AMA Specifications – Passenger Car

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MANUFACTURER	DODGE DIVISION CHRYSLER CORPORATION	CAR NAME	DODGE CORONET
MAILING ADDRESS	DETROIT, MICHIGAN 48231	MODEL YEAR 1965	ISSUED: August 7, 1964 REVISED (•) 3-1-65

NOTES:

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

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BODY—TYPES AND STYLE NAMES— Body type, number of passenger & style names; use manufacturer's code for series & body style.

	2-Door Sedan	2-Door Hardtop	Conv. Coupe	4-Door Sedan	Station Wagon (6-Pass)	Station Wagon (9-Pass)
SIX-CYLINDER MODELS						
Coronet	AW1-L-21			AW1-L-41	AW1-L-45	
Coronet 440		AW1-H-23	AW1-H-27	AW1-H-41	AW1-H-45	
V-8 MODELS						
Coronet	AW2-L-21			AW2-L-41	AW2-L-45	
Coronet 440		AW2-H-23	AW2-H-27	AW2-H-41	AW2-H-45	
Coronet 500		AW2-P-23	AW2-P-27			
(Effective January 25, 1965, the Car Series were Reorganized as Follows) SIX-CYLINDER MODELS						
Coronet	AW1-L-21			AW1-L-41		
Coronet Deluxe	AW1-L-21			AW1-L-41	AW1-L-45	
Coronet 440		AW1-H-23	AW1-H-27	AW1-H-41	AW1-H-45	
V-8 MODELS						
Coronet	AW2-L-21			AW2-L-41		
Coronet Deluxe	AW2-L-21			AW2-L-41	AW2-L-45	
Coronet 440		AW2-H-23	AW2-H-27	AW2-H-41	AW2-H-45	AW2-H-46
Coronet 500		AW2-P-23	AW2-P-27			

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GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL			Additional Information Page No.:	AW1				AW2			
				21, 41	23	27	45	21, 41	23	27	45, 46
Wheelbase (L101)			23	117.0			116.0	117.0			116.0
Tread	Front (W101)		22	59.5							
	Rear (W102)		22	58.5							
Maximum Overall Dimensions	Length (L103)		23	204.2			209.3	204.2			209.3
	Width (W103)		22	75.0			75.1	75.0			75.1
	Height (H101)		24	54.9	54.2	55.2		55.0	54.2	55.2	55.1
Transmission—(Specify trade name - opt., not available)	Manual	3-speed	15	Std							
		4-speed	16	NA				Opt: With opt 361-, 383-, and 426-cu in. engines only			
	Automatic		16	Opt							
Axle ratio	Manual	3-speed	17	3.31			3.23				
		4-speed	17	NA				3.23			
	Automatic		17	2.93							
Tire size			18	7.35 x 14, 2-ply			7.75 x 14, 2-ply	7.35 x 14, 2-ply			7.75 x 14, 2-ply
Engine	Type, no. cyl., valve arr.		2	Six, in-line, OHV				90° V-8			
	Fuel system (Carb., other)		8	1, 1-bbl carb				1, 2-bbl carb.			
	Bore and stroke		2	3.4 x 4.125				3.63 x 3.31			
	Piston displ., cu.in.		2	225				273			
	Std. compression ratio		2	8.4				8.8			
	Max. bhp at engine rpm		2	145 @ 4000				180 @ 4200			
	Max. torque at rpm		2	215 @ 2400				260 @ 1600			

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MODEL	AW1	AW2				
	Std	Std	Opt			
	225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In.	426 Cu In.

ENGINE—GENERAL

Type, no. cyls., valve arr.		6, in-line, OHV	90° V-8				
Bore and stroke (nominal)		3.4 x 4.125	3.63 x 3.31	3.91 x 3.31	4.12 x 3.38	4.25 x 3.38	4.25 x 3.75
Piston displacement, cu. in.		225	273	318	361	383	426
Bore spacing (C/L to C/L)		(a)	4.46		4.80		
No. system (front to rear)	L. Bank	- - -	1 - 3 - 5 - 7				
	R. Bank	- - -	2 - 4 - 6 - 8				
Firing order		1-5-3-6-2-4	1 - 8 - 4 - 3 - 6 - 5 - 7 - 2				
Compres. ratio (nominal)		8.4	8.8	9.0		10.0	10.3
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		1.1° right, 2.6° up					
Taxable horsepower $\frac{Dia.^2 \times No. Cyl.}{2.5}$		27.7	42.2	48.9	54.3	57.8	
Published max. bhp* @ eng. RPM		145 @ 4000	180 @ 4200	230 @ 4400	265 @ 4400	330 @ 4600	365 @ 4800
Published max. torque* (lb. ft. @ RPM)		215 @ 2400	260 @ 1600	340 @ 2400	380 @ 2400	425 @ 2800	470 @ 3200
Recommended fuel regular - premium		Regular				Premium •	
Idle speed (spec. neutral or drive)	Manual	(b)	500 in neutral				
	Automatic	(b)	500 in neutral				

ENGINE—PISTONS

Material			Aluminum alloy				
Description and finish			Slipper-type, steel strut, elliptically-turned, tin-plated	(c)	Slipper-type, steel strut, elliptically-turned, tin-plated		
Weight (piston only) oz.			16.4	18.7	20.9	25.3	27.1	27.4
Clearance (limits)	Top land		.025 - .030	.028 - .033	.029 - .034	.032 - .038		
	Skirt	Top	.0005 - .0015 specified, .00075 - .00125 desired					
		Bottom	- - -					
Ring groove depth	No. 1 ring		.179	.188	.205	.215	.220	
	No. 2 ring		.179	.188	.205	.215	.220	
	No. 3 ring		.181	.186	.198	.204	.208	
	No. 4 ring		None					

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

(a) 3.98 (1-2, 3-4, 5-6), 4.00 (2-3, 4-5). (b) 550 in neutral, alternator charging.
(c) Horizontal slot, steel band, elliptically-turned, tin-plated.

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POWER TEAMS
(Indicate whether standard or optional)

MODEL AVAILABILITY		ENGINE					TRANSMISSION		AXLE RATIO (Std. first) *Also with Sure-Grip
		Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
AW1	Except Station Wagon	225	1, 1-bbl	8.4	145 @ 4000	215 @ 2400	Manual		3.31 , 3.55 , 3.23*
							Automatic		2.93*, 3.31 , 3.55, 3.23*
	Station Wagon						Manual		3.23*, 3.55
							Automatic		2.94*, 3.23*, 3.55 •
AW2	Std	273	1, 2-bbl	8.8	180 @ 4200	260 @ 1600	Manual		3.23*, 2.94*, 3.55 •
							Automatic		2.94*, 3.23*, •
	Opt	318		9.0	230 @ 4400	340 @ 2400	Manual		2.94*, 3.23*, 3.55 •
							Automatic		2.94*, 3.23* •
		361			265 @ 4400	380 @ 2400	Manual	3-speed	3.23*, 3.55
								4-speed	3.23*, 3.55
							Automatic		3.23*, 2.76 •
		383	1, 4-bbl	10.0	330 @ 4600	425 @ 2800	Manual	3-speed	3.23*
								4-speed	3.23*, 2.94* •
							Automatic		3.23*, 2.76 •
		426		10.3	365 @ 4800	470 @ 3200	Manual	4-speed	3.23*
							Automatic		3.23*

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MODEL			See Page 3 for Engine Usage				
			225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In.	426 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.		(a)		Cast iron, standard taper and twist, tin-plated	(h)	(j)
	Width		.078				
	Gap		.010 to .020			.013 to .025	
Oil	Description - material, type, coating, etc.		(b)	3-piece, steel rail, chrome-face	Cast iron	(b)	
	Width		.186	Rails .025		.186	
	Gap		.010 to .020	.015 to .055	.010 to .020	.015 - .055	
Expanders			None		(c)	None	
ENGINE—PISTON PINS							
Material			High Manganese Steel				
Length			2.965	2.815	2.995	3.565	
Diameter			.9008	.9842		1.094	
Type	Locked in rod, in piston, floating, etc.		Press-fit in rod	Floating		Press-fit in rod	
	Bushing	In rod or piston	None	Rod		None	
		Material	- -	Bronze on steel		- -	
Clearance	In piston		(e)	.0000 to .0005		(e)	
	In rod		(f)	.0001 to .0006		(f)	
Direction & amount offset in piston			Right .06			Right .09	
ENGINE—CONNECTING RODS							
Material			Drop-forged steel				
Weight (oz.)			26.8	25.6		28.6	29.8
Length (center to center)			6.70	6.12		6.36	6.77
Bearing	Material & Type		(g)	Bi-metal grid		(g)	
	Overall length		.985	.843		.927	
	Clearance (limits)		.0005 to .0015				
	End play		.006 to .012	.006 to .014 (2 rods)		.009 to .017 (2 rods)	

(a) No. 1 - Cast iron, taper twist, tin-plated; No. 2 - Cast iron, reverse twist, taper face, lubrite-coated.
(b) 3-piece, two chrome-plated rails with stainless steel expander-spacer.
(c) Oil ring only: low-tension, hump type. (d) Oil ring only: Standard tension, hump type.
(e) .00045 to .00075. (f) .0007 to .0014 interference.
(g) Lead-base babbitt on steel, removable, precision.
(h) Top - Cast iron, std taper and twist, chrome-plated; No. 2 - Cast iron, std taper and twist, tin-plated.
(j) Top - Cast iron, barrel-lap face, std twist, chrome-plated; No. 2 - Cast iron, std taper and twist, tin-plated.

