

AMA Specifications—Passenger Car

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MANUFACTURER	Service Operations Department Chevrolet Motor Division	CAR NAME	CHEVY II
MAILING ADDRESS	General Motors Building Detroit Michigan 48202	MODEL YEAR	1966
		ISSUED:	10-7-65
		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 standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.

TABLE OF CONTENTS

General Specifications 1,2	Drive Units 14	Suspensions 21
Engine-Mechanical 3	Brakes 18	Weights 24
Electrical 12	Steering 19	Index 25

BODY—TYPES AND STYLE NAMES—

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

	Optional 230 Cu. In. L-6 RPO-L-26	Optional 327 Cu. In. V-8 RPO-L-30 RPO-L-79
Chevy II 100		
2-Door Sedan, 6 Passenger	11311	11411
4-Door Station Wagon, 2 Seat	11335	11435
4-Door Sedan, 6 Passenger	11369	11469
Nova		
4-Door Station Wagon, 2 Seat	11535	11635
2-Door Sport Coupe, 5 Passenger	11537	11637
4-Door Sedan, 6 Passenger	11569	11669
Nova SS		
2-Door Sport Coupe, 4 Passenger	11737	11837

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 101

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.	11300-500-700 230 Cu In L-6 140 HP RPO-L26	11400-600-800 327 Cu In V-8 275 HP RPO-L30 350 HP RPO-L79
Wheelbase (L101)			110.0	
Track	Front (W101)		56.8; Station Wagons 56.3	
	Rear (W102)		56.3; Station Wagons 55.8	
Maximum Overall Dimensions	Length (L103)		183.0; Station Wagons 187.4	
	Width (W103)		71.3	
	Height (H101)		Sedans 55.1; Coupes 52.8*; Station Wagons 55.7	
Transmission (Specify trade name - opt., not available)	Manual - 3 speed	15	Standard	
	Manual - 4 speed	15	NA	Optional
	Overdrive	15	NA	
	Automatic	16	Powerglide - optional	NA
Axle ratio	Manual - 3 speed	17	3.08(a)	3.08 3.07
	Manual - 4 speed	17	NA	3.08 3.31
	Overdrive	17	NA	
	Automatic	17	3.08(a)	3.08 NA
Tire size		18	6.50 x 13 (b)	6.95 x 14-4 (c) 6.95 x 14-8 (d)
Engine	Type, no. cyl., valve arr.	3	6 Cyl. OHV	90° OHV V-8
	Fuel system (Carb., other)	10	Carburetor	
	Bore and stroke	3	3.875 x 3.25	4.001 x 3.250
	Piston displ., cu. in.	3	230	327
	Std. compression ratio	3	8.5:1	10.5:1 11.0:1
	Max. bhp at engine rpm	3	140 @ 4400	275 @ 4800 350 @ 5800
	Max. torque at rpm	3	220 @ 1600	355 @ 3200 360 @ 3600

* 53.8 on 117-11837

(a) Station Wagons 3.36

(b) with L-6 model sedans and Nova Sport Coupe

(c) V-8 model sedans and Nova Sport Coupe; Nova SS with L-6 or V-8 engine

(d) All station wagons.

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^{NO}

GENERAL SPECIFICATIONS—DIMENSIONS

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

MODEL	SAE Ref. No.	Sedans		Sport Coupes		Wagons
		2-Dr.	4-Dr.	BN	BKT	

FRONT COMPARTMENT

Shoulder room	W3			55.3		
Hip room	W3			59.2		
Max. eff. leg room - accelerator	L34	40.7		41.0		40.5
Effective head room	H61	38.8		37.4	37.2	38.8
H Point to Heel point	H30	9.1				9.3

REAR COMPARTMENT

Shoulder room	W4	54.6	55.2	53.8		55.3
Hip room	W6			58.6		59.0
Minimum effective leg room	L51	35.5	36.2	31.2	31.0	37.7
Effective head room	H63	37.3		36.4		38.2

LUGGAGE COMPARTMENT

Useful luggage capacity	V1	13.0				--
Lift-over height	H195	23.2		21.9	22.3	24.7
Position of spare tire storage		Horz., Trunk Floor				Ver. RR Quarter
Method of holding lid open		Torsion Bars Counterbalanced				--

STATION WAGON—THIRD SEAT

Hip room	W86					
Effective leg room	L86			None		
Effective head room	H86					
Seat facing direction						

STATION WAGON—CARGO SPACE

MODEL	SAE Ref. No.	113-114-115-11635
Minimum distance between wheel houses at floor level	W201	42.8
Rear end opening width at belt	W204	47.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	86.0
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	73.2
Maximum height - floor covering to headlining at centerline of rear axle	H201	32.6
Maximum height of rear opening - tail and lift gates open	H202	28.7
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	76.2

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	(4)
	11300-500-700				11400-600-800		
	230 Cu. In. L-6				327 Cu. In. V-8		
MODEL	140 HP RPO-126	275 HP RPO-130	350 HP RPO-179				

