AMA Specifications – Passenger Car

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MANUFACTURER Chevrolet Motor Division General Motors Corporation		CAR NAME Chevy II	153 cu. in. 4-cylinder 194 cu. in. 6-cylinder
MAILING ADDRESS Chevrolet Engineering Center Box 7346, N. End Station, Detroit 2, Mich.		MODEL YEAR 1964	ISSUED: 9-23-63 REVISED (s) 1-27-64

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.

	153 Cubic Inch 4-Cylinder	194 Cubic Inch 6-Cylinder	
Chevy II 100 Series	111	211	2-Door Sedan, 6-Passenger
	169	269	4-Door Sedan, 6-Passenger
		235	4-Door Station Wagon, 2-Seat
Chevy II Nova Series	*	435	4-Door Station Wagon, 2-Seat
	*	469	4-Door Sedan, 6-Passenger
	*	411	2-Door Sedan, 6-Passenger
	*	437	2-Door Sport Coupe, 5-Pass.
Chevy II Nova Super Sport	*	447	2-Door Sport Coupe, 4-Pass.

* - 4-Cylinder engine not available

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GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	SEDANS	COUPES	WAGONS	
Wheelbase (L101)		23	110.0			
Tread	Front (W101)	22	56 8		56.3	
	Rear (W102)	22	56 3		55.8	
Maximum Overall Dimensions	Length (L103)	23	182.9		187.6	
	Width (W103)	22	70.8			
	Height (H101)	24	55.0	54.0*	55.1	
Transmission—(Specify trade name – opt., not available)	Manual	15	Synchromesh; 3-Speed Standard; 4-Speed optional with V-8 engine			
	Overdrive	16	Not offered			
	Automatic	16	Powerglide optional			
Axle ratio	Manual	17	3.08:1 except L6 Station Wagons, 3.36:1			
	Overdrive	17	Not offered			
	Automatic	17	Same as manual			
Tire size		18	(a)			
Engine	Type, no. cyl., valve arr.	2	153 cu. in. 4 cyl. OHV	194 cu. in. 6 cyl. OHV	230 cu. in.	283 cu. in. V-8 OHV
	Fuel system (Carb., other)	8	Carburetor			
	Bore and stroke	2	3.875 x 3.25	3.563 x 3.25	3.875 x 3.25	3.875 x 3.0
	Piston displ., cu.in.	2	153	194	230	283
	Std. compression ratio	2	8.5:1			9.25:1
	Max. bhp at engine rpm	2	90 @ 4000	120 @ 4400	155 @ 4400	195 @ 4800
	Max. torque at rpm	2	152 @ 2400	177 @ 2400	215 @ 2000	285 @ 2400

* - 54.5 on Model 447

(a) 2 and 400 Series with optional V-8 [illegible] and Nova SS - 6.50 x 14
Balance 1 and 200 Sedans - 6.00 x 13; Wagons and Nova models - 6.50 x 13

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MODEL	153 cu. in. 4-cyl.	194 cu. in. 6-cyl.	230 cu. in. 6-cyl.	283 cu. in. V-8
	100	200-400		

ENGINE—GENERAL

Type, no. cyls., valve arr.		In-line 4-OHV	In-line 6 OHV		90° V-8 OHV
Bore and stroke (nominal)		3.875 x 3.25	3.563 x 3.25	3.875 x 3.25	3.875 x 3.00
Piston displacement, cu. in.		153	194	230	283
Bore spacing (C/L to C/L)		4.4			
No. system (front to rear)	L. Bank	1-2-3-4 (In-line)	1-2-3-4-5-6 (In-line)		1-3-5-7
	R. Bank				2-4-6-8
Firing order		1-3-4-2	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		3.51'			5° 11'
Taxable horsepower $\frac{Dia.^2 \times No. Cyl.}{2.5}$		24.0	30.5	36.0	48.0
Published max. bhp* @ eng. RPM		90 @ 4000	120 @ 4400	155 @ 4400	195 @ 4800
Published max. torque* (lb. ft. @ RPM)		152 @ 2400	177 @ 2400	215 @ 2000	285 @ 2400
Recommended fuel regular - premium		Regular			
Idle speed (spec.) neutral or drive)	Manual	500 in Neutral			
	Automatic	500 in Drive			475 in Drive

ENGINE—PISTONS

Material		Cast Aluminum Alloy			
Description and finish		Flat, notched head slipper skirt	Flat head slipper skirt	Flat, notched head slipper skirt	
Weight (piston only) oz.		20.40	17.60	20.40	20.30
Clearance (limits)	Top land	.035-.044	.033-.044	.035-.044	
	Skirt ½ Top	.0005-.0011(a)	.0005-.0011(b)	.0005-.0011(a)	
	Skirt ½ Bottom				
Ring groove depth	No. 1 ring	.2153-.2218	.1960-.2025	.2153-.2218	
	No. 2 ring	.2153-.2218	.1960-.2025	.2153-.2218	
	No. 3 ring	.2093-.2158	.1985-.2050	.2093-.2158	
	No. 4 ring				

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

(a) - Measured at 2.44" from top of piston.

(b) - Measured at 2.20" from top of piston.

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POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (A) (Std. first)	
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		Gen'l Purpose Std.	Spc'l Purpose or Mt.
100	153 (Std)	1 Bbl Down draft	8.5:1	90 @ 4000	152 @ 2400	Sedans & Coupe 3-Speed	3.08:1	3.55:1
						Powerglide *	3.08:1	---
200 & 400	194 (Std)	1 Bbl Down draft	8.5:1	120 @ 4400	177 @ 2400	Sedans & Coupe 3-Speed	3.08:1	---
						Powerglide *	3.08:1	---
						Station Wagon 3 Spd & P/Gld *	3.36:1	---
	230 (Opt)	1 Bbl Down draft	8.5:1	155 @ 4400	215 @ 2000	Sedans & Coupe 3-Speed	3.08:1	3.36:1
						Powerglide *	3.08:1	
						Station Wagons 3 Spd & P/Gld *	3.36:1	---
	283 (Opt)	2 Bbl Down draft	9.25:1	195 @ 4800	285 @ 2400	3-Speed	3.08:1	3.36:1
						4-Speed *	3.08:1	---
						Powerglide *	3.08:1	---

(A) - Positraction options available in 3.08:1, 3.36:1, 3.55:1

* - Optional

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	153 cu. in. 4-cyl.	194 cu. in. 6-cyl.	230 cu. in. 6-cyl.	283 cu. in. V-8
MODEL	100	200-400		

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
	No. 4, oil or comp.	None
Compression	Description - material, type, coating, etc.	Cast alloy iron; inside bevel Upper - Flash chrome plating coating O. D. Lower - Wear resistant coating
	Width	Upper: .0775-.0780; Lower: .0770-.0780
	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	None
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.)		20.80	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	.008-.014	.009-.013

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MODEL	153 cu. in. 4-cyl.	194 cu. in. 6-cyl.	230 cu. in. 6-cyl.	283 cu. in. V-8
	100	200-400		

ENGINE—CRANKSHAFT

Material			Forged steel(a)	Cast Nodular Iron	Forged steel
Vibration damper type			None	Rubber mounted inertia damper	None
End thrust taken by bearing (No.)			5	7	5
Crankshaft end play			.002-.006		
Main bearing	Material & type		Copper lead alloy or Steel backed babbitt		
	Clearance		.0003-.0029		
	Journal dia. and bearing overall length	No. 1	2.3004 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 .760	2.3004 x .752	2.3004 x 1.17
		No. 6	None	2.3004 x .752	None
		No. 7	None	2.3004 x .760	None
	Dir. & amt. cyl. offset		None		
Crankpin journal diameter			1.999-2.000		

ENGINE—CAMSHAFT

Location			Above and to right of Crk/Shft		In block above crk/sh
Material			Cast alloy iron		
Bearings	Material		Steel backed babbitt		
	Number		3	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		Crankshaft Pulley	Harmonic Balancer	Crankshaft Pulley H

(a) - Cast Nodular Iron optional

(Continued)

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	100	200-400		

ENGINE—VALVE SYSTEM (cont.)

Timing *	Intake	Opens (°BTC)	33° 30'	34°	49°	32° 30'
		Closes (°ABC)	86° 30'	86°	95°	87° 30'
		Duration - deg.	300°	300°	324°	300°
	Exhaust	Opens (°BBC)	73°	68°	95°	74° 30'
		Closes (°ATC)	47°	52°	49°	45° 30'
		Duration - deg.	300°	300°	324°	300°
	Valve opening overlap		80° 30'	86°	98°	78°

Intake	Material		Carbon 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)		.3973	.3350	.4072	.3987
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66	84-92 @ 1.66	78-86 @ 1.66	
		Valve open (lb. @ in.)	170-180 @ 1.26	166-176 @ 1.33	170-180 @ 1.26	
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring Damper	None	Spring Damper	
		Valve open (lb. @ in.)	Spring Damper	None	Spring Damper	

Exhaust	Material		High alloy steel - (a)			
	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)		.3973	.3350	.4072	.3987
	Outer spring press. and length	Valve closed (lb. @ in.)	78-86 @ 1.66	84-92 @ 1.66	78-86 @ 1.66	
		Valve open (lb. @ in.)	170-180 @ 1.26	166-176 @ 1.33	170-180 @ 1.26	
	Inner spring press. and length	Valve closed (lb. @ in.)	Spring Damper	None	Spring Damper	
		Valve open (lb. @ in.)	Spring Damper	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	Pressure jet
	Cylinder walls	Connecting rod bearing throw-off	cross sprayed

* - Including Ramps

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(a) - Face & head aluminized on 283 cu. in.

