

AMA Specifications – Passenger Car.

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MANUFACTURER CHRYSLER-PLYMOUTH DIVISION CHRYSLER CORPORATION	CAR NAME CHRYSLER	
MAILING ADDRESS DETROIT 31, MICHIGAN	MODEL YEAR 1964	ISSUED: 8-16-63
		REVISED (e)

NOTES:

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

TABLE OF CONTENTS

General Specifications 1	Drive Units 15	Rear Suspension 21	Body & Car - General 22
Engine - Mechanical 2	Brakes 18	Body Dimensions 22	Weights 33
Electrical 10	Front Suspension & Steering . . 19	Station Wagon 31	Index 37

BODY—TYPES AND STYLE NAMES—		Body type, number of passenger & style names; use manufacturer's code for series & body style.				
		NEWPORT VC1-L	300 VC2-M	300 K VC2-M	NEW YORKER VC3-H	NEW YORKER SALON VC3-H
2-DOOR HARDTOP	23	VC1-L-23	VC2-M-23	VC2-M-23	--	--
CONVERTIBLE COUPE	27	VC1-L-27	VC2-M-27	VC2-M-27	--	--
4-DOOR SEDAN	41	VC1-L-41	--	--	VC3-H-41	--
4-DOOR HARDTOP	43	VC1-L-43	VC2-M-43	--	VC3-H-43	VC3-H-43
4-DOOR HARDTOP STATION WAGON, 6-PASS.	46	VC1-L-46	--	--	VC3-H-46	--
4-DOOR HARDTOP STATION WAGON, 9-PASS.	46	VC1-L-46	--	--	VC3-H-46	--



AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-16-63 REVISED(•) _____

GENERAL SPECIFICATIONS - Standard Equipment

(All dimensions in inches unless otherwise indicated)

MODEL	Additional Information Page No.:	VC1-L			VC2-M				VC3-H		
		23, 41, 43	27	46	300		300K		New Yorker		Salon 43
Wheelbase (L101)	23	122.0									
Tread	Front (W101)	61.0									
	Rear (W102)	59.7									
Maximum Overall Dimensions	Length (L103)	215.3		219.4		215.3				219.4	215.3
	Width (W103)	80.0									
	Height (H101)	55.1	55.3	55.4	55.1	55.3	55.1	55.3	55.5	55.7	55.2
Transmission— (Specify trade name – opt., not available)	Manual	3-Speed 15		Std.				--			
		4-Speed 16		NA		Opt.		NA			
	Automatic 16	Opt.				Std.					
Axle ratio	Manual	3-Speed 17		3.23				--			
		4-Speed 17		3.23				--			
	Automatic 17	2.76		3.23				2.76			
Tire size	18	8.00 x 14						8.50 x 14		9.00 x 14	
Engine	Type, no. cyl., valve arr.	90° V-8									
	Fuel system (Carb., other)	Carb. 2-bbl				Carb. 4-bbl					
	Bore and stroke	4.12 x 3.38		4.25 x 3.38		4.19 x 3.75					
	Piston displ., cu.in.	361		383		413					
	Std. compression ratio	9.0		10.0		10.1					
	Max. bhp at engine rpm	265 @ 4400		305 @ 4600		360 @ 4800		340 @ 4600			
	Max. torque at rpm	380 @ 2400		410 @ 2400		470 @ 3200		470 @ 2800			

AMA Specifications—Passenger Car

MAKE OF CAR	CHRYSLER		MODEL YEAR	1964	DATE ISSUED	8-16-63	REVISED (a)	
	VC1-L	VC2-M			VC3-H			
MODEL	Std.	300	Opt.	300K	Std.	Opt.	Std.	

ENGINE—GENERAL

Type, no. cyls., valve arr.		90° V-8				
Bore and stroke (nominal)		4.12 x 3.38	4.25 x 3.38	4.19 x 3.25		
Piston displacement, cu. in.		361	383	413		
Bore spacing (C/L to C/L)		4.80				
No. system (front to rear)	L. Bank	1 - 3 - 5 - 7				
	R. Bank	2 - 4 - 6 - 8				
Firing order		1 - 8 - 4 - 3 - 6 - 5 - 7 - 2				
Compres. ratio (nominal)		9.0	10.0	10.1	9.6	10.1
Cylinder Head Material		Cast iron				
Cylinder Block Material		Cast iron				
Cylinder Sleeve—Wet, dry, none		None				
Number of mounting points	Front	Two				
	Rear	One				
Engine installation angle		1° Right, 3.5° Up				
Taxable horsepower <small>Dis. 2 x No. Cyl. 2.5</small>		54.3	57.8	56.2		
Published max. bhp* @ eng. RPM		265 @ 4400	305 @ 4600	360 @ 4800	390 @ 4800	340 @ 4600
Published max. torque* (lb. ft. @ RPM)		380 @ 2400	410 @ 2400	470 @ 3200	485 @ 3600	470 @ 2800
Recommended fuel regular - premium		Regular		Premium		
Idle speed (spec. neutral or drive)	Manual	500 (a)			700 (a)	500 (a)
	Automatic	500 (a)			700 (a)	500 (a)

ENGINE—PISTONS

Material		Aluminum alloy				
Description and finish		Slipper-type, steel strut, elliptically-turned, tin-plated				
Weight (piston only) oz.		25.3	27.1	27.5		
Clearance (limits)	Top land		.032 - .038			
	Skirt	Top	.0005 - .0015 specified, .00075 - .00125 desired			
		Bottom	--			
Ring groove depth	No. 1 ring		.215	.220	.217	
	No. 2 ring		.215	.220	.217	
	No. 3 ring		.204	.208	.206	
	No. 4 ring		None			

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

(a) In neutral.

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-19-63 REVISED(*) _____

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY		ENGINE					TRANSMISSION	AXLE RATIO (Std. first) Sure-Grip differential, Optional, all ratios.
		Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
VC1-L	Std	361	1, 2-bbl	9.0	265 @ 4400	380 @ 2400	Manual 3-Speed	3.23
							Automatic	2.76, 3.23
VC2-M 300	Std	383	1, 2-bbl	10.0	305 @ 4600	410 @ 2400	Manual 3-Speed	3.23
							Manual 4-Speed	3.23
	Automatic		3.23					
	Opt	413	1, 4-bbl	10.1	360 @ 4800	470 @ 3200	Manual 3-Speed	3.23
Manual 4-Speed							3.23	
Automatic		3.23						
VC2-M 300 K	Std	413	1, 4-bbl	10.1	360 @ 4800	470 @ 3200	Automatic	3.23
							Manual 4-Speed	3.23
	Opt	413	2, 4-bbl Ram	9.6	390 @ 4800	485 @ 3600	Automatic	3.23
							Manual 4-Speed	3.23
VC3-H New Yorker	Std	413	1, 4-bbl	10.1	340 @ 4600	470 @ 2800	Automatic	2.76, 3.23
VC3-H Salon	Std	413	1, 4-bbl	10.1	340 @ 4600	470 @ 2800	Automatic	2.76

AMA Specifications - Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-19-63	REVISED	(a)
		See Page 2 for engine usage					
MODEL	361 cu in.	383 cu in.	413 cu in.				

ENGINE-RINGS

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil
	No. 4, oil or comp.	None
Compression	Description - material, type, coating, etc.	Cast iron, standard taper and twist, tin-plated
	Width	.078
	Gap	.013 - .025
Oil	Description - material, type, coating, etc.	Cast iron, single piece
	Width	.186
	Gap	.013 - .025
Expanders	Oil ring only: standard tension, hump type	

ENGINE-PISTON PINS

Material	High manganese steel		
Length	3.565		
Diameter	1.094		
Type	Locked in rod, in piston, floating, etc.	Press-fit in rod	
	Bushing	In rod or piston	None
		Material	--
Clearance	In piston	.00045 - .00075	
	In rod	.0007 - .0014 interference	
Direction & amount offset in piston	.09 right		

ENGINE-CONNECTING RODS

Material	Drop-forged steel	
Weight (oz.)	28.6	29.8
Length (center to center)	6.36	6.77
Bearing	Material & Type	Lead-base babbitt on steel, removable, precision
	Overall length	.927
	Clearance (limits)	.0005 - .0015
	End play	.009 - .017 (2 rods)

AMA Specifications—Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964
		DATE ISSUED	8-19-63
		REVISED (*)	
MODEL	361, 2-bbl 383, 2-bbl	413, 4-bbl	413, 2, 4-bbl Ram

See Page 2 for engine usage

ENGINE—CRANKSHAFT

Material	Drop-forged steel			
Vibration damper type	Non-adhesion, dynamic			
End thrust taken by bearing (No.)	Three			
Crankshaft end play	.002 - .007			
Main bearing	Material & type	Numbers 1, 2, 4, & 5: Lead-base babbitt on steel, removable, precision Number 3: Tin-base babbitt on steel		
	Clearance	.0002 - .0022 specified, .0005 - .0015 desired		
	Journal dia. and bearing overall length	No. 1	2.625 x 0.944	2.750 x 0.944
		No. 2	2.625 x 0.944	2.750 x 0.944
		No. 3	2.625 x 1.221	2.750 x 1.221
		No. 4	2.625 x 0.944	2.750 x 0.944
		No. 5	2.625 x 0.944	2.750 x 0.944
		No. 6		--
No. 7			--	
Dir. & amt. cyl. offset			None	
Crankpin journal diameter	2.375			