ENGINE—GENERAL

Type, no. cyls., valve arr.	In-line 6 OHV	90° OHV V-8	
Bore and stroke (nominal)	3.875 x 3.25	4.001 x 3.250	
Piston displacement, cu. in.	230	327	
Bore spacing (C/L to C/L)	4.40		
No. system	L. Bank	1-2-3-4-5-6	1-3-5-7
(front to rear)	R. Bank	(In-line)	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	10.5:1	11.0:1
Cylinder Head Material	Cast alloy iron		
Cylinder Block Material	Cast alloy iron		
Cylinder Sleeve-Wet, dry, none	None		
Number of	Front	Two	
mounting points	Rear	One	
Engine installation angle	3° 51'		
taxable $\frac{\text{Dia}^2 \times \text{No. Cyl.}}{2.5}$ horsepower	36.0	51.2	
Publishing max. bhp* @ eng. RPM	140 @ 4400	275 @ 4800	350 @ 5800
Publishing max. torque* (lb. ft. @ RPM)	220 @ 1600	355 @ 3200	360 @ 3600
Recommended fuel regular - premium	Regular	Premium	
Idle speed (spec. neutral or drive)	Manual	500 in neutral	700 in neutral
	Automatic	500 in drive	NA

ENGINE—PISTONS

Material	Cast aluminum alloy		Alum. impact extruded
Description and finish	Flat head; notched; slipper skirt		
Weight (piston only) oz.	20.32	21.60	20.40
Clearance (limits)	Top land	.035-.044	.0365-.0455
	Skirt	Top	.0395-.0425
		Bottom	.0039-.0045(c)
Ring groove depth	No. 1 ring	.2153-.2218	.2217-.2283
	No. 2 ring	.2153-.2218	.2217-.2283
	No. 3 ring	.2093-.2158	.2038-.2103
	No. 4 ring		

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

- (a) Measured 2.44 from top of piston
- (b) Measured 2.24 from top of piston
- (c) Measured 2.20 from top of piston

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(N)

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio)			
	Displ. cu. in.	Carburetor	Comp. Ratio	BHP @ RPM	Torque @ RPM		A	B	C	D
11300 11500 11700	230 *	1-Bbl Down- draft	8.5:1	140 @ 4400	220 @ 1600	Sedans & Coupes 3-Speed Powerglide* Station Wagons 3-Speed & Powerglide*	3.08 3.08 3.36	3.36 --- ---	--- --- ---	3.36 3.36 3.36
11400 11600 11800	327 *	4-Bbl	10.5:1	275 @ 4800	355 @ 2800	3-Speed 4-Speed* Powerglide*	3.08 3.08 3.08	--- --- ---	--- --- ---	3.31 3.31 3.31
		4-Bbl	11.0:1	350 @ 5800	360 @ 3600	3-Speed 4-Speed (2.52)* 4-Speed (2.20)*	3.07 3.31 3.31	--- --- ---	--- --- 3.55	3.31 3.31 ---
* - Optional # - Positraction axles available for axle ratios as shown A - General purpose - standard B - Special purpose or mountain - optional C - Performance - optional D - Air conditioning - optional										

AMA Specifications—Passenger Car

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MODEL		11300-500-700 230 Cu. In. L-6 140 HP RPO-L26		11400-600-800 327 Cu. In. V-8 275 HP RPO-L30		350 HP RPO-L79	

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, coating, etc.	Cast alloy iron, inside bevel Upper: Chrome plate face; RPO L79 Molybdenum filled groove face Lower: Wear resistant, RPO L79 Chrome plated (a)
	Width	Upper .0775-.0780 Lower .0770-.0775
	Gap	.010-.020 Upper .013-.023 Lower .013-.025
Oil	Description - material, coating, etc.	Multi-piece (2 rails and 1 spacer expander) Rails - steel, chrome plated OD; Expander - stainless steel
	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	None
	In rod or piston Material	---
Clearance	In piston	.00015-.00025
	In rod	
Direction & amount offset in piston		Mz or thrust side .060

ENGINE—CONNECTING RODS

Material		Drop forged steel	
Weight (oz.)		12.50	14.56
Length (center to center)		5.699-5.702	
Bearing	Material & Type	Copper lead alloy or sintered copper nickel	Premium aluminum
	Overall length	.807	
	Clearance (limits)	.0007-.0027	.0007-.0028
	End play	.009-.013	

(a) RPO-L30 lower ring - one ring and one expander

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED	(M)
			11300-500-700				11400-600-800
			230 Cu. in. L-6				327 Cu. in. V-8
MODEL			140 HP RPO-L26		275 HP RPO-L30		350 HP RPO-L79

ENGINE—CRANKSHAFT

Material		Cast nodular iron	Forged steel	
Vibration damper type		Rubber mounted inertia damper		
End thrust taken by bearing (No.)		7	5	
Crankshaft end play		.002-.006		
Main bearing	Material & type		Copper lead alloy or sintered copper nickel	Premium aluminum except No. 5 upper sintered copper nickel
	Clearance		.0003-.002 ^a	(#1-4) .0008-.0034; (#5) .0010-.0036
	Journal dia. and bearing overall length	No. 1	2.3004 x .752	2.3013 x .752
		No. 2	2.3004 x .752	2.3009 x .752
		No. 3	2.3004 x .752	2.3009 x .752
		No. 4	2.3004 x .752	2.3009 x .752
		No. 5	2.3004 x .752	2.3006 x 1.1824
		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

ENGINE—CAMSHAFT				
Location		Above and 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		Chain	
	Crankshaft gear or sprocket material		Steel sprocket	
	Camshaft gear or sprocket material		Cast alloy iron	
	Timing chain	No. of links	None	40
		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	Crankshaft pulley	Torsional damper	

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)
 11300-500-700 11400-600-800
 230 Cu. In. L-6 327 Cu. In. V-8
 MODEL 140 HP RPO-L26 275 HP RPO-L30 350 HP RPO-L79

