

AMA Specifications—Passenger Car

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MANUFACTURER	DODGE DIVISION CHRYSLER CORPORATION	CAR NAME	DODGE CORONET AND CHARGER
MAILING ADDRESS	DETROIT, MICHIGAN 48231	MODEL YEAR	1968
		ISSUED	5-26-67
		REVISED (●)	2-15-68

NOTES:

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

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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 Coupe	2-Door Hardtop	Conv. Coupe	2-Door Sports Hardtop	4-Door Sedan	2-Seat Station Wagon	3-Seat Station Wagon
Coronet Deluxe	Six	WL21				WL41	WL45	
	V-8							
Super Bee *	V-8	WL21						
Coronet 440	Six	WH21 *	WH23			WH41	WH45	
	V-8							WH46
Coronet 500	V-8		WP23	WP27		WP41	WP45	WP46
Coronet R/T	V-8		WS23	WS27				
Charger	Six				XP29			
	V-8							
Charger R/T					XS29			

*Introduced January 1, 1968

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CAR AND BODY DIMENSIONS

See Pages 25, 26 for SAE Dimension Definitions

(All dimensions in inches unless otherwise indicated)

All dimensions to ground are for comparative purposes only and are shown with vehicle load of two passengers in front and three in rear, except where otherwise noted.

MODEL	SAE Ref. No.	Six				V-8				
		21	23	41	45	21	23	41	45	46
		WL	WH	WL,WH	WL	WL	WH	WL,WH	WL	WH
WIDTH		WH			WH				WH	
Track – Front	W101	59.5								
Track – Rear	W102	58.5				59.2				
Maximum overall car width	W103	76.7			76.5	76.7			76.5	
Body width at No. 2 pillar	W117	73.4		73.3		73.4		73.3		
LENGTH										
Body "O" to front of dash	L 30	2.0								
Wheelbase	L101	117								
Overall car length	L103	206.6			210.0	206.6			210.0	
Overhang – front	L104	35.4								
Overhang – rear	L105	54.2			57.6	54.2			57.6	
Body upper structure length	L123	103.9		104.3	--	103.9		104.3	--	
Body "O" line to C of rear wheel	L127	100.2								
Body "O" line to w/s cowl point	L130	-10.3								
HEIGHT										
Overall height	H101	52.5		54.7	56.4	52.5		54.7	56.4	
Cowl height	H114	37.2			38.1	37.2			38.1	
Deck height	H138	35.3		36.1	--	35.2		36.0	--	
Rocker panel – front	To ground	7.5								
	From front wheel C									
Rocker panel – rear	To ground	6.6								
	From rear wheel C									
Windshield slope angle	H122	18.8								
GROUND CLEARANCE										
Bumper to ground – front	H102	12.5		12.3	13.1	12.6		12.4	13.1	
Bumper to ground – rear	H104	10.5		11.5	11.9	10.4		11.5	11.9	
Angle of approach, degrees	H106	24.1		23.7	25.1	24.1		23.7	25.1	
Angle of departure, degrees	H107	12.2		13.4	15.4	12.1		13.4	15.4	
Ramp breakover angle, degrees	H147	9.7		10.8	13.2	9.7		10.8	13.2	
Min. running clearance (Specify)(a)	H156	4.9		5.5	6.7	4.9		5.5	6.7	

(a) At muffler

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CAR AND BODY DIMENSIONS

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(All dimensions in inches unless otherwise indicated)

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MODEL	SAE Ref. No.	318						440		
		23	27	29	41	45	46	23	27	29
		WP	WP	XP (a)	WP	WP	WP	WS	WS	XS

WIDTH

Track - Front	W101	59.5								
Track - Rear	W102	59.2								
Maximum overall car width	W103	76.7	76.6	76.7	76.5	76.7	76.6	76.7	76.6	
Body width at No. 2 pillar	W117	73.4	75.6	73.3	73.4	75.6		73.4	75.6	

LENGTH

Body "O" to front of dash	L 30	2.0								
Wheelbase	L101	117								
Overall car length	L103	206.6	207.9	206.6	210.0	206.6	207.9	206.6	207.9	
Overhang - front	L104	35.4	38.6	35.4	38.6	35.4	38.6	35.4	38.6	
Overhang - rear	L105	54.2	52.3	54.2	57.6	54.2	52.3	54.2	52.3	
Body upper structure length	L123	103.9	98.6	97.1	104.3	--	103.9	98.6	97.1	
Body "O" line to C of rear wheel	L127	100.2								
Body "O" line to w/s cowl point	L130	-10.3								

HEIGHT

Overall height	H101	52.5	54.0	53.2	54.7	56.4	52.9	54.0	53.0	
Cowl height	H114	37.2	37.6	37.2	38.1	37.3	37.2	37.6	37.2	
Deck height	H138	35.2	36.5	37.3	36.0	--	36.0	36.4	37.1	
Rocker panel - front	To ground	7.5	7.7	8.0	7.7	8.7	7.5	7.7	8.0	
	From front wheel C	13.8								
Rocker panel - rear	To ground	6.6	7.2	7.4	7.2	8.5	6.6	7.2	7.4	
	From rear wheel C	18.85								
Windshield slope angle	H122									

GROUND CLEARANCE

Bumper to ground - front	H102	12.6	12.4	12.9	12.4	13.1	12.6	12.4	12.9	
Bumper to ground - rear	H104	10.4	11.5	11.9	10.4	11.5	10.4	11.5	11.9	
Angle of approach	H106	24.1	23.7	24.2	23.7	25.1	24.1	23.7	24.2	
Angle of departure	H107	12.1	13.4	15.0	13.4	15.4	12.1	13.2	14.9	
Ramp breakover angle	H147	9.7	10.8	11.2	10.8	13.2	9.7	10.6	11.2	
Min. running clearance (Specify) (b)	H156	4.9	5.5	5.7	5.5	6.7	4.9	5.4	5.7	

(a) 6-cylinder also

(b) At muffler

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CAR AND BODY DIMENSIONS

See Pages 25, 26 for SAE Dimension Definitions

(All dimensions in inches unless otherwise indicated)

MODEL	SAE Ref. No.	21	23		27	41	45	46	23	29		41
		WL WH	WH	WS	WP WS	WL WH	WL, WH,WP	WH WP	WP	XP	XS	WP
FRONT COMPARTMENT		Bench Seats							Bucket Seats			
Effective head room	H61	37.3			39.3	38.6	39.4		37.3	37.4		39.1
Max. eff. leg room — accelerator	L34	41.8					41.9			41.4		
H Point to Heel point	H30	8.1					8.6			8.1		
H Point travel	L17	4.5										
Shoulder room	W 3	58.1 (d)										
Hip room	W 5	60.6					60.4				60.6	
Upper body opening to ground	H50	47.9	48.3	48.5	49.6	50.7	47.9	45.5	45.3	49.6		

REAR COMPARTMENT

H Point couple distance	L50	31.5	31.9	32.0(e)	34.0		31.9		34.4		
Effective head room	H63	36.7		37.2	37.4	39.3	36.7	36.4	37.4		
Min. effective leg room	L51	33.1	34.1	34.0	36.3		34.1		36.9		
H Point to Heel point	H31	9.9			11.0		9.9		11.0		
Min. knee room	L48	2.1	3.2	2.5	3.8		3.2		4.7		
Rear Compartment room	L 3	25.2	25.3	25.5	27.8	27.5	25.3		27.9		
Shoulder room	W 4	58.1		48.6		58.1					
Hip room	W 6	60.6		45.7	60.4		60.6	60.4			
Upper body opening to ground	H51	--			49.2	50.4 (f)	--		49.2		

LUGGAGE COMPARTMENT

Usable luggage capacity	V 1				17.4	--					
Liftover height	H195	28.5(a)	29.5	29.6(b)	29.6(c)	25.3	28.5	31.2	31.1	29.6	
Position of spare tire storage		On shelf		Floor	Shelf	Well	Shelf				
Method of holding lid open		Torsion bar					--	Torsion bar			

STATION WAGON — THIRD SEAT

Shoulder Room	W85	--		50.5	--	
Hip room	W86	--		41.5	--	
Effective leg room	L86	--		31.8	--	
Effective head room	H86	--		35.0	--	
Seat facing direction		--		Rear	--	

STATION WAGON — CARGO SPACE

Cargo length at floor — front seat	L202	--		91.7	--	
Cargo length at belt — front seat	L204	--		80.9	--	
Cargo width — wheelbase	W201	--		45.3	--	
Opening width at belt	W204	--		49.8	--	
Maximum cargo height	H201	--		31.2	--	
Rear opening height	H202	--		30.0	--	
Cargo volume index (cu. ft.) W4 x L204 x H201 1728	V2	--		84.9	--	

(a) 28.6 for 6-cylinder

(b) 29.5 for WS

(c) 29.7 for 6-cylinder

(d) 58.0 for all WP models except WP 27, WP 45, and WP 46.