ENGINE—CAMSHAFT

Location	Center of "V", above crankshaft		
Material	Hardenable cast iron; cams and drive gear for distributor and oil pump cast integrally		
Bearings	Material	Lead-base babbitt on steel	
	Number	Five	
Type of Drive	Gear or chain	Chain	
	Crankshaft gear or sprocket material	Malleable cast iron or sintered iron (Super Oilite)	
	Camshaft gear or sprocket material	Cast iron	
	Timing chain	No. of links	50
Width		.88	
Pitch		.50	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)	Std	NA
Valve rotator, type (Intake, exhaust)	Low-friction lock on exhaust	
Rocker ratio	1.5	
Operating tappet clearance (indicate hot or cold)	Intake	.017 Cold
	Exhaust	.028 Cold
Timing marks on flywheel, damper, other	Stationary indicator on chain case cover	

(Continued)

A.M.A Specifications—Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-19-63	REVISED (*)
MODEL	VC1-L Std VC2-M 300 Std VC3-H Std	VC2-M 300 Opt VC2-M 300 K Std	VC2-M 300 K Opt			

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	13	24	18	
		Closes (°ABC)	59	64	70	
		Duration - deg.	252	268	268	
	Exhaust	Opens (°BBC)	59	64	66	
		Closes (°ATC)	13	24	22	
		Duration - deg.	252	268	268	
	Valve opening overlap		26	48	40	
Intake	Material		SAE 1041			
	Overall length		4.87			
	Actual overall head dia.		2.08			
	Angle of seat & face		45°			
	Seat insert material		None			
	Stem diameter		.37			
	Stem to guide clearance		.001 - .003			
	Lift (@ zero lash)		.392	.430	.445	
	Outer spring press. and length	Valve closed (lb. @ in.)	100 @ 1.86		90 @ 1.86	
		Valve open (lb. @ in.)	195 @ 1.47		225 @ 1.43	
	Inner spring press. and length	Valve closed (lb. @ in.)	None	Damper only		
		Valve open (lb. @ in.)	None	Damper only		
	Exhaust	Material		21-4N		
		Overall length		4.89		
Actual overall head dia.		1.60	1.74			
Angle of seat & face		45°				
Seat insert material		None				
Stem diameter		.37				
Stem to guide clearance		.002 - .004				
Lift (@ zero lash)		.390	.430	.452		
Outer spring press. and length		Valve closed (lb. @ in.)	100 @ 1.86		90 @ 1.86	
		Valve open (lb. @ in.)	195 @ 1.47		225 @ 1.43	
Inner spring press. and length		Valve closed (lb. @ in.)	None	Damper only		
		Valve open (lb. @ in.)	None	Damper only		

ENGINE—LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Metered jet spray
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Jet
	Cylinder walls	Metered jet spray

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-19-63	REVISED (a)	
MODEL	VC1-L VC2-M 300 VC3-H, Sd & HT	VC3-H Station Wagon	VC2-M 300 Opt VC2-M 300K Std	VC2-M 300 K Opt			

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary
Normal oil pressure (lb. @ engine rpm)	45 - 65 @ 2000
Oil pressure sending unit (elect. or mech.)	Electrical
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Complete
Capacity of crankcase, less filter-refill (qt.)	5
Oil grade recommended (SAE viscosity and temperature range)	Above +32 F SAE 10W-30 or SAE 30 As low as +10 F SAE 10W-30 or SAE 10W As low as -10 F SAE 5W-20, SAE10W-30, Below -10 F SAE 5W-20, SAE 5W
Engine Service Requirement (MM, MS, etc.)	

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single, with Crossover		Dual	
Muffler No. & type (reverse flow, straight thru, separate resonator)	(a)	(b)		Two, reverse flow
Exhaust pipe dia. (O.D. & wall thickness)	2.00 x .083		--	
	2.50 x .083	2.00 x .083	2.25 x .083	2.50 x .083
Tail pipe diameter (O.D. & wall thickness)	2.00 x .048	1.75 x .048	2.00 x .048	2.25 x .075

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Induction system
	Optional	--
Control unit	Make and model	Chicago Screw - 2463554
	Location	Cylinder head cover outlet
	Energy source (manifold vacuum, carburetor air stream, other)	Manifold
	Control method (variable orifice, fixed orifice, other)	Variable orifice
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other)	To intake manifold, at or through base of carburetor
	Air inlet (breather cap, carburetor air cleaner, other)	Breather cap
	Flame arrestor (screen, check valve, other)	Check valve

- (a) Two - One reverse flow, one straight-through resonator.
- (b) Four - Two reverse flow, two straight-through resonators.

AMA Specifications— Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-19-63 REVISED (*)

All Models

MODEL _____

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.)	All except station wagon - 23, station wagon - 21	
	Filler location	Behind rear license plate; sta. wag. - top of left rear fender	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Right front	
	Pressure range	4 - 5.5 psi	
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Fuel tank - plastic, fuel line - paper	
	Locations	In fuel tank and in line between fuel pump and carburetor	
Carburetor	Choke type	Automatic, separate (a)	
	Intake manifold heat control (exhaust or water)	Exhaust	
	Air clnr. type)	Standard	Paper element
		Optional	--

(a) Manually-operated choke is used for 300 K option engine.

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size	
			Make	Model			
VC1-L	Std	361	Manual Automatic	Stromberg	WWC 3-244 WWC 3-242	1, 2-bbl	1-9/16
VC2-M 300	Std	383	All	Ball and Ball	BBD 3685 S	1, 2-bbl	1-9/16
	Opt	413					
VC2-M 300 K	Std	413	All	Carter	AFB 3614 S (2) AFB 3505 SA	1, 4-bbl 2, 4-bbl Ram	P: 1-7/16 S: 1-9/16 P: 1-7/16 S: 1-11/16
	Opt						
VC3-H	Std	413	Automatic	Carter	AFB 3615 S	1, 4-bbl	P: 1-7/16 S: 1-9/16

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER	MODEL YEAR 1964	DATE ISSUED 8-19-63	REVISED (a)
MODEL	Std. Equip. VC1-L, VC2-M 300, VC2-M 300 K, VC3-H	With Air Conditioning (a) VC1-L VC2-M 300	VC2-M 300 K VC3-H

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure-Vent	
Radiator cap relief valve pressure		14, 16 with air conditioning	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at (°F)	177 - 184	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM @ 1000 pump rpm	NA	
	Number of pumps	One	
	Drive (V-belt, other)	V-belt	
Bearing type		Ball, permanently-sealed	
By-pass recirculation type (internal, external)		Internal	
Radiator core type (cellular, tube and fin, other)		Tube and spacer	
Cooling system capacity	With heater (qt.)	17	
	Without heater (qt.)	16	
	Opt. equipment-specify (qt.)	None	
Water jackets full length of cylinder (yes, no)		No	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	Water pump end 1.75, radiator end 1.50
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	None
		Inside diameter	--
Fan	Number of blades & Spacing	Four, 76° - 104° (b)	Seven, 60° - 45° - 59° - 47° - 54° - 50° - 45°
	Diameter	18	
	Ratio-fan to crankshaft rev.	.95 to 1	1.29 to 1
	Fan cutout type	None (c)	Viscous drive
	Bearing type	See water pump above	
* Drive belts (Indicate belt used by letter)	Fan & Water Pump	A	C
	Generator Alternator	A	D (2) E (2)
	Water Pump		
	Power Steering	B	
Air Conditioning	--	D (2) E (2)	

* Drive Belt Dimensions	A	B	C	D	E
Angle of V	36°				
Nominal length (SAE)	46.25	43.00	34.25	66.35	67.50
Width	.38	.50	.38	.47	

- (a) Air conditioning is not available either with manual steering or with manual transmission.
- (b) Seven-blade fan is standard for 300 K.
- (c) Viscous drive is standard for 300 K with optional engine.

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-19-63	REVISED (a)
MODEL	VC1-L		300	VC2-M	300 Opt 300 K	VC3-H

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Various			
	Voltage Rtg. & Total Plates	12, 66	12, 78		
	SAE Designation & Amp Hr. Rtg	9 HC 3A, 59	9 HC 5, 70		
	Location	Left front fender shield			
Alternator	Terminal grounded	Negative			
	Make	Chrysler			
	Model	2098830			
	Type	Three-phase, full-wave rectifier			
	Ratio—Gen. to Cr/s rev.	2,32; with A/C 2.44	2,32; with A/C 2.40		
	Gen. cut-in (hot)—engine rpm	Not applicable			
Regulator	Make	Chrysler			
	Model	2098300			
	Type	Voltage only			
	Cutout relay	Closing voltage @ generator rpm	--		
		Reverse current to open	--		
	Regulated	Voltage	13,7 to 14,3 @ 70 F		
		Current	--		
	Voltage test conditions	Temperature	70 F		
		Load	15-amp		
		Other	Run 15 min. @ 1200 engine rpm		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Chrysler			
	Model	Manual 1889200	Automatic 2095150	2095150	
	Rotation (drive end view)	Clockwise			
	Engine cranking speed	35 rpm (cold)			
	Test conditions	- 20 F with SAE 5W-20 engine oil			
	Lock test	Amps	350	400 - 450	400 - 450
		Volts	4	4	4
		Torque (lb. ft.)	8,5	--	--
	No load test	Amps	78 max.	90 max.	90 max.
		Volts	11	11	11
RPM (min.)		3800	1925 - 2400	1925 - 2400	
Motor control	Switch (solenoid, manual)	Solenoid			
	Starting procedure	With transmission in neutral, depress accelerator pedal one-third and turn ignition key beyond "Ignition On" position			

(Continued)

AMA Specifications – Passenger Car

Page 11

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964
		DATE ISSUED	8-19-63
		REVISED (a)	
MODEL	VC1-L VC2-M 300 Std. Equip.	VC2-M 300 Opt VC2-M 300 K Std	VC2-M 300 K Opt VC3-H

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Solenoid	
	Pinion meshes (front, rear)	Front	
	Number of teeth	Pinion	w/manual trans. 9; w/auto. trans. 10
		Flywheel	172
	Flywheel tooth face width	.340	