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	62°	32° 30'	54°
		Closes (°ABC)	94°	87° 30'	108°
		Duration-deg.	336°	300°	342°
	Exhaust	Opens (°BBC)	92° 30'	75° 30'	102°
		Closes (°ATC)	63° 30'	45° 30'	60°
		Duration-deg.	336°	300°	342°
Valve opening overlap		125° 30'	78°	114°	
Intake	Material		Alloy steel		
	Overall length		4.902-4.922	4.870-4.889	
	Actual overall head dia.		1.715-1.725	1.935-1.945	2.017-2.023
	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	.4472
	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	High alloy steel (aluminized face)	
	Overall length		4.913-4.933	4.913-4.933	4.891-4.910
	Actual overall head dia.		1.495-1.505		1.595-1.605
	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	.4472
	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 (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Nozzle
	Cylinder walls	Centrifugally oiled from camshaft bearing
Pressure, jet cross sprayed		

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)
 11300-500-700 11400-600-800
 230 Cu. In. L-6 327 Cu. In. V-8
 MODEL 140 HP RPO-L26 275 HP RPO-L30 300 HP RPO-L79

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Gear
Normal oil pressure (lb. @ engine rpm)	30-45 PSI @ 1500
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)	Element
Capacity of crankcase, less filter-refill (qt.)	4
Oil grade recommended (SAE viscosity and temperature range)	32° F. and above . . . SAE20W, SAE20 or SAE10W-30 0° F. and above . . . SAE10W or SAE10W-30 Below 0° F. SAE5W or SAE5W-20
Engine Service Requirement (MM, MS, etc.)	

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single with cross-over	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One; reverse flow	One, reverse flow with resonator	Two; reverse flow with resonators
Exhaust pipe dia. (O.D., wall thickness)	Branch Main	2.00 x .067-.081	2.50 x .073-.091
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	Optional	Ventilates to induction system
Make and model			
Location			At carburetor base
Energy source (manifold vacuum, carburetor air stream, other)			Manifold vacuum
Control Unit			Variable orifice
Discharges (to intake manifold, carb. air intake, air cleaner intake, other)			Intake manifold
Complete system			Breather cap
Flame arrestor (screen, check valve, other)			Screen

* SAE5W-30 can be used as an alternate for 5W, 5W-20 or 10W-30

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 00

MODEL 11300-500-700 11400-600-800
230 Cu. In. L-6 327 Cu. In. V-8
140 HP RPO-L26 275 HP RPO-L30 300 HP RPO-L79

ENGINE—EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, ether)		Air injection		
Air Injection Pump	Type	Semi-articulated vane type		
	Displacement	19.3 Cubic inches		
	Drive ratio	1.25:1		
	Drive type	Crankshaft pulley		
	Relief valve (type)	Pressure (plate type)		
	Filter (describe)	None (clean air drawn from air cleaner)		
Air Injection System	Air distribution (head, manifold, etc.)	Head	Manifold	
	Point of entry	Exhaust ports		
	Injection tube I.D.	.3125		
	Check valve type	Pressure (plate type)		
	Backfire protection (type)	Vacuum actuated anti-backfire valve		
Carburetor	Make	Carter	Rochester	
	Model	3880861	7036203	
	Barrel size	1.56	1.39(P). 2.25(S)	
	Idle speed	Drive	500 Powerglide Transmissions	NA
		Neutral	500 Manual Transmissions	700
Distributor	Aux. Adv. Systems (type)			
	Make	Delco-Remy		
	Model	1110362	1111152	
	Cent'gal adv. in crank degrees @ eng. rpm.	Start (rpm)	900	
		Intermed. points deg. @ rpm		
		Max. deg. @ rpm.	30 @ 3200	26 @ 4100
	Vacuum adv. in. crank degrees @ eng. rpm	Start (in. Hg.)	6	8
		Intermed. points deg. @ in. Hg.		
		Max. deg. @ in.	21 @ 14.5	15 @ 15.5
	Vacuum Source	15 @ 12		
Timing Crank degrees @ rpm	4° BTDC @ 500	8° BTDC @ 500	10° BTDC @ 700	
Cooling System (describe changes)	Radiator shroud added			
Exhaust System (describe changes)				

(a) Powerglide Models - 230 Cu. In. (3880860); 327 Cu. In. RPO L30 (7036202)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(M)
 MODEL 11300-500-700 11400-600-800
230 Cu. In. L-6 327 Cu. In. V-8
140 HP RPO-L26 275 HP RPO-L30 350 HP RPO-L79

ENGINE—FUEL SYSTEM

(See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.				Carburetor	
Fuel Tank	Refill capacity (gals.)	16 (approximately)			
	Filler location	In left rear quarter panel			
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	5.00-6.50 PSI	
Vacuum booster (std., optional, none)		None			
Fuel Filter	Type	Fine mesh plastic strainer in gas tank and			
	Locations	sintered bronze filter in carburetor inlet			
Carburetor	Choke type	Automatic			
	Intake manifold heat control (exhaust or water)	Exhaust			
	Air cleaner type	Standard	Polyurethane	Oil wetted paper element	
		Optional			