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MODEL

See Page 3 for Engine Usage

ENGINE—CRANKSHAFT

			225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In. 383 Cu In.	426 Cu In.
Material			Drop-forged steel				
Vibration damper type			Non-adhesion, rubber, dynamic				
End thrust taken by bearing (No.)			Three				
Crankshaft end play			.002 - .007				
Main bearing	Material & type		Lead-base babbitt on steel, removable, precision; # 3 only: tin-base babbitt on steel				
	Clearance		.0002 - .0022 specified; .0005 - .0015 desired				
	Journal dia. and bearing overall length	No. 1	2.750 x 1.034	2.500 x 0.872		2.625 x 0.944	2.750 x 0.944
		No. 2	2.750 x 1.034	2.500 x 0.872		2.625 x 0.944	2.750 x 0.944
		No. 3	2.750 x 1.254	2.500 x 1.151		2.625 x 1.151	2.750 x 1.223
		No. 4	2.750 x 1.034	2.500 x 0.872		2.625 x 0.872	2.750 x 0.944
		No. 5	- - -	2.500 x 1.562		2.625 x 0.944	2.750 x 0.944
		No. 6	- - -				
		No. 7	- - -				
	Dir. & amt. cyl. offset		None				
Crankpin journal diameter			2.187	2.125		2.375	

ENGINE—CAMSHAFT

Location			Right side	Center of "V" above crankshaft		
Material			Hardenable cast iron; oil pump and distributor drive gear cast integrally			
Bearings	Material		Lead-base babbitt on steel			
	Number		Four	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	68		50
		Width	.88	.637	1.02	.88
		Pitch	.50	.38		.50

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		NA		Standard
Valve rotator, type (intake, exhaust)		Low-friction lock on exhaust		
Rocker ratio		1.5		
Operating tappet clearance (indicate hot or cold)	Intake	.010 Hot	.013 Hot	Hydraulic
	Exhaust	.020 Hot	.021 Hot	Hydraulic
Timing marks on flywheel, damper, other		(a)	Stationary indicator on chain case cover	

(a) Stationary indicator on water pump housing.

(Continued)

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MODEL

See Page 3 for Engine Usage

			225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In. 426 Cu In.
ENGINE—VALVE SYSTEM (cont.)							
Timing	Intake	Opens (°BTC)	10	14	19	13	24
		Closes (°ABC)	50	46	45	59	64
		Duration - deg.	240	240	244	252	268
	Exhaust	Opens (°BBC)	50	58	59	59	64
		Closes (°ATC)	6	2	1	13	24
		Duration - deg.	236	240	240	252	268
	Valve opening overlap		16	16	20	26	48
Intake	Material		SAE 1041				
	Overall length		4.77	5.00	4.60	4.87	
	Actual overall head dia.		1.62	1.78	1.84	2.08	
	Angle of seat & face		45°				
	Seat insert material		None				
	Stem diameter		.37				
	Stem to guide clearance		.001 - .003				
	Lift (@ zero lash)		.394	.395	.397	.392	.431
	Outer spring press. and length	Valve closed (lb. @ in.)	53 @ 1.69			100 @ 1.86	
		Valve open (lb. @ in.)	143.5 @ 1.31			195 @ 1.47	
	Inner spring press. and length	Valve closed (lb. @ in.)	None				Damper only
		Valve open (lb. @ in.)	None				
Exhaust	Material		21-4N				
	Overall length		4.80	5.00	4.54	4.89	
	Actual overall head dia.		1.36	1.50	1.56	1.60	
	Angle of seat & face		45° - 47°	45°			
	Seat insert material		None				
	Stem diameter		.37				
	Stem to guide clearance		.002 - .004				
	Lift (@ zero lash)		.390	.405	.403	.390	.431
	Outer spring press. and length	Valve closed (lb. @ in.)	53 @ 1.69			100 @ 1.86	
		Valve open (lb. @ in.)	143.5 @ 1.31			195 @ 1.47	
	Inner spring press. and length	Valve closed (lb. @ in.)	None				Damper only
		Valve open (lb. @ in.)	None				
ENGINE—LUBRICATION SYSTEM							
Type of lubrication (splash, pressure, nozzle)	Main bearings		Pressure				
	Connecting rods		Pressure				
	Piston pins		Metered jet spray				
	Camshaft bearings		Pressure				
	Tappets		Splash	Pressure			
	Timing gear or chain		Jet				
	Cylinder walls		Metered jet spray				

(Continued)

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	AW1	AW2		
MODEL	225 Cu In.	273 Cu In. 318 Cu In.	361 Cu In.	383 Cu In. 426 Cu In.

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary
Normal oil pressure (lb. @ engine rpm)	45 - 65 @ 2000
Oil pressure sending unit (elect. or mech.)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Complete
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	Single, with cross over		Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)		One, reverse flow			Two, reverse flow
Exhaust pipe dia. (O.D. & wall thickness)	Branch	- - -	1.75 x .075	1.88 x .083	- - -
	Main	1.88 x .075	2.00 x .075	2.25 x .083	
Tail pipe diameter (O.D. & wall thickness)		1.75 x .048	1.88 x .048		•

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 vacuum
	Control method (variable orifice, fixed orifice, other)		Variable orifice
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other		Intake manifold, 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

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MODEL	Except Station Wagon	Station Wagon

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.)		19	21
	Filler location		Behind rear license plate	Top of left rear fender
Fuel Pump	Type (elec. or mech.)		Mechanical	
	Locations		Right center, 225 cu in.; right front, all others	
	Pressure range , psi		4-5.5 (225-, 361-, 383-, & 426-cu in.), 6-7.5 (273-and 318-cu in)	
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 clnr. type	Standard	Paper element	
		Optional	- - -	

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage		Engine Displ.	Transmission	Carburetors Make	Carburetors Model	No. Used and Type	Barrel Size
AW1	Std	225	Manual	Ball and Ball	BBS-3839 S	1, 1-bbl	1.69
				Holley	R-3059 A		
			Automatic	Ball and Ball	BBS-3840 S		
				Holley	R-3060 A		
AW2	Std	273	Manual	Ball and Ball	BBD-3843 S	1, 2-bbl	1.44
				Stromberg	WW3-248		
			Automatic	Ball and Ball	BBD-3844 S		
				Stromberg	WW3-249		
	Opt	318	Manual	Ball and Ball	BBD-3847 S		
				Stromberg	WW3-250		
			Automatic	Ball and Ball	BBD-3848 S		
				Stromberg	WW3-251		
		361	Manual	Ball and Ball	BBD-3849 S		1.56
				Stromberg	WWC3-254		
			Automatic	Ball and Ball	BBD-3850 S		
				Stromberg	WWC3-255		
		383	Manual	Carter	AFB-3859 S	1, 4-bbl	P: 1.44 S: 1.56
			Automatic		AFB-3860 S		
		426	Manual	Carter	AFB-3859 S		
			Automatic		AFB-3860 S		

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MODEL

See Page 3 for Engine Usage

225 Cu In.		273 Cu In.		318 Cu In.		361 Cu In.		383 Cu In.		426 Cu In.
Std	W/AC	Std	W/AC	Std	W/AC	Std	W/AC	Std	W/AC	

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure-Vent									
Radiator cap relief valve pressure			Std 14, with AC 16									
Circulation thermostat	Type (choke, bypass)		Choke, pellet									
	Starts to open at (°F)		177 to 184									
Water pump	Type (centrifugal, other)		Centrifugal									
	GPM @ 1000 pump rpm											
	Number of pumps		One									
	Drive (V-belt, other)		V-Belt									
	Bearing type		Ball, permanently sealed									
By-pass recirculation type (internal, external)			External						Internal			
Radiator core type (cellular, tube and fin, other)			Tube and spacer									
Cooling system capacity	With heater (qt.)		13	14	18	21		17				
	Without heater (qt.)		12	13	17	20		16				
	Opt. equipment-specify (qt.)		- -									
Water jackets full length of cylinder (yes, no)			No			Yes		No				
Water all around cylinder (yes, no)			Yes									
Radiator hose	Lower	Number and type (molded, straight)	One, Molded									
		Inside diameter	1.50					Radiator end: 1.50 Water pump end: 1.75				
	Upper	Number and type (molded, straight)	One, Molded									
		Inside diameter	1.50									
	By-pass	Number and type (molded, straight)	One, straight			One, molded		None				
		Inside diameter	0.68			0.80		- -				
Fan	Number of blades & Spacing		4 (a)		7 (b)	4 (a)	7 (b)	4 (a)	7 (b)	4 (a)	7 (b)	
	Diameter		17	18								
	Ratio-fan to crankshaft rev.		1.07-1	.95-1				1.4-1	.95-1	1.4-1	.95-1	
	Fan cutout type		None					(c)	None	(c)		
	Bearing type		See water pump									
*Drive belts (indicate belt used by letter)	Fan		A	E		G	E	H	K	H	K	H
	Alternator		A	E		G	E	H	L	H	L	H
	Water Pump		A	E		G	E	H	L	H	K	H
	Power Steering		B	C	F			I				
	Air Conditioning		- -	D	- -	D	- -	D	- -	L	- -	L	- -

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	J	K	L
Angle of V	36°										
Nominal length (SAE)	57.38	36.50	38.38	53.00	48.50	38.75	51.88	46.25	41.00	36.00	65.00
Width	0.38			0.50	0.38	0.50	0.38		0.50	0.38	0.47

(a) 76° - 104° (b) 60°-45°-59°-47°-54°-50°-45° (c) Viscous

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See Page 3 for Engine Usage

MODEL	225 Cu In.	273 Cu In. 318 Cu In.	361 Cu In. 383 Cu In.	426 Cu In.