ELECTRICAL—IGNITION SYSTEM

Coil	Make	Prestolite or Essex w/Chrysler-built resistor				
	Model	Prestolite 200759, Essex 67-160-4				
	Amps	Engine stopped	3.0			
Engine idling		1.9				
Distributor	Make	Chrysler	Prestolite		Chrysler	
	Model	2444261	IBS-4011 C	IBS-4011 D	2444263	
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0 @ 500 - 900	0 @ 650 - 950	0 @ 1050 - 1350	0 @ 620 - 980
		Intermediate points deg. @ rpm	0 - 4 @ 900	0 - 8 @ 950	0 - 6 @ 1350	0 - 4 @ 980
			5 - 9 @ 1400	9 - 13 @ 1280		7 - 11 @ 1600
	Max deg. @ rpm	21 - 25 @ 4300	18 - 22 @ 4800	9 - 13 @ 1820	17 - 21 @ 4600	
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	0 @ 4.5 - 8.0	0 @ 7.2 - 8.9	0 @ 6 - 9	0 @ 6 - 9
		Intermediate points, deg @ in Hg.	12 - 18 @ 12	9 - 15 @ 12	9 - 15 @ 12	6 - 12 @ 11
			23 - 29 @ 16.5	15 - 21 @ 14.5	15 - 21 @ 14.3	12 - 17 @ 13
	Breaker gap (in.)	.014 - .019				
Cam angle (deg.)	28 - 33	One set 27-32, Two sets 34-40		28 - 33		
Breaker arm tension (oz.)	17 - 20	17 - 21.5		17 - 20		
Timing	Crankshaft deg. @ rpm.	10 BTC		12.5 BTC	10 BTC	
	Mark location	Stationary indicator on chain case cover				
	Cylinder numbering system (see page 2)	Left bank: 1 - 3 - 5 - 7				
		Right bank: 2 - 4 - 6 - 8				
Firing order (see page 2)	1 - 8 - 4 - 3 - 6 - 5 - 7 - 2					
Spark Plug	Make and model	Champion				
		J 12 Y	J 10 Y	XJ 10 Y	J 12 Y	
	Thread (mm)	14-mm				
	Tightening torque (lb. ft.)	30 - 32				
Gap	.035					
Cable	Conductor type	Resistor				
	Insulation type	Synthetic rubber with hypalon jacket (a)				
	Spark plug protector	Silicone				

ELECTRICAL—SUPPRESSION

Locations & type	Resistor-type spark plug and coil leads
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(a) 300 K option uses synthetic rubber with silicone jacket.

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-19-63 REVISED (•)

All Models

MODEL _____

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make Trip odometer (yes, no)	Stewart-Warner Yes Ammeter	
Charge indicator—type		Electric-Thermal	
Temperature indicator—type		Light	
Oil pressure indicator—type		Electric-Thermal	
Fuel indicator—type			
Other		None	
Ignition switch	Identify positions in order and circuits controlled	Center position Off 1st position clockwise Ignition and accessory circuit only 2nd position clockwise Starter and ignition circuit only 1st position counterclockwise Accessory circuit only	
	Provision for illumination	Yes	
	Location	Right of steering column	
Main lighting switch	Identify positions and lamps controlled	Full in Off 1st position out Instruments, tail, parking, and license plate lamps Full out Instruments, tail, head, and license plate lamps	
Other light switches	Locations and lamps controlled	INSTRUMENT LAMPS: Variable rheostat, concentric with head lamp switch. OIL PRESSURE SWITCH: Engine. DOME LAMP: Integral with head lamp switch. AUTOMATIC DOOR SWITCH: Both front doors. STOP LAMP SWITCH: Brake pedal. DIRECTIONAL SIGNAL SWITCH: Lever on steering column below steering wheel.	
Other switches	Locations and devices controlled	WINDSHIELD WIPER SWITCH - One-speed, left of steering column (Variable-speed optional) HEATER CONTROL - Two-speed, by push buttons right of steering column DEFROSTER CONTROL - Push button, right of steering column AIR VENT - Push button, right of steering column	
Windshield wiper	Make	Autolite or Leece-Neville	
	Type	Electric	
	Vacuum booster provision	None	
Horn	Washer provision	Yes	
	Type	Sea Shells	
	Number used	Two	
	Amp draw (each)	Sparton Automotive: 6 - 8 amp; Autolite: 8 - 10 amp	

ex libris Dacoglu (Not For Profit Use Only)

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER		MODEL YEAR	1964	DATE ISSUED	8-19-63	REVISED (e)	
	VC1-L		VC2-M		VC3-H			
MODEL	Exc. 46	46	300	300K	Exc. 46	46	Salon	

ELECTRICAL—LAMP BULBS

NOTE: See Below

Give quantity used and trade number, e.g., Headlamp 2-5400 5, dual headlight 2-4001, 2-4002.

Headlamps & arrangement		Hi-beam 2-4001, Lo-beam 2-4002					
Headlamp beam indicator		1-57					
Parking		2-1034 A (A)					
Tail		2-1034 (B)					
Stop		(B)					
Direction signal	Front	(A)					
	Rear	(B)					
	Indicator	2-57					
License Plate		1-67	2-67	1-67	2-67	1-67	
Oil pressure indicator		1-57					
Charge indicator		Gauge					
Instrument		5-57 (C)					
Clock		(C)					
Radio		2-53X*					

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

Ignition lock		1-53X					
Back up		2-1003*	2-1073	2-1003*	2-1003	2-1073	2-1003
Dome, Center		1-1004 (a)					
Glove compartment		1-1891*			1-1891		
Prkg. brake signal		1-57*			1-57		NA
Luggage compartment		1-1004*	NA	1-1004*	1-1004	NA	1-1004
Underhood		1-1004* (b)					
Courtesy/ Man.		1-1004*			1-1004		
Dome, Rear		NA	1-1004* (c)		NA	1-1004* (c)	NA
Trans. Push Buttons		NA		1-53X			
Ash Receiver		1-53					
Heater or A/C		1-57*					
Auto Pilot		1-1816					

NOTE: Where bulbs are used for more than one function, their first use is indicated by a letter and other functions by the same letter. An asterisk (*) indicates the bulb is optional equipment.

- (a) Not available on convertible coupes.
- (b) Dealer installed only.
- (c) With third-seat package only.

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER	MODEL YEAR 1964	DATE ISSUED 8-19-63	REVISED (*)			
	VC1-L	VC2-M	VC3-H			
MODEL	Exc. 46	46	All	Exc. 46	46	Salon

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

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

Headlamp	20 CB (A)
Headlamp beam indicator	(A)
Parking lamp	AGC 20 (B)
Tail lamp	(B)
Stop lamp	(B)
Direction indicator	None
License plate lamp	(B)
Instrument lamp	AGC 3 (C)
Ignition lamp	(B)
Back up lamp	Same as windshield wiper
Dome lamp	(B)
Clock	None
Clock lamp	(C)
Radio	AGC 7.5
Glove compartment lamp	AGC 20 (D)
Trunk	(B)
Underhood	None
Parking Brake Indicator	AGC 20 (F)
Cigar Lighter	(D)
Map and Courtesy	(D)
Heater or A/C	AGC 20
Oil Pressure Indicator	None
Windshield Wiper	Single-speed 5 CB; Variable-speed 6 CB

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

		Lowest		--					
		Highest							
Height above ground to center of bulb	Tail								
			23.2	24.0	23.2	23.4	24.2	23.3	
	Stop		Same as taillight						
	Backup		13.7	14.5	13.7	13.9	14.7	13.8	
	License, rear		16.9	14.8	16.9	17.1	15.1	17.0	
	Directional	Front		16.0	16.8	16.0	16.2	17.0	16.0
		Rear		Same as taillight					
	Headlamp	Inside		25.7	26.4	25.7	25.9	26.7	25.7
		Outside*		25.6	26.4	25.6	25.8	26.6	25.6
	Distance from C/L of car to center of bulb	Tail							
			31.5	31.9	31.5		31.9	31.5	
Stop			Same as taillight						
Backup			23.4	8.7	23.4		8.7	23.4	
License, rear			0	9.8	0		9.8	0	
Directional		Front		27.9					
		Rear		Same as taillight					
Headlamp		Inside		27.7					
		Outside*		34.6					

* If single headlamps are used enter here. (a) A single bulb use for the three light functions.

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-20-63	REVISED (*)
	VC1-L	VC2-M				VC3-H
MODEL		300		300 K		
		3-Speed	4-Speed	Std. Engine	Opt. Engine	

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Borg and Beck, dry plate, semi-centrifugal					--	
Type pressure plate springs	Coil					--	
Effective plate pressure (lb.)	1790	2370	2350	2370	2350	--	
No. of clutch driven discs	One					--	
Clutch facing	Woven asbestos					--	
	Material						--
	Outside & inside dia.	10.5 x 6.5	11.0 x 6.5	10.5 x 6.5	11.0 x 6.5	10.5 x 6.5	--
	Total eff. area (sq.in.)	106.8	123.7	106.8	123.7	106.8	--
	Thickness	.125					--
Release bearing	Flat wave springs					--	
	Type & method of lubrication	Ball bearing, permanently lubricated					--
Torsional damping	Coil springs and friction washers					--	

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Std. 3-speed	Opt. 4-sp.	Opt. 4-sp.	NA
Manual with overdrive (std. or opt.)	NA			
Automatic (std. or opt.)	Opt.		Std.	