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
11300 11500 11700	230	3-Speed Powerglide	Rochester	7025003	One; single barrel	1.56
			Rochester	7025000		
11400 11600 11800	327 275HP	3-Speed & 4-Speed	Holley	3876747	One; 4-bbl.	1.562 (P&S)
			Carter	3876749		
			Rochester	7026203	Quadrajet	1.39(p)2.25(s)
		Powerglide	Holley	3875964	One; 4-bbl.	1.562 (p & s)
			Carter	3875966		
			Rochester	7026202	Quadrajet	1.39(p)2.25(s)
	327 350HP	3-Speed & 4-Speed	Holley	3877413	One	1.561 (p & s)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^{MA}
 11300-500-700 11400-600-800
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ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)	Pressure		
Radiator cap relief valve pressure	15 ± 1 PSI		
Circulation Type (choke, bypass)	Choke		
thermostat Starts to open at (°F)	177° - 183° F.		
Type (centrifugal, other)	Centrifugal		
Water pump GPM @ 1000 pump rpm	60 @ 4400	57 @ 4400	
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)	Tube on center		
Cooling system capacity With heater (qt.)	12	15	16
Without heater (qt.)	11	14	15
Opt. equipment—specify (qt.)	12	18	17
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	None
Fan	Number of blades & spacing	4-staggered	5-staggered
	Diameter	17.62	18.00
	Ratio-fan to crankshaft rev.	.949:1	
	Fan cutout type	None	(a)
	Bearing type	Double row ball	
*Drive belts (indicate belt used by letter)	Fan	A	D
	Generator or alternator	A	D
	Water Pump	A	D
	Power Steering	B	E
	Air Conditioning	C	F

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V			38° - 42°								
Nominal length (SAE)	39.00	49.50	53.75	53.50	35.00	56.75					
Width			.380 ± .005								

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)
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ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model		Delco-Remy 1980554	Delco-Remy 1980558
	Voltage Rtg. & Total Plates		12 Volt - 66 Plate	
	SAE Designation & Amp Hr. Rtg.		44 Amp/Hr @ 20 Hr	61 Amp/Hr @ 20 Hr rate
	Location		Right front engine compartment	
Generator or Alternator	Terminal grounded		Negative	
	Make		Delco-Remy	
	Model		1100693	
	Type and rating		Diode rectified - 37 amps	
	Output at engine idle (neutral)		13 amps	
Regulator	Ratio—Gen. to Cr/s rev.		2.46:1	
	Make		Delco-Remy	
	Model		1119515	
	Type		Vibrator	
	Circuit 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	#1107320
	Rotation (drive end view)		Clockwise	
	Engine cranking speed			
	Test conditions		Engine at operating temperature	
	No load test	Amps	49-76	65-100
Volts		10.6	10.6	
RPM (min)		6200-9400	3600-5100	
Motor control	Switch (solenoid, manual)		Solenoid	
	Starting procedure		3-Speed and 4-Speed - place gear shift in neutral and depress clutch. 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, release as soon as engine starts.	

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ⁽⁶⁾
 11300-500-700 11400-600-800
 230 Cu. In. L-6 327 Cu. In. V-8
 MODEL 140 HP RPO-L26 275 HP RPO-L30 350 HP RPO-L79

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type			Positive shift solenoid	
	Pinion meshes (front, rear)			Rear	
	Number of teeth	Pinion		9	
		Flywheel	Manual	153	
			Auto	153	
	Flywheel tooth face width	Manual	.4010-.4130		N.A.
		Auto.	.4010-.4130		

ELECTRICAL—IGNITION SYSTEM

Coil	Transistorized - Std., Opt., N.A.		N.A.		Optional
	Make		Delco-Remy		
	Model		#1115208	#1115039	
	Amps	Engine stopped	4.0		
Distributor		Engine idling	1.8		
	Make		Delco-Remy		
	Model		#1110362	#1111152	#1111154
	Cent'gal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	900	900	
		Intermediate points deg. @ rpm.			
		Max. deg. @ rpm.	30 @ 3200	26 @ 4100	30 @ 5100
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in. Hg.)	6.00	8.00	6.00
		Intermediate points, deg. @ in. Hg.			
		Max. deg. in. Hg.	21 @ 14.5	15 @ 15.5	15 @ 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° @ 500	8° @ 500	5° @ 700
	Mark location		Torsional damper		
Spark Plug	Make		AC spark plug		
	Model		AC46N (long reach)	AC 44	
	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		Hypalon jacket		

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(a)
11300-500-700 11400-600-800
 MODEL 230 Cu. In. L-6 327 Cu. In. V-8
3-Speed 4-Speed

ELECTRICAL—SUPPRESSION

Locations & type

Non-metallic high tension ignition cables

ELECTRICAL—INSTRUMENTS AND EQUIPMENT

Speedometer	Make	AC
	Trip odometer (yes, no)	N.A.
Charge indicator—type		Tell-Tale
Temperature indicator—type		Tell-Tale
Oil pressure indicator—type		Tell-Tale
Fuel indicator—type		Electric gage
Other		None
Windshield wiper	Make	Delco
	Type—Standard	Electric, two-speed
	Type—Optional	None
	Vacuum booster provision	None
	Washer provision	Push-button - standard
Horn	Type	Vibrator
	Number used	Two
	Amp draw (each)	8.00-11.0 @ 12.5V

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Chevrolet single dry disc	Chevrolet dry disc centrifugal
Type pressure plate springs		Diaphragm	Diaphragm, bent finger design
Total spring load (lb.)		1700-1950	2100-2300
No. of clutch driven discs		One	
Clutch facing	Material	Woven type asbestos	
	Outside & inside dia.	9.12 & 6.12	10.4 & 6.5
	Total eff. area (sq. in.)	71.8	103.5
	Thickness	.135 each	
	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	

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(a)