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	MoPar				
	Voltage Rtg. & Total Plates	12, 54		12, 78		
	SAE Designation & Amp Hr. Rtg	9HC3, 48		9HC5, 70		
	Location	Left front fender shield				
	Terminal grounded	Negative				
Alternator	Make	Chrysler				
	Model	2098830 (a)			2098860	•
	Type	Three-phase, full wave rectifier				
	Ratio—Gen. to Cr/s rev.	2.45-1	2.18-1	2.32-1 (b)	2.32-1	
	Gen. cut-in (hot) —engine rpm	Not applicable				
Regulator	Make	Chrysler				
	Model	2098300				
	Type	Voltage control				
	Cutout relay — Closing voltage @ generator rpm	- - -				
	Cutout relay — Reverse current to open	- - -				
	Regulated — Voltage	13.6 - 14.5 @ 70 F				
	Regulated — Current	- - -				
	Voltage test conditions — Temperature	75°				
	Voltage test conditions — Load	- - -				
	Voltage test conditions — Other	Run 15 min. at 1250 engine rpm with 15-amp load				

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Chrysler	
	Model	2095150	
	Rotation (drive end view)	Clockwise	
	Engine cranking speed		
	Test conditions		
	Lock test — Amps	400 - 450	
	Lock test — Volts	4	
	Lock test — Torque (lb. ft.)	- - -	
	No load test — Amps	90	
	No load test — Volts	11	
	No load test — RPM (min.)	1925 - 2400	
Motor control	Switch (solenoid, manual)	Solenoid	
	Starting procedure	With transmission in neutral, depress accelerator pedal one-third, turn ignition key beyond "Ignition On" position	

(a) 2098850 for 361- or 383-cu in. engines and equipped with air conditioning (Continued) •

(b) With air conditioner 2.44-1.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET **MODEL YEAR** 1965 **DATE ISSUED** 8-7-64 **REVISED** (•) 3-1-65

MODEL

See Page 3 for Engine Usage

225 Cu In.	273 and 318 Cu In.		361 Cu In.	383 Cu In. 426 Cu In.
	Manual	Automatic		

ELECTRICAL—STARTING SYSTEM (cont.)

Motor Drive	Engagement type		Solenoid		
	Pinion meshes (front, rear)		Front		
	Number of teeth	Pinion	10		
		Flywheel	122	130	
	Flywheel tooth face width		.340		

ELECTRICAL—IGNITION SYSTEM

Coil	Make		Chrysler			Prestolite
	Model		2444242 or 2444241			
	Amps	Engine stopped	3.0			
		Engine idling	1.9			
Distributor	Make		Chrysler			
	Model		See Page 11 A			
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	"			
		Intermediate points deg. @ rpm	"			
		Max deg. @ rpm	"			
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	"			
		Intermediate points, deg @ in Hg	"			
		Max. deg. in. Hg.	"			
	Breaker gap (in.)		.017-.023	.014-.019		
	Cam angle (deg.)		40°-45°	28°-33°		(a)
	Breaker arm tension (oz.)		17-20			17-21.5
Timing	Crankshaft deg. @ idle		2.5 BTC	5 BTC	10 BTC	
	Mark location		Chain case	Water pump housing		
	Cylinder numbering system (see page 2)		Front to rear	Left bank: 1-3-5-7 Right bank: 2-4-6-8		
	Firing order (see page 2)		1-5-3-6-2-4	1-8-4-3-6-5-7-2		
Spark Plug	Make and model		MoPar or Champion			
			P-6-6P or N-14Y (b)		P-3-6P or J-14Y	P-3-3P or J-10Y
	Thread (mm)		14-mm			
	Tightening torque (lb. ft.)		30 - 32			
	Gap		.035			
Cable	Conductor type		Resistor			
	Insulation type (c)		Neoprene	Hypalon (d)	Hypalon	
	Spark plug protector		Hypalon	Silicone		

ELECTRICAL—SUPPRESSION

Locations & type	Resistance-type leads to coil and spark plugs

(a) Each set 27° - 31°, both sets 36° - 40°.

(b) Spark plugs for 318-cu in. engine are MoPar P-3-6P or Champion J-14Y.

(c) Synthetic rubber with jacket as indicated.

(d) Neoprene jacket used with 318-cu in. engine.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED (•)

SUPPLEMENTARY INFORMATION

DISTRIBUTOR

MODEL

USAGE

	225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In.	426 Cu In.
Manual Trans.	2444907	2444794	2444258	2444676	IBS-4006J	IBS-4006L
Automatic Trans.	2444648	2444795	2444259			

CENTRIFUGAL ADVANCE (Crankshaft degrees at engine rpm)

	2444258	2444259	2444648	2444676	2444794
Start	0 @ 640-960	0 @ 660-1140	0 @ 650-950	0 @ 500-900	0 @ 600-900
Intermediate	0 - 4 @ 960 9 -13 @ 1700	0 - 4 @ 1140 4 - 8 @ 1600	0 - 5 @ 950 15-19 @ 1920	0 - 4 @ 900 5 - 9 @ 1400	0 - 5 @ 900 15-19 @ 1740
Maximum	21-25 @ 4600	16-20 @ 4600	21-25 @ 4400	21-25 @ 4300	21-25 @ 3500

	2444795	2444907	IBS-4006J	IBS-4006L
Start	0 @ 650-950	0 @ 650-950	0 @ 650-950	0 @ 520-1080
Intermediate	0 - 4 @ 950 10-14 @ 1660	0 - 5 @ 950 15-19 @ 1920	0 - 8 @ 950 9 -13 @ 1280	0 - 4 @ 1080 7 -11 @ 2100
Maximum	16-20 @ 3500	21-25 @ 4400	18-22 @ 4800	14-18 @ 4800

VACUUM ADVANCE (Crankshaft degrees at inches of mercury)

	2444258	2444259	2444648	2444676	2444794
Start	0 @ 8 - 10	0 @ 8 - 10	0 @ 4.9-7.1	0 @ 4.5 -8	0 @ 7 - 9
Intermediate	10-16 @ 13	10-16 @ 13	6 -10 @ 10.5	12-18 @ 12	12-18 @ 12
Maximum	18-24 @ 16	18-24 @ 16	10.5-15 @ 13	18-24 @ 14.4	21-27 @ 15

	2444795	2444907	IBS-4006J	IBS-4006L
Start	0 @ 7 - 9	0 @ 6.9-9.1	0 @ 7.2-8.9	0 @ 6 - 9
Intermediate	12-18 @ 12	6 -10 @ 12.5	9 -15 @ 12	9 -15 @ 12
Maximum	21-27 @ 15	10.5-15 @ 15	15-21 @ 14.5	15-21 @ 14.3

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MODEL All

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	King-Seeley
	Trip odometer (yes, no)	No
Charge indicator—type		Ammeter
Temperature indicator—type		Electric-Thermal
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	None
	Location	Right of steeeing wheel
Main lighting switch	Identify positions and lamps controlled	Full in . . . . . Off 1st position out . . Instruments, tail, park, and license plate Full out . . . . . Instruments, tail, head, and license plate
Other light switches	Locations and lamps controlled	STOP LAMP SWITCH: brake pedal. INSTRUMENT LAMPS: rheostat, rotary, integral with head lamp switch. DOME LAMP: integral with head lamp switch. OIL PRESSURE SWITCH: engine. AUTOMATIC DOOR SWITCHES: both front doors. DIRECTION SIGNAL: lever on steering column, below steering wheel.
Other switches	Locations and devices controlled	WINDSHIELD WIPER: One-speed, left of steering column; variable-speed control is optional. DEFROSTER CONTROL: Push button, right of steering column. AIR VENT CONTROL: Push button, right of steering column. HEATER CONTROL: Rotary three-speed knob, push button, and slide lever, right of steering column.
Windshield wiper	Make (Motor)	Single-speed: General Industries; Variable-speed: Leece-Neville
	Type	Electric
	Vacuum booster provision	None
	Washer provision	Yes, Opt
Horn	Type	Sea Shell
	Number used	Two
	Amp draw (each)	Spartan-Automotive 6-8 amp; Prestolite 8-10 amp