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	3	4	--		
Transmission ratios	In first	2.55	2.66	--	
	In second	1.49	1.91	--	
	In third	1.00	1.39	--	
	In fourth	--	1.00	--	
	In reverse	3.34	2.58	--	
Synchronous meshing, specify gears	1 & 2	All forward gears		--	
Shift lever location	Floor			--	
Lubricant	Capacity (pt.)	5.0	7.5	--	
	Type recommended	Automatic Transmission Fluid, Type "A", Suffix "A"			--
	SAE viscosity number	Summer	--		--
		Winter	--		--
	Extreme cold	--		--	

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-20-63	REVISED (e)
MODEL	VC1-L	VC2-M	300	300 K	VC3-H	

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		
	Capacity (pt.) (Overdrive only)		
Lu- bri- cant	Separate filler (yes, no)	/	
	Type recommended		
	SAE vis- cosity number		Summer
			Winter
	Ext. cold		

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	TorqueFlite Eight			
Type describe	Torque converter with automatically-operated planetary gear transmission			
Method of Selection (Lever, Push Button or other)	Push button			
Selector Pattern	Vertically, left of instrument cluster			
List gear ratios Selector Pattern and indicate which are used in each selector position	R	Reverse	2.20	
	N	Neutral	-	
	D	Drive	2.45 - 1.45 - 1.00	
	2	Second	2.45 - 1.45	
	1	First	2.45	
Max. upshift speeds—drive range	73		75	
Max. kickdown speeds—drive range	68		68	
Torque converter	Number of elements			Three
	Max. ratio at stall			2.20
	Type of cooling (air, water)			Water
Lubricant	Capacity—refill (pt.)			19.5
	Type recommended			Automatic Transmission Fluid, Type "A", Suffix "A"
Special transmission features	Parking pawl, manually-operated lever			

DRIVE UNITS—PROPELLER SHAFT

Number used		One		
Type (exposed, torque tube)		Exposed		
Outer diameter x length* x wall thickness	Manual transmission	3-Speed	3.00 x 58.85 x .065	--
		4-Speed	--	3.25 x 58.85 x .065
	Automatic transmission		2.75 x 58.85 x .065	3.00 x 58.85 x .065

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

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER	MODEL YEAR 1964	DATE ISSUED 8-20-63	REVISED (*)
	VC1-L	VC2-M	VC3-H
MODEL	300	300 K	

DRIVE UNITS—PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	--
	Lubrication (fitting, prepack)	--
Universal joints	Make	Chrysler
	Number used	Two
	Type (ball and trunnion, cross, other)	Front - Ball and Trunnion Rear - Cross and roller
	Bearing	Type (plain, anti-friction)
Lubric. (fitting, prepack)		Prepack
Drive taken through (torque tube or arms, springs)		Rear springs
Torque taken through (torque tube or arms, springs)		Rear springs

DRIVE UNITS—REAR AXLE

Description (see instructions)	Std: One-piece case Opt: Sure-Grip, 2-piece case			
Limited Slip differential, type	Torque bias			
Drive Pinion Offset	1.50			
No. of differential pinions	Std: 2; Opt: Sure-Grip - 4			
Gear ratios (Std. equip.)	Manual trans.	3-Speed	3.23	--
		4-Speed	--	3.23
	Automatic transmission		2.76	3.23
Ring gear O.D. (std. ratio)	8.75			
Pinion adjustment (shim, other)	Solid shim (washer)			
Pinion bearing adj. (shim, other)	Shim pack			
Wheel bearing type	Tapered roller bearing			
Lubricant	Capacity (pt.)		4.0	
	Type recommended		Multipurpose gear lubricant	
	SAE viscosity number	Summer	SAE 90; Above -10 F	
		Winter	SAE 80; Above -30 F	
Extreme cold		SAE 75; Below -30 F		

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		2.73	3.23
No. of teeth	Pinion	17	13
	Ring gear	47	42

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER		MODEL YEAR	1964		DATE ISSUED	8-23-63		REVISED (*)	
			VC1-L	VC2-M		VC3-H				
MODEL	Exc. 46	46	300	300 K	Exc. 46	46	Salon			

DRIVE UNITS—WHEELS

Type & material		Disc, steel								
Rim (size and flange type)	Std.	5,5 K	6,0 K				6,5 K			
	Opt.	6,0 K	--				--			
Attachment	Type (bolt or stud)	Stud								
	Circle diameter	4.5								
	Number and size	Five, 1/2 - 20NF								

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply (a)	8,00 x 14, 2			8,50 x 14, 4		9,00 x 14, 4		
	Type - Nylon, etc.	Rayon							
Rev/mile at 50 mph.		750	751		733	731	720		
Inflation press. (cold)	Front	24		22		24		22	
	Rear	22 (b)	26	22 (b)		26		20	
Optional tires - size and ply									

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		Duo-servo			
Self adjusting (std., opt., N.A.)		Std			
Hydraulic system type (single, dual, etc.)		Single			
Power brake make & type (remote, integral, etc.)		Vacuum suspended			
		Integral		Remote	Integral
Effective area (sq. in.)*		263,3			287,2 263,3
Gross lining area (sq. in.)**		263,3			287,2 263,3
Swept drum area (sq. in.)***		380,1			414,7 380,1
Percent brake effectiveness—front		60			
Drum	Diameter	Front	11		
		Rear	11		
Type and material		Cast iron, composite			
Wheel cylinder bore	Front	1.125			
	Rear	0.9375			
Master cylinder bore		1.000			
Available pedal travel		Manual 7.1, Power 3.23			
Line pressure at 100 lb. pedal load		Manual 860, Power 930			
Shoe clearance adjustment		No major adjustment required			

(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) 4-ply tires on VC1-L-46 and VC2-M (300 K); 8.50 x 14, 4-ply on VC2-M (300 K with opt. engine); 8.50 x 14, 4-ply on VC1 and VC2 with air conditioning; 9.00 x 14, 4-ply on VC3-H-46 with air conditioning.
- (b) For oversize tires used with air conditioning, tire pressures are 22 lb front and rear.

AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER	MODEL YEAR 1964	DATE ISSUED 8-23-63	REVISED (e)
MODEL	VC1, VC2, and VC3 Exc. 46	VC3 (46 only)	

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted		Bonded		
	Front Shoe	Material	Extruded asbestos		
		Size (length x width x thickness)	Front wheel	11.97 x 3.00 x 0.21	
			Rear wheel	11.97 x 2.5 x 0.21	11.97 x 3.0 x 0.21
		Segments per shoe		Two	
	Rear Shoe	Material	Extruded asbestos		
		Size (length x width x thickness)	Front wheel	11.97 x 3.00 x 0.21	
			Rear wheel	11.97 x 2.5 x 0.21	11.97 x 3.0 x 0.21
Segments per shoe		Two			

BRAKES—PARKING

Type of control	Foot-operated, hand pull-release		
Location of control	Through left end of 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

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

Provision for car leveling	By manual adjustment at torsion bar rear anchor bolt		
Provision for brake dip control	By inclined upper control arms and asymmetrical rear springs		
Provision for acc. squat control	By asymmetrical rear springs		
Special provisions for car jacking	None		
Shock absorber front & rear	Type	Direct	
	Make	Own	
	Piston dia.	1.00	
Other special features	--		

SUSPENSION—FRONT

Type and description

Independent, lateral, non-parallel control arms with torsion bars

* Air Suspension:
Air spring type
Compressor data
type
make
drive ratio

Normal operating pressures
spring rates
levelling data

(Continued)

AMA Specifications – Passenger Cars

MAKE OF CAR CHRYSLER	MODEL YEAR 1964	DATE ISSUED 8-23-63	REVISED (a)
	VC1	VC2	VC3
MODEL	Exc. 46 46	300 Exc. 300 K	300 K Std. Opt. Eng.

SUSPENSION FRONT (cont.)

Spring	Type	Torsion bar			
	Material	Chromium alloy steel			
	Size (coil design height & I.D.; bar length x dia.)	40 x 0.99	40 x 0.97	40 x 0.99	40 x 1.01 44 x 0.98
	Spring rate (lb. per in.)	Not applicable			
	Rate at wheel (lb. per in.) (a)	115	110	115	125 110
	Design load (lb. @ design height)	Not applicable			
Stabilizer	Type (link, linkless, frameless)	None	Link	None	Link
	Material & bar diameter	Where applicable, carbon steel 0.75			

STEERING

Manual (std., opt., NA)		Std.	NA		
Power (std., opt., NA)		Opt.	Std.		
Adjustable steering wheel (tilt, swing, other)	Type and description	Vertical tilt			
	(std., opt., NA)	Opt.			
Wheel diameter	Manual	16.0 x 16.8 oval	15.0 x 17.1 flat		
	Power	16.0 x 16.8 oval	15.0 x 17.1 flat		
Turning diameter	Outside front	Wall to wall (l. & r.)	46.5		
		Curb to curb (l. & r.)	43.1		
	Inside rear	Wall to wall (l. & r.)	25.6		
		Curb to curb (l. & r.)	26.3		
Outside wheel angle with inside wheel at 20°		18.8°			
Manual	Gear	Type	Worm and 3-tooth roller	--	
		Make	Chrysler	--	
		Ratios	Gear	20.4	--
			Overall	30.2	--
	No. wheel turns	5.4	--		
Power	Type (coaxial, linkage, etc.)		Integral		
	Make		Chrysler		
	Gear	Type	Rack and sector		
		Ratios	Gear	15.7	
			Overall	19.2	
	Pump driven by		Belt from crankshaft pulley		
	Number wheel turns		3.5		
Linkage	Type		Symmetrical idler arm, equal-length tie rods		
	Location (front or rear of wheels, other)		Rear		
	Drag link (trans. or longit.)		Transverse		
	Tie rods (one or two)		Two		

(a) Includes tires.

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR	CHRYSLER			MODEL YEAR	1964		DATE ISSUED	8-23-63		REVISED (a)	
				VC1	VC2		VC3				
MODEL	Exc. 46	46	300	300 K		Exc. 46	46	Salon			
				Std.	Opt.						

STEERING (cont.)