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	100	200-400		

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)	Stationery			
Oil filter system (full flow, partial, other)	Full-flow			
Filter replacement (element, complete)	Complete			Element
Capacity of crankcase, less filter-refill (qt.)	3.5	4		
Oil grade recommended (SAE viscosity and temperature range)	32° F and above - SAE 20W, SAE 20, or SAE 10W-30 0° F and above - SAE 10W, or SAE 10W-30 Below 0° F - SAE 5W or SAE 5W-20			
Engine Service Requirement (MM, MS, etc.)	MS or DG			

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single		Single with crossover
Muffler No. & type (reverse flow, straight thru, separate resonator)	Reverse flow		
Exhaust pipe dia. (O.D. & wall thickness) Branch			2.00x. 067-.(
Exhaust pipe dia. (O.D. & wall thickness) Main	2.00 x .057-.071		
Tail pipe diameter (O.D. & wall thickness)	1.875 x .062-.076		

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Ventilates to Induction system		
	Optional			
Central unit	Make and model			
	Location	Top rear of rocker cover		Rear of carb
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold vacuum		
	Control method (variable orifice, fixed orifice, other)	Variable Orifice		
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		

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	153 cu. in. 4-cyl.	194 cu. in. 6-cyl.	230 cu. in. 6-cyl.	283 cu. in. V-8
MODEL	100	200-400		

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.)	16		
	Filler location	In left rear quarter panel		
Fuel Pump	Type (elec. or mech.)	Mechanical		
	Location	Right side front of engine		
	Pressure range	● 3.50-4.50 PSI		5.25-6.50 PSI
Vacuum booster (std., optional, none)		None		
Fuel Filter	Type	Metal mesh strainer in gasoline tank		
	Location	and sintered bronze filter in carburetor inlet		
Carburetor	Choke type	Manual	Automatic	
	Intake manifold heat control (exhaust or water)	Exhaust		
	Air clnr. type — Standard	Oil-wetted Polyurethane		Paper element
	Air clnr. type — Optional			

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetor Make	Carburetor Model	No. Used and Type	Barrel Size
100 (4 Cyl)	153	3-Speed Powerglide	Carter Carter	#3792945 #3793019	One; Single-barrel downdraft	1.6875
200-400 (6 Cyl)	194	3-Speed Powerglide	Rochester Rochester	#7023105 #7023108	One; Single-barrel downdraft	1.560
●	230 Optl	3-Speed Powerglide	Rochester Rochester	#7023003 #7023000	One; Single-barrel downdraft	1.56
200-400 (V-8) ●	283 Optl	3-Speed 4-Speed Powerglide	Rochester Rochester	#7024101 #7024100	One; Two barrel downdraft	1.44

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MODEL	100	200-400		

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)	Choke				
	Starts to open at (°F)	177° - 183°				
Water pump	Type (centrifugal, other)	Centrifugal				
	GPM @ 1000 pump rpm	63 @ 4400	58 @ 4400	60 @ 4400	53 @ 420	
	Number of pumps	One				
	Drive (V-belt, other)	V-Belt				
	Bearing type	Permanently lubricated double roll 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.)	9.0	11.5		17	
	Without heater (qt.)	8.0	10.5		16	
	Opt. equipment-specify (qt.)	9.0	12.0		18	
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				
	Lower: Inside diameter	1.75				
	Upper: Number and type (molded, straight)	One, molded				
	Upper: Inside diameter	1.28		1.50		
	By-pass: Number and type (molded, straight)	None				
	By-pass: Inside diameter	None				
Fan	Number of blades & Spacing	4, Staggered				
	Diameter	15.00	17.62			
	Ratio-fan to crankshaft rev.	.949:1				
	Fan cutout type	None				
	Bearing type	Double row ball				
*Drive belts (indicate belt used by letter)	Fan	A	B		F	
	Generator	A	B		F	
	Water Pump	A	B		F	
	Power Steering	-	C		G	
	Air Conditioning	-	D	E	H	

* Drive Belt Dimensions	A	B	C	D	E	F	G	H
Angle of V	38° - 42°							
Nominal length (SAE)	41.00	39.00	49.50	54.75	54.75	53.50	35.00	52.
Width	.380 ± .005							

Form Rev.

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	100	200-400		

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Delco #1983504	
	Voltage Rtg. & Total Plates	12 Volts - 54 Plates	
	SAE Designation & Amp Hr. Rtg	44 Amp. Hr. @ 20 Hr. rate	
	Location	Right side front engine compartment	
	Terminal grounded	Negative	
Generator	Make	Delco-Remy	
	Model	#1100670	
	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		
	Cutout relay: Reverse current to open		
	Regulated: Voltage	13.8-14.8 @ 85°F	
	Regulated: Current	None	
	Voltage test conditions: Temperature	Operating	
	Voltage test conditions: Load	3-8 Amps	
	Voltage test conditions: Other	None	

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Delco-Remy		
	Model	#1107259	#1107303	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed			
	Test conditions	Engine at operating temperature		
	Lock test: Amps			
	Lock test: Volts			
	Lock test: Torque (lb. ft.)			
	No load test: Amps	49-76		
	No load test: Volts	10.6		
	No load test: 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 -Depress accelerator pedal to floor (pull hand choke knob * fully out) and release pedal. Turn ignition to Start and release as soon as engine starts		

(Continued)

* - 4-cylinder model only.

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	100	200-400		

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

Coil	Make		Delco-Remy			
	Model		#1115184			#1115115
	Amps	Engine stopped	4.0			
		Engine idling	1.8			
Distributor	Make		Delco-Remy			
	Model		#1110292	#1110293	#1110321	#1111015
	Centrifgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	600			800
		Intermediate points deg. @ rpm				
		Max deg. @ rpm	28 @ 3700	26 @ 2300	32 @ 4400	30 @ 4000
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	6			8
		Intermediate points, deg @ in Hg				
		Max. deg. in. Hg.	● 23 @ 12	● 21 @ 14.5		15 @ 15.5
	Breaker gap (in.)		.019			
	Cam angle (deg.)		31° - 34°			28°-32°
	Breaker arm tension (oz.)		19-23 oz.			
Timing	Crankshaft deg. @ rpm.		4° Btc @ 450-500	8° Btc @ 450-500	4° Btc @ 450-500	4° Btc @ 550
	Mark location		Crk/shft Pulley	Harmonic Balancer		Crk/shft Pulley
	Cylinder numbering system (see page 2)		Front to Rear 1-2-3-4	Front to Rear 1-2-3-4-5-6		Lft. bank 1-3-5-7 Rt. bank 2-4-6-8
	Firing order (see page 2)		1-3-4-2	1-5-3-6-2-4		1-8-4-3-6-5-7-2
Spark Plug	Make and model		AC46N (Long Reach)			AC45
	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

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MODEL 1-400 | All Models Except as Indicated

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	AC
	Trip odometer (yes, no)	No
Charge indicator—type		Except 447 (Nova SS), Tell-Tale Lamp; 447, Gage ●
Temperature indicator—type		Except 447 (Nova SS), Tell-Tale Lamp; 447, Gage ●
Oil pressure indicator—type		Except 447 (Nova SS), Tell-Tale Lamp; 447, Gage ●
Fuel indicator—type		Gage
Other		Parking Brake Alarm, Clock, Cigarette Lighter, Tachometer
Ignition switch	Identify positions in order and circuits controlled	 Lock - Off, Locked Off - Off, Unlocked On - On (Ignition, Battery, Accessories) Start - Starter (Spring Return to On)
	Provision for illumination	None
	Location	Instrument Panel to Right of Steering Column
Main lighting switch	Identify positions and lamps controlled	IN - OFF. 1st out position - Instru. Panel, Park., Tail, License Lamp 2nd out position - same as "1st" except "Headlamps" instead of "Parking" CW rotation of knob - panel lamps dim to off. CCW rotation of knob brighten panel lamps; full CCW rotation, turn on dome and panel courtesy lamps.
Other light switches	Locations and lamps controlled	Toe panel - Headlamp dimmer. Glove compartment - Glove comp. lamp. Steering column - Turn signals. At brake pedal - Stop lamp Steer. mast jacket - Back-up lamps @ Hinge pillars - Courtesy and dome lamps. Parking brake lever - Parking brake alarm.
Other switches	Locations and devices controlled	Instru. panel - Heater blower, A/C controls, radio, windshield wipers and washer. Steer. mast jacket - Transmission Neu.Saf. Sw. Instrument panel and tailgate - Tailgate window control.
Windshield wiper	Make	Delco
	Type	Electric; Single-Speed
	Vacuum booster provision	None
	Washer provision	With 2-speed W/S wiper
Horn	Type	Vibrator
	Number used	Two ●
	Amp draw (each)	8.00-11.0 @ 12.5V

Optional Equipment: Clock exc. 447 (Nova SS); Glove comp. lamp exc. Nova and Nova SS models; Door jam switches for dome lamps exc. Nova and Nova SS models; Courtesy lamps; Back-up lamps exc. Nova and Nova SS models; Parking brake alarm; Tachometer with V-8 engines; Tailgate window control on 2 & 400 wagons only; Radio; Automatic transmission; Two-speed windshield wiper (includes washer); Windshield washer (for single speed); Cigarette lighter except Nova and Nova SS.

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(@)-At transmission on Model 447 with automatic, and on all 4-speed applications.

