

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	1970	ISSUED: 8-22-69 REVISED (●) 2-24-70

NOTES:

1. The General 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, style names; use manufacturer's code for series & body style.						
		2-Door Coupe	2-Door Hardtop	2-Door Conv Coupe	2-Door Special Hardtop	4-Door Sedan	2-Seat Station Wagon	3-Seat Station Wagon
		21	23	27	29	41	45	46
Coronet Deluxe	Six	WL21				WL41	WL45	
	V-8							
Super Bee	V-8	WM21	WM23					
Coronet 440	Six	WH21	WH23			WH41	WH45	WH46
	V-8							
Coronet 500	V-8		WP23	WP27		WP41	WP45	WP46
Coronet R/T	V-8		WS23	WS27				
Charger	Six				WH29			
	V-8							
Charger 500	Six				WP29			
	V-8							
Charger R/ T	V-8				WS29			

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MAKE OF CAR DODGE CORONET MODEL YEAR 1970 DATE ISSUED 8-22-69 REVISED (e) 2-24-70

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. Dimensions are to be shown for:

4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T., Convertible and Station Wagon.

MODEL	SAE Ref. No.	CORONET					
		21	23	27	41	45	46

WIDTH

Dimension	SAE Ref. No.	21	23	27	41	45	46	
Track - Front	W101	59.7						
Track - Rear	W102	58.7 (a)				59.2		
Maximum overall car width	W103	76.7						
Body width at No. 2 pillar	W117	73.4			73.3			

LENGTH

Dimension	SAE Ref. No.	21	23	27	41	45	46	
Body "O" to front of dash	L 30	2.0						
Wheelbase	L101	117						
Overall car length	L103	209.2			211.7			
Overhang - front	L104	37.4						
Overhang - rear	L105	54.8			57.3			
Body upper structure length	L123	103.9		98.6	104.3	--		
Body "O" line to C of rear wheel	L127	100.0						
Body "O" line to w/s cowl point	L130	10.3						

HEIGHT

Dimension	SAE Ref. No.	21	23	27	41	45	46	
Passenger Distribution (front & rear)		2-front, 3-rear						
Trunk/Cargo load (lbs.)							150	
Overall height	H101	53.0		54.1	54.7	56.4		
Cowl height	H114	37.3 (b)					37.9	
Deck height	H138	36.2 (c)		36.6	36.1	37.7		
Rocker panel - front	H112	7.8 (d)					8.6	
		From front wheel C					30.3	
Rocker panel - rear	H111	7.3 (e)					8.6	
		From rear wheel C					18.8	
Windshield slope angle	H122	52° 30'						

GROUND CLEARANCE

Dimension	SAE Ref. No.	21	23	27	41	45	46	
Bumper to ground - front	H102	6 cyl: 12.2; V-8: 12.4(f)					12.7	
Bumper to ground - rear	H104	6 cyl: 13.4; V-8: 13.2(g)					14.4	
Angle of approach	H106	6 cyl: 19.0; V-8: 19.4(h)					20.0	
Angle of departure	H107	6 cyl: 14.0; V-8: 13.8(j)					14.4	
Ramp breakover angle	H147	6 cyl: 12.4; V-8: 12.6(k)					14.2	
Min. running clearance (Specify) (l)	H156	6 cyl: 7.6; V-8: 7.1						

(a) With V-8 engine: 59.2

(b) Super Bee, Coronet R/ T: 37.5

(c) Super Bee: 36.5

(d) Super Bee, Coronet R/ T: 8.0

(e) Super Bee, Coronet R/ T: 7.5

(f) Super Bee, Coronet R/ T: 12.5

(g) Super Bee, Coronet R/ T: 13.6

(h) Super Bee, Coronet R/ T: 19.5

(j) Super Bee, