

AMA Specifications – Passenger Car

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MANUFACTURER CHRYSLER-PLYMOUTH DIVISION CHRYSLER CORPORATION	CAR NAME CHRYSLER	
MAILING ADDRESS Detroit, Michigan 48231	MODEL YEAR 1965	ISSUED: August 20, 1964 REVISED (●) February 2, 1965

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.				
	NEWPORT	300	300 L	NEW YORKER
2-Door Hardtop	AC1-L-23	AC2-M-23	AC2-P-23	AC3-H-23
Convertible Coupe	AC1-L-27	AC2-M-27	AC2-P-27	
4-Door Sedan	AC1-L-41			
4-Door, 6-Window Sedan	AC1-L-42			AC3-H-42
4-Door Hardtop	AC1-L-43	AC2-M-43		AC3-H-43
Station Wagon, 6-Pass.	AC1-L-45			AC3-H-45
Station Wagon, 9-Pass.	AC1-L-46			AC3-H-46

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MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 REVISED(•) 2-2-65

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.	AC1-L				AC2-M			AC2-P		AC3-H			
			23	27	41, 42 43	45, 46	23	27	43	23	27	23, 43	42	45, 46	
Wheelbase (L101)		23	124.0			121.0		124.0							121.0
Tread	Front (W101)	22	62.0												
	Rear (W102)	22	60.7												
Maximum Overall Dimensions	Length (L103)	23	218.2		218.4		218.2							219.0	
	Width (W103)	22	79.5												
	Height (H101)	24	54.9	55.9	(a) 56.4	56.8	55.3	56.3	55.9	55.3	56.3	55.9	56.7	57.0 •	
Transmission— (Specify trade name - opt., not available)	Manual	3-speed 15	Std						NA						
		4-speed 16	Opt, not with 2-bbl, 383-cu in.				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	8.25 x 14			8.55 x 14								9.00 x 14	
Engine	Type, no. cyl., valve arr.		2		90° V-8, OHV										
	Fuel system (Carb., other)		8		1, 2-bbl Carb				1, 4-bbl Carb						
	Bore and stroke		2		4.25 x 3.38						4.19 x 3.75				
	Piston displ., cu.in.		2		383						413				
	Std. compression ratio		2		9.2				10.0		10.1				
	Max. bhp at engine rpm		2		270 @ 4400				315 @ 4400		360 @ 4800		340 @ 4600		
	Max. torque at rpm		2		390 @ 2800				420 @ 2800		470 @ 3200		470 @ 2800		

(a) 4-Door Hardtop 55.6

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED (a)
	AC1		AC2		AC3		
	Std	Opt	Std	Opt	Std	Std	Opt

ENGINE—GENERAL

Type, no. cyls., valve arr.		90° V-8, OHV			
Bore and stroke (nominal)		4.25 x 3.38		4.19 x 3.75	
Piston displacement, cu. in.		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			
Compras. ratio (nominal)		9.2	10.0	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 <u>Dia. 2 x No. Cyl.</u> horsepower 2.5		57.8		56.2	
Published max. bhp* @ eng. RPM		270 @ 4400	315 @ 4400	360 @ 4800	340 @ 4600 360 @ 4800
Published max. torque* (lb. ft. @ RPM)		390 @ 2800	420 @ 2800	470 @ 3200	470 @ 2800 470 @ 3200
Recommended fuel regular - premium		Regular	Premium		
Idle speed (spec. neutral or drive)	Manual	500 in neutral			
	Automatic	500 in neutral			

ENGINE—PISTONS

Material			Aluminum alloy		
Description and finish			Slipper-type, steel strut, elliptically-turned		
Weight (piston only) oz.			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		.220		.217
	No. 2 ring		.220		.217
	No. 3 ring		.208		.206
	No. 4 ring		None		

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

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POWER TEAMS
(date whether standard or optional)

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		See Page 3 for Engine Usage					
MODEL	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.	Top - Cast iron, std taper and twist, chrome-plated; #2 - Cast iron, std taper and twist, tin-plated	Top - Cast iron, barrel-lap face, std twist, chrome-plated; #2 - Cast iron std taper and twist, tin-plated
	Width	.078	
	Gap	.013 - .025	
Oil	Description - material, type, coating, etc.	3-piece, two chrome-plated rails with stainless steel expander-spacer	
	Width	.186	
	Gap	.015 - .055	
Expanders		None	

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)

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		See Page 3 for Engine Usage					
MODEL	383 Cu In.	413 Cu In.					

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	
Valve rotator, type (intake, exhaust)		Low-friction lock on exhaust	
Rocker ratio		1.5	
Operating tappet clearance (indicate hot or cold)	Intake	Hydraulic	
	Exhaust	Hydraulic	
Timing marks on flywheel, damper, other		Stationary indicator on chain case cover	

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MODEL	AC1-L Std and Opt AC2-M Std	AC2-M Opt AC2-P Std AC3-H Opt	AC3-H Std			

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (^o BTC)	13	24	14
		Closes (^o ABC)	59	64	62
		Duration - deg.	252	268	256
	Exhaust	Opens (^o BBC)	59	64	62
		Closes (^o ATC)	13	24	18
		Duration - deg.	252	268	260
	Valve opening overlap		26	48	32
Intake	Material		SAE 1041		
	Overall length		4.87		
	Actual overall head dia.		2.08		
	Angle of seat & face		45 ^o		
	Seat insert material		None		
	Stem diameter		.37		
	Stem to guide clearance		.001 - .003		
	Lift (@ zero lash)		.392	.431	.425
	Outer spring press. and length	Valve closed (lb. @ in.)	100 @ 1.86		
		Valve open (lb. @ in.)	195 @ 1.47		
	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		
	Angle of seat & face		45 ^o		
	Seat insert material		None		
	Stem diameter		.37		
	Stem to guide clearance		.002 - .004		
	Lift (@ zero lash)		.390	.431	.437
	Outer spring press. and length	Valve closed (lb. @ in.)	100 @ 1.86		
		Valve open (lb. @ in.)	195 @ 1.47		
	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

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MODEL	AC1-L Std & Opt AC2-M Std	AC3-H Std	AC2-M Opt AC3-H Opt	AC2-P Std			

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.)	4
Oil grade recommended (SAE viscosity and temperature range)	Consistently above +32F SAE 20W-40 or SAE 30 Occasionally as low as -10F SAE 10W-30 Consistently between +32F and -10F . . SAE 10W Consistently below +10F SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single, with crossover	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One reverse-flow muffler with one straight-thru resonator	Two, reverse-flow
Exhaust pipe dia. (O.D.)	Branch 1.88 x .083	2.00 x .083 (a)
Exhaust pipe wall thickness	Main 2.25 x .083	2.50 x .083 (a)
Tail pipe diameter (O.D. & wall thickness)	2.00 x .048	2.25 x .083
		2.50 x .075

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard Optional	Induction system - - -
Make and model		Chicago Screw (2463554)
Location		Cylinder head cover outlet
Energy source (manifold vacuum, carburetor air stream, other)		Manifold vacuum
Control method (variable orifice, fixed orifice, other)		Variable orifice
Discharges (to intake manifold, carb. air intake, air cleaner intake, other)		Intake manifold, at or below base of carburetor
Air inlet (breather cap, carburetor air cleaner, other)	Std: Breather cap Spec: Tube from carburetor air filter intake horn to oil filler cap	
Flame arrestor (screen, check valve, other)		Check valve

(a) Laminated.