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MODEL 1-400 | All Models unless otherwise indicated

ELECTRICAL—LAMP BULBS

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

Headlamps & arrangement		2-6012	
Headlamp beam indicator		1-1895	
Parking		2-1157	
Tail		2-1157	
Stop		2-1157	
Direction signal	Front	2-1157	
	Rear	2-1157	
	Indicator	2-1895	
License Plate		1-1155	
Oil pressure indicator		Except Nova SS (447), 1-1895; 447 Gage by "Instru." Lamps	
Charge indicator		Except Nova SS (447), 1-1895; 447 Gage by "Instru." Lamps	
Instrument		4-1816	
Clock		"Instrument" Lamps (a)	Optional
Radio		1-1893	Optional

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

Ignition lock	Not offered	
Back up	2-1156(b)	
Dome	1-211	Reg. Prod.
Glove compartment	1-1895(b)	
Prkg. brake signal	1-257	Optional
Luggage compartment (Except Wagons)	1-1003	Optional
Underhood	1-93	Optional
Courtesy (Instru. Panel)	2-631 (Optional). Seat Separator. 1-211(c)	
Map	Not offered	
Auto Trans. Indicator Dial (Exc. Nova SS, 447)	1-1445	Optional
Cig. Lighter Lamp	1-1445 (d)	
Tachometer	"Instrument" Lamps	Optional
Traffic Hazard Indicator	1-1445	Optional

(a) Optional except 447 (Nova SS); on 2 and 400 (including Nova SS) with tachometer, clock illuminated with 1-1895.

(b) Optional except 400 (including Nova SS).

(c) Available or 447 (Nova SS) with automatic transmission.

(d) Optional except 400 (including Nova SS) lamp included when provided optionally.

Regular Production Bulbs Continued

Temp. Indicator	Except Nova SS (447) 1-1895· 447, Gage by "Instru." Lamps.
Fuel Gage	"Instrument" Lamps

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MODEL 1-400 All Models unless otherwise indicated

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Fuses in fuse panel unless otherwise indicated

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 one 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	(a) - - - 15 C. B.	(d) Park. Brake Alarm Lamp ●
Headlamp beam indicator	(a)	(b) Traffic Hazard Indicator ●
Parking lamp	(a)	(c) Luggage compt. Lamp ●
Tail lamp	(b) - - - AGC 15	(In Line)--SAE 4 Underhood Lamp
Stop lamp	(b)	(b) Seat Separator ●
Direction indicator	(c) - - - AGC 3	Tachometer ●
License plate lamp	(b)	
Instrument lamp	(c)	
Ignition lamp	- -	
Back up lamp	(d) - - - AGC 10	
Dome lamp	(b)	
Clock	(b)	
Clock lamp	(c)	●
Radio	(e) - - - AGC 2.5	
Glove compartment lamp	(b)	
Heater	(f) - - - AGC 10	
W/S Wiper(Single Speed)	(g) - - - SAE 20	
Cigar. Lighter	(b)	
Tailgate Motor	40 C. B.	
W/S Wiper (Two Speed)	(g) and 14 C. B.	
Air conditioning	Replace "(f)" with SAE 20; also SAE 20 in line	
Auto. Trans. Indicator Dial Lamp	(c)	
Defogging Unit	Replace "(d)" with AGC 5	
Courtesy Lamps(Instru. Panel)	(b)	
Cig. Lighter Lamp	(c)	

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	26.0
		Highest	26.0
	Stop		26.0
	Backup		24.5
	License, rear		18.0
	Directional	Front	21.0
		Rear	26.0
	Headlamp	Inside	---
		Outside*	26.5
Distance from C/L of car to center of bulb	Tail	Inside	---
		Outside	28.4
	Stop		28.4
	Backup		28.4
	License, rear		On centerline
	Directional	Front	26.7
		Rear	28.4
	Headlamp	Inside	---
		Outside*	28.5

* If single headlamps are used enter here.

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MODEL 1-400

All Models unless Otherwise Indicated

DRIVE UNITS—CLUTCH (Manual Transmission)

Heavy Duty available optionally w/Reg. Prod. Engines and optional L-6.

Make & type		All, except optional V-8 with 4-speed - Chevrolet, Single Dry Disk (a)
Type pressure plate springs		All except optional V-8 with 4-speed - Diaphragm (b)
Effective plate pressure (lb.)		Regular Production Engines - 1250-1450 (c)
No. of clutch driven discs		1 with 2 facings
Clutch facing	Material	Woven Asbestos (d)
	Outside & inside dia.	8.00 & 6.00 for L-4; 9.12 & 6.12 for L-6's (e)
	Total eff. area (sq.in.)	L-4 - 44.0; L-6's - 71.8. HD-100.5; opt. V-8 with 3-spd - 90.7(f)
	Thickness	.135 each
	Engagement cushioning method	Flat Spring Steel between Friction 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-Spd Standard; 4-Speed Optional with Optional V-8 Engine
Manual with overdrive (std. or opt.)	Not offered
Automatic (std. or opt.)	Optional

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		3-Speed, L-4, L-6's	3-Speed, V-8	4-Speed, V-8
Transmission ratios	In first	2.94	2.58	2.56
	In second	1.68	1.48	1.91
	In third	1.00	1.00	1.48
	In fourth	---	---	1.0
	In reverse	2.94	2.58	2.64
Synchronous meshing, specify gears		2nd & 3rd		All forward gears
Shift lever location		Steering column		Floor
Lubricant	Capacity (pt.)	2		2.5
	Type recommended	Meeting Military Specification MIL-L-2105-B		
	SAE viscosity number: Summer	SAE 80		
	SAE viscosity number: Winter	SAE 80		
	SAE viscosity number: Extreme cold	SAE 80		

(a) Optional V-8 with 4-Speed - Same except centrifugal.

(b) Optional V-8 with 4-Speed - Diaphragm, bent finger design.

(c) Regular Production and Optional L-6 engines with HD clutch - 1900-2200. Optional L-6 and V-8 with 3-speed - 1700-1950. Optional V-8 with 4-speed - 2100-2300.

(d) Heavy Duty Clutch - Woven front, molded rear facings; optional V-8 with 4-speed Premium Woven Asbestos.

(e) Heavy Duty Clutch - 10.0 & 6.0. Optional V-8 with 3-speed - 10.0 & 6.5; with 4-speed - 10.4 & 6.0.

(f) Optional V-8 with 4-speed - 103.5.

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MODEL 1-400 | All Models unless Otherwise Indicated

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)			
	Manual lockout (yes, no)			
	Downshift accelerator control (yes, no)			
	Minimum cut-in speed			
	Gear ratio			Not offered
	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
Type describe		Torque Converter with Planetary Gears
Method of Selection (Lever, Push Button or other)		Lever on floor for 4&7
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 and 1:1 L and R, 1.82:1
Max. upshift speeds—drive range		L-4 & R-Reg. Prod. L-6 - 59 Opt. L-6 - 54 Opt. V-8 - 59 ●
Max. kickdown speeds—drive range		L-4 & R-Reg. Prod. L-6 - 49 Opt. L-6 - 51 Opt. V-8 - 58 ●
Torque converter	Number of elements	3
	Max. ratio at stall	Reg. Prod. L-4 and L-6 - 2.40, Optional L-6 and V-8 - 2.10
	Type of cooling (air, water)	L-4 and L-6's - Air; V-8 - Water
Lubricant	Capacity—refill (pt.)	3
	Type recommended	Type A, suffix A
Special transmission features		

DRIVE UNITS—PROPELLER SHAFT

Number used		1
Type (exposed, torque tube)		Exposed, unsupported
Outer diameter x length* x wall thickness	Manual transmission	L-4 - 3.50 x 52.1 x .065; L-6's with 3-speed, & optional V-8 w/3-speed and 4-speed - 2.75 x 52.1 x .065
	Overdrive transmission	----
	Automatic transmission	Same as Manual

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

(Continued)

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MODEL 1-400 | All Models unless Indicated Otherwise

DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		None
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)			Leaf Springs
Torque taken through (torque tube or arms, springs)			Leaf Springs

DRIVE UNITS—REAR AXLE

Description (see instructions)			Reg. Prod. -Semi-floating; integral rear beam consisting of cas iron diff. carrier with pressed-in tubular rear axle housings.
Limited Slip differential, type			Regular Production with Dual Disk Clutches
Drive Pinion Offset			1.5
No. of differential pinions			2
Gear ratios (Std. equip.)	Manual transmission		3.08:1 Except L-6 Station Wagons, 3.36:1
	Overdrive transmission		Not offered
	Automatic transmission		Same as Manual
Ring gear O.D. (std. ratio)			8.125
Pinion adjustment (shim, other)			Shim
Pinion bearing adj. (shim, other)			None
Wheel bearing type			Single row cylindrical roller
Lubricant	Capacity (pt.)		3.5
	Type recommended		Meeting Military Specification 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		3.08:1	3.36:1	
No. of teeth	Pinion	12	11	
	Ring gear	37	37	

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MODEL 1-400 All Models Unless Otherwise Indicated

DRIVE UNITS—WHEELS

Type & material		Short Spoke Disk, Steel
Rim (size and flange type)	Std.	Reg. Prod. 100 & 200 Sedans, 13x4J; Balance, 13x5.5J (a) ●
	Opt.	13x5.5J 14x5J
Attachment: Type (bolt or stud)		Stud
Attachment: Circle diameter		4.75
Attachment: Number and size		5 Hex Nuts, 7/16-20 UNF-2B

DRIVE UNITS—TIRES - Tubeless Unless Indicated Otherwise

Standard (List option below)	Size & ply	Reg. Prod. 100 & 200 Sedans, 6.00x13-4PR; Bal., 6.50x13-4PR (b)
	Type - Nylon, etc.	Blackwall, Rayon
Rev/mile at 50 mph.		6.00x13-4PR - 892; 6.50x13-4PR - 864; 6.50x14-4PR - 815
Inflation press.(cold)	Front	All exc. sedans, coupe and Nova SS (447) with 6.50x14-24 (c) ●
	Rear	Wagons-28; balance-24 exc. sedans, coupe & Nova SS(447) with 6.50x14
Optional tires - size and ply		6.00x13-4PR, Hyway, Rayon, Whtwall, 6.50x13-4PR, Hyway, Rayon, Blackwl; 6.50x13-4PR, Hyway, Rayon, Whtwall. 6.50x14-4PR, Hyway, Rayon, Blackwl; 6.50x14-4PR, Hyway, Rayon, Whitewall. 7.00x13-4PR Hyway, Rayon, Whtwall; 7.00x13-4PR, Hyway, Rayon, Blackwall.