230 Cu. In. L-6 11100-300-500

327 Cu. In. V-8 11400-600-800

MODEL

DRIVE UNITS—TRANSMISSIONS

Manual 3-speed (std. or opt.)	Standard
Manual 4-speed (std. or opt.)	N.A. with 230 Cu. In. L-6; Optional with 327 Cu. In. V-8
Manual with overdrive (std. or opt.)	N.A.
Automatic (std. or opt.)	Optional with 230 Cu. In. L-6 and 327 Cu. In. V-8 RPO-L30 N.A. with 327 Cu. In. V-8 RPO-L79

DRIVE UNITS—MANUAL TRANSMISSION

DRIVE UNITS—MANUAL TRANSMISSION				327 Cu. In. V-8		
Number of forward speeds		230-L6	327-V8	L30(M20)	L79(M20)	L79(M21)
		3-Speed		4-Speed		
Transmission ratios	In first	2.85	2.54	2.54	2.52	2.20
	In second	1.68	1.50	1.80	1.88	1.64
	In third	1.00	1.00	1.32	1.46	1.27
	In fourth	--	--	1.00	1.00	1.00
	In reverse	2.95	2.63	2.54	2.59	2.26
Synchronous meshing, specify gears		All forward gears				
Shift lever location		Steering column			Floor	
Lubricant	Capacity (pt.)	2.0		2.5		
	Type recommended	Military Spec MIL-L-2105-B				
	SAE viscosity number	Summer	SAE 80			
		Winter	SAE 80			
		Extreme cold	SAE 80			

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

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

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED ^(a)
		11100-300-500			11400-600-800	
		230 Cu. In. L-6			327 Cu. In. V-8	
MODEL		140 HP RPO-L26			275 HP RPO-L30	

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	Powerglide	
Type describe	Torque converter with planetary gears	
Method of Selection (Lever, Push Button or other)	Lever: floor mounted when used with bucket seats on 11700 & 11800 models	
Selector Pattern	P-R-N-D-L	
List gear ratios Selector Pattern and indicate which are used in each selector position	Drive 1.82 & 1.00 Low & Reverse 1.82	Drive 1.76 & 1.00 Low & Reverse 1.76
Max. upshift speeds—drive range	53	58
Max. kickdown speeds—drive range	49	54
Torque converter	Number of elements	3
	Max. ratio at stall	2.40
	Type of cooling (air, liquid)	Air (a)
Lubricant	Capacity—refill (qt.)	3
	Type recommended	A suffix A
Special transmission features		

DRIVE UNITS—PROPELLER SHAFT

Number used	One	
Type (exposed, torque tube)	Exposed, unsupported	
Outer diameter x length* x wall thickness	Manual 3-speed transmission	2.75 x 51.98 x .065
	Manual 4-speed transmission	N.A. (b)
	Overdrive transmission	N.A.
	Automatic transmission	2.75 x 51.98 x .065

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

(Continued)

(a) 0.1 cooler equipment available optionally

(b) 3.50 x 51.98 x .065

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 00

MODEL 230 L-6 327 V-8

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		--
Universal joints	Make		Chevrolet
	Number used		Two
	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)			Leaf spring
Torque taken through (torque tube or arms, springs)			Leaf spring

DRIVE UNITS—REAR AXLE

Description			Semi-floating, overhung pinion gear
Limited Slip differential, type			Dual disc clutches
Drive Pinion Offset			1.5
No. of differential pinions			Two
Ring gear O.D. (std. ratio)			8.125
Pinion adjustment (shim, other)			None
Pinion bearing adj. (shim, other)			Shim
Wheel bearing type			Single row cylindrical roller
Lubricant	Capacity (qt.)		3.5
	Type recommended		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 4 for axle ratio usage)

Axle ratio		3.08	3.36
No. of teeth	Pinion	12	11
	Ring gear	37	37

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED ^(a)
			113-11500			114-116-117
MODEL			11100 Exc. Wagons	Wagons		11800 Exc. Wagons

DRIVE UNITS—WHEELS

Type & material		Short spoke disc.	steel
Rim (size and flange type)	Std.	13 x 4J	14 x 5J
	Opt.	14 x 5J with opt. 6.95 x 14-4PR	
Attachment	Type (bolt or stud)	Bolt	
	Circle diameter	4.75	
	Number and size	5 hex nuts, 7/16-20 UNF - 2B	

DRIVE UNITS—TIRES

Standard (list option below)	Size & ply	6.50 x 13-4(a)	6.95 x 14-4(b)	6.95 x 14-8(c)
	Type - Nylon, etc.	Rayon		
Rev./mile at 50 mph.		852	829	816
Inflation press. (cold)	Front	24	24	24
	Rear	24	28	24
Optional tires - size and ply		6.50 x 13-4 W/W	6.95 x 14-4 PR	6.95 x 14-8 PR
		6.95 x 14-4 B/W & W/W	W/W	W/W
		(inc. 14 x 5J wheels)		

BRAKES—SERVICE

		Standard	Metallic (opt.)
Type (dual-servo, disc, balanced, etc.)		Duo-Servo 4-wheel hydraulic	
Self-adjusting (std., opt., N.A.)		Reverse self-adjusting-std.	
Hydraulic system type (single, dual, etc.)		Single	
Power brake make & type (remote, integral, etc.)		Bendix, Delco-Moraine vacuum power unit assists master cylinder integral	
Effective area (sq. in.) *		168.9	118.1
Gross lining area (sq. in.) **		168.9	118.1
Swept drum area (sq. in.) ***		268.6	
Percent brake effectiveness—front		59.4	
Drum or Rotor	Diameter	Front	9.5
		Rear	9.5
	Type and material	Composite; cast iron rim; steel web	
	Rotor (vented or solid)	--	
Wheel cylinder bore	No. pistons per caliper	--	
	Front	1.06	
	Rear	.875	
Master cylinder bore		1.0	.875
Available pedal travel		6.4	
Line pressure at 100 lb. pedal load		815	1064
Shoe clearance adjustment		Self-adjusting	

* Excludes rivet holes, grooves, chamfers, etc.