AMA Specifications – Passenger Car

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MODEL All Models

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 4001, Lo-beam 4002
Headlamp beam indicator		1-158
Parking		2-1034 A (A)
Tail		2-1034 (B)
Stop		Same as (B)
Direction signal	Front	Same as (A)
	Rear	Same as (B)
	Indicator	2-158
License Plate		1-67
Oil pressure indicator		1-158
Charge indicator		Same as (C)
Instrument		4-158
Clock		Indirect
Radio		1-1893

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

Ignition lock		None
Back up		Opt 2-1073
Dome		Std 1-1004
Glove compartment		Opt 1-1891
Prkg. brake signal		Opt 1-57
Luggage compartment		Opt 1-1004
Underhood		Opt 1-1004
Courtesy		Opt 1-90 Std for convertible coupe
Map		Opt 1-90
Console Gear Selector		Std 1-57
Emergency Flasher Indicator		Opt 1-57
Heater Controls		Opt 1-1892
Gear Selector		Opt 1-1445

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED (e)

MODEL	AW1		AW2	
	Except 45	45	Except 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	Not fused
License plate lamp	Same as (A)
Instrument lamp	AGC -3 (C)
Ignition lamp	None
Back up lamp	Same as for windshield wiper
Dome lamp	Same as (B)
Clock	Not fused
Clock lamp	Same as (C)
Radio	AGC 5
Glove compartment lamp	AGC-20 (D)
Trunk	Same as (B)
Underhood	Not fused
Parking brake indicator	Same as (D)
Cigar lighter	AGC-20
Heater	AGC-20 (E)
Air conditioner	Same as (E)
Windshield wiper	Single-speed 5-CB; Variable-speed 6-CB
Power windows	30 CB
Tail gate window	30 CB

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

			AW1 Except 45	AW1 45	AW2 Except 45, 46	AW2 45, 46
Height above ground to center of bulb	Tail	Lowest	- - -			
		Highest	29.2	25.7	29.1	25.7
	Stop		Same as tail lamp			
	Backup		24.4	13.6	24.3	13.6
	License, rear		25.1	13.9	25.0	13.9
	Directional	Front	15.7	16.8	15.8	16.8
		Rear	Same as tail lamp			
	Headlamp	Inside	28.4	29.6	28.6	29.5
		Outside*	28.4	29.6	28.6	29.5
Distance from C/L of car to center of bulb	Tail	Inside	- - -			
		Outside	30.7	32.4	30.7	32.4
	Stop		Same as tail lamp			
	Backup		30.7	7.9	30.7	7.9
	License, rear		0	9.1	0	9.1
	Directional	Front	25.7			
		Rear	Same as tail lamp			
	Headlamp	Inside	21.7			
		Outside*	30.0			

* If single headlamps are used enter here.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED (e)

MODEL	AW1	AW2				
	Opt	Std	Opt			
	225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In.	426 Cu In

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Borg & Beck or Auburn, dry plate		Borg & Beck, dry plate, semicentrifugal			
Type pressure plate springs		Coil					
Effective plate pressure (lb.)		1475	1595	1950	2140		2731
No. of clutch driven discs		One					
Clutch facing	Material	Woven asbestos					
	Outside & inside dia.			10 x 6.75	10.5 x 6.5		
	Total eff. area (sq.in.)			85.5	106.8		
	Thickness	.125	.114	.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.)	Std, 3-speed	Std, 3-speed; Opt, 4-speed
Manual with overdrive (std. or opt.)	NA	
Automatic (std. or opt.)	Opt	

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		Three		Three or Four		Four
Transmission ratios	In first	2.95	3.02	2.55	2.66	
	In second	1.83	1.76	1.49	1.91	
	In third	1.00			1.39	
	In fourth	- - -			1.00	
	In reverse	3.80	3.95	3.34	2.58	
Synchronous meshing, specify gears		2nd & 3rd		All forward speeds		
Shift lever location		Steering column		(a)		Floor
Lubricant	Capacity (pt.)	6.0	4.5	(b)		7.5
	Type recommended	(c)				
	SAE viscosity number — Summer	(c)				
	SAE viscosity number — Winter	(c)				
	SAE viscosity number — Extreme cold	(c)				

(a) Three-speed- steering column; four-speed- floor.
(b) Three-speed- 4.5; four-speed- 7.5.
(c) Three-speed: Automatic Transmission Fluid, Type AQ-ATF, Suffix "A", for warm climates, Multipurpose Gear Lubricant SAE 90.
Four-speed: Multipurpose Gear Lubricant SAE 140; for extremely cold weather, Multipurpose Gear Lubricant SAE 80 or SAE 90, or Automatic Transmission Fluid, Type AQ-ATF, Suffix "A" may be used.

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED (•)

MODEL	AW1	AW2				
	Std	Std	Opt			
	225 Cu In.	273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In.	426 Cu In.

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			
	Lubricant	Capacity (pt.) (Overdrive only)		
		Separate filler (yes, no)		
		Type recommended		
		SAE viscosity number	Summer	
			Winter	
			Ext. cold	

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		TorqueFlite 6	TorqueFlite 8	
Type describe		Torque converter with automatically-operated planetary gear transmission		
Method of Selection (Lever, Push Button or other)		Lever		
Selector Pattern		P - R - N - D - 2 - 1		
List gear ratios Selector Pattern and indicate which are used in each selector position		R - 2.2 D - 2.45 - 1.45 - 1.00 2 - 2.45 - 1.45 1 - 2.45		
Max. upshift speeds—drive range		40 - 75	40 - 70	45 - 75
Max. kickdown speeds—drive range		65	60	70
Torque convertor	Number of elements	Three		
	Max. ratio at stall	2.2	2.0	
	Type of cooling (air, water)	Water		
Lubricant	Capacity—refill (pt.)	17	19.5	
	Type recommended	Automatic Transmission Fluid, Type AQ-ATF, Suffix "A"		
Special transmission features		- - -		

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 56.87 x .065 (a)	(Except 45) 3.00 x 56.81 x .065 (45) 3.00 x 55.97 x .065	NA
		4-speed	NA	(Except 45) 3.00 x 54.76 x .065 (45) 3.00 x 53.85 x .065	
	Automatic transmission		2.75 x 54.76 x .065 (b)	(Except 45) 2.75 x 54.38 x .065 (45) 2.75 x 53.47 x .065	

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

(Continued)

(a) Station wagon 55.97. (b) Station wagon 2.75 x 53.85 x .065.

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MODEL	AW1		AW2				
	225 Cu In.		273 Cu In.	318 Cu In.	361 Cu In.	383 Cu In.	426 Cu In.
	Exc 45	45					

DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate 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	(a)
	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, two-piece case				
Limited Slip differential, type			Torque-bias				
Drive Pinion Offset			1.50				
No. of differential pinions			Std 2, Opt 4				
Gear ratios (Std. equip.)	Manual Trans.	3-speed	3.31	3.23	2.93	3.23	NA •
		4-speed	NA			3.23	•
	Automatic transmission		2.93			3.23	
Ring gear O.D. (std. ratio)			8.25	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	Above -10 F . . . SAE 90				
		Winter	As low as -30 F . . SAE 80				
		Extreme cold	Below -30 F . . . . SAE 75				

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		2.93	3.23	3.31	3.55
No. of teeth	Pinion	14	13		11
	Ring gear	41	42	43	39

(a) Manual transmission: Front, ball and trunnion; rear, cross and roller.
Automatic transmission: Front and rear, cross and roller.

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MODEL	AW1		AW2					
	Exc 45	45	273,318,&361 Cu In. Exc 45	45	383 Cu In. Exc 45	45	426 Cu In. Exc 45	45

DRIVE UNITS—WHEELS

Type & material		Disc, steel							
Rim (size and flange type)	Std.	5.0 K	5.5 K	5.0 K	5.5 K	5.0 K	5.5 K	5.0 K	5.5 K
	Opt.	- - -							
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)	(b)	(a)	(b)				
	Type - Nylon, etc.	Rayon							
Rev/mile at 50 mph.		800	780 Est.	800	780 Est.				
Inflation press.(cold)	Front	22		24	22	24	22	24	22
	Rear	22	26 (c)	22	26 (c)	22	26 (c)	22	26 (c)
Optional tires - size and ply									

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		Duo-Servo			
Self adjusting (std., opt., N.A.)		Std	Std (d)	NA	
Hydraulic system type (single, dual, etc.)		Single			
Power brake make & type (remote, integral, etc.)		Optional, integral, pedal assist, vacuum-operated			
Effective area (sq. in.)*		195.2	195.2 (e)	263.3	•
Gross lining area (sq. in.)**		195.2	195.2 (e)	263.3	•
Swept drum area (sq. in.)***		314.2	314.2 (e)	380.1	
Percent brake effectiveness—front		60			
Drum	Diameter Front	10	10 (e)	11	
	Diameter Rear	10	10 (e)	11	
	Type and material	Cast iron, centrifuse, or cast composite			
Wheel cylinder bore	Front	1.125			
	Rear	.9375			
Master cylinder bore		1.00			
Available pedal travel		Manual brakes: 7.10; power brakes: 3.23			
Line pressure at 100 lb. pedal load		Manual brakes: 8.30; power brakes: 9.30			
Shoe clearance adjustment		No major adjustment required		(f)	

(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) 7.35 x 14, 2-ply. (b) 7.75 x 14, 2-ply. (c) Increase tire pressure 6 psi when normally fully loaded.
(d) Manual adjuster with optional police brakes.
(e) For optional brake data, see AW2 with 426-cu in. engine.
(f) For manually adjusted 11-inch brakes, tighten until a slight drag is felt, then back off 10 to 12 notches.