Steering Axis	Inclination of camber (deg.)		6.5° @ 0° camber								
	Bearings (type)	Upper	Ball joint								
		Lower	Ball joint								
		Thrust	Oil impregnated sintered metal								
Wheel alignment (range and preferred)	Caster (deg.)		Manual Steering: -0.5° ± 0.5° Power Steering: +0.75° ± 0.5° (a)								
	Camber (deg.)		Left: +0.5° ± 0.25°, +0.5° preferred Right: +0.25° ± 0.25°, +0.25° preferred								
	Toe-in (outside tread-inches)		3/32 to 5/32, 1/8 preferred								
Steering spindle & joint type			Ball socket								
Wheel spindle	Diameter	Inner bearing	1.25								
		Outer bearing	0.75								
	Thread size		3/4 - 16 UNF								
	Bearing type		Tapered roller								

SUSPENSION—REAR

Type and description			Outboard, parallel longitudinal leaf								
Drive and torq. taken through (see page 17)			Rear springs								
Spring	Type		Semi-elliptical, asymmetric								
	Material		Chromium alloy steel								
	Size (length x width, coil design height and I.D.; bar length & dia.)		60 x 2.5								
	Spring rate (lb. per in.)		95	125	95	125	90	125	90		
	Rate at wheel (lb. per in.) (b)		120	150	120	150	115	150	115		
	Design load (lb. at design height)		See chart below								
	Mounting insulation type		Rubber								
	If leaf	No. of leaves		6	7	6	7				
Inserts		Type and size	(c)			(d)	(c)	(d)			
		Material	Front - plastic; rear - wax-impregnated fabric								
	Shackle (comp. or tens.)		Compression								
Stabilizer	Type (link, linkless, frameless)		None								
	Material		--								
Track bar type			None								

CHECKING LOAD @ -0.38" OPENING

Left side	760	1000	760	800	760	1000	800
Right side	720	960	720	800	720	960	760

- (a) Maximum differential 0.75°, driver's side less positive.
- (b) Includes tires.
- (c) 3 @ 2.5", 4 @ 3.5".
- (d) 4 @ 2.5", 4 @ 3.5".

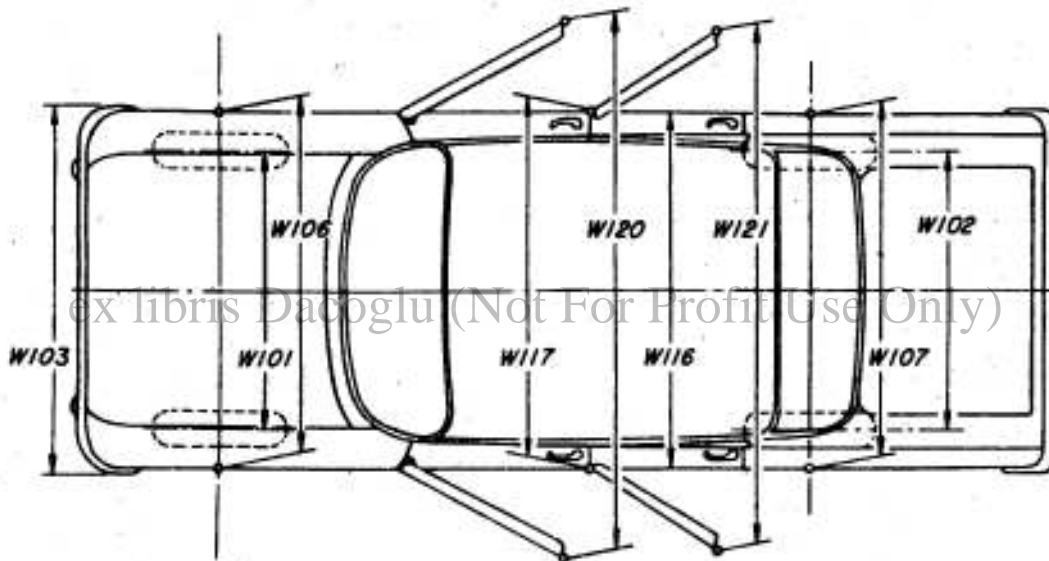
MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-23-63 REVISED (a)

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 34-36. Complete definitions are listed in section E-1 of the SAE Aeronautical - 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

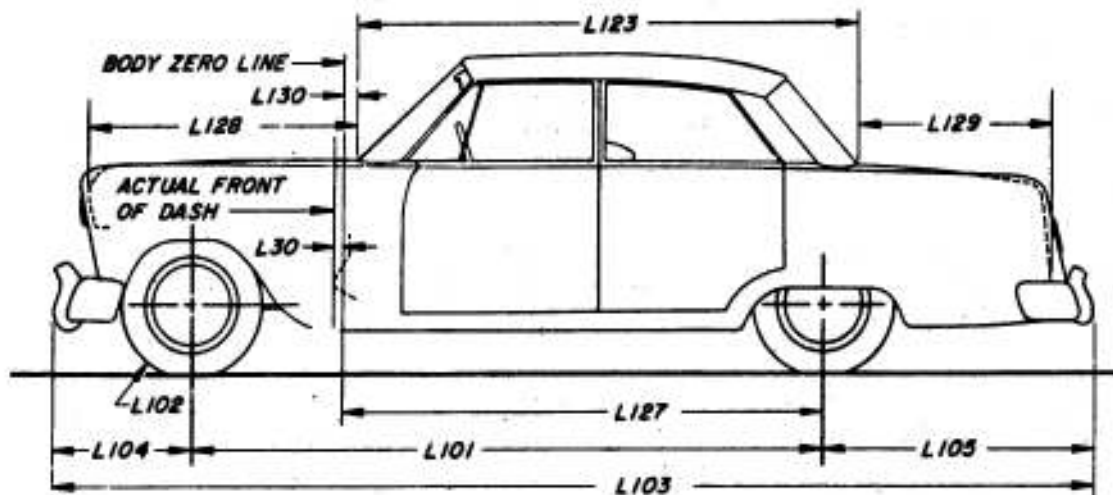


MODEL	Ref. No.	VC1			VC2		VC3	
		23, 27	41, 43	46	23, 27	43	41, 43	46
Tread - front	W101	61.0						
Tread - rear	W102	59.7						
Maximum overall car width	W103	80.0						
Maximum overall body width	W116	78.3		77.6		78.3		77.6
Maximum body width at #2 pillar	W117	77.5						
Front fender overall width	W106	77.6						
Rear fender overall width	W107	78.3		77.3		78.3		77.3
Maximum overall car width - front doors open	W120	167.5		151.5		167.5		151.5
Maximum overall car width - rear doors open	W121	--		145.5		--		145.5

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-23-63 REVISED(*)

EXTERIOR LENGTH DIMENSIONS

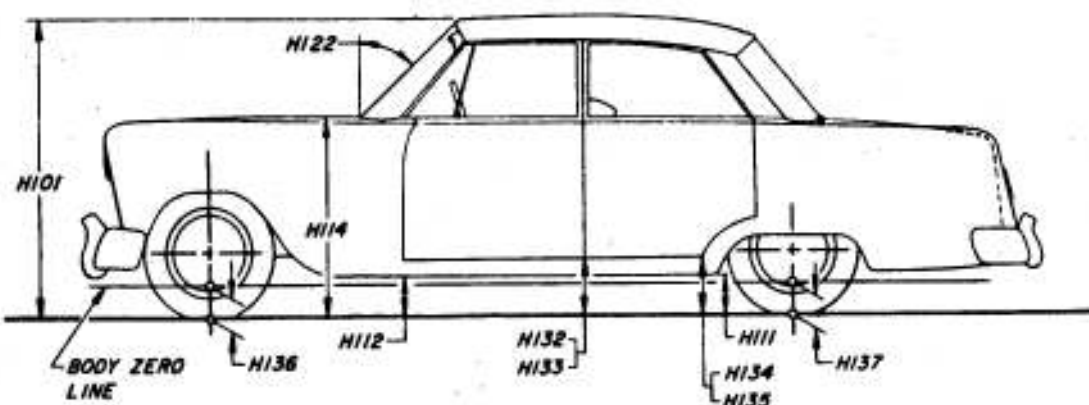


MODEL	Ref. No.	VC1		VC2	VC3	
		Exc. 46	46		Exc. 46	46
Body zero line to actual front of dash	L30			4.4		
Wheelbase	L101			122.0		
Overhang - front	L104			37.8		
Overhang - rear	L105	55.5	59.6	55.5	59.6	
Overall length	L103	215.3	219.4	215.3	219.4	
Hood length at car centerline	L128			55.4		
Body upper structure length at car centerline	L123	109.9	--	109.9	--	
Deck length at car centerline	L129	43.1	--	43.1	--	
Body zero line to centerline of rear wheels	L127			102.0		
Body zero line to windshield cowl point	L130			3.7		
Tire size	L102	8.00 x 14		8.00 x 14 (a)	8.50 x 14 (b)	8.50 x 14

- (a) VC2-M 300 K with optional engine - 8.50 x 14.
- (b) VC3-H-43 Salon - 9.00 x 14.