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MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 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 - 25, station wagon - 22
	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
	Intake manifold heat control (exhaust or water)	Exhaust
	Air clr. type	Paper element
		- -

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage		Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
				Make	Model		
Newport AC1-L	Std	383	Manual	Ball and Ball	BBD-3849 S	1, 2-bbl	1.56
				Holley	WWC3-254		
			Automatic	Ball and Ball	BBD-3850 S		
				Holley	WWC3-255		
	Opt	383	Automatic	Carter	AFB-3856 S	1, 4-bbl	P: 1.44 S: 1.56
			Manual		AFB-3855 S		
300 AC2-M	Std	383	Manual	Carter	AFB-3855 S	1, 4-bbl	P: 1.44 S: 1.56
			Automatic		AFB-3856 S		
	Opt	413	Manual		AFB-3859 S		
			Automatic		AFB-3860 S		
300 L AC2-P	Std	413	Automatic	Carter	AFB-3860 S	1, 4-bbl	P: 1.44 S: 1.56
			Manual		AFB-3859 S		
New Yorker AC3-H	Std	413	Automatic	Carter	AFB-3858 S	1, 4-bbl	P: 1.44 S: 1.56
	Opt				AFB-3860 S		

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			See Page 3 for Engine Usage				
			383 Cu In.		413 Cu In.		
MODEL		Std	W/AC	Std	W/AC		

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)	Pressure-Vent				
Radiator cap relief valve pressure	14, 16 with air conditioning				
Circulation	Type (choke, bypass)	Choke			
thermostat	Starts to open at (°F)	177 - 184			
	Type (centrifugal, other)	Centrifugal			
	GPM @ 1000 pump rpm	NA			
Water pump	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	(a)	(b)	(a)	(b)
	Diameter	18	18.5	18	18.5
	Ratio-fan to crankshaft rev.	.95-1	1.40-1	.95-1	1.40-1
	Fan cutout type	None	Viscous	None	Viscous
	Bearing type	See water pump			
*Drive belts (indicate belt used by letter)	Fan	A	C	A	C
	Alternator	A	D (2)	A	E (2)
	Water Pump	A	C	A	C
	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	36.00	65.00	66.50
Width	.38	.50	.38	.47	

(a) 76° - 104°.

(b) 60° - 45° - 59° - 47° - 54° - 50° - 45°.

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See Page 3 for Engine Usage						
MODEL	383 Cu In.		413 Cu In.			

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model		Various			
	Voltage Rtg. & Total Plates		12, 78			
	SAE Designation & Amp Hr. Rtg		9 HC 5, 70			
	Location		Left front fender shield			
	Terminal grounded		Negative			
Generator	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 @ 70F			
		Current	- - -			
	Voltage test conditions	Temperature	70F			
		Load	15 - amp			
		Other	Run 15 min. @ 1200 engine rpm			

ELECTRICAL—STARTING SYSTEM

Starting motor	Make		Chrysler			
	Model		Automatic 2095150			
	Rotation (drive end view)		Clockwise			
	Engine cranking speed		35 rpm (cold)			
	Test conditions		-20F with SAE 5W-20 engine oil			
	Lock test	Amps	400 - 450			
		Volts	4			
		Torque (lb. ft.)	- - -			
	No load test	Amps	90 max.			
		Volts	11			
		RPM (min.)	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			

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MODEL	AC1-L Std & Opt AC2-M Std	AC3-H Std	AC2-P- Std AC2-M Opt AC3-H Opt			

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type	Solenoid
	Pinion meshes (front, rear)	Front
	Number of teeth	10
	Flywheel	130
	Flywheel tooth face width	.340

ELECTRICAL—IGNITION SYSTEM

Coil	Make		Chrysler		
	Model		2444242 or 2444241		
	Amps	Engine stopped	3.0		
		Engine idling	1.9		
Distributor	Make		Chrysler		Prestolite
	Model		2444676	2444867	IBS-4006 K
	Cent'fugal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	0 @ 500 - 900	0 @ 620 - 980	
		Intermediate points deg. @ rpm	0 - 4 @ 900	0 - 4 @ 980	0 - 8 @ 950
			5 - 9 @ 1400	7 - 11 @ 1600	9 - 13 @ 1280
	Max deg. @ rpm	21-25 @ 4300	17-21 @ 4600	18-22 @ 4800	
			0 @ 4.5 - 8	0 @ 6 - 9	0 @ 6 - 9
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)			
		Intermediate points, deg @ in Hg	12-18 @ 12	9 - 15 @ 12	9 - 15 @ 12
			Max. deg. in. Hg.	18-24 @ 14.4	16.5-22 @ 15
	Breaker gap (in.)		.014 - .019		
	Cam angle (deg.)		28° - 33°		36° - 42° (a)
	Breaker arm tension (oz.)		17 - 20		17 - 21.5
Crankshaft deg. @ idle		10 BTC	12.5 BTC		
Timing	Mark location		Water pump housing		
	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-14 Y MoPar P-3-6P	Champion J-10-Y MoPar P-3-3P	
	Thread (mm)		14 - mm		
	Tightening torque (lb. ft.)		30 - 32		
	Gap		.035		
Cable	Conductor type		Resistor		
	Insulation type		Synthetic rubber with hypalon jacket		
	Spark plug protector		Silicone		

ELECTRICAL—SUPPRESSION

Locations & type	Resistor-type spark plug and coil leads
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(a) Each set 27° - 32°.

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MODEL All Models

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make	King Seeley	
	Trip odometer (yes, no)	Yes	
Charge indicator—type		Ammeter	
Temperature indicator—type		Light	
Oil pressure indicator—type		Light	
Fuel indicator—type		Electric-Thermal	
Other		None	
Ignition switch	Identify positions in order and circuits controlled	Center position Off 1st position clockwise Ignition and accessory circuit 2nd position clockwise Starter and ignition circuit 1st position counterclockwise . . Accessory circuit	
	Provision for illumination	Yes	
	Location	Right of steering column	
Main light-ing 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	
	Locations and lamps controlled	INSTRUMENT LAMPS: Rheostat, integral 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. OIL PRESSURE: Engine.	
Other light switches	Locations and devices controlled	WINDSHIELD WIPER SWITCH - one-speed, left of steering column (Variable-speed optional) HEATER CONTROL - push button, and slide lever right of steering column	
	Locations and devices controlled	DEFROSTER CONTROL - push button, right of steering column AIR VENT - push-pull, right and left of steering column HEATER BLOWER - 4-position toggle, right of steering column REAR HEAT CONTROL - push button, right of steering column	
Windshield wiper	Make (Motor)	Single-speed - Prestolite; Variable-speed - Prestolite or Leece-Neville	
	Type	Electric	
	Vacuum booster provision	None	
Horn	Washer provision	Yes	
	Type	Sea Shells	
	Number used	Two	
Amp draw (each)		Spartan Automotive: 6-8 amp; Autolite: 8-10 amp	

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED (*)
	AC1-L		AC2-M	AC2-P	AC3-H		
MODEL	Exc 45, 46	45, 46	All	All	Exc 45, 46	45, 46	

ELECTRICAL—LAMP BULBS

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

Headlamps & arrangement		Hi-beam 2-4001, lo-beam 2-4002			
Headlamp beam indicator		1-158			
Parking		2-1034A (A)			
Tail		2-1034 (B)	2-1034 (B) (***)	2-1034 (B)	2-1034 (B) (***)
Stop		Same as (B)			
Direction signal	Front	Same as (A)			
	Rear	Same as (B)			
	Indicator	1-158		2-1816	
License Plate		1-67			
Oil pressure indicator		1-158			
Charge indicator		Gauge			
Instrument		5-158			
Clock		1-57			
Radio		1-1893			