AMA Specifications—Passenger Car

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MODEL	AW1	AW2		
	225 Cu In.	273-, 318-, & 361-Cu In.	383 Cu In.	426 Cu In.

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted			Bonded		
	Front Shoe	Material		Molded asbestos		
		Size (length x width x thickness)	Front wheel	8.46 x 2.5 x .19	8.46 x 2.5 x .19 (a)	11.97 x 3.0 x .19 •
			Rear wheel	8.46 x 2.5 x .19	8.46 x 2.5 x .19 (a)	11.97 x 2.5 x .19 •
		Segments per shoe		One		
	Rear Shoe	Material		Molded asbestos		
		Size (length x width x thickness)	Front wheel	11.06 x 2.5 x .19	11.06 x 2.5 x .19 (a)	11.97 x 3.0 x .19
			Rear wheel	11.06 x 2.5 x .19	11.06 x 2.5 x .19 (a)	11.97 x 2.5 x .19
		Segments per shoe		One		

BRAKES—PARKING

Type of control		Foot-operated pedal, hand release lever
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		Manual adjustment at torsion bar front anchor
Provision for brake dip control		By inclined upper control arms and asymmetrical rear springs
Provision for acc. squat control		Asymmetrical rear springs
Special provisions for car jacking		None
Shock absorber front & rear	Type	Direct
	Make	Chrysler
	Piston dia.	1.0
Other special features		- - -

SUSPENSION—FRONT

Type and description	Independent, lateral, non-parallel control arms with torsion bars

(Continued)

(a) For optional brake linings, see data for AW2 with 426-cu in. engine.

AMA Specifications – Passenger Cars

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MODEL	AW1		AW2	
	Except 45	45	Except 45	45

SUSPENSION FRONT (cont.)

Spring	Type	Torsion bar				
	Material	Chromium alloy steel				
	Size (coil design height & I.D.; bar length x dia.	41.0 x 0.86	41.0 x 0.88			
	Spring rate (lb. per in.)	NA				
	Rate at wheel (lb. per in.)	90	100			
	Design load (lb. @ design height)	NA				
Stabilizer	Type (link, linkless, frameless)	Std - None, Opt - Link				•
	Material & bar diameter	Std - - -, Opt - 0.84				•

STEERING

Manual (std., opt., NA)			Std				
Power (std., opt., NA)			Opt				
Adjustable steering wheel (tilt, swing, other)		Type and description	None				
		(std., opt., NA)	- - -				
Wheel diameter		Manual	16.0				
		Power	16.0				
Turning diameter	Outside front	Wall to wall (l. & r.)	44.0	43.8	44.0	43.8	
		Curb to curb (l. & r.)	41.1	40.9	41.1	40.9	
	Inside rear	Wall to wall (l. & r.)	24.2	24.0	24.2	24.0	
		Curb to curb (l. & r.)	24.8	24.5	24.8	24.5	
Outside wheel angle with inside wheel at 20°			17.8°				
Manual	Gear	Type	Worm and ball nut				
		Make	Chrysler				
		Ratios – Gear	24.0 to 1				
		Ratios – Overall	29.0 to 1				•
	No. wheel turns		5.4				•
Power	Type (coaxial, linkage, etc.)		Integral				
	Make		Chrysler				
	Gear	Type	Rack and sector				
		Ratios – Gear	15.7 to 1				
		Ratios – Overall	19.0 to 1				•
	Pump driven by		Belt from crankshaft pulley				
	Number wheel turns		3.5				
Linkage	Type		Trailing, parallel idler arms, equal-length tie rods				
	Location (front or rear of wheels, other)		Rear				
	Drag link (trans. or longit.)		Transverse center link				
	Tie rods (one or two)		Two				

(Continued)

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED (•)

MODEL	AW1		AW2							AW1, AW2 (a)	
	21, 23, 41	27	273-, 318-		361-, 383-		426				
			21, 23	27	21, 23	27	21, 23	27	45, 46	45	46
			41		41		41				

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		7.5° @ 0°									
	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 side : +0.5° ± 0.25° Right side: +0.25° ± 0.25°									
	Toe-in (outside tread-inches)		3/32" to 5/32", 1/8" preferred									
Steering spindle & joint type			Ball joint									
Wheel spindle	Diameter	Inner bearing	1.2494									
		Outer bearing	0.7498									
	Thread size		3/4 -16 UNF-3A									
	Bearing type		Roller									

SUSPENSION—REAR

Type and description			Parallel, longitudinal leaf									
Drive and torq. taken through (see page 17)			Rear springs									
Spring	Type		Semielliptical, asymmetrical									
	Material		Chromium alloy steel									
	Size (length x width, coil design height and I.D.; bar length & dia.)		56 x 2.50									
	Spring rate (lb. per in.)		90					112		130	113	
	Rate at wheel (lb. per in.) (b)		110									
	[redacted] load (lb. at design height) (c)		710	740	770	740	770	800	840	(d)	(e)	(f)
	Mounting insulation type		Rubber									
	If leaf	No. of leaves	5			5.5				6.5		
		Inserts: Type and size	5/3.5			6/3.5				(g)	3/2.5, 4/3.5	
		Inserts: Material	2.5 long, plastic; 3.5 long, wax-impregnated fabric									
		Shackle (comp. or tens.)	Compression									
Stabilizer	Type (link, linkless, frameless)		None									
	Material		- - -									
Track bar type			None									

(a) For models with 225-, 273-, 318-, 361-, and 383 cu in. engines.
(b) Includes tires. (c) Checking load at -0.375 spring opening.
(d) Right side 950, left side 1000. (e) Right side 920, left side 960.
(f) Right side 960, left side 1000. (g) 3/2.5 & 4/3.5.

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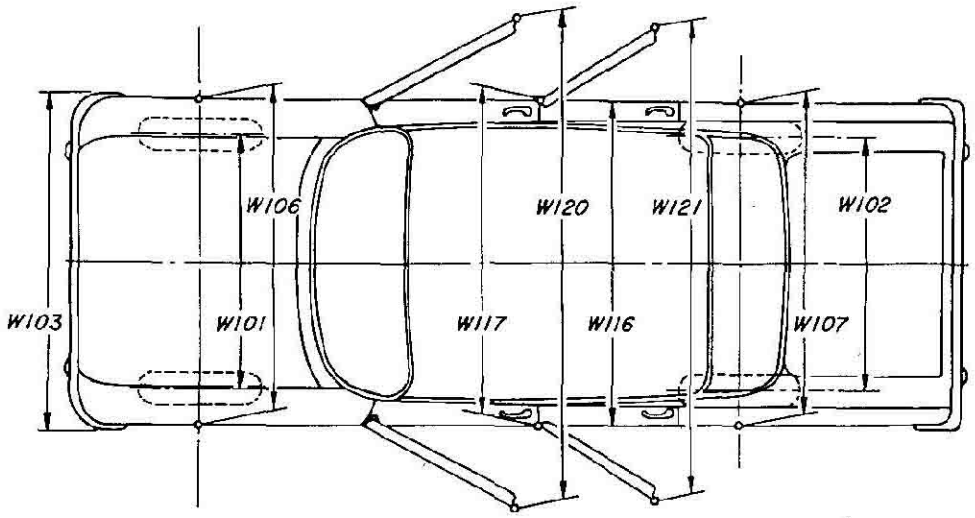
CAR AND BODY DIMENSIONS—GENERAL

Dimensions herein are those adopted by the Society of Automotive Engineers. Brief descriptions of these dimensions are listed on pages 34-36. 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.	21, 23, 27	41	45, 46
Tread - front	W101	59.5		
Tread - rear	W102	58.5		
Maximum overall car width	W103	75.0		75.1
Maximum overall body width	W116	74.6		
Maximum body width at #2 pillar	W117	74.0		
Front fender overall width	W106	74.9		
Rear fender overall width	W107	74.6		
Maximum overall car width - front doors open	W120	159.2	142.2	
Maximum overall car width - rear doors open	W121	- - -	139.5	