BRAKES—SERVICE		Regular Production	Metallic Brakes
Type (duo-servo, disc, balanced, etc.)		Duo-Servo, 4-Wheel Hydraulic, Reverse self-adjusting	
Self adjusting (std., opt., N.A.)		Standard	
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.)*		170.8	118.1 ●
Gross lining area (sq. in.)**		170.8	118.1 ●
Swept drum area (sq. in.)***		228.6	
Percent brake effectiveness—front		59.5	
Drum: Diameter	Front	9.5	
Drum: Diameter	Rear	9.5	
Drum: Type and material		Composite, Cast Iron Rim; Steel Web	
Wheel cylinder bore	Front	1.06	
Wheel cylinder bore	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	

(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.

(a) 200 & 400 Models with optional V-8 engine, & Nova SS(447), 14x5J. ●
(b) 200 & 400 Models with optional V-8 engine, & Nova SS(447), 6.50x14-4PR. ●
(c) Sedans, coupe, and Nova SS (447) with 6.50x14-22. ●
(d) Sedans, coupe, and Nova SS (447) with 6.50x14-22. ●

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MODEL 1-400 All Models Unless Indicated Otherwise

BRAKES—SERVICE (cont.)

				Regular Production	Metallic
Brake lining	Bonded or riveted			Bonded	Welded
	Front Shoe	Material		Molded Asbestos	Sintered Iron
		Size (length x width x thickness)	Front wheel	8.96 x 2.50 x .1"	1.64 x 1.25 x .175
			Rear wheel	8.96 x 2.00 x .17	1.64 x 1.00 x .175
		Segments per shoe		1	6
	Rear Shoe	Material		Molded Asbestos	Sintered Iron
		Size (length x width x thickness)	Front wheel	10.24 x 2.50 x .20	1.64 x 1.25 x .295
			Rear wheel	9.75 x 2.00 x .20	1.64 x 1.00 x .295
		Segments per shoe		1	10

BRAKES—PARKING

Type of control		Pulley cable linkage; "L" handle for apply and release
Location of control		Right of steering column under instrument panel
Operates on		Rear wheels
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	Unitized front end and body proper rigidly bolted together. Frame members incorporated into front end and body.

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

Provision for car leveling		Front stabilizer bar on Stn. Wgns. & models with V-8 engines.
Provision for brake dip control		Mounting angle of front upper control arms.
Provision for acc. squat control		None
Special provisions for car jacking		
Shock absorber front & rear	Type	Direct, Double-acting, Hydraulic
	Make	Declo Products
	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.

* Air Suspension:
Air spring type
Compressor data
type
make
drive ratio
Normal operating pressures
spring rate:
leveling axis

(Continued)

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MODEL 1-400 — All Models Except Indicated Otherwise

SUSPENSION FRONT (cont.)

		L4	L6
Spring	Type	Coil	
	Material	Steel alloy	
	Size (coil design height & I.D.; bar length x dia.	9.20 & 3.800; 106.61 x .562	9.20 & 3.800; 106.61 x .562
	Spring rate (lb. per in.)	250	250
	Rate at wheel (lb. per in.)	103	103
	Design load (lb. @ design height)	1065 @ 9.20	1170 @ 9.20
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	Steel, .625	

STEERING

Manual (std., opt., NA)				Standard
Power (std., opt., NA)				Optional with L6's and Optional V8
Adjustable steering wheel (tilt, swing, other)		Type and description		Not offered
		(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°				18.69°
Manual	Gear	Type		Semi-Reversible, Recirculating Ball Nut
		Make		Saginaw
		Ratios	Gear	20:1
			Overall	25.4:1
	No. wheel turns			4.50 lock to lock
Power	Type (coaxial, linkage, etc.)			Linkage with hydraulic cylinder
	Make			Saginaw
	Gear	Type		Same as manual
		Ratios	Gear	20:1
			Overall	25.4:1
	Pump driven by			Crankshaft pulley
	Number wheel turns			4.50 lock to lock
Linkage	Type			Parallelogram with center link
	Location (front or rear of wheels, other)			Rear of wheels
	Drag link (trans. or longit.)			None
	Tie rods (one or two)			2

(Continued)

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MODEL 1-400 All Models Unless Indicated Otherwise

STEERING (cont.)

Steering Axis	Inclination or camber (deg.)		6-3/4 to 7-3/4
	Bearings (type)	Upper	Ball stud with sintered iron bearing
		Lower	Ball stud with sintered iron bearing & phenolic seat
		Thrust	None
Wheel alignment (range and preferred)	Caster (deg.)		P 1/2 to P 1-1/2 (curb)
	Camber (deg.)		O to P 1 (curb)
	Toe-in (outside tread-inches)		/: to :/6 total (curb)
Steering spindle & joint type			Forging with pad for mounting brake cylinder, spherical
Wheel spindle	Diameter	Inner bearing	[illegible]
		Outer bearing	[illegible]
	Thread size		/ -20 NEF - 3 (Modified)
	Bearing type		Taper Roller

SUSPENSION—REAR

Type and description				Hotchkiss with two single leaf springs
Drive and torq. taken through (see page 17)				Leaf springs
Spring	Type			Single leaf
	Material			Chrome carbon steel
	Size (length x width, unit design height and I.D.; bar length & dia.)			62.50 x 2.25
	Spring rate (lb. per in.)			95
	Rate at wheel (lb. per in.)			
	Design load (lb. at design height)			650 @ P .29 Camber
	Mounting insulation type			Rubber bushed at shackle and hange
	If leaf	No. of leaves		One
		Inserts	Type and size	---
			Material	---
		Shackle (comp. or tens.)		Compression
Stabilizer	Type (link, linkless, torsionless)			None
	Material			---
Track bar type				None

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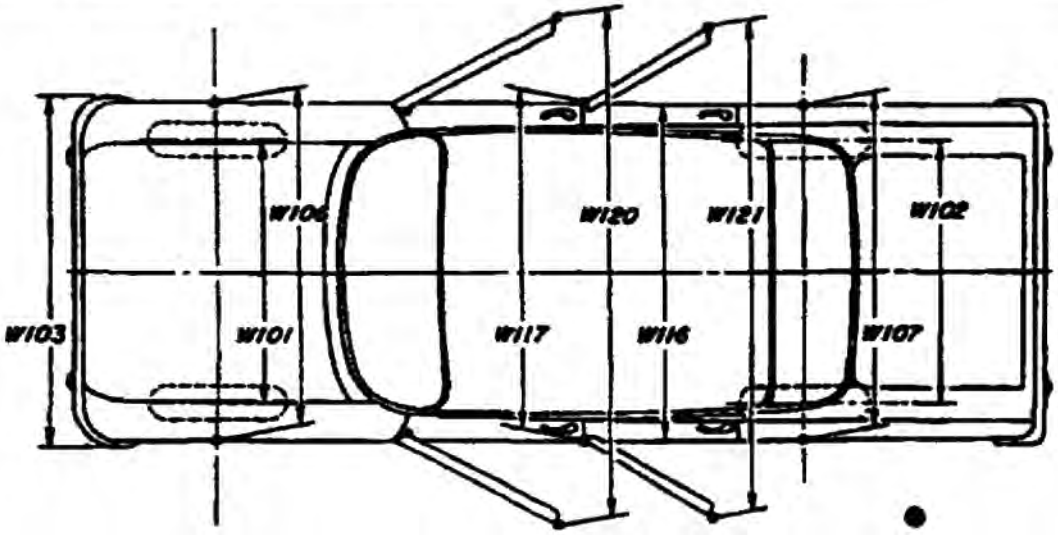
CAR AND BODY DIMENSIONS—GENERAL

Dimensions herein are those adopted by the Society of Automotive Engineers. Brief descriptions of these dimensions are listed on pages 34-86. Complete definitions are listed in section E-1 of the SAE Recommended – Automotive Drawing Standards.
The dimensions are developed from the following basic points:

1. Body dimensions are for all body styles.
2. All interior dimensions are taken with manikin 15.0 inches outboard of car centerline unless otherwise stated.
3. All interior dimensions are measured with the front seat in the lowest and rearmost position.
4. 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.
5. The SAE manikin with 90th percentile leg length will be used for recording purposes.
6. The H Point is the pivot center of the manikin's torso and thigh.
7. The D Point is the point of tangency of a horizontal line and the lowest point of the manikin.
8. The Torso Line is a line parallel to the small of manikin's back and extending through the H Point.