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-23-63 REVISED (*)

EXTERIOR HEIGHT DIMENSIONS

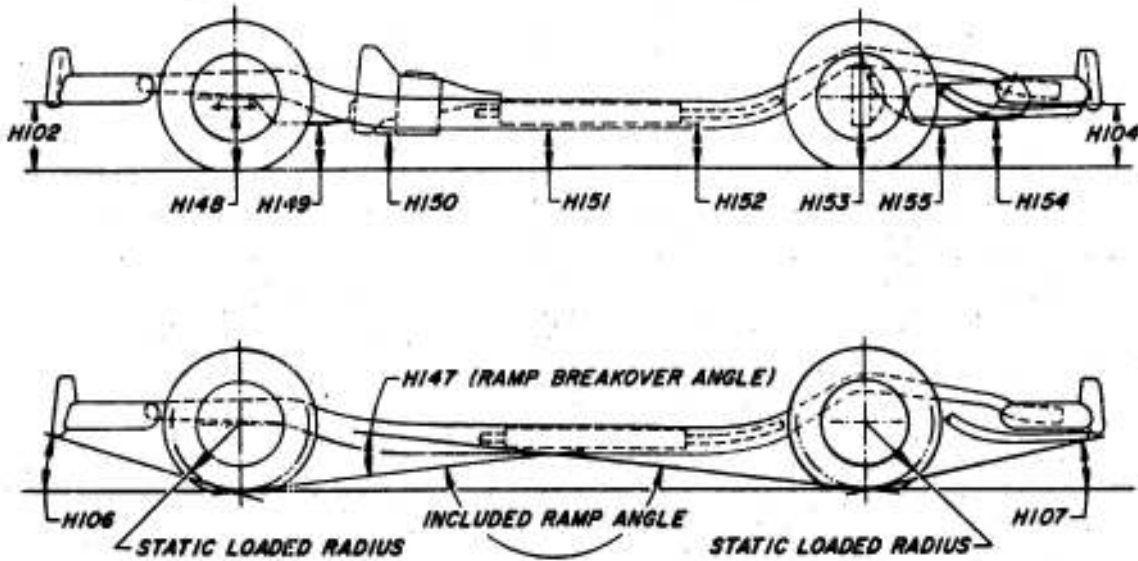


MODEL	Ref. No.	VC1				VC2			VC3		
		23	27	41 43	46	23	27	43	41 43	46	Salon
Overall height	H101	55.1	55.3	55.1	55.4	55.1	55.3	55.1	55.5	55.7	55.2
Hood at rear to ground	H114	39.4			39.8	39.4			39.6	40.1	39.4
Rocker panel to ground - front	H112	7.8			8.2	7.8			8.0	8.5	7.8
Rocker panel to ground - rear	H111	7.3			7.4	7.3			7.5	7.6	7.3
Bottom of door to ground, open - front	H132	NA									
Bottom of door to ground, closed - front	H133	11.5			11.8	11.5			11.7	12.0	11.6
Bottom of door to ground, open - rear	H134	NA									
Bottom of door to ground, closed - rear	H135	11.4				11.3			11.5	11.6	11.3
Windshield slope angle	H122	55.0°	50.5°	55.0°		50.5°		55.0°			
Body zero to ground - front	H136	13.47			14.06	13.50			13.68	14.28	13.47
Body zero to ground - rear	H137	12.53			12.51	12.52			12.72	12.73	12.60

AMA Specifications—Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-23-63 REVISED(*)

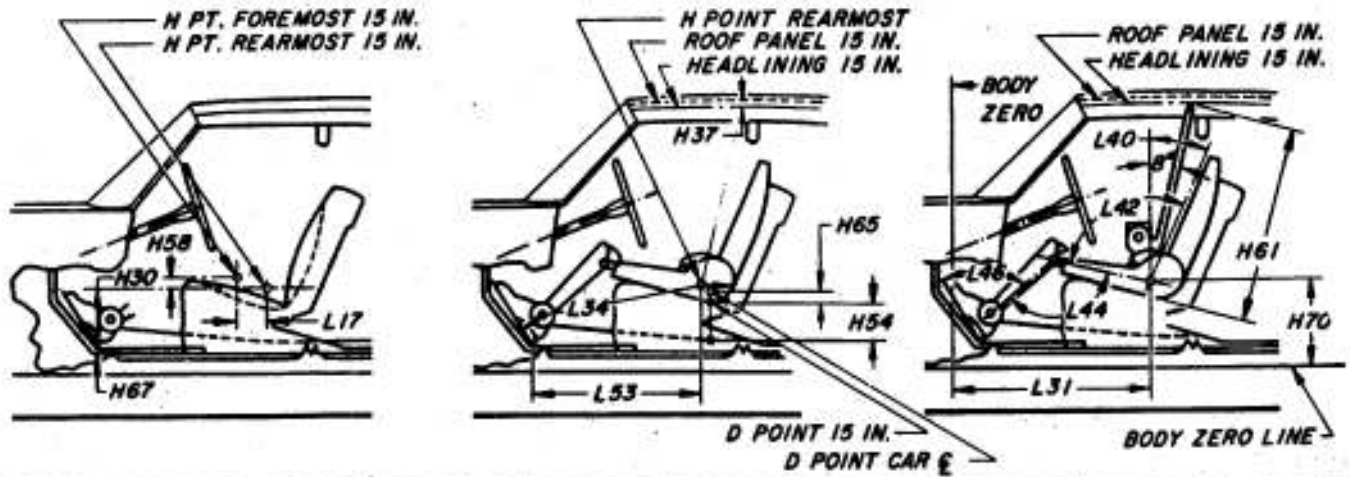
GROUND CLEARANCE DIMENSIONS



MODEL	Ref. No.	VC1		VC2	VC3		Salon
		Exc. 46	46		Exc. 46	46	
Front bumper to ground	H102	11.8	12.5	11.8	11.7	12.8	11.5
Rear bumper to ground	H104	10.5	12.2	10.4	10.6	12.4	10.6
Angle of approach	H106	21.7°	23.2°	21.7°	22.1°	23.5°	21.7°
Angle of departure	H107	12.1°	12.5°	12.0°	12.3°	12.7°	12.2°
Ramp breakover angle	H147	11.0°	11.6°	11.2°	11.4°	12.0°	11.4°
Front suspension to ground	H148	7.2	7.8	7.3	7.4	8.1	7.2
Oil pan to ground	H149	6.5	6.9	6.6	6.7	7.2	6.6
Flywheel housing to ground	H150	8.0	8.5	8.0	8.1	8.7	7.9
Frame structure to ground	H151	6.0	6.3	6.0	6.2	6.6	6.0
Exhaust system to ground	H152	5.4			5.6	5.7	5.5
Rear axle differential to ground	H153	7.2				7.4	7.3
Fuel tank to ground	H154	7.5	9.5	7.5	7.7	9.7	7.6
Spare tire well to ground	H155	Not applicable					
Minimum running ground clearance	H156	5.4			5.6	5.7	5.5

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED (a)

FRONT COMPARTMENT DIMENSIONS

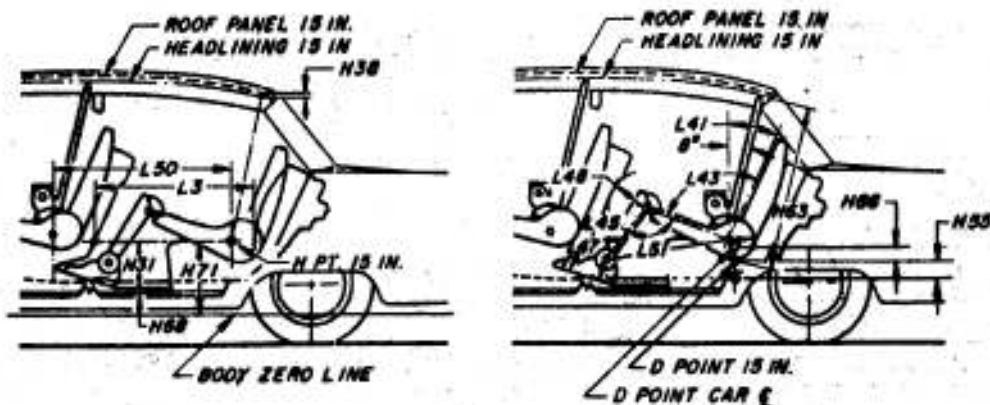


MODEL	Ref. No.	VC1			VC2		VC3	
		23, 41, 43	27	46	23, 43	27	41, 43	46
H Point to body zero line	L31	40.6			40.0		40.6	40.0
H Point to body zero line - front	H70	7.2						
Effective head room	H61	38.0	39.1	38.6	37.9	39.1	38.0	38.6
Headlining to roof height	H37	0.8	0	0.5	0.8	0	0.8	0.5
Maximum effective leg room - accelerator	L34	41.8			41.2		41.8	41.2
H Point to heel point	H30	9.0						
Depressed floor covering thickness	H67	0.38						
Back angle	L40	26°			24°		26°	24°
Hip angle	L42	99°			94°		99°	94°
Knee angle	L44	128°			124°		128°	124°
Foot angle	L46	89°			85°		89°	85°
D Point differential, side to center	H65	0.6			--		0.6	--
D Point to tunnel	H54	2.1			--		2.1	--
H Point to accelerator floor point	L53	34.0			33.4		34.0	33.4
H Point travel	L17	4.5						
H Point rise	H58	1.3			0.8		1.3	0.8

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED(e)