AMA Specifications – Passenger Car

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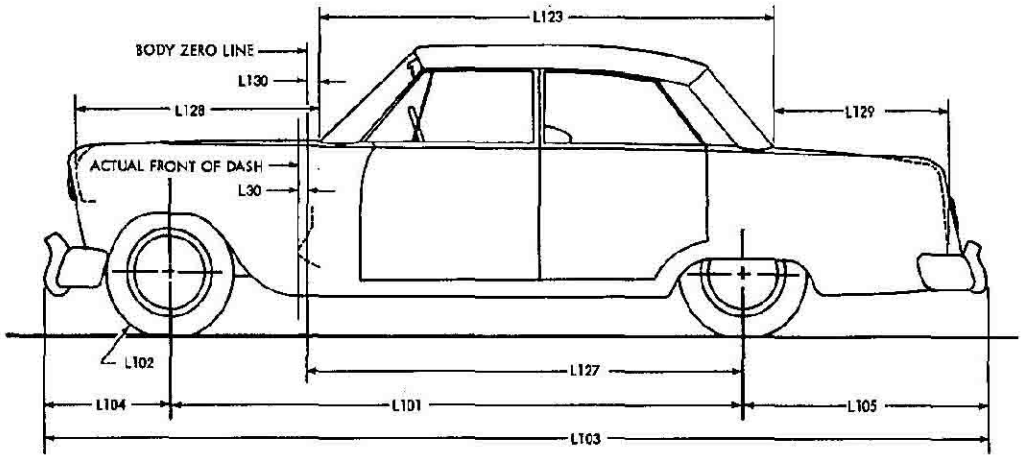
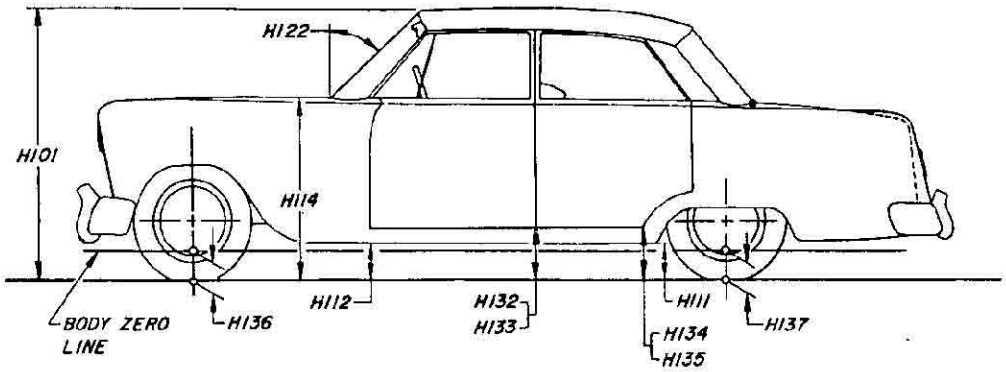
EXTERIOR LENGTH DIMENSIONS



MODEL	Ref. No.	21, 41	23	27	45, 46
Body zero line to actual front of dash	L30	2.0			
Wheelbase	L101	117.0			116.0
Overhang – front	L104	33.8			33.9
Overhang – rear	L105	53.4			59.4
Overall length	L103	204.2			209.3
Hood length at car centerline	L128a	50.1			
Body upper structure length at car centerline	L123	98.6	97.7	101.4	- - -
Deck length at car centerline	L129a	45.1	46.0	42.3	- - -
Body zero line to centerline of rear wheels	L127	100.5			99.6
Body zero line to windshield cowl point	L130a	9.0			
Tire size	L102	7.35 x 14			7.75 x 14

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED (*)

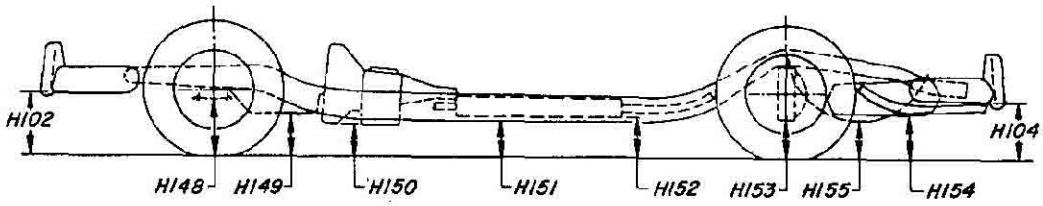
EXTERIOR HEIGHT DIMENSIONS

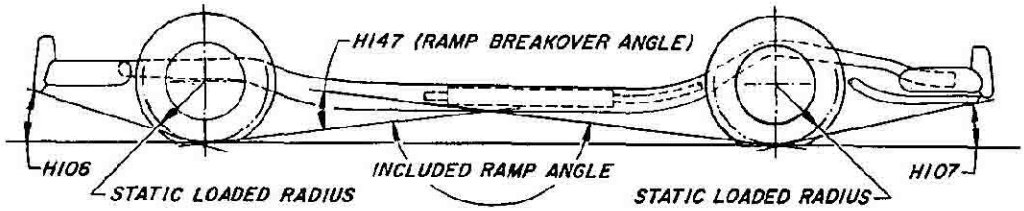


MODEL	Ref. No.	AW1					AW2				
		21	23	27	41	45	21	23	27	41	45, 46
Overall height	H101	54.9	54.2	55.2	54.9	55.2	55.0	54.2	55.2	55.0	55.1
Hood at rear to ground	H114	37.7				38.4	37.8				38.3
Rocker panel to ground – front	H112	8.1				8.7	8.2				8.7
Rocker panel to ground – rear	H111	7.5				7.6	7.5				7.8
Bottom of door to ground, open – front	H132	10.8				10.4	10.8				10.6
Bottom of door to ground, closed – front	H133	11.6				12.0	11.6			11.7	11.9
Bottom of door to ground, open – rear	H134	- - -			13.1	13.2	- - -			13.1	13.2
Bottom of door to ground, closed – rear	H135	- - -			11.4	11.5	- - -			11.4	11.5
Windshield slope angle	H122	53.5°									
Body zero to ground – front	H136	12.45				13.22	12.58				13.29
Body zero to ground – rear	H137	11.55				11.49	11.54				11.47

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED(•)

GROUND CLEARANCE DIMENSIONS





MODEL	Ref. No.	AW1		AW2	
		Except 45	45	Except 45, 46	45, 46
Front bumper to ground	H102	11.3	12.4	11.5	12.4
Rear bumper to ground	H104	11.8	10.0	11.8	10.0
Angle of approach	H106	22.3°	24.5°	22.7°	24.4°
Angle of departure	H107	13.7°	10.5°	13.7°	10.3°
Ramp breakover angle	H147	12.4°	13.4°	12.4°	13.4°
Front suspension to ground	H148	6.2	7.2	6.4	7.1
Oil pan to ground	H149	6.1	7.0	6.2	6.9
Flywheel housing to ground	H150	6.6	7.4	6.3	6.9
Frame structure to ground	H151	6.2	6.7	6.2	6.7
Exhaust system to ground	H152	5.1	5.2	5.1	5.2
Rear axle differential to ground	H153	6.8	7.1	6.8	
Fuel tank to ground	H154	7.0	10.6	6.7	10.5
Spare tire well to ground	H155	Not Applicable			
Minimum running ground clearance	H156	5.1 (a)	5.2 (a)	5.1 (a)	5.2 (a)

(a) Exhaust system.

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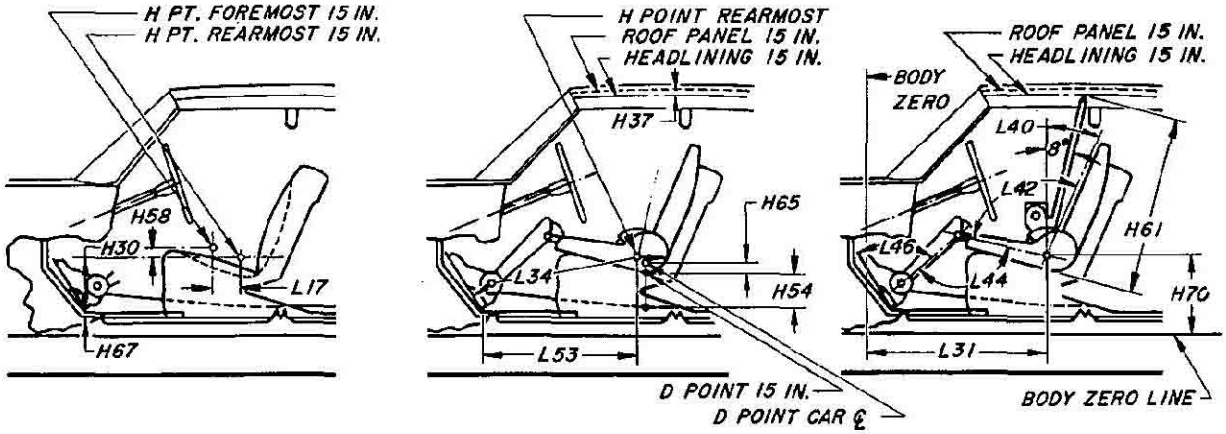
FRONT COMPARTMENT DIMENSIONS

