10	+ 10	
Seat, Power	+ 22	+ 22	
Steering, Power	+ 31	+ 31	
Transmission, Overdrive	+ 34	+ 34	
Transmission, Powerglide	+ 16	+ 19	
Windows, Power	+ 19	+ 19	
Caprice Equip. (Model 16439 only)	--	+ 34	

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

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