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

Ignition lock	Std 1-57					
Back up	Opt 2-1073			Std 2-1073		
Dome	Std 1-1004 (*)					
Glove compartment	Opt 1-1891			Std 1-1891		
Prkg. brake signal	Opt 1-158			Std 1-158		
Luggage compartment	Opt 1-1004	NA	Opt 1-1004	Std 1-1004	NA	Std 1-1004
Underhood	Opt 1-1004 (Dealer-installed only)					
Courtesy	Opt 1004 (**) (C)			Std 1-1004 (C)		
Map	Same as (C)					
Heater/air conditioner	Opt 1-57					
Auto pilot	Opt 1-57					
Ash receiver	Std 2-53X					
Temperature indicator	Std 2-158					

- (*) On C-pillar for hardtops; 1-90 on pocket panel for convertible coupes.
- (**) Standard for convertible coupes.
- (***) 4-67 on station wagons.

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED (a)
	AC1-L		AC2-M	AC2-P	AC3-H		
MODEL	Exc 45, 46	45, 46	All	All	Exc 45, 46	45, 46	

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	Same as (A)
Parking lamp	AGC 20 (B)
Tail lamp	Same as (B)
Stop lamp	Same as (B)
Direction indicator	None
License plate lamp	Same as (B)
Instrument lamp	AGC 4 (C)
Ignition lamp	Same as (B)
Back up lamp	Same as windshield wiper
Dome lamp	Same as (B)
Clock	None
Clock lamp	Same as (C)
Radio	AGC 7.5
Glove compartment lamp	AGC 20 (D)
Trunk	Same as (B)
Underhood	None
Parking brake indicator	Same as (D)
Cigar lighter	AGC-20
Map and courtesy	Same as (D)
Heater or A/C	AGC-20
Oil pressure indicator	None
Windshield wiper	7.5 CB
Power windows, seats, & tail gate window	30 CB

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	- - -				
		Highest	23.4	22.6	23.9	23.8	23.0
	Stop		Same as tail lamp				
	Backup		23.4	22.6	23.9	23.8	23.0
	License, rear		18.5	17.5	18.9	18.8	17.8
	Directional	Front	17.1	17.8	17.4	18.0	
		Rear	Same as tail lamp				
	Headlamp	Inside	26.6	27.4	26.9	27.0	27.6
		Outside*	26.6	27.4	26.9	27.0	27.6
Distance from C/L of car to center of bulb	Tail	Inside	- - -	22.9	- - -	22.9	
		Outside	27.85	27.8	27.85	27.8	
	Stop		Same as tail lamp				
	Backup						
	License, rear		0				
	Directional	Front	25.7				
		Rear	Same as tail lamp				
	Headlamp	Inside	22.5				
		Outside*	29.6				

* If single headlamps are used enter here.

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MAKE OF CAR	CHRYSLER	MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED (•)
MODEL	AC1-L	AC2-M	AC2-P	AC3-H		

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Borg and Beck, dry plate, semicentrifugal	- - -
Type pressure plate springs	Coil	
Effective plate pressure (lb.)	2731	
No. of clutch driven discs	One	
Clutch facing	Material	Woven asbestos
	Outside & inside dia.	10.5 x 6.5
	Total eff. area (sq.in.)	106.8
	Thickness	.125
	Engagement cushioning method	Flat wave springs
Release bearing	Type & method of lubrication	Ball bearing, permanently lubricated
Torsional damping	Methods: springs, friction material	Coil springs and friction washers

DRIVE UNITS—TRANSMISSIONS

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

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		Three or four	Four	- -
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		Steering column	Floor or console	- -
Lubricant	Capacity (pt.)	5.0	7.5	- -
	Type recommended	(b)	(c)	- -
	SAE viscosity number	Summer	(b)	(c)
		Winter	(b)	(c)
		Extreme cold	(b)	(c)

- (a) Manual 4-speed not available on AC1-L with 2-bbl, 383-cu in. engine.
- (b) Automatic Transmission Fluid, Type AQ-ATF, Suffix "A" should be used for all anticipated temperature ranges; in warm climates, Multipurpose Gear Lubricant, SAE 90 may be used.
- (c) Multipurpose Gear Lubricant, SAE 140; during continuous extremely cold weather, Multipurpose Gear Lubricant, SAE 80 or SAE 90, or Automatic Transmission Fluid, Type AQ-ATF, Suffix "A" may be used.

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MAKE OF CAR	CHRYSLER		MODEL YEAR		1965		DATE ISSUED		8-20-64		REVISED (a)	
					AC1-L		AC2-M		AC2-P		AC3-H	
					383 Cu In.		383 Cu In.		413 Cu In.			
MODEL			2-bbl	4-bbl	4-bbl	4-bbl (a)	4-bbl (a)	4-bbl (a)	4-bbl	4-bbl (a)		

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)		
	Separate filler (yes, no)		
	Type recommended		
Lubricant	SAE viscosity 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)		Selector lever: on steering column or on console when so equipped							
Selector Pattern		P - R - N - D - 2 - 1							
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		45-80		40-70		50-80		40-70	50-80
Max. kickdown speeds—drive range		70		60 65		70		65	70
Torque converter	Number of elements	Three							
	Max. ratio at stall	2.0							
	Type of cooling (air, water)	Water							
Lubricant	Capacity—refill (pt.)	19.5							
	Type recommended	Automatic Transmission Fluid, Type AQ-ATF, Suffix "A"							
Special transmission features		Parking pawl							
Model		AC1-L		AC2-M	AC2-P	AC3-H			
		Exc 45, 46	45, 46			Exc 45, 46	45, 46		

DRIVE UNITS—PROPELLER SHAFT

Number used		One					
Type (exposed, torque tube)		Exposed					
Outer diameter x length* x wall thickness	Manual	3-speed	3.25 x 60.91 x .065	3.25 x 58.85 x .065	3.25 x 60.91 x .065	NA	
		4-speed	3.25 x 58.85 x .065	3.25 x 56.90 x .065	3.25 x 58.85 x .065	NA	
	Automatic transmission		3.00 x 58.40 x .065	3.00 x 56.48 x .065	3.00 x 58.40 x .065	3.25 x 55.60 x .065	3.25 x 53.66 x .065

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

(Continued)

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(a) Special camshaft.

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MAKE OF CAR	CHRYSLER	MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED (a)
MODEL	AC1-L	AC2-M	AC2-P	AC3-H		

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)	Manual: Front, Ball and trunnion; Rear, Cross and roller (b)			(c)
	Bearing	Type (plain, anti-friction)	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	3-speed	3.23	
		4-speed	- - -	3.23
	Automatic transmission	2.76	3.23	2.76
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 (a)		
	SAE viscosity number	Summer	SAE 90: Above -10F	
		Winter	SAE 80: Above -30F	
		Extreme cold	SAE 75: Below -30F	

(a) Chrysler Sure-Grip Differential Lubricant (part number 2585318) only should be used when equipped with the Sure-Grip Differential.

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		2.76	2.93	3.23
No. of teeth	Pinion	17	14	13
	Ring gear	47	41	42

(b) With automatic, front and rear cross and roller.