(e) 32.4 for WS models

(f) 50.5 for 6-cylinder models

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POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY		ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A C ratio)				
		Displ. cu. in.	Carburetor	Compr. Ratio	BHP RPM	Torque RPM						
Not AT	XP, WL, WH, Exc 45, 46	225	1, 1-V	8.4	145 @ 4000	215 @ 2400	Manual 3-Speed	3.23*, 3.55				
	Automatic						2.93, 3.23*, 2.94*, 3.55					
	WL45; WH45						Manual 3-Speed	3.23*, 3.55				
	Automatic						2.94*, 3.23*, 3.55					
Std	WL, Exc Super Bee	273	1, 2-V	9.0	190 @ 4400	260 @ 2000	Manual 3-Speed	3.23*, 2.94*, 3.55				
	WP, XP, WH	318		9.2	230 @ 4400	340 @ 2400	Automatic	2.94*, 3.23*, 3.55				
							Manual 3-Speed	2.94*, 3.23*, 3.55				
							Automatic	2.76, 3.23*, 2.94*				
	WL Super Bee	383	1, 4-V	10.0	330 @ 5000	425 @ 3200	Manual 4- Speed	3.23 *				
	WS, XS	440					1, 4-V	10.1	375 @ 4600	480 @ 3200	Automatic	3.23*
											Manual 4- Speed	3.54*
	Opt	WL, Exc Super Bee	318	1, 2-V	9.2	230 @ 4400	340 @ 2400	Manual 3- Speed	2.94*, 3.23*, 3.55			
		WL, WH, WP, XP Exc Super Bee	383					1, 4-V	10.0	330 @ 5000	425 @ 3200	Automatic
Manual 4- Speed												3.23*
WL, WH, WP, WS, XP, Exc 45, 46		426	2, 4-V	10.25	425 @ 5000	490 @ 4000	Manual 4-Speed	3.54*				
							Automatic	3.23*				
NOTE: Axle ratios marked with an asterisk (*) also are available in Sure-Grip, those marked with a double asterisk (**) are available only in Sure-Grip.												

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MODEL	Std				Exc Super Bee				Opt (h)	
	WL, WH, XP	WL	WP, XP, WH	WS, XS	WL, Exc Super Bee	WL, WH, WP, XP	WL, WH, WS, XS, XP			

ENGINE - GENERAL

Type, no. cyls., valve arr.		6, In-line		90° V-8					
Bore and stroke (nominal)		3.4 x 4.125		3.91 x 3.31	4.32 x 3.75	3.91 x 3.31	4.25 x 3.38		4.25 x 3.75
Piston displacement, cu. in.		225	273	318	440	318	383		426
Bore spacing (C to C)		(a)	4.46		4.80	4.46	4.80		
No. system	L. Bank	--	1-3-5-7						
(front to rear)	R. Bank	--	2-4-6-8						
Firing order		1-5-3-6-2-4							
Compress. ratio (nominal)		8.4	9.0	9.2	10.1	9.2	10.0	10.25	
Cylinder Head Material		Cast iron							
Cylinder Block Material		Cast iron							
Cyl. Sleeve-Wet, dry, none		None							
Number of mtg. points	Front	Two							
	Rear	One							
Engine installation angle		Lateral 0°, up 2, 6°							
Taxable horsepower	Dia ² xNo. Cyl. 2.5	27.7	42.2	48.9	59.7	48.9	57.8		
Publishing max. bhp* @ eng. RPM		145 @ 4000	190 @ 4400	230 @ 4400	375 @ 4600	230 @ 4400	290 @ 4400	330 @ 5000	425 @ 5000
Publishing max. torque* (lb. ft. @ RPM)		215 @ 2400	260 @ 2000	340 @ 2400	480 @ 3200	340 @ 2400	390 @ 2800	425 @ 3200	490 @ 4000
Recommended fuel regular - premium		Regular			Premium	Regular		Premium	

ENGINE - PISTONS

Material	Aluminum alloy							
Description and finish	Closed slipper-type, steel strut, elliptically-turned, tin-plated							
Weight (piston only) oz.	16.4	19.3	20.9	30.2	20.9	27.2	29.7	
Clearance* (limits)	Top land	.024 min.	.017 min.	.018 min.	.022 min.	.018 min.	.022 min.	.023 min.
	Skirt Top	(b)			(c)	(b)	(c)	(d)
	Bottom	(e)			(f)	(e)	(b)	(g)
Ring groove depth	No. 1 ring	.179	.191	.205	.224	.205	.220	.215
	No. 2 ring	.179	.191	.205	.224	.205	.220	.215
	No. 3 ring	.181	.182	.193	.193	.193	.208	.191
	No. 4 ring							

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

(a) 3.98 (1-2, 3-4, 5-6); 2-3, 4-5)

(b) .0005 - .0015

(c) .00025 - .00125

(d) .0025 - .0035

(e) -.0005 - +.0015

(f) -.00125 - +.00125

(g) .0015 - .0035

(h) Super Bee Standard Engine 383 CID 1, 4-V

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See Page 3 for Engine Usage

MODEL	225 CID	273 CID	318 CID	383 CID	440 CID	426 CID Hemi
				2-V	4-V	

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.		Compression		
	No. 2, oil or comp.		Compression		
	No. 3, oil or comp.		Oil		
	No. 4, oil or comp.		None		
Compression	Description - material, coating, etc.	#1	(a)	(b)	(c)
		#2	(d)	(e)	
	Width		.078		
	Gap		.010 - .020 .013 - .023		
Oil	Description - material, coating, etc.		3-piece abutment-type, stainless steel expander-spacer with chrome-plated segments		
	Width		.188		
	Gap		Not applicable		
Expanders		See above			

ENGINE—PISTON PINS

Material		Carbon Steel - Carburizing Grade			
Length		2.965	2.815	2.995	3.565
Diameter		.9008	.9842	1.094	1.0311
Type	Locked in rod, in piston, floating, etc.	Press-fit in rod	Floating	Press-fit in rod	Floating
	Bushing	In rod or piston	Rod	None	Rod
	Material	--	(f)	--	(f)
Clearance	In piston	(g)	.0000 - .0005	(g)	(h)
	In rod	(i)	.0000 - .0005	(i)	(j)
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)		6.699	6.123	6.358	6.768
Bearing	Material & Type	(k)	Bi-metal grid	(k)	Tri-metal
	Overall length	.985	.843	.927	
	Clearance (limits)	.0002 - .0022		.0005 - .0030	(l)
	End play	.006 - .012	.006 - .014(2 rods)	.009 - .027 (2 rods)	

- (a) Cast iron, twist and taper, tin-plated
 (b) Cast iron, twist and radius-faced, tin-plated
 (c) Cast iron, twist and barrel-lap faced, moly-filled
 (d) Cast iron, reverse twist and taper, lubrite-coated
 (e) Cast iron, reverse twist and taper, tin-plated
 (f) Bronze on steel
 (g) .00045 - .00075
 (h) .0003 - .0006
 (i) .0007 - .0014 interference
 (j) .0002 - .0007
 (k) Lead-base babbitt on steel
 (l) .0010 - .0035

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See Page 3 for Engine Usage

MODEL	225 CID	273 CID	318 CID	383 CID	440 CID	426 CID Hemi
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ENGINE—CRANKSHAFT

Material		(a)	Cast ductile iron		(a)	
Vibration damper type		Non-adhesive, 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			(b)
	Clearance		.0002 - .0022 specified, .0005 - .0015 desired			(c)
	Journal dia. and bearing overall length	No. 1	2.75 x 1.034	2.5 x 0.872	2.625 x 0.944	2.75 x 0.944
		No. 2	2.75 x 1.034	2.5 x 0.872	2.625 x 0.944	2.75 x 0.944
		No. 3	2.75 x 1.254	2.5 x 1.151	2.625 x 1.223	2.75 x 1.223
		No. 4	2.75 x 1.034	2.5 x 0.872	2.625 x 0.944	2.75 x 0.944
		No. 5	--	2.5 x 1.562	2.625 x 0.944	2.75 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	Center of "V"			
Material		Hardenable cast iron; oil pump and distributor drive cast integrally				
Bearings	Material	Lead-base babbitt on steel				
	Number	Four	Five			
Type of Drive	Gear or chain		Chain		(d)	
	Crankshaft gear or sprocket material		Malleable cast iron or sintered iron (Super Oilite)		Steel	
	Camshaft gear or sprocket material		Cast Iron	Nylon - coated aluminum		Cast iron
	Timing chain	No. of links	50	68	50	66
		Width	.88	.63	.75	.86
		Pitch	.50	.375	.50	.375

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		NA	Std	NA
Valve rotator, type (intake, exhaust)		Low-friction lock on exhaust		
Rocker ratio		1.5		
Operating tappet clearance (indicate hot or cold)	Intake	.010 hot	Hydraulic	.028 cold
	Exhaust	.020 hot	Hydraulic	.032 cold
Timing marks on flywheel, damper, other		Stationary indicator on chain case cover		

(a) Drop-forged steel

(Continued)

(b) Tri-metal: steel back, copper-lead, intermediate layer, high lead overplate

(c) .0015 - .0025

(d) Double roller chain

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See Page 3 for Engine Usage

MODEL	225 CID	273 CID 318 CID	383 CID 2-V	440 CID 4-V	426 CID Hemi
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ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	10	10	18	21	36	
		Closes (°ABC)	50	50	58	67	68	
		Duration - deg.	240	240	256	268	284	
	Exhaust	Opens (°BBC)	50	58	64	79	80	
		Closes (°ATC)	6	10	14	25	24	
		Duration - deg.	236	248	260	284	284	
	Valve opening overlap		16	20	32	46	60	
Intake	Material		SAE 1041				Silchrome XB	
	Overall length		4.77	4.98	4.87		5.41	
	Actual overall head dia.		1.62	1.78	2.08		2.25	
	Angle of seat & face, deg		Seat: 44.5 - 45; valve: 45 - 45.5					
	Seat insert material		None					
	Stem diameter		.372 - .373				.309	
	Stem to guide clearance		.001 - .003				.002 - .003	
	Lift (@ zero lash)		.394	.372	.425		.450	.490
	Outer spring press. and length	Valve closed (lb. @ in.)	62 @ 1.65	92 @ 1.65	125 @ 1.86	115 @ 1.86	115 @ 1.86	115 @ 1.86
		Valve open (lb. @ in.)	154 @ 1.26	185 @ 1.28	200 @ 1.43	225 @ 1.43	230 @ 1.41	280 @ 1.37
	Inner spring press. and length	Valve closed (lb. @ in.)	None					Surge damper
		Valve open (lb. @ in.)	None					Surge damper
Exhaust	Material		21 - 4N				21 - 4N (a)	
	Overall length		4.80	5.00	4.89		4.86	
	Actual overall head dia.		1.36	1.50	1.74		1.94	
	Angle of seat & face, deg		47 - 47.5	Seat: 44.5 - 45; valve: 45 - 45.5				
	Seat insert material		None					
	Stem diameter		.371 - .372				.308	
	Stem to guide clearance		.002 - .004				.003 - .005	
	Lift (@ zero lash)		.390	.400	.437		.465	.480
	Outer spring press. and length	Valve closed (lb. @ in.)	62 @ 1.65	92 @ 1.65	125 @ 1.86	115 @ 1.86	115 @ 1.86	115 @ 1.86
		Valve open (lb. @ in.)	154 @ 1.26	192 @ 1.25	202 @ 1.42	227 @ 1.42	234 @ 1.42	277 @ 1.38
	Inner spring press. and length	Valve closed (lb. @ in.)	None					Surge damper
		Valve open (lb. @ in.)	None					Surge damper

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	

(a) Stellite-faced

(Continued)

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DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1968 DATE ISSUED 5-26-67 REVISED (•)3-4-68

See Page 3 for Engine Usage

MODEL	225 CID	273 CID 318 CID	383 CID 2-V	4-V	440 CID	426 CID
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ENGINE – LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary				
Normal oil pressure (lb. engine rpm)	45-65 @ 2000				
Oil press. sending unit (elect. or mech.)	Electric				
Type oil intake (floating, stationary)	Stationary				
Oil filter system (full flow, part., other)	Full flow (a)				
Filter replacement (element, complete)	Complete				
Capacity of c. case, less filter-refill (qt.)	4				5
Oil grade recommended (SAE viscosity and temperature range) (b)	Consistently above +32F: SAE 10W-30, 20W-40, or 30 Occasionally as low as -10F: SAE 10W-30 Consistently between +32F and -10F: SAE 10W-30 or 10W Consistently below +10F: SAE 5W-20				(c)
Engine Service Reqmt. (MM, MS, etc.)					

ENGINE – EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Single, with crossover	Dual	
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse		Two, rev. flow	2-rev. flow 2-resonators
Exhaust pipe dia. (O.D., wall thick.)	Branch	1.75 x .075	1.88 x .075	--
	Main	1.88 x .075	2.00 x .075	2.50 x .083
Tail pipe dia. (O.D. & wall thickness)	1.75 x .043	1.88 x .043		2.25 x .043

ENGINE – CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Induction system	
	Optional	None	
Control Unit	Make and model	(d)	(e)
	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)	Tube from carburetor air cleaner intake horn to oil filler cap	
	Flame arrestor (screen, check valve, other)	Check valve	

- (a) Change filter every second oil change; replacement part number: 1851658 (MoPar L-72).
 (b) Recommended oil change interval: every three months or 4000 miles, whichever comes first.
 (c) Below +32F - SAE 10W-30; above +32F - SAE 20W-40, SAE 30, or SAE 40.
 (d) Chicago Screw 2843258 or United Air Cleaner 2863189.
 (e) Chicago Screw 2843257 or United Air Cleaner 2843256.

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 5-26-67 REVISED (a) 3-4-68

MODEL _____ All Models

ENGINE — EXHAUST EMISSION CONTROL (a)

Type (Air injection, engine modifications, other and name)		Engine Modifications - Cleaner Air System	
Air Injection Pump	Type	Not Applicable	
	Displacement	"	
	Drive ratio	"	
	Drive type	"	
	Relief valve (type)	"	
	Filter (describe)	"	
Air Injection System	Air distribution (head, manifold, etc.)	"	
	Point of entry	"	
	Injection tube I.D.	"	
	Check valve type	"	
	Backfire protection (type)	"	
Carburetor	Make	See page 10	
	Model	"	
	Barrel size	"	
	Idle speed	Drive	"
		Neutral	"
	Idle A. F. mixture	"	
Distributor	Aux. Adv. Systems (type)	Manifold vacuum actuated control valve (b)	
	Make	Chrysler	
	Model	See page 13A	
	Cent'fgal adv. in crank degrees @ eng. rpm	Start (rpm)	"
		Intermed. points deg. @ rpm	"
		Max. deg. @ rpm	"
	Vacuum adv. in crank degrees @ eng. rpm	Start (in Hg)	"
		Intermed. points deg. @ in. Hg	"
		Max. deg. @ in.	"
	Vacuum Source	(c)	
Timing - Crank degrees @ rpm	See page 13A		
Cooling System (describe changes)	None		
Exhaust System (describe changes)	None		

(a) Maintenance: Every 6 months inspect crankcase ventilator valve, oil filler pipe cap, associated hoses. Clean oil filler cap. Test ventilator valve for proper operation. Every year replace ventilator valve.

(b) For cars with manual transmission only.

(c) From port in carburetor or direct from manifold as controlled by the auxiliary advance systems.

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-5-67 REVISED (a) 3-4-68

MODEL	See Page 3 for Engine Usage					
	225 CID	273 CID	318 CID	383 CID	440 CID	426 CID Hemi

ENGINE - FUEL SYSTEM

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

Induction type: Carburetor, fuel injection, supercharger.			Carburetor			
Fuel Tank	Refill capacity (U.S. gals.)		19			
	Filler location		Rear center (left rear fender - Charger and Station Wagons)			
Fuel Pump	Type (elec. or mech.)		Mechanical			
	Locations		Rt. center	Right front		
	Pressure range		3.5 to 5	5 to 7	3.5 to 5	7 to 8.5
Vacuum booster (std., optional, none)			None			
Fuel Filter	Type		Fuel tank: plastic; fuel line: paper 2525254			
	Locations		One in fuel tank, one in fuel supply line			
Carburetor	Choke type -		Automatic, separate			
	Intake manifold heat control (exhaust or water)		Exhaust			
	Air cleaner type (a)	Standard	2206376	1739547	2402677	2658856
		Optional	--			
	Idle speed (spec. neutral or drive) (b)	Manual	650	700	650	750
		Automatic	650	600	650	750
Idle A/F mix.		14.0-14.4				

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage		Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
				Make	Model		
Std: WL, WH, XP Exc Super Bee	WL, WH, XP	225	Manual	Holley	R-3921 A	1, 1-V	1.69
			Automatic		R-3922 A		
	WL,	273	Manual	Ball and Ball	BBD-4416 S	1, 2-V	1.44
			Automatic		BBD-4417 S		
Std: WP, XP, WH Opt: WL, Exc Super Bee Opt: WL, WH, WP, XP	WL, WH, WP, XP	318	Manual		BBD-4420 S		
			Automatic		BBD-4421 S		
	WL, WH, WP, XP	383	Manual		BBD-4422 S		1.56
			Automatic		BBD-4423 S		
Opt: WL, WH, WP, XP Std: Super Bee	WL, WH, WP, XP	383	Manual	Carter	AVS-4426 S	1, 4-V	P: 1.44 S: 1.69
			Automatic		AVS-4401 S		
	Std: WS, XS	440	Manual		AVS-4428 S		P: 1.69 S: 1.69
			Automatic		AVS-4429 S		
Opt: WL, WH, WS, XS, XP	WL, WH, WS, XS, XP	426 Hemi	Manual		F:AFB-4430S R:AFB-4431S	2, 4-V	P: 1.44 S: 1.69
			Automatic		F:AFB-4430S R:AFB-4432S		

(a) Paper element. Clean filter every 6 months. Replace every 2 years.

(b) Transmission in neutral. Air conditioning off.

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1968 DATE ISSUED 5-26-57 REVISED (a) 3-4-68

See Page 3 for Engine Usage

MODEL _____	225 CID	273 CID	318 CID	383 CID	440 CID	426 CID Hemi
				2-V	4-V	

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)	Pressure-Vent						
Radiator cap relief valve pressure	16						
Circulation thermostat	Type (choke, bypass)	Choke, pellet					
	Starts to open at (°F)	177 - 184					
Water pump	Type (centrifugal, other)	Centrifugal					
	GPM @ 1000 pump rpm	NA					
	Number of pumps	One					
	Drive (V-belt, other)	V-belt					
	Bearing type -	Ball, integral shaft, permanently sealed					
By-pass recirculation type (inter., ext.)	External		Internal				
Radiator core type (cellular, tube and fin, other)	Tube and spacer						
Cooling system capacity	With heater (qt.) (a)	13	19	18	17	17 (b)	18
	Without heater (qt.)	Heater is std					
	Opt. equipment-specify (qt.)	Add 1-qt with air conditioner					None
Water jackets full length of cyl. (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		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	See page 11A				
		Diameter	"				
Ratio-fan to crankshaft rev.		"					
Fan cutout type		"					
Bearing type		See water pump above					
Drive belts (indicate belt used by letter)	Fan	See page 11A					
	Generator or alternator	"					
	Water Pump	"					
	Power Steering	"					
	Air Conditioning	"					

(a) Protect cooling system with Glycol-Base antifreeze. Alcohol-Base antifreeze is not recommended because of its low boiling point.

(b) 18-qt when equipped with 4-speed manual transmission

AMA Specifications—Passenger Car

MAKE OF CAR DODGE CORONET AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-5-67 REVISED (*)

AVAILABILITY

See Page 3 for Engine Usage																	
225 CID			273 CID			318 CID			383 CID			440 CID			426 CID Hemi		
Std		AC	Std		AC	Std		AC	Std		AC	Std		AC	Std		
FAN																	
Number Blades & Spacing			4 (a)			7 (b)			4 (a)			7 (b)					
Diameter			17			18			18.5			18			18		
Ratio - Fan to Crankshaft			1.07:1			.95:1			1.3:1			.95:1			1.4:1		
Fan Cut-out, Type			None			(c)			None			(c)			None(d)		
(a) 76° - 104°			(b) 60° - 45° - 59° - 47° - 54° - 50° - 45°			(c) Viscous			(d) Viscous with manual Transmission								
DRIVE BELTS																	
Fan			A			E			G			H			B		
Alternator			A			E			G			H			J (2)		
Water Pump			A			E			G			H			B		
Power Steering			B			C			F			I			M		
Air Conditioner			--			D			--			D			J (2)		
			--			D			--			J (2)			K (2)		
DRIVE BELT DIMENSIONS																	
Angle of "V", Degrees			A			B			C			D			E		
Nominal Length, SAE			36			36			36			36			36		
Width			57.00			36.50			38.38			53.00			46.50		
			.38			.38			.38			.50			.38		
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			.38														

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-5-67 REVISED (a) 3-4-68

See Page 3 for Engine Usage

MODEL	225 CID	273, 318-CID w/o AC w/AC	383 CID w/o AC w/AC	440 CID w/o AC w/AC	426 CID Hemi
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ELECTRICAL — SUPPLY SYSTEM

Battery	Make and Model	MoPar	24-MB-48	24-MB-59	27-MB-70 R	12-MB-70
	Voltage Rtg. & Total Plates		12, 54	12, 66	12, 78	
	SAE Designation & Amp. Hr. Rtg.		9HC3, 48	9HC3-A, 59	9HC5, 70	
	Location		Left front fender shield			
Generator or Alternator	Terminal grounded		Negative			
	Make		Chrysler			
	Model		2642537	2098850	2642537	2098850
	Type and rating		37	46	37	46
Regulator	Output at engine idle (neutral)		NA			
	Ratio—Gen. to Cr/s rev.		2.70:1	2.40:1	2.55:1	2.44:1
	Make		Chrysler			
	Model		2098300			
Regulator	Type		Voltage control			
	Cutout relay	Closing voltage generator rpm	--			
		Reverse current to open	--			
	Regulated	Voltage	13.6 to 14.5 @ 70 F			
		Current	--			
	Voltage test conditions	Temperature	70 F			
		Load	15 amp			
		Other	After running 15-min. @ 1250 engine rpm with 15-amp load			

ELECTRICAL — STARTING SYSTEM

Starting Motor	Make		Chrysler			
	Model		2095150			
	Rotation (drive end view)		Clockwise			
Motor control	Switch (solenoid, manual)		Solenoid			
	Starting procedure		With transmission in "Neutral" or "Park", depress accelerator pedal fully and release, then turn ignition key beyond "Ignition On" position.			
	Engagement type		Solenoid			
Motor Drive	Pinion meshes (front, rear)		Front			
	Number of teeth	Pinion	10			10 (b)
		Flywheel	130			172
	Flywheel tooth face width	Manual	122	130	143	172
		Auto.	122	130	143	172
	Flywheel tooth face width	Manual	.340			
		Auto.	.340			

(a) 2642930 with manual transmission

(b) Nine teeth with manual transmission

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-6-67 REVISED (•) 3-4-68

See Page 3 for Engine Usage

MODEL	225 CID	273 CID	318 CID	383 CID	440 CID	426 CID
				2-V	4-V	Hemi

ELECTRICAL – IGNITION SYSTEM

Type	Conventional – Std., Opt., N.A.		Std			
	Transistorized – Std., Opt., N.A.		NA			
	Other (specify)		None			
Coil	Make		Chrysler Prestolite or Chrysler Essex			
	Model		2444242 2444241			
	Amps	Engine stopped	3.0			
		Engine idling	1.9			
Distributor	Make		Chrysler		Prestolite	
	Model		See page 13A			
	Centrifugal adv. in c' shaft degrees @ engine rpm (nominal)	Start (rpm)	"			
		Intermediate points deg. @ rpm	"			
		Max. deg. @ rpm	"			
	Vacuum adv. in c' shaft 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)	(b)
Breaker arm tension (oz.)		17-20		17-20(c)	17-21.5	
Timing	Crankshaft deg. @ rpm		See page 13A			
	Mark location		"			
Spark Plug	Make & Model	MoPar	P-6-6P	P-3-6P	P-3-4P	--
		Champion	N14Y	J14Y	J11Y	N10Y
	Thread (mm)		14-mm			
	Tightening torque (lb. ft.)		30-32			
	Gap		.035			
	Cable	Conductor type		Resistor		
Insulation type		(d)	Synthetic rubber with Hypalon jacket			
Spark plug protector		(e)	Silicone			

ELECTRICAL – SUPPRESSION

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

- (a) With automatic transmission 28-33; with manual transmission, dual points; 27-32 each, total 37-42
 (b) Dual points; 27-32 each, total 37-42
 (c) With dual points, 17-21.5
 (d) Synthetic rubber with neoprene jacket
 (e) Hypalon

AMA Specifications—Passenger Car

MAKE OF CAR DODGE CORONET AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-6-67 REVISED (*)

AVAILABILITY

(See Page 3 for Engine Usage)

		225 CID	273 CID	318 CID	383 CID		440 CID	426 CID Hemi
					2-bbl	4-bbl		
Trans- mission	Manual	2875364	2875334	2875342	2875352	2875356	2875102	2875140
	Automatic	2875366	2875334	2875342	2875354	2875358	2875209	2875140
Timing	Manual	TDC @ 650	5 ATC @ 700	5 ATC @ 650	TDC @ 650	TDC @ 650	TDC @ 650	TDC @ 750
	Automatic	TDC @ 650	2.5 ATC @ 650	2.5 ATC @ 600	7.5 BTC @ 600	5 BTC @ 650	5 BTC @ 650	TDC @ 750

SPECIFICATIONS

DISTRIBUTOR PART NUMBER	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Degrees at Inches of Mercury		
	Start	Intermediate	Maximum	Start	Intermediate	Maximum
2875102	0 @ 700-1000	0-14.4 @ 1000	20.6-24.6 @ 1420	0 @ 8-9.8	8-14 @ 12.2	16.5-21.5 @ 15
2875140	0 @ 900-1200	0-14 @ 1200	19.6-23.6 @ 1610	0 @ 6-9	9-15 @ 12	8.5-11 @ 15
2875209	0 @ 700-1000	0-11.6 @ 1000	15.6-19.6 @ 1400	0 @ 8-9.8	8-14 @ 12.2	16.5-21.5 @ 15
2875334	0 @ 700-1000	0-14 @ 1000	22.5-26.5 @ 1470	0 @ 5-8	10-16 @ 10	21-27 @ 13.5
2875342	0 @ 700-950	0-10 @ 950	15.5-19.5 @ 1400	0 @ 8.1-9.8	4-7 @ 12.2	16.5-21.5 @ 15
2875352	0 @ 750-1050	0-12 @ 1050	19.5-23.5 @ 1520	0 @ 5-8	10-16 @ 10	21-27 @ 13.5
2875354	0 @ 750-950	0-7.6 @ 950	14-18 @ 1500	0 @ 5-8	10-16 @ 10	21-27 @ 13.5
2875356	0 @ 750-1050	0-12.4 @ 1050	23.2-27.2 @ 1600	0 @ 5-7.6	12-18 @ 12.1	18-24 @ 14.75
2875358	0 @ 750-1050	0-13 @ 1050	20.2-24.2 @ 1520	0 @ 5-7.6	12-18 @ 12.1	18-24 @ 14.75
2875364	0 @ 700-1000	0-7.4 @ 1000	18.4-22.4 @ 1740	0 @ 6.2-9.7	4-10 @ 11.9	7.4-12.4 @ 13.8
2875366	0 @ 700-1000	0-7.4 @ 1000	18.4-22.4 @ 1740	0 @ 5-7	5-11 @ 8	7.5-6.5 @ 8.7

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1968 DATE ISSUED 6-6-67 REVISED (*) 3-4-68

MODEL _____	Except XP29, XS29	XP29, XS29
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ELECTRICAL — INSTRUMENTS AND EQUIPMENT

Speedometer	Type	In-line drive, pointer
	Trip odometer (yes,no)	No
Charge indicator — type		Ammeter
Temperature indicator — type		Electric, thermal
Oil pressure indicator — type	Light	Electric, thermal
Fuel indicator — type		Electric, thermal
Other	Brake system and parking brake warning light	Brake system and parking brake warning light, clock
Windshield wiper	Type — Standard	Two-speed
	Type — Optional	Three-speed
Windshield washer	Type — Standard	Electric
	Type — Optional	--
Horn	Type	Four-inch sea shell
	Number used	Std: 1, Opt: 2 Two
	Amp draw (each)	Spartan Automotive 6-8 amp, Prestolite: 4-6 amp

DRIVE UNITS — CLUTCH (Manual Transmission)

MODEL		225 CID		273 CID 225 Spec Equip.		318 CID		383, 2-V 383, 4-V		426 CID 440 CID	
Type & type Dry-plate		Auburn		Borg and Beck							
Type pressure plate springs		Coil									
Total spring load (lb.)		1330(a)	1478	2141		1820		2345		2713	
No. of clutch driven discs		One									
Clutch facing	Material	Woven asbestos									
	Outside & inside dia.	9.25 x 6.0		10.0 x 6.75		10.5 x 6.5		11.0 x 6.5		11.0 x 7.0	
	Total eff. area (sq.in.)	77.8		85.5		106.8		123.6		113.1	
	Thickness	.125		.125		.125		.135			
	Engagement cushioning method	2-piece Cushion		Flat wave springs							
Release bearing	Type & method of lubrication	Ball bearing, permanently lubricated									
Torsional damping	Methods: springs, friction material	Coil springs and friction washers									

(a) Minimum net plate load shown

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1968 DATE ISSUED 6-6-67 REVISED (•)

See Page 3 for Engine Usage

MODEL _____	225 CID	273 CID 318 CID	383 CID	440 CID	426 CID Hemi
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DRIVE UNITS – TRANSMISSIONS

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

DRIVE UNITS – MANUAL TRANS.

Number of forward speeds		Three		Four	
Transmission ratios	In first	2.95	3.02	2.66	2.65
	In second	1.83	1.76	1.91	1.93
	In third	1.00	1.00	1.39	1.39
	In fourth	--	--	1.00	1.00
	In reverse	3.80	3.95	2.58	2.57
Synchronous meshing, specify gears		2nd and 3rd		All forward speeds	
Shift lever location		Steering column		Floor or console	
Lubricant	Capacity (pt.)	6.5	6.0	9.0	
	Type recommended	(a)			
	SAE viscosity number	(a)			
	Summer	(a)			
	Winter	(a)			
	Extreme cold	(a)			

DRIVE UNITS – MANUAL TRANS. W/OVERDRIVE

(For transmission data see manual transmission section)

Type (planetary or other)	Not applicable				
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				
	Extreme cold				

- (a) 3-speed: Automatic Transmission Fluid, Type AQ-ATF, Suffix "A" for all temperature ranges; Multipurpose Gear Lubricant, SAE 90, may be used in warm climates.

4-speed: When necessary, add Multipurpose Gear Lubricant, SAE 140. During extremely cold weather, refill the transmission with Multipurpose Gear Lubricant, SAE 80 or 90, or with Automatic Transmission Fluid, Type AQ-ATF, Suffix "A".

RECOMMENDED CHANGE INTERVAL: no oil change required except in severe service such as taxi or police operation, trailer towing, or continuous operation at higher-than-normal loading. Under these conditions, change oil at 36,000 miles or 3 years, and every 12,000 miles or each year thereafter.

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1968 DATE ISSUED 6-6-67 REVISED (a) 3-4-68

See Page 3 for Engine Usage

MODEL	225 CID	273 CID	318 CID	383 CID	440 CID	426 CID
				2-V	4-V	Hemi

DRIVE UNITS – AUTOMATIC TRANSMISSION

Trade name	TorqueFlite						
Type describe	Torque converter with automatically-operated planetary gear transmission						
Selector location	Lever: steering column or console-mounted						
List gear ratios Selector Pattern and indicate which are used in each selector position	R: 2.20 D: 2.45 - 1.45 - 1.00 2: 2.45 - 1.45 1: 2.45						
Max. upshift speed—drive range	71	78	83	85	73	77	93
Max. kickdown speed—drive range	64	69	74	76	65	69	84
Torque converter	Number of elements	Three					
	Max. ratio at stall	2.1		2.0	2.1	2.0	2.1
	Type of cooling (air, liquid)	Water					
	Nominal diameter	10.75					
Lubricant (a)	Capacity—refill (pt.)	16		18.5	17.5	18.5	17.5
	Type recommended	Automatic transmission Fluid Type AQ-ATF, Suffix "A"					
Special transmission features	None						

DRIVE UNITS – PROPELLER SHAFT

Number used		One				
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube				
Outer diam. x length x wall thick-ness	Manual 3-speed trans.	2.75 x 58.27 x .065 (b)	3.00x52.03x .065	--		
	Manual 4-speed trans.	--	3.25 x 52.03 x .065	3.00 x 52.07 x .065	3.00 x 50.96 x .065	
	Overdrive transmission	--				
	Automatic transmission	3.00 x 58.27 x .065 (b)	3.00x56.17x .065	2.75 x 52.03 x .065	3.00 x 52.07 x .065	3.00 x 52.07 x .065

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

(Continued)

(a) Recommended change interval: no oil change required except in severe service such as taxi or police operation, trailer towing, or continuous operation at higher-than-normal loading. Under these conditions, change oil at 36,000 miles or 3 years, and every 12,000 miles or each year thereafter.

(b) For station wagons: 3.00 x 56.17 x .065

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DODGE CORONET

MAKE OF CAR AND CHARGER

MODEL YEAR 1968

DATE ISSUED 6-8-67 REVISED (*) 3-4-68

See Page 3 for Engine Usage

MODEL

225 CID Except
Station Wagon225 CID with 45: 318- &
383-CID, 426- & 440 wAuto.426- & 440 CID
with manual

DRIVE UNITS — PROPELLER SHAFT (cont.)

Inter- mediate bearing	Type (plain, anti-friction)		Anti-friction	
	Lubrication (fitting, prepack)		Prepack	
Slip Yoke	Type		Slip spline	
	Number of teeth		29	
	Spline O.D.		1.325	
Universal joints	Make and Mfg. No.		7260	7290
	Number used		Two	
	Type (ball and trunnion, cross)		Cross	
	Rear attach. (u-bolt, clamp, etc.)		C-Clamp	
	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 — AXLE

Type (front, rear)	Std: 1-piece case; Opt: Sure-Grip 2-piece case		
Description	Semi-floating		
Limited Slip differential, type	Torque bias		
Drive Pinion Offset	1.625	1.50	1.125
No. of differential pinions	Std: 2, Opt: Sure-Grip, 4		
Pinion adjustment (shim, other)	Solid shim (washer)		
Pinion bearing adj. (shim, other)	Solid shim (washer)	Shim pack	
Wheel bearing type	Ball bearing	Tapered roller bearing	
Lubricant	Capacity (pt.)	2.0	4.0 5.5
	Type recommended	Multipurpose Gear Lubricant (a)	
	SAE vis- cosity number	Summer	Above -10F SAE 90
		Winter	Between -10F and -30F SAE 80
		Extreme cold	Below -30F SAE 75

AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio	2.76	2.93	2.94	3.23	3.54	3.55
No. of teeth	Pinion	17	14	16	13	13
	Ring gear	47	41	47	42	46
Ring Gear O.D.		8.75	7.25	8.75	7.25 8.75	9.75 8.75

- (a) When equipped with Sure-Grip Differential, use Chrysler Sure-Grip Differential Lubricants as defined by MIL L-2105B (Part No. 2585318). No oil change required in normal service, except to provide correct viscosity grade for temperatures as described above. Factory fill oil is satisfactory to -30°F.

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DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-12-67 REVISED (a) 3-4-68

MODEL	WL, WH, XP 6-Cyl	WL, WH, WP, XP Exc Super Bee	WS, XS Super Bee	All Station Wagons
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DRIVE UNITS — WHEELS

Type & material		Disc, steel	
Rim (size & flange type)	Std.	5.0 J (a)	5.5 JK
	Opt.	5.5 JK	6.0 JK
		6.0 JK	
Attachment	Type (bolt or stud)	Stud	
	Circle diameter	4.5	
	Number and size	Five, 1/2-20 NF	

MODEL

DRIVE UNITS — TIRES

Standard	Size, ply rating, & ply	7.35-14, 4-2 (b)	F70-14, 4-2	8.25-14, 4-2
	Type (bias, radial, etc.)	Bias		
	Full rated Inflation Press.	Front	30	24
		Rear	30	32
	Rev./Mile at 50 MPH	800 (c)	783	763
Optional	Size, ply rating, & ply	7.35-14, 4-4	7.75 - 14, 4-2 8.25 - 14, 4-2 F70-15, 4-2	8.25-14, 4-4
		7.75-14, 4-2		8.55-14, 4-2
		7.75-14, 4-4		8.15-15, 4-4
		8.25-14, 4-2		
		8.25-14, 4-4		
		8.15-15, 4-4		
		F 70-14, 4-2		

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)	--	

- (a) 5.5 JK Std. on XP
 (b) Convertible W/318 CID and AC 7.75-14, 4-2
 (c) Convertible W/318 CID and AC 774

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MAKE OF CAR DODGE CORONET AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-12-67 REVISED ^(*) 3-4-68

MODEL	Drum Brakes			Disc Brakes
	Six Exc 45, 46	Exc WS & WP & Super Bee	Std WS & WP & Super Bee	All

BRAKES – SERVICE (a)

Type (drum or disc)			Drum			Disc			
Self adjusting (std., opt., N.A.)			Std						
Power brake make & type (remote, int., etc.)		Std.	--			Tandem			
		Opt.	Integral			--			
Effective area (sq. in.)*			165.9	195.2	234.1	131.6			
Gross lining area (sq. in.)**			165.9	195.2	234.1	131.6			
Swept area (sq. in.)***			267.0	314.2	380.1	387.8			
Percent brake effectiveness – front			60						
Drum or Disc	Diameter (nominal)	Front	10		11	11.04 x 6.96			
		Rear	10		11	10			
	Type and material		Centrifuse or cast composite			Cast iron			
	Disc (vented or solid)		--			Vented			
	No. pistons per caliper		--			Four			
Wheel cylinder bore	Front		1.125			2.0			
	Rear		0.9375						
Master Cylinder	Bore		1.00			1.125			
	displacement distribution	Front	%						
		Rear	%						
Disc Brk. Valve	Type (proportion, delay, metering, other)								
Pedal arc ratio									
Line pressure at 100 lb. pedal load			800			1100			
Shoe clearance adjustment			No major adjustment						
Brake lining	Drum or Disc		Drum						
	Bonded or riveted		Bonded						
	Front Wheel	Material		Molded asbestos					
		Size (length x width x thickness)	Prim. or out-board	8.46 x 2.5 x .19	8.46 x 2.5 x .19	9.31 x 3.00 x .19	--		
				11.06 x 2.5 x .24	11.06 x 2.5 x .24	11.97 x 3.00 x .24	--		
		Second. or in-board	11.06 x 2.5 x .24	11.06 x 2.5 x .24	11.97 x 3.00 x .24	--			
						Segments per shoe		One	
	Material					Molded asbestos			
	Rear Wheel	Size (length x width x thickness)	Prim. or out-board	8.46 x 1.75 x .19	8.46 x 2.5 x .19	9.31 x 2.5 x .19	8.47 x 2.5 x .19		
				11.06 x 1.75 x .24	11.06 x 2.5 x .24	11.97 x 2.5 x .24	11.06 x 2.5 x .24		
Second. or in-board		11.06 x 2.5 x .24	11.06 x 2.5 x .24	11.97 x 2.5 x .24	11.06 x 2.5 x .24				
	Segments per shoe				One				

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

*** Total swept area for four brakes. (Widest lining contact width for each brake x its contact circumference.)

- (a) Inspect all brake linings for wear every 12,000 miles. Check master cylinder fluid level twice each year. Use only fluid conforming to SAE 70 R 3 or Chrysler Hi-Temp Brake Fluid.