EXTERIOR WIDTH DIMENSIONS



MODEL	Ref. No.	SEDANS		COUPES	WAGONS
		2-DR	4-DR		
Tread – front	W101	56.8			56.3
Tread – rear	W102	56.3			55.8
Maximum overall car width	W103	70.8			
Maximum overall body width	W116	69.4			
Maximum body width at ½ pillar	W117	69.3			
Front fender overall width	W106	68.5			
Rear fender overall width	W107	69.4			
Maximum overall car width – front doors open	W120	151.3	34.0	151.5	134.0
Maximum overall car width – rear doors open	W121	--	131.2	---	131.0

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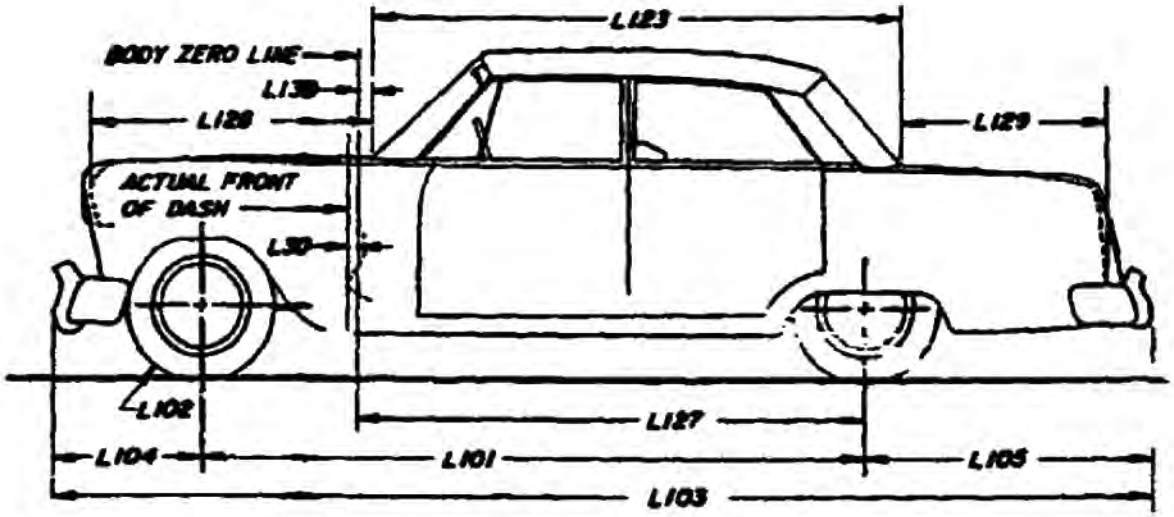
EXTERIOR LENGTH DIMENSIONS



MODEL	Ref. No.	SEDANS	COUPES	WAGONS
Body zero line to actual front of dash	L30		- .8	
Wheelbase	L101		110.0	
Overhang - front	L104		27.0	
Overhang - rear	L105	45.9		50.6
Overall length	L103	182.9		187.6
Head length at car centerline	L128		47.4	
Body upper structure length at car centerline	L123	94.7		123.8
Deck length at car centerline	L129	33.9		-
Body zero line to centerline of rear wheels	L127		94.5	
Body zero line to windshield cowl point	L130		10.4	
Tire size	L102		(Refer to Page 18)	

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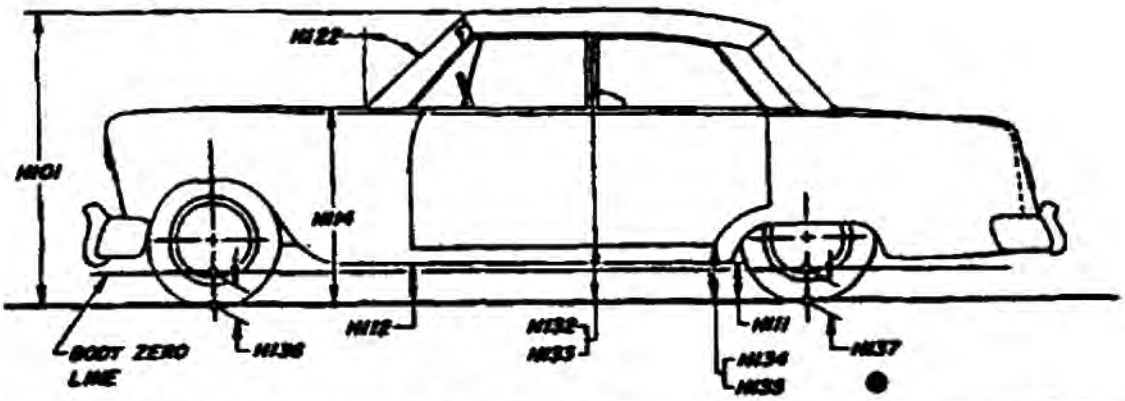
EXTERIOR HEIGHT DIMENSIONS



MODEL	Ref. No.	SEDANS		COUPES	WAGONS
		2-Dr.	4-Dr.		
Overall height	H101	55.0		*54.0	55.1
Hood at rear to ground	H114	37.4			37.5
Rocker panel to ground – front	H112	8.0			
Rocker panel to ground – rear	H111	7.6	7.5		7.4
Bottom of door to ground, open – front	H132	11.3			
Bottom of door to ground, closed – front	H133	11.0			
Bottom of door to ground, open – rear	H134	--	10.7	--	10.7
Bottom of door to ground, closed – rear	H135	--	10.8	--	10.8
Windshield slope angle	H122	48°			
Body seam to ground – front	H136	5.0			
Body seam to ground – rear	H137	5.0			

* - 54.5 on Model 447.

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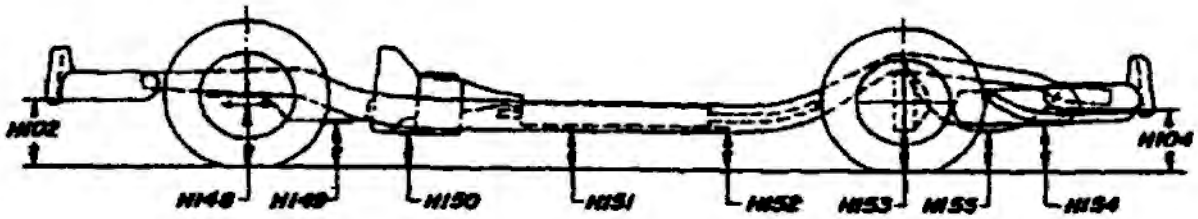
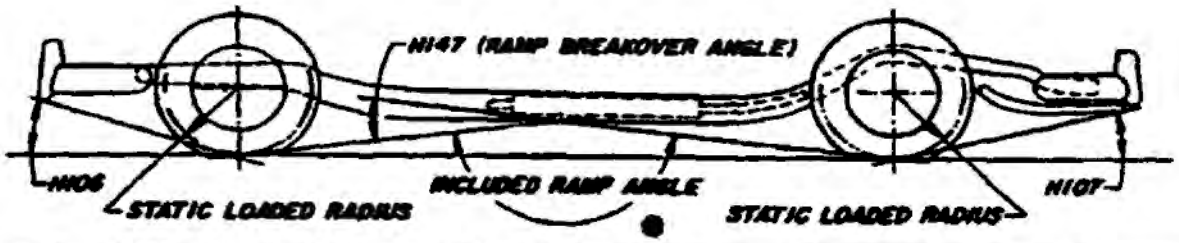
GROUND CLEARANCE DIMENSIONS





MODEL	Ref. No.	SEDANS	COUPES	WAGONS
Front bumper to ground	H102	13.1		13.2
Rear bumper to ground	H104	12.7		10.3
Angle of approach	H106	32.1°		32.7°
Angle of departure	H107	16.3°		14.8°
Ramp breakover angle	H147	12.2°		
Front suspension to ground	H148	5.2		5.8
Oil pan to ground	H149	6.3		6.5
Flywheel housing to ground	H150	5.8		5.9
Frame structure to ground	H151	7.8		7.9
Exhaust system to ground	H152	5.6		5.7
Rear axle differential to ground	H153	5.5		5.9
Fuel tank to ground	H154	7.9		7.8
Spare tire well to ground	H155	—		9.0
Minimum running ground clearance	H156	5.2		5.8

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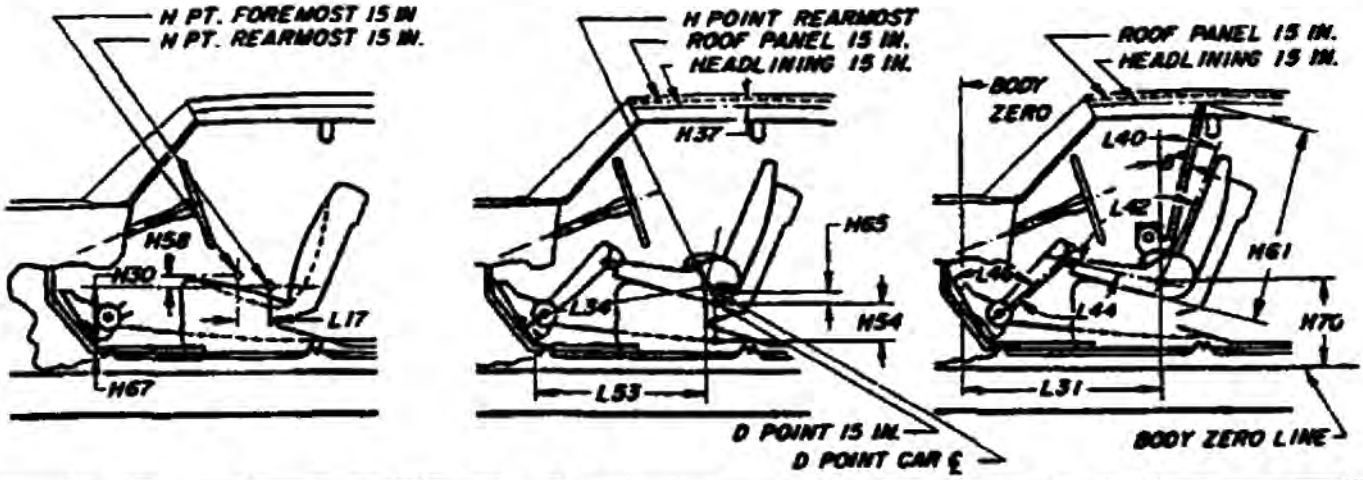
FRONT COMPARTMENT DIMENSIONS