(c) Front - constant-velocity, two cross and roller; rear - cross and roller

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED	(*)2-2-65
MODEL	AC1-L		AC2-M		AC3-H			
	Exc 45, 46	45, 46	AC2-P	Exc 45, 46	45, 46			

DRIVE UNITS—WHEELS

Type & material	Disc, steel					
Rim (size and flange type)	Std.	5.5 K	6.0 K	5.5 K	6.0 K	6.5 K
	Opt.	6.0 K	- -	6.0 K	- -	
Attachment	Type (bolt or stud)	Stud				
	Circle diameter	4.5				
	Number and size	Five, 1/2 - 20 NF				

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	8.25 x 14, 2	8.55 x 14, 2	9.00 x 14, 4
	Type - Nylon, etc.	Rayon		
Rev/mile at 50 mph.		761	741	720 •
Inflation press.(cold)	Front	24	22	24
	Rear	22	26 (a)	24
Optional tires - size and ply		8.55 x 14, 2	8.85 x 14, 2	- -

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.)	Integral		
Effective area (sq. in.)*	202.1	263.3	287.2
Gross lining area (sq. in.)**	202.1	263.3	287.2
Swept drum area (sq. in.)***	328.3	380.1	414.7
Percent brake effectiveness—front		60	
Drum	Diameter	Front	11
		Rear	11
	Type and material		
		Cast iron, composite	
Wheel cyl- inder 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 830, Power 930	
Shoe clearance adjustment		No major adjustment required	

* 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.

(Continued)

(a) When normally fully loaded, increase tire pressure 6 psi.

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED	(a)
			AC1-L		AC2-M		AC3-H	
MODEL			Exc 45, 46	45, 46	AC2-P		Exc 45, 46	45, 46

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted			Bonded			
	Front Shoe	Material		Extruded Asbestos			
		Size (length x width x thickness)	Front wheel	9.31 x 2.75 x .21	11.97 x 3.00 x .21		
			Rear wheel	9.31 x 2.00 x .21	11.97 x 2.50 x .21		11.97 x 3.00 x .21
		Segments per shoe			One		
	Rear Shoe	Material		Extruded Asbestos			
		Size (length x width x thickness)	Front wheel	11.97 x 2.75 x .21	11.97 x 3.00 x .21		
			Rear wheel	11.97 x 2.00 x .21	11.97 x 2.50 x .21		11.97 x 3.00 x .21
		Segments per shoe			One		

BRAKES—PARKING

Type of control	Foot-operated, hand pull-release	
Location of control	Under 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	Unit Construction
----------------------	-------------------

SUSPENSION—GENERAL

Provision for car leveling	By manual adjustment at torsion bar front 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
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(Continued)

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE	ISSUED	8-20-64	REVISED	(a) 2-2-65
MODEL	AC1-L		Exc 45, 46	45, 46	AC2-M	AC2-P	AC3-H		
							Exc 45, 46	45, 46	

SUSPENSION FRONT (cont.)

Spring	Type	Torsion bar						
	Material	Chromium alloy steel						
	Size (coil design height & I.D.; bar length x dia.)	47.0 x 0.96						
	Spring rate (lb. per in.)	Not applicable						
	Rate at wheel (lb. per in.)	110						
Stabilizer	Design load (lb. @ design height)	Not applicable						
	Type (link, linkless, frameless)	Link						
	Material & bar diameter	0.88	0.94	0.88		0.94		

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					
		Power	16.0					
Turning diameter	Outside front	Wall to wall (l. & r.)	47.0	46.4	47.0	47.1	46.5	
		Curb to curb (l. & r.)	44.0	43.4	44.0	44.1	43.5	
	Inside rear	Wall to wall (l. & r.)	26.2	25.7	26.2	26.3	25.8	
		Curb to curb (l. & r.)	27.0	26.5	27.0	27.1	26.6	

Outside wheel angle with inside wheel at 20°

17.6°

Manual	Gear	Type		Worm and ball nut	- -
		Make		Chrysler	- -
		Ratios	Gear	24.0	- -
			Overall	32.0	- -
	No. wheel turns			5.8	- -
Power	Type (coaxial, linkage, etc.)			Integral	
	Make			Chrysler	
	Gear	Type		Rack and sector	
		Ratios	Gear	15.7	
			Overall	19.6	
	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	

(Continued)

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MAKE OF CAR	CHRYSLER		MODEL YEAR	1965	DATE ISSUED	8-20-64	REVISED (a)	2-2-65
			AC1-L		AC2-M		AC3-H	
MODEL			Exc 45, 46	45, 46	AC2-P		Exc 45, 46	45, 46

STEERING (cont.)

Steering Axis	Inclination at 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°
	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.)		62 x 2.5				
	Spring rate (lb. per in.)		85	125	85	125	
	Rate at wheel (lb. per in.) (b)		100	145	100	145	
	Load (lb. at design height)		See chart below				
	Mounting Insulation type		Rubber				
	If leaf	No. of leaves		5.5	6.5		
		Inserts	Type and size	6/3.50	8/3.50		
Material			Front - plastic; rear - wax-impregnated fabric				
Stabilizer	Shackle (comp. or tens.)		Compression				
	Type (link, linkless, frameless)		None				
Material		- - -					
Track bar type			None				

CHECKING LOAD @ -0.38" OPENING

Left Side	830	1080 (c)	830	860	1080 (c)
Right Side	800	1040 (c)	800	830	1040 (c)

- (a) Maximum differential 0.75°, driver's side less positive.
 (b) Includes tires.
 (c) For AC1-L-46 and AC3-H-46, left side 1120, right side 1080.

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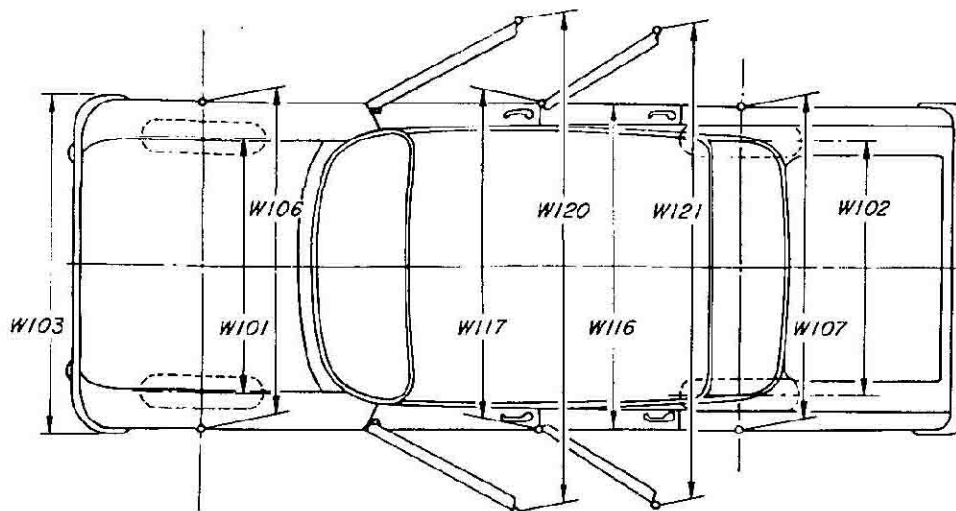
MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 REVISED (12-2-65)