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DODGE CORONET
MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 6-6-67 REVISED (*)

All Models

MODEL

STEERING

Manual (std., opt., NA)				Std
Power (std., opt., NA)				Opt
Adjustable steering wheel (tilt, swing, other)		Type and description	NA	
		(std., opt., NA)	NA	
Wheel diameter		Manual	16.0	
		Power	16.0	
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	43.8	
		Curb to curb (l. & r.)	40.9	
	Inside rear	Wall to wall (l. & r.)	24.2; station wagon: 24.0	
		Curb to curb (l. & r.)	24.9; station wagon: 24.8	
Outside whl. angle with inside whl. at 20°				18.1°
Manual (a)	Gear	Type	Recirculating ball	
		Make	Chrysler	
		Ratios	Gear	24.0 to 1
			Overall	28.8 to 1
	No. wheel turns		5.3	
Power (b)	Type (coaxial, linkage, etc.)		Integral	
	Make		Chrysler	
	Gear	Type	Recirculating ball	
		Ratios	Gear	15.7 to 1
			Overall	18.8 to 1
	Pump driven by		Belt from crankshaft pulley	
	Number wheel turns		3.5	
Linkage (c)	Type		Parallelogram, trailing, 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	
	Inclination at camber (deg.)		7.5 @ 0	
Steering Axis	Bearings (type)	Upper	Ball joint	
		Lower	Ball joint	
		Thrust	Oil-impregnated metal	
		Whl. Align. (range at curb wt. & preferred)		Manual strg: -0.5° ±0.5°; Power strg: +0.75° ±0.5° Left: +0.5° ±0.5°; Right: +0.25° ±0.25°
Toe-in (outside track inches)		3/32 to 5/32, 1/8 preferred		
Steering spindle & joint type				Ball joint
Wheel Spindle	Diameter	Inner bearing	1.2494	
		Outer bearing	0.7494	
	Thread size		3/4-16 UNF-3A	
	Bearing type		Roller	

- (a) Check lubricant level in steering gear twice a year. If necessary, replenish with Multipurpose Gear Oil, SAE 90 to cover worm completely.
- (b) Check reservoir fluid level twice a year. Replenish to bottom of filler neck (cold) with power steering fluid part no. 2084329.
- (c) Inspect tie rod ends and ball joints twice a year. Lubricate every 36,000 miles with long-life chassis grease part no. 2525035.

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DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 7-10-67 REVISED (a) 3-4-68

MODEL	Exc 45, 46				45, 46
	Six	V-8			All
	Exc XP	WL, WH	WP, XP &	WS, XS	
			Super Bee		

SUSPENSION – GENERAL

(See Supplement page for details on Air Suspension)

Provision for car leveling		Manual adjustment at torsion bar anchor bolt
Provision for brake dip control		By inclined upper control arms & asymmetrical rear springs
Provision for acc. squat control		Asymmetrical rear springs
Special provisions for car jacking		None
Shock absorber front & rear	Type	Direct
	Make	Own
	Piston dia.	1.0 inch
Other special features		None

SUSPENSION – FRONT (a)

Type and description		Independent, lateral, nonparallel control arms with torsion bars				
Spring	Type	Torsion bar				
	Material	Chromium alloy steel				
	Size (coil design height & I.D. bar length x dia.)	41 x 0.86	41 x 0.88	41 x 0.90	41 x 0.92	41 x 0.86
	Spring rate (lb. per in.)	NA				
	Rate at wheel (lb. per in.)	95	102	111	118	95
Stabilizer	Type (link, linkless, frameless)	Link type standard Charger and other models with 426 and 440 CID engines				
	Material & bar diameter	0.94"				

SUSPENSION – REAR (b)

Type and description		Parallel, longitudinal leaf				
Drive and torque taken through		Rear springs				
Spring	Type	Semielliptic, asymmetrical				
	Material	Chromium alloy steel				
	Size (length x width, coil design height & I.D., bar length & dia.)	58" x 2-1/2				
	Spring rate (lb. per in.)	90	113	130	113	
	Rate at wheel (lb. per in.)	110	138	150	140	
	Mounting insulation type	Rubber				
	If leaf	No. of leaves	4.5	6 (c)	5.5	
Stabilizer	Shackle (comp. or tens.)	Compression				
	Type (link, linkless, frameless)	None				
Material		--				
Track bar type		None				

- (a) Inspect front suspension ball joints twice a year. Replace damaged joints or seals. Lubricate every 3 years or 36,000 miles. Multimileage Lubricant part number 2525035 is recommended.
- (b) Do not lubricate rear spring, spring eye or shackle bushings, or shock absorber bushings. Lubricants cause deterioration of bushings.
- (c) Right side: 5 plus 2 half leaves.

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MAKE OF CAR	AND CHARGER
MODEL YEAR	1968
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FRAME

Type and description (Separate frame, unitized frame, partially - unitized frame)	Unitized
---	----------

BODY – MISCELLANEOUS INFORMATION

Drs. hinged (front, rr.)	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 Ident. No. location		Left end instrument panel					
Engine No. location		Not applicable					
Theft protection - type		Pin tumbler key locks on ignition switch, doors, luggage compartment					
Vent window control method (crank, friction pivot)	Front	Friction pivot					
	Rear	Swing-out (coupe); None (all other)					
Seat cushion type	Front	FW	ZZ	FW			
	Rear		FW				
	3rd seat		--				ZZ
Seat back type	Front	C	ZZ	FW			
	Rear	FW	C	FW		C	
	3rd seat		--				C
Windshield glass type (i.e., single curved - laminated plate)		Single curved laminated plate					
Side glass type (i.e., curved - tempered plate)		Curved heat treated safety sheet					
Backlight glass type (i.e., compound curved - tempered plate, three piece)		Single curved heat treated safety sheet					
Windshield glass exposed surface area		1146	1264	1146	1317		
Side glass exposed surface area	1287	1067	1215	1067	1333	2493	
Backlight glass exposed surface area		1158	629	812	1044	725	
Total glass exposed surface area	3591	3371	3108	3025	3694	4535	

FW: Formed wire
ZZ: Zigzag
C: Coil

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DODGE CORONET

MAKE OF CAR AND CHARGER MODEL YEAR 1968 DATE ISSUED 7-20-67 REVISED (a) 3-4-68

MODEL	WL	WH	WP	WS	XP, XS
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CONVENIENCE EQUIPMENT

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

Power windows	Side windows	NA	Opt
	Vent windows	NA	
	Backlight or tailgate	Opt	Opt-45, Std-46 --
Power seats (specify type as well as availability)		NA	
Reclining front seat back (R-L or both)		NA	
Front seat head restrainer (R-L or both)		Opt	
Radios (specify type as well as availability)		Opt: AM	
Rear seat speaker		Opt (except convertibles and station wagons)	
Power antenna		NA	
Clock		Opt (NA with tachometer)	Std
Air conditioner (specify type and availability)		Opt: available on all automatic transmission cars and 4-speed manual transmission cars with 383-cubic inch V-8, 4-bbl	
Speed warning device		See below	
Speed control device		Opt (NA with manual transmission, six-cyl engines & 426-cu in. V-8)	
Ignition lock lamp		Opt	
Dome lamp		Std	
Glove compartment lamp		Opt	
Luggage compartment lamp		Opt (except station wagons)	
Underhood lamp		Opt: dealer-installed	
Courtesy lamp and map		Opt (std in all convertibles)	
Map lamp		See above	
Auto. trans. quad. lamp		Std with automatic transmission	
Cornering light lamp		NA	
Shoulder belt		Std: front seat, Opt: rear seat	
Rear window defogger		Opt	
Tachometer		Opt (8-cyl cars only)	
Tail Gate window washer		Opt	--

LAMP HEIGHT AND SPACING

Height above ground to center of bulb or marker	Headlamp	Highest *	
		Lowest	
	Tail	Highest	
		Lowest	
	Sidemarker	Front	
		Rear	
Distance from C/L of car to center of bulb	Headlamp	Inside	
		Outside *	
	Tail	Inside	
		Outside	
	Directional	Front	
		Rear	

* If single headlamps are used enter here.