(Continued)

** Includes rivet holes, grooves, chamfers, etc.

*** Total swept area for four brakes:

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

(a) L-6 model sedans and Nova Sport Coupe

(b) V-8 model sedans and Nova Sport Coupe; Nova SS with L-6 or V-8 engine

(c) All station wagons

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(*)

MODEL _____

BRAKES—SERVICE (cont.)

Brake lining	Drum or Disc		Standard	Metallic (Optional)
	Bonded or riveted		Bonded	Welded
	Front Wheel	Material	Molded asbestos	Sintered iron
		Size (length x width x thickness)	9.01 x 2.5 x .17	1.64 x 1.25 x .175
		Prim. or out-board		
		Second. or in-board	9.01 x 2.00 x .17	1.64 x 1.00 x .175
		Segments per shoe	One	6
	Rear Wheel	Material	Molded asbestos	Sintered iron
		Size (length x width x thickness)	9.75 x 2.5 x .20	1.64 x 1.25 x .285
		Prim. or out-board		
		Second. or in-board	9.75 x 2.0 x .20	1.64 x 1.00 x .285
		Segments per shoe	One	10

BRAKES—PARKING

Type of control		Mechanical
Location of control		Under instrument panel to right of steering column
Operates on		Rear wheels
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--
		--

FRAME

Type and description (Separate frame, unitized frame, partially unitized frame)	Unitized front end and body proper rigidly bolted together. Frame members incorporated into front end and body.
---	---

STEERING

Manual (std., opt., NA)			Standard
Power (std., opt., NA)			Optional
Adjustable steering wheel (tilt, swing, other)		Type and description	N. A.
		(std., opt., NA)	
Wheel diameter		Manual	16.24
		Power	16.24
Turning diameter	Outside front	Wall to wall (l. & r.)	39.5
		Curb to curb (l. & r.)	38.4
	Inside rear	Wall to wall (l. & r.)	23.5
		Curb to curb (l. & r.)	23.8
Outside wheel angle with inside wheel at 20°			18.7°
Manual	Gear	Type	Semi-reversible, recirculating ball nut
		Make	Saginaw
		Ratios	20:1
		Gear Overall	25.4:1
	No. wheel turns		4.50 (lock to lock)

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED 001

MODEL _____

STEERING (cont.)

Power	Type (coaxial, linkage, etc.).			Linkage
	Make			Saginaw
	Gear	Type		Same as manual
		Ratios	Gear	20.0:1
			Overall	25.4:1
	Pump driven by			Crankshaft pulley
Number wheel turns			4.50 (lock to lock)	
Linkage	Type			Parallelogram
	Location (front or rear of wheels, other)			Rear of wheels
	Drag link (trans. or longit.)			None
	Tie rods (one or two)			Two
Steering Axis	Inclination or camber (deg.)			6-1/2 to 7-1/2
	Bearings (type)	Upper	Ball stud with sintered iron bearing	
		Lower	Ball stud with sintered iron bearing & phenolic seat	
		Thrust	None	
Wheel Alignment (range at curb weight and preferred)	Caster (deg.)			P1/2 to P1-1/2
	Camber (deg.)			0 to P1
	Toe-in (outside track inches)			1/4 to 3/18 total
Steering spindle & joint type				Steering knuckle with spherical joints
Wheel spindle	Diameter	Inner bearing	1.2492-1.2498	
		Outer bearing	.7491-.7497	
	Thread size			3/4-20 NEF-3 (Mod)
	Bearing type			Taper roller

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVY II	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED (a)
MODEL		230 L-6		327 V-8		

SUSPENSION—GENERAL

(See Supplemental page for details on Air Suspension)*

Provision for car leveling	Front stabilizer bar on all V-8 models & L6 wagons
Provision for brake dip control	Mounting angle of front upper control arm
Provision for ecc. squat control	None
Special provisions for car jacking	Place jack just outboard of respective bumper bolt
Shock absorber front & rear	Type Direct, double-acting, hydraulic
	Make Delco
	Piston dia. 1.00
Other special features	Single leaf rear springs

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.
Spring	Type Coil, RH helix
	Material Steel alloy
	Size (coil design height & I.D.; bar length x dia.) 9.20 & 3.80, 106.61 x .562
	Spring rate (lb. per in.) 250
	Rate at wheel (lb. per in.) 101
Stabilizer	Type (link, linkless, frameless) Link (a)
	Material & bar diameter Steel, .867

SUSPENSION—REAR

Type and description	Hotchkiss with two single leaf springs
Drive and torque taken through	Leaf springs
Spring	Type Single leaf
	Material Chrome carbon steel
	Size (length x width, coil design height & I.D.; bar length & dia.) 62.5 x 2.25 (width @ C/L of axle)
	Spring rate (lb. per in.) 95
	Rate at wheel (lb. per in.) 102
	115
	121
	Mounting insulation type Rubber bushed at shackle and hanger
	If leaf No. of leaves One
	Shackle (comp. or tens) Compression
Stabilizer	Type (link, linkless, frameless) None
	Material --
Track bar type	None

(a) Available only on wagons & V-8 engine models

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED (u)