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



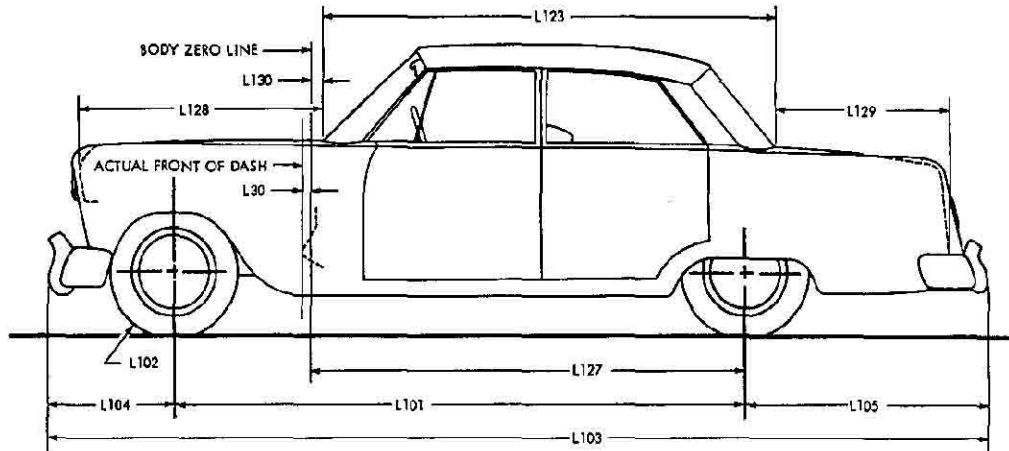
MODEL	Ref. No.	AC1			AC2		AC3	
		23, 27	41, 42, 43	45, 46	23, 27	43	41, 42, 43	45, 46
Tread - front	W101				62.0			
Tread - rear	W102				60.7			
Maximum overall car width	W103				79.5			
Maximum overall body width	W116				79.4			
Maximum body width at #2 pillar	W117				77.6			
Front fender overall width	W106				79.5			
Rear fender overall width	W107				79.4			
Maximum overall car width - front doors open	W120	166.2	152.6		166.2		152.6	
Maximum overall car width - rear doors open	W121	--	144.5		--		144.5	

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MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 REVISED(*)

EXTERIOR LENGTH DIMENSIONS



MODEL	Ref. No.	AC1		AC2	AC3	
		Exc 45, 46	45, 46		Exc 45, 46	45, 46
Body zero line to actual front of dash	L30	-4.8				
Wheelbase	L101	124	121	124	121	
Overhang - front	L104	35.2	35.7	35.2	35.7	
Overhang - rear	L105	59.0	61.7	59.0	62.3	
Overall length	L103	218.2	218.4	218.2	219.0	
Hood length at car centerline	L128a	59.1				
Body upper structure length at car centerline	L123	103.5 (a)	- -	103.5 (a)	103.5	- -
Deck length at car centerline	L129a	51.8 (b)	- -	51.8 (b)	51.8	- -
Body zero line to centerline of rear wheels	L127	102.0	99.6	102.0	99.6	
Body zero line to windshield cowl point	L130a	3.9				
Tire size	L102	8.25 x 14	8.55 x 14			9.00 x14

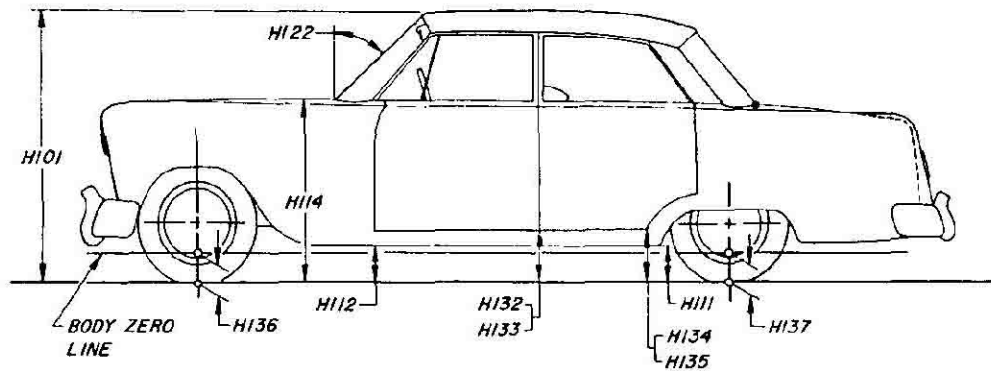
- (a) 2-Door Hardtop - 99.5.
(b) 2-Door Hardtop - 55.9.

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MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 REVISED (*)

EXTERIOR HEIGHT DIMENSIONS



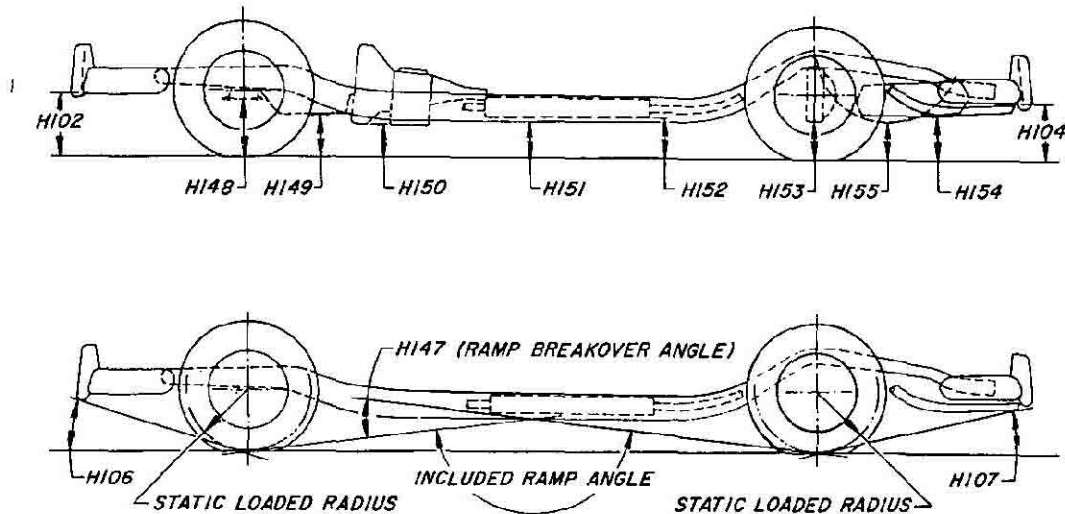
MODEL	Ref. No.	AC1				AC2			AC3		
		23	27	41,42,43	45,46	23	27	43	23,43	42	45,46
Overall height	H101	54.9	55.9	56.4	56.8	55.3	56.3	56.7	55.9	56.7	57.0
Hood at rear to ground	H114	37.5			38.0	37.8			37.8		38.2
Rocker panel to ground - front	H112	8.4			8.9	8.8					9.1
Rocker panel to ground - rear	H111	7.9			8.0	8.3					7.4
Bottom of door to ground, open - front	H132	12.3			12.7	12.4			12.6	12.9	
Bottom of door to ground, closed - front	H133	11.5			11.8	11.8			11.9		12.0
Bottom of door to ground, open - rear	H134	NA									
Bottom of door to ground, closed - rear	H135	- -		11.3	11.4	- -		11.6	11.6		11.7
Windshield slope angle	H122	55.0 ^o	50.5 ^o	55.0 ^o			50.5 ^o	55.0 ^o			
Body zero to ground - front	H136	13.64			14.24	13.94			13.99		14.45
Body zero to ground - rear	H137	12.73			12.73	13.11			13.10		13.03