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DODGE CORONET
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WEIGHTS

V-8 MODELS		CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT	
		Front	Rear	Total	Pass. In Front		Pass. In Rear			
					Front	Rear	Front	Rear		
Model	Coronet									
2-Door Coupe		1785	1505	3290	49.4	50.6	22.3	77.7	3135	
4-Door Sedan		1790	1535	3325	49.4	50.6	20.2	79.8	3165	
Station Wagon, 2-Seat		1730	2040	3770	49.4	50.6	20.2	79.8	3620	
Coronet 440										
2-Door Coupe		1790	1535	3325	49.4	50.6	22.3	77.7	3170	
2-Door Hardtop		1785	1530	3315	49.4	50.6	22.3	77.7	3155	
4-Door Sedan		1785	1550	3335	49.4	50.6	20.2	79.8	3180	
Station Wagon, 2-Seat		1720	2055	3775	49.4	50.6	20.2	79.8	3620	
Station Wagon, 3-Seat		1715	2125	3840	49.4	50.6	20.2	79.8	3690	
Coronet 500										
2-Door Hardtop		1775	1535	3310	49.7	50.3	22.3	77.7	3155	
Convertible Coupe		1795	1645	3340	49.4	50.6	21.9	78.1	3285	
4-Door Sedan		1800	1560	3360	49.7	50.3	20.2	79.8	3205	
Station Wagon, 2-Seat		1720	2060	3780	49.4	50.6	20.2	79.8	3630	
Station Wagon, 3-Seat		1715	2135	3850	49.4	50.6	20.2	79.8	3700	
Charger										
Special 2-Door Hardtop		1850	1565	3415	49.7	50.3	22.3	77.7	3255	
R/T*										
2-Door Hardtop		1990	1620	3610	49.7	50.3	22.3	77.7	3455	
Convertible		2005	1730	3735	49.7	50.3	21.9	78.1	3580	
Charger		2025	1650	3675	49.7	50.3	22.3	77.7	3520	
Accessories & Equipment Differential Weights				Remarks						
Air Conditioning		+120	- 3	+117	All except 383 CID					
Air Conditioning		+124	+ 3	+127	383 CID					
318 CID		+ 1	+34	+ 35	Vs. 273 CID with automatic transmission					
383 CID 2-V		+141	- 1	+140	Vs. 318 CID with automatic transmission					
383 CID 4-V		+161	+18	+179	Vs. 318 CID with automatic transmission					
426 CID 2, 4-V		+116	+38	+154	Vs. 440 CID 4-V w/auto. trans. R/T					
426 CID 2, 4-V		+ 95	+33	+128	Vs. 440 CID 4-V w/auto. trans. Charger R/T					
Automatic Transmission		- 25	-44	- 69	273 CID except wagons					
Automatic Transmission		- 24	-14	- 38	318 CID - Charger and Coronet 500					
4-Speed Manual Trans.		+ 39	+ 8	+ 47	383 CID					
		+ 38	+60	+ 98	426 CID					
		+ 49	+64	+113	440 CID					
Power Steering		+ 41	- 2	+ 39						
Power Brakes		+ 7	+ 1	+ 8						
Power Windows		+ 8	+ 9	+ 17						
Radio		+ 5	+ 2	+ 7						
Roof Luggage Rack		+ 7	+15	+ 22	Station wagon only					
Undercoat - Full		+ 26	+25	+ 51	All except wagon					
Undercoat - Full		+ 23	+13	+ 36	Station wagon					
Auto. Trans. Sta. Wagons		- 24	-12	- 36	273 CID					

*Weights include standard automatic transmission

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DODGE CORONET

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WEIGHTS

V-8 MODELS Model	CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<u>Coronet</u>								
2-Door Coupe	1785	1505	3290	49.4	50.6	22.3	77.7	3135
4-Door Sedan	1790	1535	3325	49.4	50.6	20.2	79.8	3165
Station Wagon, 2-Seat	1730	2040	3770	49.4	50.6	20.2	79.8	3620
<u>Coronet 440</u>								
2-Door Coupe	1790	1535	3325	49.4	50.6	22.3	77.7	3170
2-Door Hardtop	1785	1530	3315	49.4	50.6	22.3	77.7	3155
4-Door Sedan	1785	1550	3335	49.4	50.6	20.2	79.8	3180
Station Wagon, 2-Seat	1720	2055	3775	49.4	50.6	20.2	79.8	3620
Station Wagon, 3-Seat	1715	2125	3840	49.4	50.6	20.2	79.8	3690
<u>Coronet 500</u>								
2-Door Hardtop	1775	1535	3310	49.7	50.3	22.3	77.7	3155
Convertible Coupe	1795	1645	3340	49.4	50.6	21.9	78.1	3285
4-Door Sedan	1800	1560	3360	49.7	50.3	20.2	79.8	3205
Station Wagon, 2-Seat	1720	2060	3780	49.4	50.6	20.2	79.8	3630
Station Wagon, 3-Seat	1715	2135	3850	49.4	50.6	20.2	79.8	3700
<u>Charger</u>								
Special 2-Door Hardtop	1850	1565	3415	49.7	50.3	22.3	77.7	3255
<u>R/T*</u>								
2-Door Hardtop	1990	1620	3610	49.7	50.3	22.3	77.7	3455
Convertible	2005	1730	3735	49.7	50.3	21.9	78.1	3580
Charger	2025	1650	3675	49.7	50.3	22.3	77.7	3520
Accessories & Equipment Differential Weights				Remarks				
Air Conditioning	+120	- 3	+117	All except 383 CID				
Air Conditioning	+124	+ 3	+127	383 CID				
318 CID	+ 1	+34	+ 35	Vs. 273 CID with automatic transmission				
383 CID 2-V	+141	- 1	+140	Vs. 318 CID with automatic transmission				
383 CID 4-V	+161	+18	+179	Vs. 318 CID with automatic transmission				
426 CID 2, 4-V	+116	+38	+154	Vs. 440 CID 4-V w/auto. trans. R/T				
426 CID 2, 4-V	+ 95	+33	+128	Vs. 440 CID 4-V w/auto. trans. Charger R/T				
Automatic Transmission	- 25	-44	- 69	273 CID except wagons				
Automatic Transmission	- 24	-14	- 38	318 CID - Charger and Coronet 500				
4-Speed Manual Trans.	+ 39	+ 8	+ 47	383 CID				
	+ 38	+60	+ 98	426 CID				
	+ 49	+64	+113	440 CID				
Power Steering	+ 41	- 2	+ 39					
Power Brakes	+ 7	+ 1	+ 8					
Power Windows	+ 8	+ 9	+ 17					
Radio	+ 5	+ 2	+ 7					
Roof Luggage Rack	+ 7	+15	+ 22	Station wagon only				
Undercoat - Full	+ 26	+25	+ 51	All except wagon				
Undercoat - Full	+ 23	+13	+ 36	Station wagon				
Auto. Trans. Sta. Wagons	- 24	-12	- 36	273 CID				

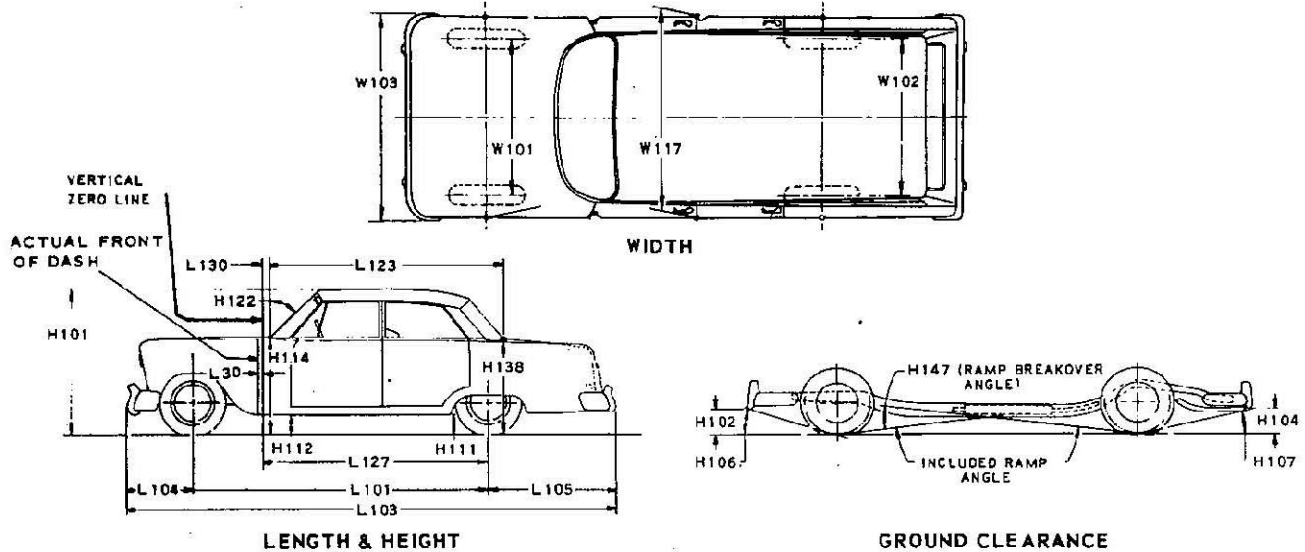
*Weights include standard automatic transmission