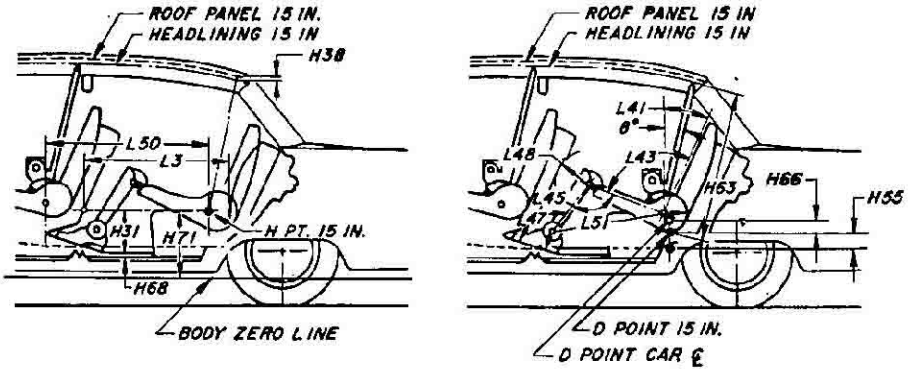


MODEL	Ref. No.	Bench Seats				Bucket Seats	
		21, 41	23	27	45, 46	23	27
H Point to body zero line	L31	44.5				44.7	
H Point to body zero line - front	H70	7.0				7.3	
Effective head room	H61	39.1	38.3	40.2	39.5	38.0	39.9
Headlining to roof height	H37	0.8		0	0.5	0.8	0
Maximum effective leg room - accelerator	L34	41.9				42.1	
H Point to heel point	H30	8.1				8.4	
Depressed floor covering thickness	H67	0.38					
Back angle	L40	25°				24°	
Hip angle	L42	96°					
Knee angle	L44	128°				130°	
Foot angle	L46	89°			90°		
D Point differential, side to center	H65	0.6					
D Point to tunnel	H54	1.5					
H Point to accelerator floor point	L53	34.2				34.4	
H Point travel	L17	4.5					
H Point rise	H58	1.2				0.7	

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED(•)

REAR COMPARTMENT DIMENSIONS

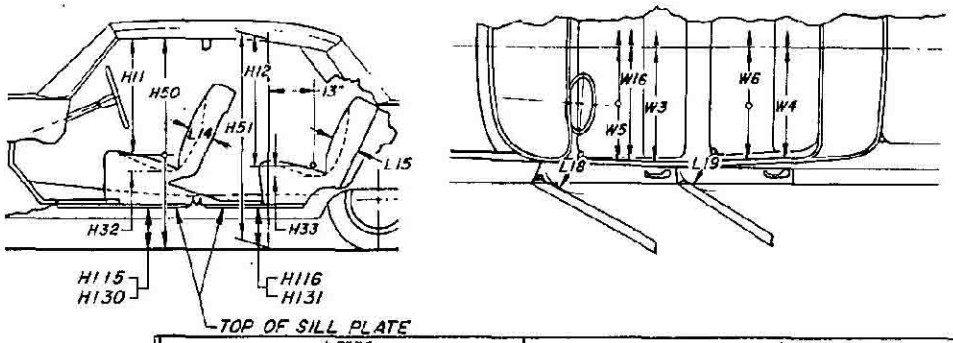


MODEL	Ref. No.	Bench Seats				Bucket Seats	
		21, 41	23	27	45, 46	23	27
H Point couple distance	L50	34.0	32.0	32.8	34.0	31.8	32.6
H Point to body zero line - rear	H71	7.2	6.9	7.2		6.9	7.2
Effective head room	H63	38.4	37.5	37.9	39.5	37.5	37.9
Headlining to roof light	H38	0.8		0	0.5	0.8	0
Minimum effective leg room	L51	36.6	34.4	35.3	36.5	34.8	35.7
H Point to heel point	H31	11.0	10.7	11.0		10.7	11.0
Depressed floor covering thickness	H68	0.38					
Minimum knee room	L48	4.4	2.8	3.4	4.4	3.3	8.8
Rear compartment room	L3	27.6	26.1	26.8	27.8	NA	
Back angle	L41	26°	24°	25°	24°		25°
Hip angle	L43	89°	83°	86°	87°	83°	89°
Knee angle	L45	97°	87°	91°	97°	89°	97°
Foot angle	L47	121°	115°	117°	121°	115°	117°
D Point differential, side to center	H66	0.6	0.8	0.6	0	0.8	0.6
D Point to tunnel	H55	1.5	1.3	1.4	1.6	1.3	1.4

AMA Specifications – Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1965 DATE ISSUED 8-7-64 REVISED(•) 3-1-65

SEAT AND ENTRANCE DIMENSIONS



	Ref. No.	AW1 Bench Seats				AW2 Bench Seats				AW2 Bucket Seats	
		21, 41	23	27	45	21, 41	23	27	45, 46	23	27
Shoulder room – front	W3	57.5									
Hip room – front	W5	60.8									
Seat width – front	W16	55.0								23.6 each	
Upper body opening to ground – front	H50	49.6	49.4	- -	50.0	49.6	49.4	- -	49.9	49.5	- -
Entrance height – front	H11	30.6	30.4	- -	30.6		30.4	- -	30.6	30.2	- -
Step height – front (design load)	H115	12.4			13.0	12.4			12.9	12.4	
Step height – front (curb load)	H130	14.3			14.9	14.3			14.9	14.3	
Entrance foot clearance – front	L18	16.3									
Seat cushion deflection – front	H32	3.8								2.8	
Seat back thickness – front	L14	6.6								5.3	
Shoulder room – rear	W4	57.8		47.9	57.8			47.9	57.8		47.9
Hip room – ream	W6	61.0		50.0	61.0			50.0	61.0		50.0
Upper body opening to ground – rear	H51	49.4 (41)	- -		49.6	49.4 (41)	- -		49.6	- -	
Entrance height – rear	H12	30.4	30.0	- -	30.4		30.0	- -	30.4		- -
Step height – rear (design load)	H116	12.2 (41)	- -		12.4	12.2 (41)	- -		12.4	- -	
Step height – rear (curb load)	H131	14.4 (41)	- -		15.1	14.4 (41)	- -		15.1	- -	
Entrance foot clearance – rear	L19	7.6 (21) 12.4 (41)	7.6		12.4	7.6 (21) 12.4 (41)	7.6		12.4	7.6	
Seat cushion deflection – rear	H33	3.7			3.3	3.7			3.3	3.7	
Seat back thickness – rear	L15	5.6	6.6		5.3	5.6	6.6		5.3	6.6	

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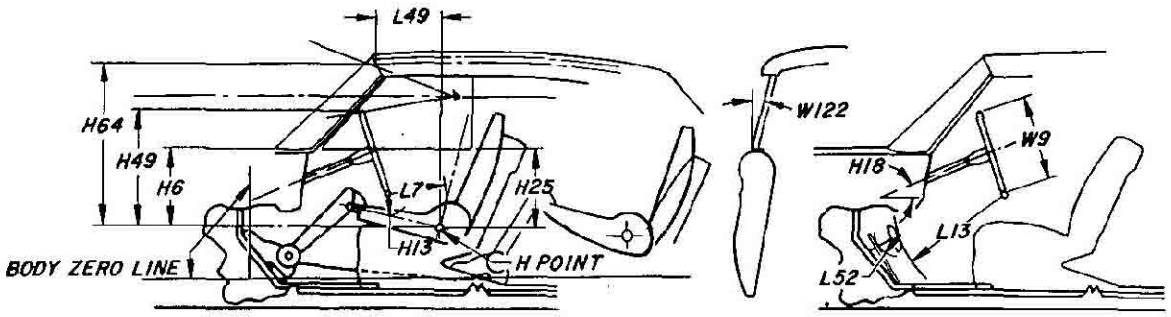
VISION AND CONTROL DIMENSIONS



MODEL	Ref. No.	AW1, AW2 Bench Seats	AW2 Bucket Seats
H Point to windshield bottom DLO	H6	18.7	
H Point to windshield upper DLO	H64	32.2	
H Point to windshield upper DLO	L49	15.0	
Belt height – front	H25	17.0	16.7
Steering wheel center to centerline of car	W7	15.8	
Steering wheel maximum outside diameter	W9	16.0	
Steering column angle - horizontal	H18	21.8	
H Point to top of steering wheel	H49	23.3	23.0
Steering wheel torso clearance	L7	14.7	14.8
Steering wheel thigh clearance	H13	3.9	3.7
Brake pedal knee clearance	L13	24.7	
Brake pedal to accelerator	L52	3.6	
Tumble-home	W122	14.0°	