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GROUND CLEARANCE DIMENSIONS



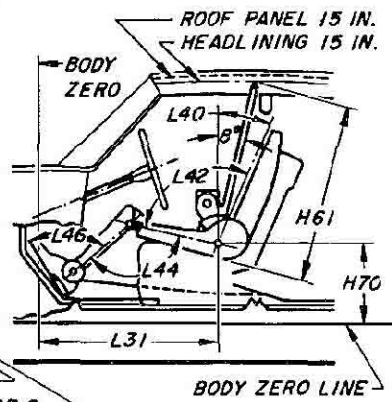
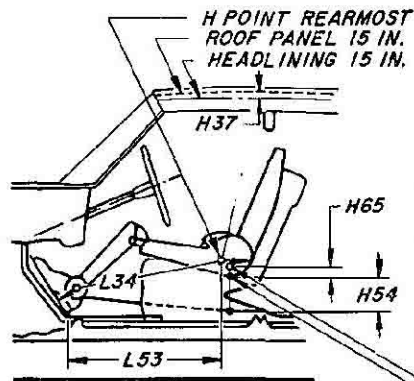
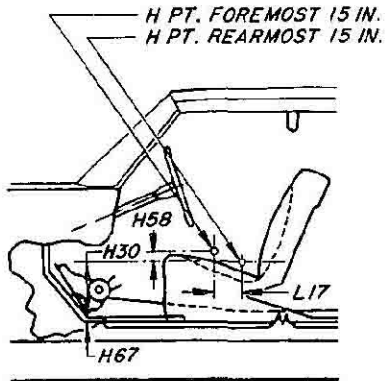
MODEL	Ref. No.	AC1		AC2	AC3	
		Exc 46	46		Exc 46	46
Front bumper to ground	H102	11.9	12.7	12.2	12.2	12.8
Rear bumper to ground	H104	11.0	9.8	11.4	11.3	10.1
Angle of approach	H106	24.4 ^o	25.3 ^o	24.6 ^o	25.0 ^o	25.7 ^o
Angle of departure	H107	11.2 ^o	10.1 ^o	11.7 ^o		10.4 ^o
Ramp breakover angle	H147	11.0 ^o	11.8 ^o	11.6 ^o	11.8 ^o	12.2 ^o
Front suspension to ground	H148	6.5	7.1	6.8		7.3
Oil pan to ground	H149	6.4	6.9	6.7		7.2
Flywheel housing to ground	H150	6.6	7.1	6.9	7.0	7.3
Frame structure to ground	H151	5.4	5.8			6.1
Exhaust system to ground	H152	5.4	5.8			6.0
Rear axle differential to ground	H153	7.3	7.5	7.4	7.7	7.8
Fuel tank to ground	H154	7.0	6.9	7.4		7.2
Spare tire well to ground	H155	Not applicable				
Minimum running ground clearance	H156	5.4	5.8			6.0

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FRONT COMPARTMENT DIMENSIONS



D POINT 15 IN.
D POINT CAR Q

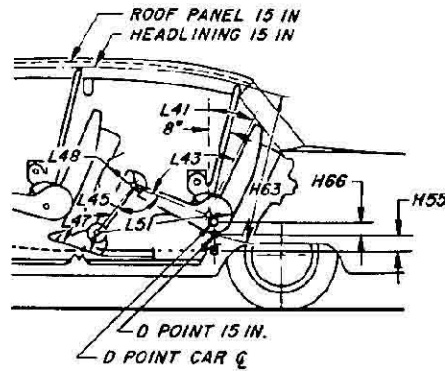
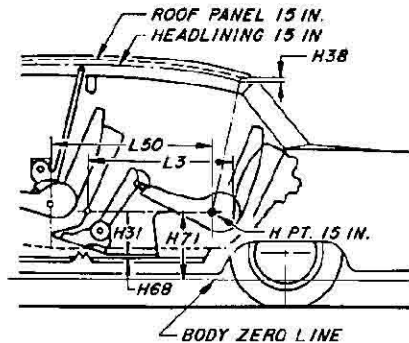
MODEL	Ref. No.	AC1-L					AC2-M			AC3-H		
		23	27	41, 42	43	45, 46	23	27	43	23, 43	42	45, 46
H Point to body zero line	L31	40.6					40.0			40.6		40.0
H Point to body zero line - front	H70	7.0					6.8			7.0		6.8
Effective head room	H61	37.9	39.8	39.3	38.5	39.6	38.1	40.0	38.7	38.5	39.3	39.8
Headlining to roof height	H37	0.8	0	0.8		0.5	0.8	0	0.8		0.5	
Maximum effective leg room - accelerator	L34	42.0					41.3			42.0		41.3
H Point to heel point	H30	8.9					8.7			8.9		8.7
Depressed floor covering thickness	H67	0.38										
Back angle	L40	24.5 ⁰					23 ⁰			24.5 ⁰		23 ⁰
Hip angle	L42	97 ⁰					93 ⁰			97 ⁰		93 ⁰
Knee angle	L44	129 ⁰					124 ⁰			129 ⁰		124 ⁰
Foot angle	L46	87 ⁰					85 ⁰			87 ⁰		85 ⁰
D Point differential, side to center	H65	0.5					- -			0.5		- -
D Point to tunnel	H54	2.5					- -			2.5		- -
H Point to accelerator floor point	L53	34.1					33.6			34.1		33.6
H Point travel	L17	4.5										
H Point rise	H58	1.3										

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REAR COMPARTMENT DIMENSIONS



MODEL	Ref. No.	AC1-L					AC2-M			AC3-H		
		23	27	41,42	43	45,46	23	27	43	23,43	42	45,46
H Point couple distance	L50	33.0		37.0	36.2	35.9	32.8	33.6	36.8	36.2	37.0	36.5
H Point to body zero line - rear	H71	5.3		6.8	6.3	6.8	5.3		6.3		6.8	
Effective head room	H63	37.9	38.7	38.5	37.9	39.6	38.1	38.4		37.9	38.5	39.6
Headlining to roof height	H38	0.8	0	0.8		0.5	0.8	0		0.8		0.5
Minimum effective leg room	L51	36.2		40.8	39.8	39.6	35.7	36.5	40.0	39.8	40.8	39.8
H Point to heel point	H31	10.4		11.8	11.4	11.9	10.4		11.4		11.8	11.9
Depressed floor covering thickness	H68	0.38										
Minimum knee room	L48	4.3		7.4	6.8	6.4	4.1	4.7	7.4	6.8	7.4	6.9
Rear compartment room	L3	26.7		30.3	29.5	30.6	26.7		29.5	26.7	30.3	30.6
Back angle	L41	25°										
Hip angle	L43	85°		98°	95°	95.5°	84°	85°		95°	98°	95°
Knee angle	L45	96°		121°	115°	114°	93°	97°	116°	115°	121°	114°
Foot angle	L47	103°		116°	113°	110°	101°	103°	112°	113°	116°	110.5°
D Point differential, side to center	H66	1.5		0.4	0.7	0.4	1.5		0.7		0.4	
D Point to tunnel	H55	1.0		1.6	1.3	1.6	1.0		1.3		1.6	