MODEL	Ref. No.	SEDANS	COUPES		WAGONS
			BENCH	BUCKET	
H Point to body zero line	L31	42.3		43.0	42.3
H Point to body zero line – front	H70	NA			
Effective head room	H61	39.0	38.0	38.3	39.0
Headlining to roof height	H37	.5			.7
Maximum effective leg room – accelerator	L34	40.1	40.3	41.1	40.1
H Point to heel point	H30	9.0	9.4	9.2	9.5
Depressed floor covering thickness	H67	.8			.5
Back angle	L40	23.5°		26°	23.5°
Hip angle	L42	92°		96.5°	92.5°
Knee angle	L44	118.5°		123°	119°
Foot angle	L46	81°		83.5°	80.5°
D Point differential, side to center	H65	.3		---	.6
D Point to tunnel	H54	2.3		---	3.0
H Point to accelerator floor point	L53	32.5		33.3	32.5
H Point travel	L17	4.0			
H Point rise	H58	.5		.7	.5

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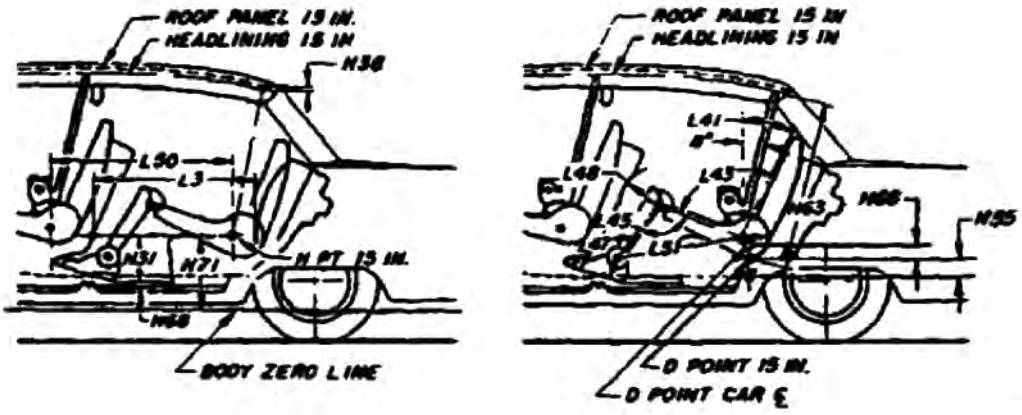
REAR COMPARTMENT DIMENSIONS



MODEL	Ref. No.	SEDANS		COUPES		WAGONS
		2-DR.	4-DR.	BENCH	BUCKET	
H Point couple distance	L50	33.6		32.5	31.8	34.4
H Point to body zero line - rear	H71	NA				
Effective head room	H63	37.6		36.6		37.9
Headlining to roof height	H38	.6		.7		
Minimum effective leg room	L51	36.1		34.9	34.8	37.1
H Point to heel point	H31	11.0		10.8		11.3
Depressed floor covering thickness	H68	.4				
Minimum knee room	L48	4.2		3.3	1.4	4.9
Rear compartment room	L3	28.0		26.9	25.3	28.8
Back angle	L41	26°				28.5°
Hip angle	L43	88°	89.5°	85.5°		94°
Knee angle	L45	94.5°	99°	89°		103°
Foot angle	L47	117°	119°	114.5°		122°
D Point differential, side to center	H66	.5				
D Point to tunnel	H55	2.1		2.3		1.4

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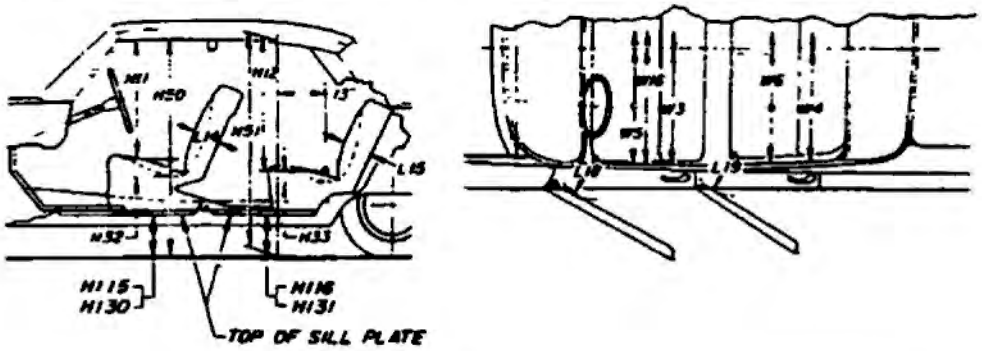
SEAT AND ENTRANCE DIMENSIONS



	Ref. No.	SEDANS	COUPES		WAGONS
			BENCH	BUCKET	
Shoulder room – front	W3	55.3			
Hip room – front	W5	59.2			
Seat width – front	W16	53.1		26.0	53.1
Upper body opening to ground – front	H50	50.2	49.1		50.4
Entrance height – front	H11	31.0	29.6	29.7	31.0
Step height – front (design load)	H115	12.8		13.3	12.4
Step height – front (curb load)	H13K	13.7		14.2	13.6
Entrance foot clearance – front	L18	15.1		16.1	15.1
Seat cushion deflection – front	H32	4.1	3.6	4.2	3.7
Seat back thickness – front	L14	5.9		6.4	5.9
Shoulder room – rear	W4	55.3	54.0		55.3
Hip room – rear	W6	58.9	58.2		58.9
Upper body opening to ground – rear	H51	50.0	---		50.2
Entrance height – rear	H12	28.9	--		30.2
Step height – rear (design load)	H116	12.6	--		12.7
Step height – rear (curb load)	H131	14.5	--		14.5
Entrance foot clearance – rear	L19	12.0	--		12.2
Seat cushion deflection – rear	H33	4.0	3.8		3.2
Seat back thickness – rear	L15	6.0	6.9		5.3

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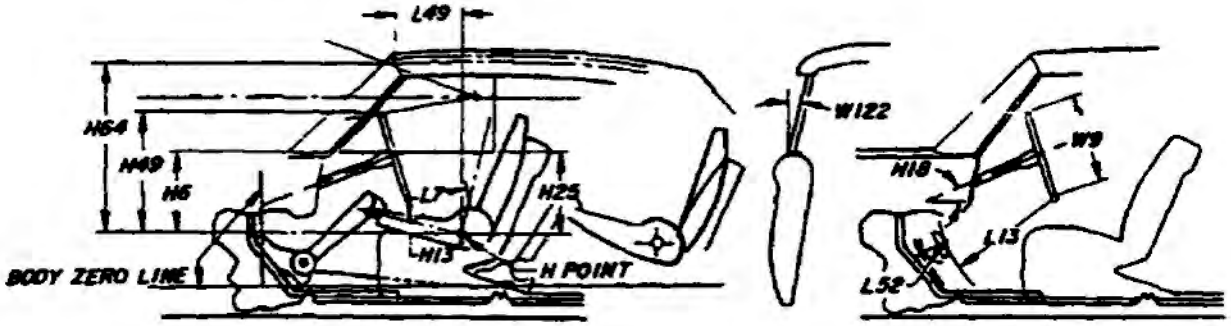
VISION AND CONTROL DIMENSIONS



MODEL	Ref. No.	SEDANS	COUPES		WAGONS
			BENCH	BUCKET	
H Point to windshield bottom DLO	H6	19.9	19.9	19.7	19.7
H Point to windshield upper DLO	H64	32.0	30.4	30.6	32.0
H Point to windshield upper DLO	L49	14.0	15.5	16.4	14.0
Belt height – front	H25	17.4			
Steering wheel center to centerline of car	W7	14.4			
Steering wheel maximum outside diameter	W9	16.5			
Steering column angle – horizontal	H18	26°			
H Point to top of steering wheel	H49	22.5			
Steering wheel torso clearance	L7	11.8		12.6	11.8
Steering wheel thigh clearance	H13	3.3		3.5	3.5
Brake pedal knee clearance	L13	24.0			
Brake pedal to accelerator	L52	3.4			
Tumble-home	W122	12.5°			

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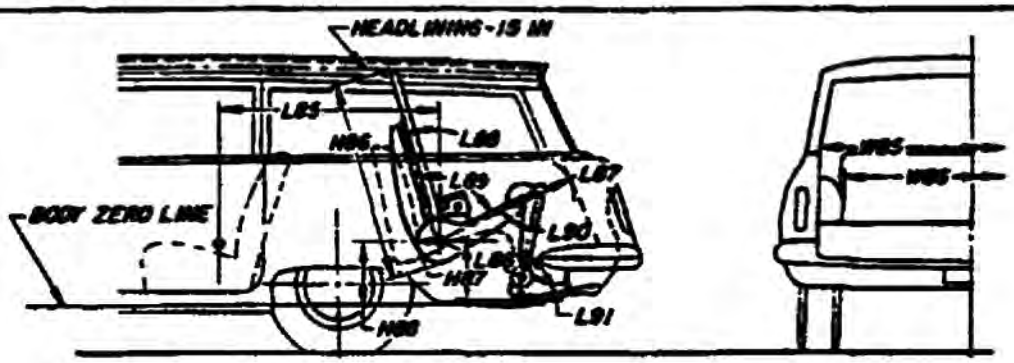
LUGGAGE COMPARTMENT