REAR COMPARTMENT DIMENSIONS

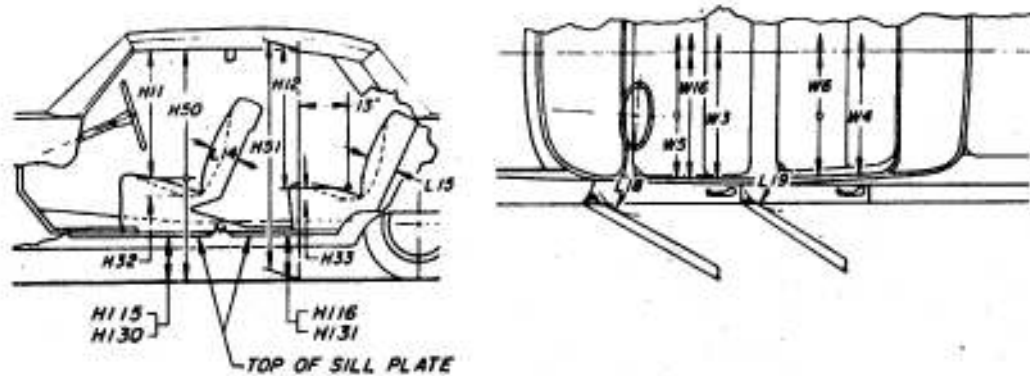


MODEL	Ref. No.	VC1			VC2		VC3	
		23, 41, 43	27	46	23, 43	27	41, 43	46
H Point couple distance	L50	36.2	32.6	36.6	36.8	33.2	36.2	37.2
H Point to body zero line - rear	H71	6.3	5.9	8.6	6.3	5.9	6.3	8.6
Effective head room	H63	37.9	37.8	37.5	37.9	37.8	37.9	37.5
Headlining to roof height	H38	0.8	0	0.5	0.8	0	0.8	0.5
Minimum effective leg room	L51	39.3	35.4	40.2	39.9	36.2	39.3	40.9
H Point to heel point	H31	10.9	10.5	13.2	10.9	10.5	10.9	13.2
Depressed floor covering thickness	H68	0.38						
Minimum knee room	L48	6.4	3.5	6.1	6.4	3.4	6.4	6.1
Rear compartment room	L3	29.3	26.3	29.1	29.8	26.6	29.3	29.1
Back angle	L41	23°						
Hip angle	L43	92°	82°	98°	94°	82°	92°	101°
Knee angle	L45	111°	95°	116°	117°	95°	111°	123°
Foot angle	L47	121°	111°	119°	124°	111°	121°	
D Point differential, side to center	H66	1.0		0.3	1.0			0.3
D Point to tunnel	H55	1.8	1.3	3.6	1.8	1.3	1.8	3.6

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED(•)

SEAT AND ENTRANCE DIMENSIONS



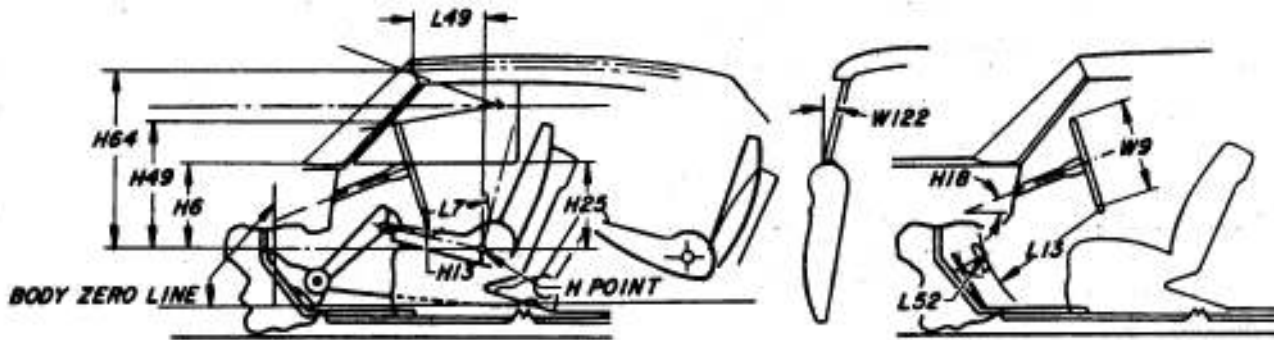
	Ref. No.	VC1			VC2		VC3		
		23, 41, 43	27	46	23, 43	27	41, 43	46	Salon
Shoulder room - front	W3	60.3							
Hip room - front	W5	63.8							
Seat width - front	W16	57.0			23.7 (a)		57.0	23.7(a)	57.0
Upper body opening to ground - front	H50	49.7 (b)	--	49.7	49.4	--	49.7 (b)	49.7	49.4
Entrance height - front	H11	29.5 (c)	--	29.2		29.5 (c)		29.2	
Step height - front (design load)	H115	13.4	--	13.8	13.4	--	13.6	14.0	13.4
Step height - front (curb load)	H130	15.0	--	15.6	15.0	--	15.2	15.8	15.1
Entrance foot clearance - front	L18	17.8							
Seat cushion deflection - front	H32	3.9	--	3.7		3.9		3.7	3.9
Seat back thickness - front	L14	6.6	--	5.1		6.6		5.1	6.6
Shoulder room - rear	W4	59.6							
Hip room - rear	W6	62.8	56.4	62.0	62.8	56.4	62.8	62.0	62.8
Upper body opening to ground - rear	H51	46.5 (d)	--	46.7	46.2	--	46.5 (d)	46.7	46.2
Entrance height - rear	H12	27.5 (e)	--	25.3	27.2	--	27.5 (e)	25.3	27.2
Step height - rear (design load)	H116	13.1	--	13.3	13.1	--	13.3	13.5	13.2
Step height - rear (curb load)	H131	15.0	--	15.7	15.0	--	15.3	15.9	15.1
Entrance foot clearance - rear	L19	14.2 (f)	7.2	12.6	14.2 (f)	7.2	14.2	12.6	14.2
Seat cushion deflection - rear	H33	3.9	3.2	3.8	3.9	3.2	3.9	3.8	3.9
Seat back thickness - rear	L15	6.7	6.4	5.3	6.7	6.4	6.7	5.3	6.7

(a) Individual bucket seats. (b) Body models 23 and 43 - 49.4.
 (c) Hardtops 29.2 (d) Model 43 - 46.2 (e) Models 23 and 43 - 27.2. (f) Model 23 - 72.

AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED(e)

VISION AND CONTROL DIMENSIONS



MODEL	Ref. No.	VC1	VC2	VC3	
				Exc. 46	46
H Point to windshield bottom DLO	H6		19.0		
H Point to windshield upper DLO	H64		32.9		
H Point to windshield upper DLO	L49		15.2		
Belt height - front	H25		16.7		
Steering wheel center to centerline of car	W7		16.1		
Steering wheel maximum outside diameter	W9	16.8		17.1	
Steering column angle - horizontal	H18		1.0°		
H Point to top of steering wheel	H49	23.2	23.1	23.2	23.1
Steering wheel torso clearance	L7	13.7	12.5	13.7	12.5
Steering wheel thigh clearance	H13	4.4	5.2	4.4	5.2
Brake pedal knee clearance	L13		24.3		
Brake pedal to accelerator	L52		3.6		
Tumble-home	W122		14.5°		

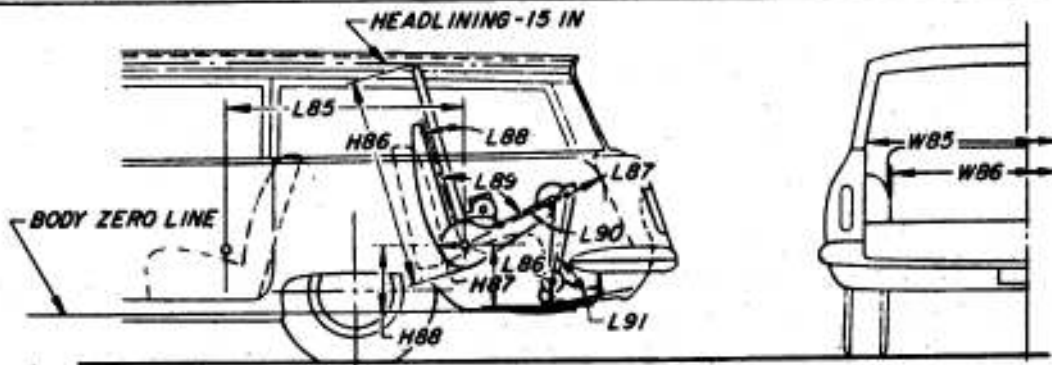
AMA Specifications – Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED(•) _____

LUGGAGE COMPARTMENT

MODEL	Ref. No.	VC1		VC2		VC3		
		Exc. 27	27	23, 43	27	41	43	Salon
Usable luggage capacity (See instructions)		18.8		19.5				19.5
Liftover height	H195	24.4		24.3		24.5		24.4
Position of spare tire storage		Horizontal on kick-up, left side (a)						
Method of holding lid open		Torsion bar						

THIRD SEAT DIMENSIONS



MODEL	Ref. No.	VC1, VC3
Seat facing direction		Rear
Shoulder room	W85	56.7
Hip room	W86	45.6
H Point couple distance	L85	41.8
H Point to body zero line - third seat	H88	10.9
Effective head room	H86	34.8
Effective leg room	L86	32.3
H Point to heel point	H87	15.6
Knee room	L87	9.5
Back angle	L88	22°
Hip angle	L89	91°
Knee angle	L90	78°
Foot angle	L91	94°

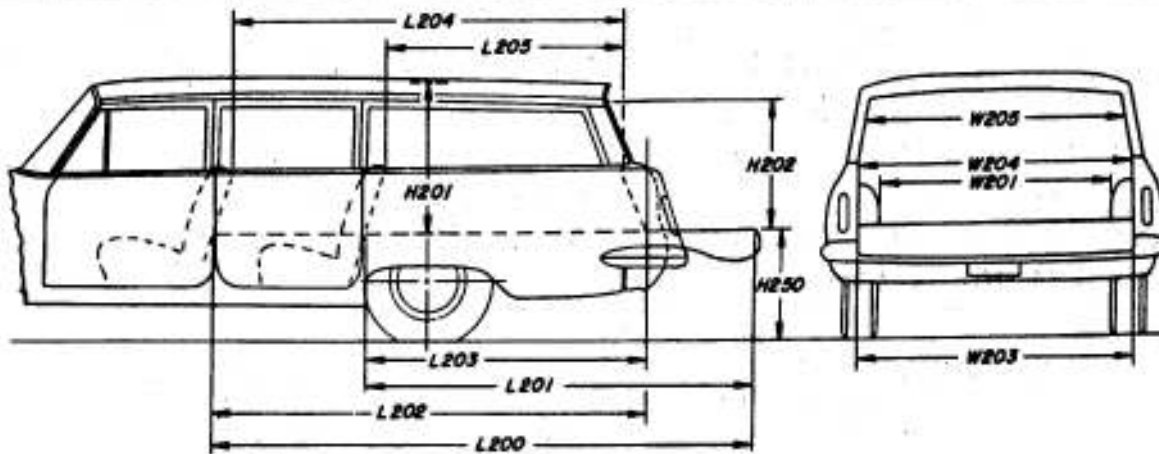
(a) Horizontal on floor, right side, for convertible coupes and for all models when equipped with dual air conditioning.