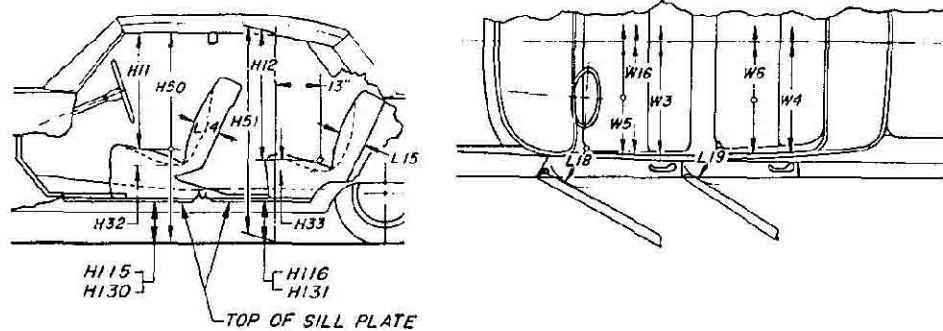
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MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 REVISED (•) _____

SEAT AND ENTRANCE DIMENSIONS



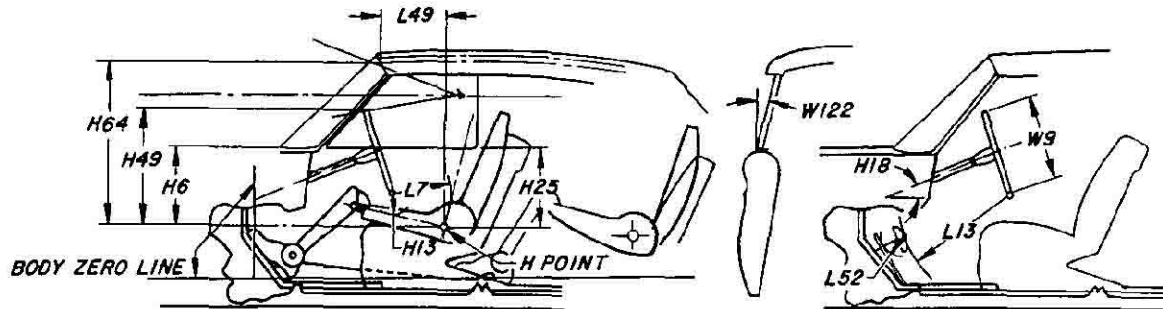
	Ref. No.	AC1-L					AC2-M			AC3-H			
		23	27	41,42	43	45,46	23	27	43	23,43	42	45,46	
Shoulder room - front	W3	60.0											
Hip room - front	W5	63.3											
Seat width - front	W16	57.0					24.0 each			57.0		24.0 each	
Upper body opening to ground - front	H50	50.1	- -	50.7	50.1	51.0	50.5	- -	50.4		51.0	51.2	
Entrance height - front	H11	29.9	- -	30.5	29.9	30.5	30.1	- -	30.1	29.9	30.5	30.7	
Step height - front (design load)	H115	13.8				14.2	14.1					14.4	
Step height - front (curb load)	H130	15.4					15.7					16.0	
Entrance foot clearance - front	L18	NA		16.6		NA				16.6		NA	
Seat cushion deflection - front	H32	3.8					3.5			3.8		3.5	
Seat back thickness - front	L14	6.6					5.5			6.6		5.5	
Shoulder room - rear	W4	60.0											
Hip room - rear	W6	63.8	50.6	63.4	63.5		63.8	50.6	63.5		63.4	63.5	
Upper body opening to ground - rear	H51	- -		50.1	50.0	49.6	- -		49.8	50.4	49.8	50.4	
Entrance height - rear	H12	30.9	- -	30.3	30.1	30.2	30.9	- -	30.1		30.3	30.2	
Step height - rear (design load)	H116	- -		13.4		13.6	- -		13.8		13.9		
Step height - rear (curb load)	H131	- -		15.5		16.0	- -		15.8	15.9		16.2	
Entrance foot clearance - rear	L19	NA		13.9	13.3	NA			13.3		13.9	NA	
Seat cushion deflection - rear	H33	3.7											
Seat back thickness - rear	L15	6.6		6.7	7.4	5.3	6.6		6.7	6.6	6.7	6.6	

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VISION AND CONTROL DIMENSIONS



MODEL	Ref. No.	AC1-L					AC2-M			AC3-H		
		23	27	41,42	43	45,46	23	27	43	23,43	42	45,46
H Point to windshield bottom DLO	H6	17.3					17.6			17.3		17.6
H Point to windshield upper DLO	H64	33.0		33.6	33.0	33.6	33.0				33.6	33.0
H Point to windshield upper DLO	L49	16.0		15.0	16.0	15.0	16.0				15.0	16.0
Belt height - front	H25	16.1					16.3			16.1		16.3
Steering wheel center to centerline of car	W7	17.2										
Steering wheel maximum outside diameter	W9	16.0										
Steering column angle - horizontal	H18	26.2 ^O										
H Point to top of steering wheel	H49	22.7					22.9			22.7		22.9
Steering wheel torso clearance	L7	12.3										
Steering wheel thigh clearance	H13	4.3					3.5			4.3		3.5
Brake pedal knee clearance	L13	24.2										
Brake pedal to accelerator	L52	3.6										
Tumble-home	W122	20 ^O										

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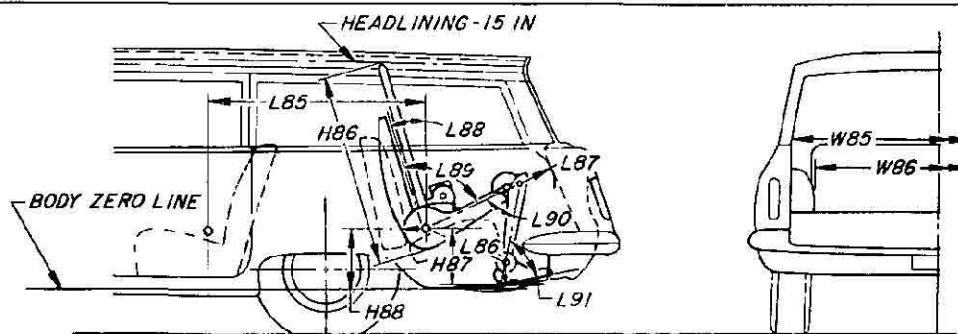
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LUGGAGE COMPARTMENT

MODEL	Ref. No.	AC1-L		AC2-M		AC3-H 23, 43
		23, 41, 42	27	23, 43	27	
Usable luggage capacity (See instructions)		16.5 Est	NA	16.5 Est	NA	16.5 Est
Liftover height	H195	27.6		28.0		
Position of spare tire storage		Kick-up	Floor	Kick-up	Floor	Kick-up
Method of holding lid open		Torsion bar				