MODEL	Ref. No.	SEDANS	COUPES	WAGONS
Usable luggage capacity (See instructions)		13.3		----
Liftover height	H195	21.0		----
Position of spare tire storage		Horizontal on Trunk Floor		Vertical, Rr. Qtr.
Method of holding lid open		Torsion Bars counterbalanced		----

THIRD SEAT DIMENSIONS



MODEL	Ref. No.	
Seat facing direction		
Shoulder room	W85	
Hip room	W86	
H Point couple distance	L85	
H Point to body zero line – third seat	H88	
Effective head room	H86	
Effective leg room	L86	NONE
H Point to heel point	H87	
Knee room	L87	
Back angle	L88	
Hip angle	L89	
Knee angle	L90	
Foot angle	L91	

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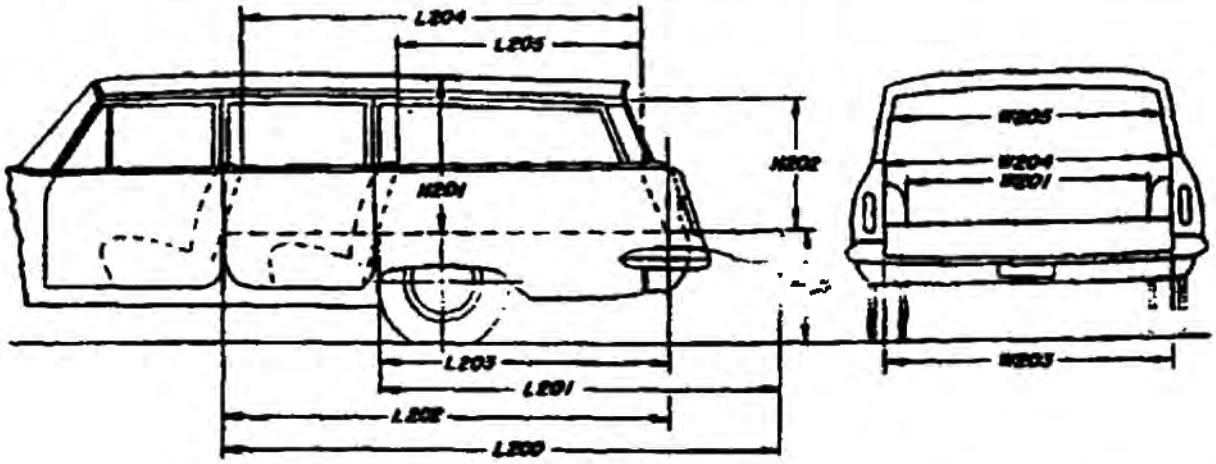
STATION WAGON—CARGO SPACE DIMENSIONS



MODEL	Ref. No.	235-435
Floor length from back of front seat at floor level to end of lowered tail gate or floor	L200	108.3
Floor length from back of second seat at floor level to end of lowered tail gate or floor	L201	74.7
Floor length from back of front seat at floor level to inside of closed tail gate	L202	86.0
Floor length from back of second seat at floor level to inside of closed tail gate	L203	52.4
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	73.2
Minimum horizontal distance from top rear of second seat back to inside of tail gate at belt	L205	37.6
Maximum width of cargo space at floor – specify location	W200	57.3
Minimum distance between wheel houses at floor level	W201	42.8
Rear end opening width at floor	W203	47.3
Rear end opening width at belt	W204	47.0
Maximum width of rear opening above belt	W205	47.0
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	29.0
Platform height from ground to top of tail gate floor covering at rear most edge of tail gate – curb weight	H250	21.6
Rear end closure (e.g., one piece door, hinged left – sliding glass, drop tail gate)		Hinged tailgate torsion rod counterbalanced manual retractable rear window
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$		76.2

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MODEL	Sedans		Coupes	Station Wagons
	2-Dr	4-Dr		

BODY—MISCELLANEOUS INFORMATION

Dr. 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		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 "Lock" or "On" position			
Vent window control method (crank, friction pivot)	Front	Friction Pivot			
	Rear	None			
Seat cushion type	Front	Formed wire and foam pad			
	Rear	Formed spring cotton - jute (a)			
	3rd seat				
Seat back type	Front	Formed wire - cotton			
	Rear	Formed wire - cotton			
	3rd seat				
Windshield glass type (i.e., single curved - laminated plate)		One piece curved, laminated			
Backlight glass type (i.e., compound curved - tempered plate, three piece)		One piece curved safety solid			
Side glass type (i.e., curved - tempered plate)		Flat safety solid			
Side glass exposed surface area		1371.5	1279.0	1250.0	2444.5
Windshield glass exposed surface area		1007.5			
Backlight glass exposed surface area		1073.5		1117.0	698.5
Total glass exposed surface area		3452.5	3360.0	3265.0	4150.5

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

Power windows	Side Windows	NA			
	Vent Windows	NA			
	Backlight or tailgate	Optional on wagons			
Power seats (specify type as well as availability)		NA			
Reclining front seat back		NA			
Front seat headrest		NA			
Radios (specify type as well as availability)		Manual, push button optional			
Rear seat speaker		Optional			
Power Antenna		NA			
Clock		Optional Standard on 447			
Air Conditioner (specify type and availability)		All weather, optional			

(a) - Nova and Nova Super Sport foam pad.

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WEIGHTS

Model	CURB WEIGHT – POUNDS Front	Rear	Total	% PASS. WEIGHT DISTRIBUTION Pass. in Front Front	Pass. in Front Rear	Pass. in Rear Front	Pass. in Rear Rear	SHIPPING * WEIGHT
111 2-Door sedan			2575	29	71			2455
211 2-Door sedan			2670	29	71			2540
235 4-Door wagon			2970	28	72			2840
169 4-Door sedan			2615	29	71			2485
269 4-Door sedan			2710	29	71			2580
411 2-Door sedan			2685	29	71			2560
435 4-Door wagon			2985	28	72			2860
● 437 2-Door Sport Coupe			2780	36	64			2660
469 4-Door Sedan			2725	29	71			2595
● 447 2-Door Sport Coupe			2805	36	64			2675

Accessories & Equipment Differential Weights				Remarks
Air conditioning			+80	
Brakes, power			+ 8	
Heater, deduct			-21	
Steering, power			+30	
Transmission, powerglide			+13	
● 283 Cubic Inch V-8			+143	
Radio, Manual			+ 6	
Radio, push button			+ 9	
Comfort and Convenience			+ 5	

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

Form Rev.

DIMENSION DEFINITIONS

W3 SHOULDER ROOM - FRONT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.

W4 SHOULDER ROOM - REAR. Measured in the same manner as W3.

W5 HIP ROOM - FRONT. The lateral dimension through H Point to trimmed surfaces.

W6 HIP ROOM - REAR Measured in the same manner as W5.

W7 STEERING WHEEL CENTER TO CENTERLINE OF CAR Measured horizontally from steering wheel center to centerline of car. The point at steering wheel center is located in the surface plane of wheel.

W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER..Define if other than round.

W16 SEAT WIDTH - FRONT. The maximum trimmed width of front seat cushion.

W85 SHOULDER ROOM - THIRD SEAT. Measured in the same manner as W3.

W86 HIP ROOM - THIRD SEAT. Measured in the same manner as W5.

W101 TREAD - FRONT. Measured at centerline of tires, with nominal camber, at ground.

W102 TREAD - REAR. Measured at centerline of tires at ground.

W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions.

W106 FRONT FENDER OVERALL WIDTH. Measured at centerline of front wheels, excluding moldings.

W107 REAR FENDER OVERALL WIDTH. Measured at centerline of rear wheels, excluding moldings.

W116 MAXIMUM OVERALL BODY WIDTH. Measured across body, excluding hardware and applied moldings, but including fenders when integral with body.

W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN. Measured with front doors in maximum hold-open position.

W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN. Measured in same manner as W120.

W122 TUMBLE-HOME. The angle from vertical to the front door glass outer surface or the chord of a curved door glass, measured at the front H Point station.

L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at a height tangent to the top of rear seat cushion.

L7 STEERING WHEEL TORSO CLEARANCE. The minimum distance from the back edge of steering wheel, in straight-ahead position, to the Torso Line.

L13 BRAKE PEDAL KNEE CLEARANCE. The minimum dimension from the lower edge of the steering wheel to the brake pedal face centerline.

L14 SEAT BACK THICKNESS - FRONT. The maximum thickness of the seat back, excluding bolsters.

L15 SEAT BACK THICKNESS - REAR. Measured in the same manner as L14.

L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

L18 ENTRANCE FOOT CLEARANCE - FRONT. The minimum horizontal dimension between seat and normal line of door or pillar at a height between the sill plate bead and 4.0 inches above the bead. Door should be in the maximum hold-open position.

L19 ENTRANCE FOOT CLEARANCE - REAR. Measured in the same manner as L18 on four-door models. On two-door styles, the minimum dimension between rear corner of front seat, with front seat back tilted forward, and trimmed lock pillar, built-in quarter armrest panel, or rear seat cushion at a height between the sill plate bead and 4.0 inches above the bead.

L30 BODY ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (-) sign.

L31 H POINT TO BODY ZERO LINE - FRONT. Horizontal dimension.

L34 MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. Measured with the right foot on accelerator pedal.

L40 BACK ANGLE - FRONT. The angle between a vertical line through the H Point and the Torso Line.

L41 BACK ANGLE - REAR. Measured in the same manner as L40.

L42 HIP ANGLE - FRONT. The angle between Torso Line and a line extending from knee pivot center to H Point.