AMA Specifications—Passenger Car

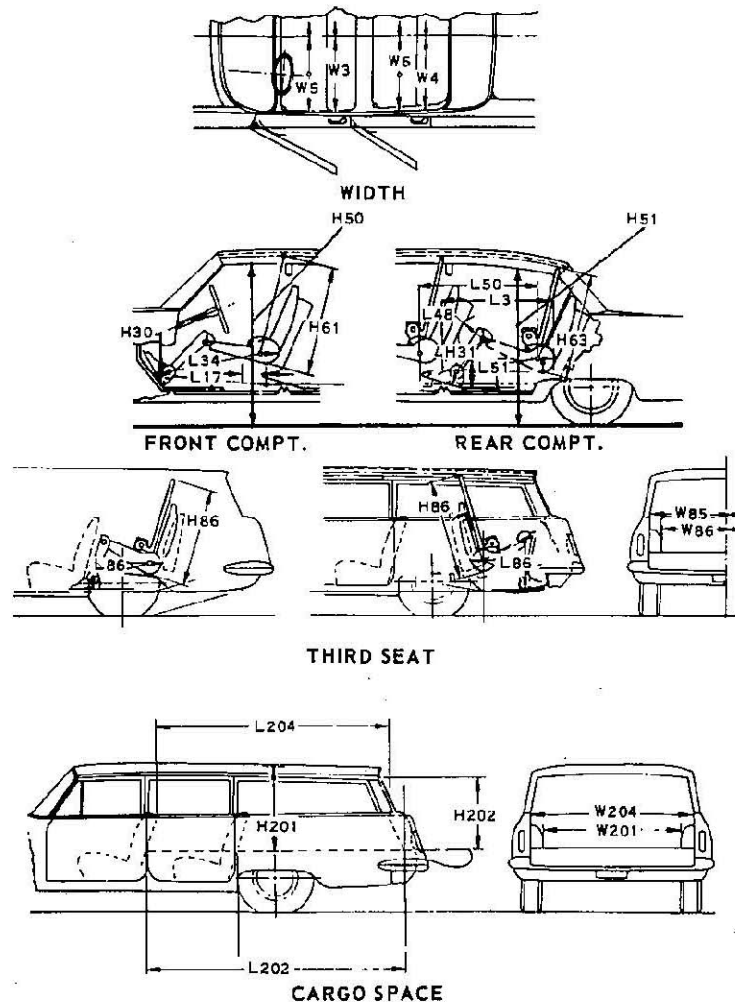
CAR AND BODY DIMENSIONS

KEY SHEET

EXTERIOR CAR AND BODY DIMENSIONS



INTERIOR CAR AND BODY DIMENSIONS

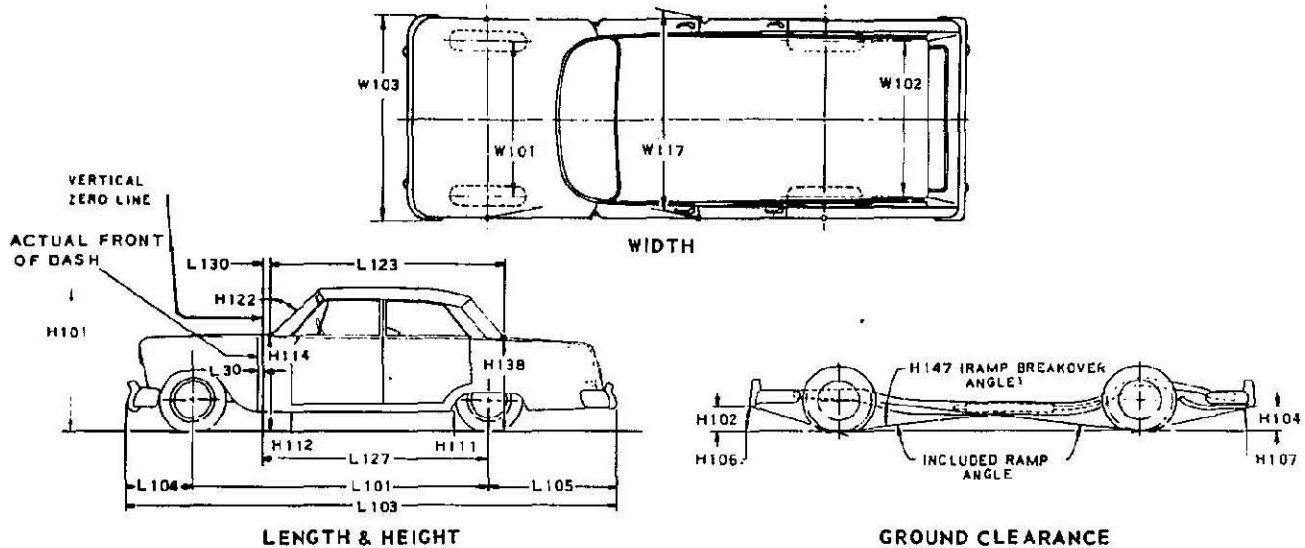


AMA Specifications—Passenger Car

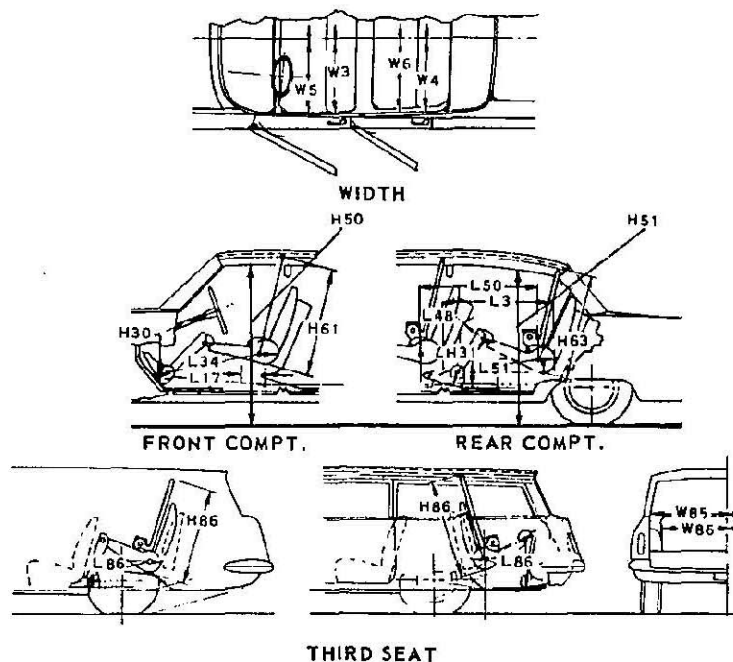
CAR AND BODY DIMENSIONS

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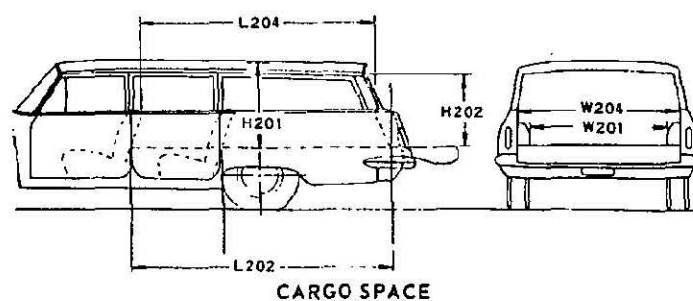
EXTERIOR CAR AND BODY DIMENSIONS



INTERIOR CAR AND BODY DIMENSIONS



THIRD SEAT



CARGO SPACE

AMA Specifications—Passenger Car

CAR AND BODY DIMENSIONS

KEY SHEET

DIMENSION DEFINITIONS

EXTERIOR WIDTH DIMENSIONS

- W101 WHEEL TREAD - FRONT. Measured at centerline of tires, with nominal camber, at ground.
 W102 WHEEL TREAD - REAR. Measured at centerline of tires at ground.
 W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
 W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

EXTERIOR LENGTH DIMENSIONS

- L 30 VERTICAL 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.
 L101 WHEELBASE.
 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 Cowl Point to the Deck Point.
 L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
 L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

EXTERIOR HEIGHT DIMENSIONS

- H101 OVERALL HEIGHT - DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.
 H114 COWL POINT TO GROUND. Measured at vehicle centerline.
 H138 DECK POINT TO GROUND. Measured at vehicle centerline.
 H112 ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
 H111 ROCKER PANEL TO GROUND - REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
 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.

GROUND CLEARANCE DIMENSIONS

- H102 BUMPER TO GROUND - FRONT. Minimum dimension, includes bumper guards.
 H104 BUMPER TO GROUND - REAR. Minimum dimension, includes bumper guards.
 H106 ANGLE OF APPROACH. The angle between 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 component, excluding license plate. This dimension may be determined graphically for reporting purposes.
 H107 ANGLE OF DEPARTURE. The angle between 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 component, excluding license plate. This dimension may be determined graphically for reporting purposes.
 H147 RAMP BREAKOVER ANGLE. The 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. This dimension may be determined by calculation (see Design Standard DD 0.00-108) or graphically for reporting purposes.
 H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

FRONT COMPARTMENT DIMENSIONS

- H 61 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.
 L 34 MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
 H 30 H POINT TO HEEL POINT - FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
 L 17 H POINT-TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

FRONT COMPARTMENT DIMENSIONS (Cont.)

- W 3 SHOULDER ROOM - FRONT. The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.
 W 5 HIP ROOM - FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.
 H 50 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.

REAR COMPARTMENT DIMENSIONS

- L 50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
 H 63 EFFECTIVE HEAD ROOM - REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
 L 51 MINIMUM EFFECTIVE LEG ROOM - REAR. Measured along a diagonal line from the ankle pivot center to the H Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.
 H 31 H POINT TO HEEL POINT - REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
 L 48 MINIMUM KNEE ROOM - REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.
 L 3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
 W 4 SHOULDER ROOM - REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.
 W 6 HIP ROOM - REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.
 H 51 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.

LUGGAGE COMPARTMENT DIMENSIONS

- V 1 LUGGAGE CAPACITY - USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place, determined in accordance with the Passenger Car Luggage Space Standard, DD 0.00-105.
 H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

STATION WAGON - THIRD SEAT DIMENSIONS

- W 85 SHOULDER ROOM - THIRD SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.
 W 86 HIP ROOM - THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.
 L 86 EFFECTIVE LEG ROOM - THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
 H 86 EFFECTIVE HEAD ROOM - THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.

STATION WAGON - CARGO SPACE DIMENSIONS

- L202 CARGO LENGTH AT FLOOR - FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
 L204 CARGO LENGTH AT BELT - FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
 W201 CARGO WIDTH - WHEELHOUSE. The minimum horizontal dimension, measured between wheelhouseings at floor level.
 W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
 H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
 H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail and liftgates fully open.
 V 2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

W4xL204xH201
-1728

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