MODEL Sedans
2-Door 4-Door Coupes Station Wagons

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel, ether)		Acrylic lacquer
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle ident. No. location		Plate above lower hinge on LH front hinge pillar
Engine No. location		Right side of cylinder block to rear of distributor
Theft protection - type		Shielded ignition lock terminals key removable in "OFF" position
Vent window control method (crank, friction pivot)	Front	Friction pivot
	Rear	None
	3rd seat	None
Seat cushion type	Front	Formed wire and foam pad
	Rear	Formed spring cotton-jute (s)
	3rd seat	None
Seat back type	Front	Formed wire-cotton
	Rear	Formed wire-cotton
	3rd seat	None
Windshield glass type (i.e., single curved - laminated plate)		Curved, laminated
Side glass type (i.e., curved - tempered plate)		Flat, safety solid
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Curved, safety solid Flat, safety solid
Windshield glass exposed surface area	1007.3	897.9 1007.3
Side glass exposed surface area		
Backlight glass exposed surface area	932.8	1117.0 698.4
Total glass exposed surface area	3350.8 3259.3	3064.0 4150.2

LAMP HEIGHT AND SPACING

			Coupes			
			Sedans	Nova	SS	Station Wagons
Height above ground to center of bulb	Headlamp	Highest *	26.9	26.4	26.8	27.5
		Lowest	--	--	--	--
	Tail	Highest	27.9	26.6	27.1	29.1
		Lowest	27.9	26.6	27.1	29.1
Distance from C/L of car to center of bulb	Headlamp	Inside				
		Outside *				
	Tail	Inside				
		Outside				
	Directional	Front				
		Rear				

* If single headlamps are used enter here.

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ⁽⁴⁰⁾

MODEL _____

CONVENIENCE EQUIPMENT

(Indicate whether standard, optional or NA on each series)

Power windows	Side Windows	NA
	Vent Windows	NA
	Backlight or tailgate	Optional
Power seats (specify type as well as availability)		NA
Reclining front seat back		NA
Front seat headrest		Optional
Radios (specify type as well as availability)		AM - push button
Rear seat speaker		Optional
Power Antenna		Optional
Clock		Standard 117-11800 Optional on all other models
Air Conditioner (specify type and availability)		Optional - All Weather
Speed warning device		NA
Speed control device		Optional
Ignition lock lamp		NA
Back up lamp		Standard
Dome lamp		Standard
Glove compartment lamp		Standard 115-116-117-11800; optional on all other models
Pkg. brake signal lamp		Optional
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Optional
Map lamp		NA
Auto. trans. quad. lamp		Standard
Emergency flasher lamp		Optional
Cornering light lamp		NA
Instrument Panel Pad		Standard
Padded Sun Shades		Standard
Left Hand Outside Mirror		Standard

INDEX

SUBJECT	PAGE NO	SUBJECT	PAGE NO
Automatic Transmission.....	1, 16	Linings - Clutch, Brake.....	14, 18, 19
Axis, Steering.....	20	Lubrication.....	7, 8, 14, 15, 16, 17
Axis, Rear.....	1, 17	Luggage Capacity.....	2
Battery.....	12	Motor, Starting.....	12
Bearings, Engine.....	5, 6, 7	Muffler.....	8
Belts - Fan, Generator, Water Pump.....	11	Overdrive.....	15
Body - General Information, types.....	Title, 1, 2, 22	Piston Pins & Rings.....	3, 5
Exterior Dimensions.....	1	Pistons.....	3, 5
Interior Dimensions.....	2	Power Brakes.....	18
Brakes - Parking, Service, Power.....	18, 19	Power Steering.....	19
Camber.....	20	Power Teams.....	4
Camshaft.....	6	Propeller Shaft, Universal Joints.....	16, 17
Capacities.....		Pumps - Oil, Fuel.....	8, 10
Cooling System.....	11	Water.....	11
Fuel Tank.....	10	Radiator, Hoses.....	11
Lubricants.....		Ratios - Axle.....	1, 4, 17
Engine Crankcase.....	8	Compression.....	1, 3, 4
Transmission and Overdrive.....	15, 16	Steering.....	19, 20
Rear Axle.....	17	Transmission.....	15, 16
Carburetor.....	4, 9, 10	Rear Axle.....	1, 4, 17
Caster.....	20	Regulator - Generator.....	12
Clutch, Automatic.....	10	Rims.....	18
Clutch - Pedal Operated.....	14	Rings, Piston.....	5
Coil, Ignition.....	13	Rods - Connecting.....	5
Connecting Rods.....	5	Shock Absorbers, Front & Rear.....	21
Convenience Equipment.....	23	Spark Plugs.....	13
Cooling System.....	11	Speedometer.....	14
Crankcase Ventilation.....	8	Springs - Front & Rear Suspension.....	21
Crankshaft.....	5	Valve, Engine.....	6
Cylinders and Cylinder Head.....	3	Stabilizer (Sway Bar) - Front & Rear.....	21
Distributor - Ignition.....	13	Starting Motor.....	12
Electrical System.....	12, 13, 14	Steering.....	19, 20
Engine.....		Suppression - Ignition, Radio.....	14
Bore, Stroke, Displacement, Type.....	1, 3	Suspension - Front & Rear.....	21
Compression Ratio.....	1, 3	Tailpipe.....	8
Firing Order, Cylinder Numbering.....	3	Thermostat, Cooling.....	11
General Information, H.P. & Torque.....	1, 3	Timing, Engine & Valve.....	6, 7, 13
Lubrication.....	7, 8	Tires.....	1, 18
Power Teams.....	4	Toe in.....	20
Exhaust Emission Control.....	9	Torque Converter.....	16
Exhaust System.....	8	Torque - Engine, Rated.....	1, 3, 4
Equipment Availability.....	22	Transmission - Types.....	1, 4, 10, 15, 16
Fan, Cooling.....	11	Automatic.....	1, 4, 10, 15, 16
Filters - Engine Oil, Fuel System.....	8, 10	Manual & Overdrive.....	1, 4, 10, 15
Frame.....	19	Ratios.....	15, 16
Front Suspension.....	21	Track.....	1
Fuel, Fuel Pump, Fuel System.....	1, 3, 10	Trunk Luggage Capacity.....	2
Fuel Injection.....	1, 10	Turning Diameter.....	19
Generator and Regulator.....	12	Unitized Construction.....	19
Glass.....	22	Universal Joints, Propeller Shaft.....	16, 17
Height (Lamps).....	14	Valves - Intake & Exhaust.....	6, 7
Headroom - Body.....	2	Vibration Damper.....	6
Heights - Overall.....	1	Voltage Regulator.....	12
Horns.....	14	Water Pump.....	11
Horsepower - Brake.....	1, 3, 4	Weights - Shipping, Curb.....	24
Ignition System.....	13	Wheel Alignment.....	20
Inflation - Tires.....	18	Wheelbase.....	1
Instruments.....	8, 14	Wheels & Tires.....	18
Kingspin (Steering Axis).....	20	Wheel Spindle.....	20
Lamp Height & Spacing.....	22	Widths - Car & Body.....	1
Legroom.....	2	Windshield.....	22
Lengths - Overall.....	1	Windshield Wiper.....	14
Lifters, Valve.....	6		