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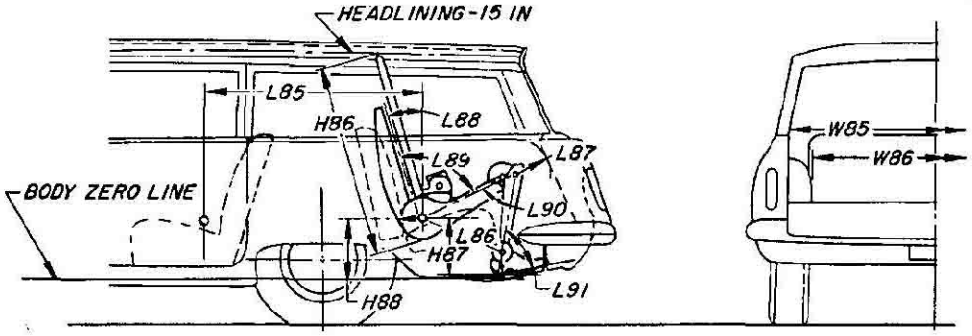
MAKE OF CAR DODGE CORONET **MODEL YEAR** 1965 **DATE ISSUED** 8-7-64 **REVISED(•)** _____

LUGGAGE COMPARTMENT

MODEL	Ref. No.	AW1		AW2	
		21, 23, 41	27	21, 23, 41	27
Usable luggage capacity (See instructions)		16.7 Est.	NA	16.7 Est.	NA
Liftover height	H195	27.0		26.9	
Position of spare tire storage		On shelf			
Method of holding lid open		Torsion bar			

THIRD SEAT DIMENSIONS



MODEL	Ref. No.	AW2 46
Seat facing direction		Rear
Shoulder room	W85	
Hip room	W86	45.2
H Point couple distance	L85	37.0
H Point to body zero line – third seat	H88	10.0
Effective head room	H86	36.3
Effective leg room	L86	32.5
H Point to heel point	H87	13.2
Knee room	L87	12.0
Back angle	L88	28°
Hip angle	L89	90°
Knee angle	L90	79°
Foot angle	L91	99°

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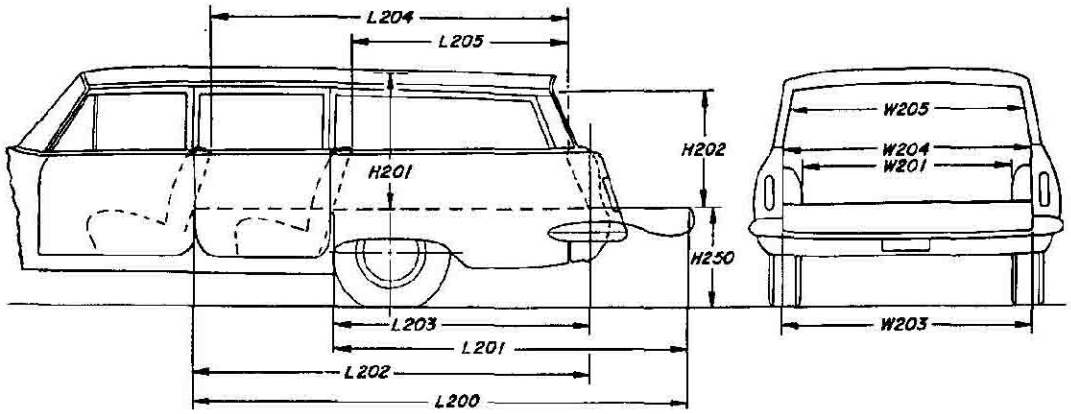
STATION WAGON–CARGO SPACE DIMENSIONS



MODEL	Ref. No.	Station Wagons
Floor length from back of front seat at floor level to end of lowered tail gate or floor	L200	117.9
Floor length from back of second seat at floor level to end of lowered tail gate or floor	L201	83.2
Floor length from back of front seat at floor level to inside of closed tail gate	L202	94.3
Floor length from back of second seat at floor level to inside of closed tail gate	L203	56.6
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	81.6
Minimum horizontal distance from top rear of second seat back to inside of tail gate at belt	L205	45.7
Maximum width of cargo space at floor - specify location	W200	59.4 Immediately forward of wheelhouse
Minimum distance between wheel houses at floor level	W201	45.0
Rear end opening width at floor	W203	49.0
Rear end opening width at belt	W204	45.7
Maximum width of rear opening above belt	W205	44.9
Maximum height - floor covering to headlining at centerline of rear axle	H201	33.1
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	25.4 •
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.) $\frac{W4 \times L204 \times H201}{1728}$		90.3

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MODEL	Bench Seats						Bucket Seats	
	21	23	27	41	45	46	23	27

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	
	Rear	FW	Coil	FW				Coil
	3rd seat	- -				ZZ	- -	
Seat back type	Front	Coil		FW			ZZ	
	Rear	FW	Coil	FW	Coil		FW	Coil
	3rd seat	- -				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)		1-piece, curved	plastic	1-piece, curved	1-piece, flat		1-piece, curved	plastic
Side glass type (i.e., curved – tempered plate)		Flat, heat-treated, safety sheet						
Side glass exposed surface area		1209	1263	1149	1248	2394	1263	1149
Windshield glass exposed surface area								
Backlight glass exposed surface area		1023	1275	1140	1023	691	1275	1140
Total glass exposed surface area		3536	3842	3593	3575	4389	3842	3593

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

Power windows	Side Windows	Opt- Coronet 440 and Coronet 500 only						
	Vent Windows	NA						
	Backlight or tailgate	- -			Opt	Std	- -	
Power seats (specify type as well as availability)		NA						
Reclining front seat back		NA						
Front seat headrest		NA						
Radios (specify type as well as availability)		Opt 2-watt or AM-FM						
Rear seat speaker (a)		Opt	NA	Opt	NA		Opt	NA
Power Antenna		NA						
Clock		Opt						
Air Conditioner (specify type and availability)		Opt- Integral air conditioner and heater, factory-installed Recirculating, dealer-installed						

FW- Formed wire. ZZ- Zigzag. (a) Dealer-installed only.

AMA Specifications – Passenger Car

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WEIGHTS

	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
				Pass. In Front		Pass. In Rear		
CORONET SIX	Front	Rear	Total	Front	Rear	Front	Rear	
2-Door Sedan	1685	1520	3205	50.5	49.5	19.1	80.9	3070
4-Door Sedan	1700	1540	3240	50.5	49.5	19.1	80.9	3095
CORONET DELUXE SIX								
2-Door Sedan	1685	1525	3210	50.5	49.5	19.1	80.9	3090
4-Door Sedan	1700	1545	3245	50.5	49.5	19.1	80.9	3140
Station Wagon, 2-Seat	1645	1900	3545	51.2	48.8	19.0	81.0	3390
CORONET 440 SIX								
2-Door Hardtop	1695	1535	3230	50.5	49.5	21.3	78.7	3100
Convertible Coupe	1740	1600	3340	50.5	49.5	20.6	79.4	3230
4-Door Sedan	1705	1550	3255	50.5	49.5	19.1	80.9	3125
Station Wagon, 2-Seat	NA							3395
CORONET V-8								
2-Door Sedan	NA							3145
4-Door Sedan	1810	1565	3375	50.5	49.5	19.1	80.9	3195
CORONET DELUXE V-8								
2-Door Sedan	NA							3160
4-Door Sedan	1810	1570	3380	50.5	49.5	19.1	80.9	3210
Station Wagon, 2-Seat	1750	1920	3670	51.2	48.8	19.0	81.0	3470
CORONET 440 V-8								
2-Door Hardtop	1805	1555	3360	50.5	49.5	21.3	78.7	3180
Convertible Coupe	1850	1620	3470	50.5	49.5	20.6	79.4	3295
4-Door Sedan	1815	1575	3390	50.5	49.5	19.1	80.9	3230
Station Wagon, 2-Seat	1760	1930	3690	51.2	48.8	19.0	81.0	3490
Station Wagon, 3-Seat	1750	2000	3750	51.2	48.8	19.0	81.0	3560
CORONET 500 V-8								
2-Door Hardtop	1825	1605	3430	51.0	49.0	21.3	78.7	3255
Convertible Coupe	NA							3340

Accessories & Equipment Differential Weights				Remarks
Power Windows	+ 10	+ 15	+ 25	
Power Brakes	+ 10	0	+ 10	
Undercoat - Sedans	+ 10	+ 35	+ 45	
- Station Wagons	+ 10	+ 15	+ 25	
Power Tail Gate Window	- 5	+ 15	+ 10	
Radio	+ 5	0	+ 5	
Windshield Washer & Wiper	+ 5	0	+ 5	
Appearance Undercoat	+ 15	0	+ 15	
Automatic Transmission	+ 20	+ 10	+ 30	6-Cyl
Power Steering	+ 40	0	+ 40	6-Cyl
Sure-Grip Differential	0	+ 15	+ 15	6-Cyl
Air Conditioner	+ 100	0	+ 100	6-Cyl
Automatic Transmission	* 25	0	- 25	V-8
Sure-Grip Differential	0	+ 5	+ 5	V-8
Power Steering	+ 35	0	+ 35	V-8
Air Conditioner	+ 125	- 5	+ 120	V-8

* 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.)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

H101 OVERALL HEIGHT. Measured with full design load.

H102 FRONT BUMPER TO GROUND. Minimum dimension

H104 REAR BUMPER TO GROUND. Minimum dimension.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND. Minimum clearance.

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

H155 SPARE TIRE WELL TO GROUND. Minimum clearance.

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

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

AMA Specifications – Passenger Car

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