AMA Specifications—Passenger Car

Page 31

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED(*)

STATION WAGON—CARGO SPACE DIMENSIONS



MODEL	Ref. No.	VC1 & VC3 46
Floor length from back of front seat at floor level to end of lowered tail gate or floor	L200	121.3
Floor length from back of second seat at floor level to end of lowered tail gate or floor	L201	86.0
Floor length from back of front seat at floor level to inside of closed tail gate	L202	100.7
Floor length from back of second seat at floor level to inside of closed tail gate	L203	65.4
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	83.8
Minimum horizontal distance from top rear of second seat back to inside of tail gate at belt	L205	50.5
Maximum width of cargo space at floor - specify location	W200	62.0 (a)
Minimum distance between wheel houses at floor level	W201	45.8
Rear end opening width at floor	W203	48.6
Rear end opening width at belt	W204	48.6
Maximum width of rear opening above belt	W205	48.2
Maximum height - floor covering to headlining at centerline of rear axle	H201	31.8
Maximum height of rear opening - tail and lift gates open	H202	27.3
Platform height from ground to top of tail gate floor covering at rear most edge of tail gate - curb weight	H250	27.9
Rear end closure (e.g., one piece door, hinged left - sliding glass, drop tail gate)		Sliding glass, drop tail gate
Cargo volume index (cu. ft.) W4 x L204 x H201 1728		91.9

(a) Immediately forward of wheelhouse.

Form Rev. 5-63

AMA Specifications - Passenger Car

MAKE OF CAR	CHRYSLER	MODEL YEAR	1964	DATE ISSUED	8-26-63	REVISED (a)							
		VC1	VC2	VC3									
MODEL		23	41	43	27	46	23	43	27	41	43	Salon	46

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front										
	Rear doors	Front										
Type of finish (lacquer, enamel, other)		Synthetic enamel										
Hood counterbalanced (yes, no)		Yes										
Hood release control (internal, external)		External										
Vehicle (Serial) No. Location		Left front door hinge pillar										
Engine No. Location		Not applicable										
Theft protection - type		Ignition key start, switch terminal block, door locks										
Vent window control method (crank, friction pivot)	Front	Friction pivot										
	Rear	None										
Seat cushion type	Front	FW					ZZ			FW		ZZ
	Rear	C	FW	C	FW		ZZ		C		ZZ	
	3rd seat	--			C		--				C	
Seat back type	Front		C			FW			C			
	Rear	FW						C				
	3rd seat	--			C		--			C		
Windshield glass type (i.e., single curved - laminated plate)		Single curved, laminated plate										
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Single curved, tempered plate										
Side glass type (i.e., curved - tempered plate)		Flat, tempered sheet										
Side glass exposed surface area		1224	1052	1228	1137	2608	1224	1228	1137	1052	1228	2608
Windshield glass exposed surface area		1575										
Backlight glass exposed surface area		1262		1260	760		1262	1260		1262		760
Total glass exposed surface area		4061	3889	4065	3972	4943	4061	4065	3972	3889	4065	4943

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

Power windows	Side Windows	Opt.				Std.	Opt.		
	Vent Windows	NA							
	Backlight or tailgate	--		Std.		--	Std.		
Power seats (specify type as well as availability)		6-way			4-way		6-way	4-way	
Reclining front seat back		--			Std.	--	Opt.	--	Std.
Front seat headrest		--			Opt.	--	Opt.	--	Opt.
Radios (specify type as well as availability)		Opt.: Push button, Search Tuner, or AM-FM							
Rear seat speaker		Opt. (Not on 46)							
Power Antenna		Opt., Rear (Not on 46)							
Clock		Opt. (a)					Std.		
Air Conditioner (specify type and availability)		Opt.: Front or dual units (b)					Std.	Opt. (b)	

- FW: Formed wire. ZZ: Zigzag. C: Coil.
- (a) Standard for 300 K.
- (b) Not available with manual transmission or manual steering.

AMA Specifications - Passenger Car

MAKE OF CAR CHRYSLER MODEL YEAR 1964 DATE ISSUED 8-26-63 REVISED (*)

WEIGHTS

Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
NEWPORT VC1-L								
2-Door Hardtop	23							3770
Convertible Coupe	27							3830
4-Door Sedan	41							3790
4-Door Hardtop	43							3810
HT Sta. Wag., 6-Pass.	46							4165
HT Sta. Wag., 9-Pass.	46							4200
300 VC2-M								
2-Door Hardtop	23							3825
Convertible Coupe	27							3910
4-Door Hardtop	43							3855
300 K VC2-M								
2-Door Hardtop	23							3950
Convertible Coupe	27							3990
NEW YORKER VC3-H								
4-Door Sedan	41							4015
4-Door Hardtop	43							4030
HT Sta. Wag., 6-Pass.	46							4365
HT Sta. Wag., 9-Pass.	46							4395
NEW YORKER SALON VC3-H								
4-Door Hardtop	43							4265
Accessories & Equipment Differential Weights				Remarks				

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

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.
- WB5 SHOULDER ROOM - THIRD SEAT. Measured in the same manner as W3.
- WB6 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, excluding 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.

INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Angles of Approach, Departure	25	Lamp Height & Spacing	14
Automatic Transmission	1, 16	Legroom	26, 27, 30
Axis, Steering	21	Lengths - Overall	1, 23
Axle, Rear	1, 17	Lifters, Valve	5
Battery	10	Linings - Clutch, Brake	15, 19
Bearings, Engine	4, 5, 6	Lubrication	6, 7, 15, 16, 17
Belts - Fan, Generator, Water Pump	9	Luggage Capacity	30
Body - General Information, types	Title, 1, 22, 32	Motor, Starting	10
Exterior Dimensions	1, 22, 23, 24	Muffler	7
Interior Dimensions	26, 27, 28, 29, 30	Overdrive	16
Clearance Dimensions	25	Piston Pins & Rings	2, 4
Brakes - Parking, Service, Power	18, 19	Pistons	2
Camber	21	Power Brakes	18
Camshaft	5	Power Steering	20
Capacities		Power Teams	3
Cooling System	9	Propeller Shaft, Universal Joints	16, 17
Fuel Tank	8	Pumps - Oil, Fuel	7, 8
Lubricants		Water	9
Engine Crankcase	7	Radiator, Hoses	9
Transmission and Overdrive	15, 16	Ramp Break-over Angle	25
Rear Axle	15, 17	Ratios - Axle	1, 3, 17
Carburetor	3, 8	Compression	1, 2, 3
Caster	21	Steering	20
Choke, Automatic	8	Transmission	15, 16
Circuit Breakers, Fuses	14	Rear Axle	1, 3, 17
Clearance, Ground	25	Regulator - Generator	10
Clutch - Pedal Operated	15	Rims	18
Coil, Ignition	11	Rings, Piston	4
Connecting Rods	4	Rods - Connecting	4
Cooling System	9	Shock Absorbers, Front & Rear	19
Crankcase Ventilation	7	Spark Plugs	11
Crankshaft	5	Speedometer	12
Cylinders and Cylinder Head	2	Springs - Front & Rear Suspension	20, 21
Dimension Definitions	34, 35, 36	Valve, Engine	6
Distributor - Ignition	11	Stabilizer (Sway Bar) - Front & Rear	20, 21
Electrical System	10, 11, 12, 13, 14	Starting Motor	10
Engine		Steering	20, 21
Bore, Stroke, Displacement, Type	1, 2	Suppression - Ignition, Radio	11
Compression Ratio	1, 2	Suspension - Front & Rear	19, 20, 21
Firing Order, Cylinder Numbering	2, 11	Switches	12
General Information, H.P. & Torque	1, 2	Tailpipe	7
Lubrication	6, 7	Thermostat, Cooling	9
Power Teams	3	Timing, Engine & Valve	5, 6, 11
Exhaust System	7	Tires	1, 18
Equipment Availability	32	Toe In	21
Fan, Cooling	9	Torque Converter	16
Filters - Engine Oil, Fuel System	7, 8	Torque - Engine, Rated	1, 2, 3
Frame	19	Transmission - Types	1, 3, 8, 15, 16
Front Suspension	19, 20	Automatic	1, 3, 8, 15, 16
Fuel, Fuel Pump, Fuel System	1, 2, 8	Manual & Overdrive	1, 3, 8, 15, 16
Fuel Injection	1, 8	Ratios	15, 16
Fuses, Circuit Breakers	14	Tread	1, 22
Generator and Regulator	10	Trunk Luggage Capacity	30
Glass	24, 32	Turning Diameter	20
Height (Lamps)	14	Utilized Construction	19
Headroom - Body	26, 27, 30	Universal Joints, Propeller Shaft	16, 17
Heights - Overall	1, 24	Valves - Intake & Exhaust	5, 6
Hood	23	Vibration Damper	5
Horns	12	Voltage Regulator	10
Horsepower - Brake, Taxable	1, 2, 3	Water Pump	9
Ignition System	11	Weights - Shipping, Curb	33
Inflation - Tires	18	Wheel Alignment	21
Instruments	7, 12	Wheelbase	1, 23
Kingpin (Steering Axis)	21	Wheels & Tires	18
Lamp Bulbs	13	Wheel Spindle	21
		Widths - Car & Body	1, 22
		Windshield	24, 32
		Windshield Wiper	12