L43 HIP ANGLE - REAR. Measured in the same manner as L42.

L44 KNEE ANGLE - FRONT. The angle between a line from H Point to knee pivot center and a line from the knee pivot center to the ankle pivot center.

L45 KNEE ANGLE - REAR. Measured in the same manner as L44.

L46 FOOT ANGLE - FRONT. The angle between a line extended from the knee pivot center through the ankle pivot center and a line tangent to the sole and heel of manikin bare foot.

L47 FOOT ANGLE - REAR. Measured in the same manner as L46.

L48 MINIMUM KNEE ROOM - REAR. The minimum dimension from the knee pivot center to the back of front seat back.

L49 H POINT TO WINDSHIELD UPPER DLO. The horizontal dimension from H Point to the point of tangency of horizontal line of vision (described in dimension H64) with body upper structure.

DIMENSION DEFINITIONS (cont.)

L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point

L51 MINIMUM EFFECTIVE LEG ROOM - REAR. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. Measured with the foot positioned to nearest interference between seat structure and toe, instep or lower leg.

L52 BRAKE PEDAL TO ACCELERATOR. The minimum dimension from center of brake pedal face to accelerator Measured in the side view

L53 H POINT TO ACCELERATOR FLOOR POINT. The horizontal dimension from intersection of accelerator and depressed floor covering to the H Point.

L85 H POINT COUPLE DISTANCE - THIRD SEAT. The horizontal dimension from the second seat H Point to the third seat H Point.

L86 EFFECTIVE LEG ROOM - THIRD SEAT. Measured in the same manner as L51. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.

L87 KNEE ROOM - THIRD SEAT. Measured in the same manner as L48. With rear-facing third seat, dimension is measured to rear closure

L88 BACK ANGLE - THIRD SEAT. Measured in the same manner as L40.

L89 HIP ANGLE - THIRD SEAT. Measured in the same manner as L42.

L90 KNEE ANGLE - THIRD SEAT. Measured in the same manner as L44.

L91 FOOT ANGLE - THIRD SEAT. Measured in the same manner as L46.

L101 WHEELBASE

L102 TIRE SIZE.

L103 OVERALL LENGTH. Include bumper guards if standard equipment.

L104 OVERHANG - FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.

L105 OVERHANG - REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.

L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the theoretical intersection of extended windshield glass plane and normal cowl surface to the theoretical intersection of extended back window glass plane and normal deck surface, or in the case of a Fastback roof or Station Wagon, to back glass lower reveal molding, or rubber when molding is not used

L127 BODY ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension

L128 HOOD LENGTH AT CAR CENTERLINE. The horizontal dimension from the foremost point on sheet metal hood surface, excluding series identification or ornamentation, to the theoretical intersection of extended windshield glass plane and normal cowl surface.

L129 DECK LENGTH AT CAR CENTERLINE The horizontal dimension from the rearmost point of the body sheet metal (visible above bumper), excluding series identification or ornamentation, to the theoretical intersection of extended back window glass plane and normal deck surface.

L130 BODY ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from body zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface

H6 H POINT TO WINDSHIELD BOTTOM DLO. Vertical dimension.

H11 ENTRANCE HEIGHT - FRONT. The vertical dimension from H Point to upper trimmed body opening

H12 ENTRANCE HEIGHT - REAR The vertical dimension from H Point to the upper trimmed body opening at a section 13.0 inches forward of the H Point

H13 STEERING WHEEL THIGH CLEARANCE. The minimum dimension from the bottom of steering wheel, in straight-ahead position, to centerline of thigh.

H18 STEERING COLUMN ANGLE - HORIZONTAL The angle the centerline of steering column makes with the horizontal.

H25 BELT HEIGHT - FRONT The vertical dimension from H Point to bottom of side window DLO.

H30 H POINT TO HEEL POINT - FRONT. The vertical dimension from the H Point to the manikin accelerator heel point on the depressed floor covering.

H31 H POINT TO HEEL POINT - REAR. The vertical dimension from the H Point to the manikin heel point on the depressed floor covering.

H32 SEAT CUSHION DEFLECTION - FRONT. The vertical dimension from a point on the undepressed seat cushion to the depressed seat cushion. Measured at the H Point station.

H33 SEAT CUSHION DEFLECTION - REAR. Measured in the same manner as H32.

H37 HEADLINING TO ROOF HEIGHT - FRONT. The dimension from the intersection of the headlining and the extended effective head room line to the roof panel Measured perpendicularly to the roof panel.

H38 HEADLINING TO ROOF HEIGHT - REAR. Measured in the same manner as H37

H49 H POINT TO TOP OF STEERING WHEEL. The vertical dimension from the H Point to top of steering wheel, in straight-ahead position

H50 UPPER BODY OPENING TO GROUND - FRONT. The vertical dimension from a point on the trimmed body opening to the ground. Measured at the H Point station.

H51 UPPER BODY OPENING TO GROUND - REAR. The vertical dimension from a point on the trimmed body opening to the ground. Measured 13.0 inches forward of the H Point.

DIMENSION DEFINITIONS (cont.)

H54 D POINT TO TUNNEL - FRONT. The vertical dimension from the D Point, at car centerline, to top of tunnel.

H55 D POINT TO TUNNEL - REAR. Measured same manner as H54

H58 H POINT RISE. The vertical dimension between the H Point in the most forward and rearward seat position.

H61 EFFECTIVE HEAD ROOM - FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

H63 EFFECTIVE HEAD ROOM - REAR. Measured same as H61.

H64 H POINT TO WINDSHIELD UPPER DLO. Vertical dimension from H Point to highest horizontal line of vision through windshield at 15 inch section.

H65 D POINT DIFFERENTIAL, SIDE TO CENTER - FRONT. Vertical dimension from side occupant to center occupant D Point.

H66 D POINT DIFFERENTIAL, SIDE TO CENTER - REAR. Measured in the same manner as H65.

H67 DEPRESSED FLOOR COVERING THICKNESS - FRONT. The vertical dimension from manikin accelerator heel point normally to underbody sheet metal immediately below heel point.

H68 DEPRESSED FLOOR COVERING THICKNESS - REAR. Measured same as H67.

H70 H POINT TO BODY ZERO LINE - FRONT. Vertical dimension.

H71 H POINT TO BODY ZERO LINE - REAR. Vertical dimension.

H86 EFFECTIVE HEAD ROOM - THIRD SEAT. Measured in the same manner as H61

H87 H POINT TO HEEL POINT - THIRD SEAT. Measured in the same manner as H31.

H88 H POINT TO BODY ZERO LINE - THIRD SEAT. Vertical dimension.

H101 OVERALL HEIGHT. Measured with full design load.

H102 FRONT BUMPER TO GROUND. Minimum dimension

H104 REAR BUMPER TO GROUND. Minimum dimension.

H106 ANGLE OF APPROACH. The angle between the ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e. bumper, guard, gravel deflector, fender or other interfering component, excluding license plate.

H107 ANGLE OF DEPARTURE. The angle between the ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e. bumper, guard, gravel deflector, tail pipe, fender or other interfering component, excluding license plate

H111 ROCKER PANEL TO GROUND - REAR. The vertical dimension from ground to bottom of rocker panel, exluding flanges. Measured at front of rear wheel opening.

H112 ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured at foremost point of rocker panel.

H114 HOOD AT REAR TO GROUND. Measured from hood opening line on shroud, exclusive of moldings.

H115 STEP HEIGHT - FRONT (DESIGN LOAD). The vertical dimension from top of sill plate bead, at C/L of front door sill plate, to ground.

H116 STEP HEIGHT - REAR (DESIGN LOAD). Measured in same manner as dimension H115.

H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.

H130 STEP HEIGHT - FRONT (CURB LOAD). The vertical dimension from top of sill plate, at C/L of front door sill plate, to ground.

H131 STEP HEIGHT - REAR (CURB LOAD). Measured same as H130.

H132 BOTTOM OF DOOR TO GROUND, OPEN - FRONT. Measured from bottom outside corner of door with door in maximum hold-open position.

H133 BOTTOM OF DOOR TO GROUND, CLOSED - FRONT. Same point on door as H132 dimension, with door closed.

H134 BOTTOM OF DOOR TO GROUND, OPEN - REAR. Measured in same manner as H132.

H135 BOTTOM OF DOOR TO GROUND, CLOSED - REAR. Measured in same manner as H133

H136 BODY ZERO TO GROUND - FRONT. A vertical dimension measured at front wheel centerline.

H137 BODY ZERO TO GROUND - REAR. A vertical dimension measured at rear wheel centerline.

H147 RAMP BREAKOVER ANGLE. Supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference, measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.

H148 FRONT SUSPENSION TO GROUND. Minimum clearance from lower control arm inner shaft or lowest point on the car centerline.

H149 OIL PAN TO GROUND. Minimum clearance measured from sheet metal or drain plug.

H150 FLYWHEEL/CONVERTER HOUSING AND TRANSMISSION ASSEMBLY TO GROUND. Minimum clearance.

H151 FRAME STRUCTURE TO GROUND. Minimum clearance measured approximately midway between front and rear axles. In this measurement, cross bars and X-members shall be considered part of frame.

H152 EXHAUST SYSTEM TO GROUND. Minimum clearance. Specify location.

H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND. Minimum clearance.

H154 FUEL TANK TO GROUND. Minimum clearance measured from sheet metal or drain plug, but excluding supports or straps.

H155 SPARE TIRE WELL TO GROUND. Minimum clearance.

H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

H195 LIFTOVER HEIGHT. Vertical dimension from luggage compartment lower opening to ground.

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