THIRD SEAT DIMENSIONS



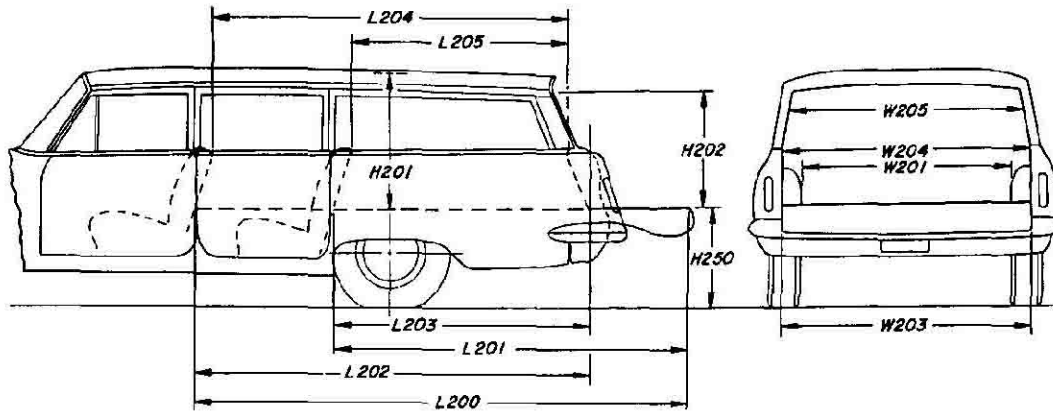
MODEL	Ref. No.	46
Seat facing direction		Rear
Shoulder room	W85	
Hip room	W86	44.9
H Point couple distance	L85	42.7
H Point to body zero line - third seat	H88	10.1
Effective head room	H86	35.6
Effective leg room	L86	32.3
H Point to heel point	H87	14.1
Knee room	L87	10.0
Back angle	L88	29°
Hip angle	L89	96°
Knee angle	L90	78°
Foot angle	L91	95°

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STATION WAGON—CARGO SPACE DIMENSIONS



MODEL	Ref. No.	AC1	AC3
Floor length from back of front seat at floor level to end of lowered tail gate or floor	L200	128.9	
Floor length from back of second seat at floor level to end of lowered tail gate or floor	L201	91.7	
Floor length from back of front seat at floor level to inside of closed tail gate	L202	95.7	
Floor length from back of second seat at floor level to inside of closed tail gate	L203	58.5	
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	87.8	
Minimum horizontal distance from top rear of second seat back to inside of tail gate at belt	L205	51.0	
Maximum width of cargo space at floor - specify location	W200	45.0, front of wheelhouse	
Minimum distance between wheel houses at floor level	W201	44.9	
Rear end opening width at floor	W203	55.0	
Rear end opening width at belt	W204	54.2	
Maximum width of rear opening above belt	W205	54.2	
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	29.5	
Platform height from ground to top of tail gate floor covering at rear most edge of tail gate - curb weight	H250	22.4	22.7
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		96.9	

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MAKE OF CAR	CHRYSLER					MODEL YEAR	1965		DATE ISSUED	8-20-64		REVISED	(•)	
	AC1-L					AC2-M & P			AC3-H					
MODEL	23	27	41	42	43	45 46	23	27	43	23	42	43	45 46	

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front												
	Rear doors	Front												
Type of finish (lacquer, enamel, other)		Buffable Acrylic 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, ignition 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	FW	Coil	FW	Coil	FW	Coil	FW	Coil	FW	Coil	FW	Coil	
	3rd seat	---			---			---			---			
Seat back type	Front	Coil			FW			ZZ			Coil			
	Rear	FW	Coil	FW	Coil			Coil			FW			
	3rd seat	---			Coil			---			Coil			
Windshield glass type (i.e., single curved - laminated plate)		Single, curved, laminated, safety plate												
Backlight glass type (i.e., compound curved - tempered plate, three piece)		(a)	(b)	(a)	(c)	(a)	(b)	(a)	(c)					
Side glass type (i.e., curved - tempered plate)		Curved, heat-treated, safety sheet												
Side glass exposed surface area		1494	1350	1586	1794	1567	3342	1494	1350	1567	1494	1794	1567	3342
Windshield glass exposed surface area		1508			1575			1508			1575			
Backlight glass exposed surface area		1142	1172	1290		863		1142	1172	1290		863		
Total glass exposed surface area		4144	4030	4451	4659	4365	5780	4144	4030	4365	4144	4659	4365	5780

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

Power windows	Side Windows	Opt											
	Vent Windows	Opt											
	Backlight or tailgate	---			Opt	---			Opt	---			
Power seats (specify type as well as availability)		Opt			NA			Opt					
Reclining front seat back		NA			Std with bucket seats								
Front seat headrest		NA			Opt								
Radios (specify type as well as availability)		Opt; push-button, AM-FM or search tune											
Rear seat speaker		Opt			NA			Opt			NA		
Power Antenna		Opt			NA			Opt			NA		
Clock		Opt			Opt (d)			Std					
Air Conditioner (specify type and availability)		Opt; integral with heater factory-installed or recirculating dealer-installed											

- (a) 1-piece curved. (b) 1-piece, plastic. (c) 1-piece, flat.
 (d) Standard for AC2-P, 300 L.

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MAKE OF CAR CHRYSLER MODEL YEAR 1965 DATE ISSUED 8-20-64 REVISED (*) 2-2-65

WEIGHTS

NEWPORT AC1-L	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
Model								
2-Door Hardtop	2225	1885	4110	51.2	48.8	24.4	75.6	4035
Convertible Coupe	2260	1925	4185	51.2	48.8	24.4	75.6	4025
4-Door Sedan	2225	1925	4150	51.2	48.8	19.6	80.4	4045
4-Door, 6-Window Sedan	2245	1950	4195	51.2	48.8	19.6	80.4	4000
4-Door Hardtop	2245	1930	4175	51.2	48.8	21.5	78.5	4050
Station Wagon, 6-Pass.	2130	2380	4510	51.2	48.8	20.5	79.5	4360
Station Wagon, 9-Pass.	2135	2415	4550	51.2	48.8	20.5	79.5	4455
300 AC2-M								
2-Door Hardtop	2280	1945	4225	52.3	47.7	24.8	75.2	4085
Convertible Coupe	2310	1970	4280	52.3	47.7	24.4	75.6	4140
4-Door Hardtop	2295	1985	4280	52.3	47.7	21.5	78.5	4150
300 L AC2-P								
2-Door Hardtop	2385	1965	4350	52.3	47.7	24.8	75.2	4245
Convertible Coupe	2415	1995	4410	52.3	47.7	24.4	75.6	4170
NEW YORKER AC3-H								
2-Door Hardtop	2365	1990	4355	51.2	48.8	21.5	78.5	4270
4-Door, 6-Window Sedan	2365	2020	4385	51.2	48.8	19.6	80.4	4265
4-Door Hardtop	2385	2035	4420	51.2	48.8	21.5	78.5	4295
Station Wagon, 6-Pass.	2280	2515	4795	52.3	47.7	20.5	79.5	4650
Station Wagon, 9-Pass.	2290	2560	4850	52.3	47.7	20.5	79.5	4745
Accessories & Equipment Differential Weights				Remarks				
Automatic Transmission			0	Newport and 300				
Power Brakes	+5	0	+5	Newport and 300				
Power Steering	+45	0	+45	Newport and 300				
Power Windows	+10	+10	+20					
Power Antenna	0	+5	+5					
Power Vent Windows	+5	0	+5	With power windows only.				
Power Seats - Bench	+20	+15	+35	NA on 300 and 300L				
Power Seats - Bucket	+20	+20	+40	Std on 300 and 300L				
Washer and Wiper	+5	0	+5	Newport and 300				
Auto Pilot	+10	0	+10	NA with manual transmission or manual brakes				
Vinyl Roof	+5	0	+5					
Air Conditioner	+125	+5	+130	Newport				
Air Conditioner	+120	+5	+125	With option engine on Newport only.				
Air Conditioner	+115	0	+115	Std 300				
Air Conditioner	+120	0	+120	Std New Yorker				
Radio	+10	0	+10					
Undercoat	+10	+45	+55	Std on New Yorker				

* 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.

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.)

H154 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.

H158 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.

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