The following pages are added from
other sources but contain
the appropriate information
on the 153 CID I-4
and the 194 CID I-6 and 283 CID V-8

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(a)

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	A	B	C
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		AXLE RATIO # (Std. first) (Indicate A/C ratio)		
11300 11500 11700 11400 11600 11800	194	One; 1-Bbl	8.5:1	120 @ 4400	177 @ 2400	3-Speed Powerglide* Overdrive*	3.08(a)	3.36	3.36
							3.08(a)	--	3.36
							3.70	--	3.70
	230 *	One; 1-Bbl	8.5:1	140 @ 4400	220 @ 1600	3-Speed Powerglide* Overdrive*	3.08(a)	3.36	3.36
							3.08(a)	--	3.36
							3.70	--	3.70
	283	One; 2-Bbl	9.25:1	195 @ 4800	283 @ 2400	3-Speed	3.08	3.36(b)	3.36
						4-Speed*	3.08	3.36(b)	3.36
						Powerglide*	3.08	--	3.36
						Overdrive*	3.70	--	3.70
		One;* 4-Bbl	9.25:1	220 @ 4800	295 @ 3200	3-Speed	3.08	3.36(b)	3.36
						4-Speed*	3.08	3.36(b)	3.36
						Powerglide*	3.08	--	3.36
						Overdrive*	3.70	--	3.70

* - Optional

- Also available in positraction for combinations shown

-- - Station Wagon Models & Pickup Models - 3.36:1

(b) - Pickup Models - 3.70:1

A - General Purpose - Standard

B - Special Purpose or Mountain - Optional

C - Air condition

AMA Specifications—Passenger Car

MAKE OF CAR CHEVY II MODEL YEAR 1966 DATE ISSUED 10-7-65 REVISED ^(a)
 MODEL 13100-300-500 13200-400-600
194 Cu. In. L-6 230 Cu. In. L-6 283 Cu. In. V-8
Standard RPO-L26 Standard RPO-L77

ENGINE—VALVE SYSTEM (cont.)

Timing (including Ramps)	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
Exhaust	Inner spring press. and length	Valve closed (lb. @ in.)	None	Spring damper
		Valve open (lb. @ in.)	None	Spring damper
	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 (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Splash
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Nozzle (a)
	Cylinder walls	Conn. rod bearing throw-off Pressure cross-sprayed

(a) Centrifugal oiler from front
camshaft bearing

(Continued)

AMA Specifications—Passenger Car

MAKE OF CAR	CHEVELLE	MODEL YEAR	1966	DATE ISSUED	10-7-65	REVISED (a)
MODEL		1311-300-500		13200-400-500		
		194 Cu. In. L-6	230 Cu. In. L-6	283 Cu. In. V-8		
		Standard	RPO-L26	Standard	RPO-L77	

ENGINE—FUEL SYSTEM

(See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor	
Fuel Tank	Refill capacity (gals.)	20 (approximately)	
	Filler location	Behind hinged rr license plate	
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	
Carburetor	Choke type	Automatic	
	Intake manifold heat control (exhaust or water)	Exhaust	
	Air cleaner type	Standard	Oil-wetted polyurethane
		Optional	Oil-wetted paper

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
11300 11500 11700	194	3-Speed	Rochester	7025105	One; single-barrel down-draft	1.56
		Powerglide	Rochester	7023108		
	230 (opt)	3-Speed	Rochester	7025003	One, single-barrel, down-draft	1.56
		Powerglide	Rochester	7025000		
11400 11600 11800	283	3-Speed 4-Speed	Rochester	7024101	One, two-barrel, down-draft	1.44
		Powerglide	Rochester	7024110		
	283 (opt)	3-Speed 4-Speed	Rochester	7025127	One, four-barrel	1.44 Primary Secondary
		Powerglide	Rochester	7025128		

(a) Left rear quarter panel on Station Wagons and Pickups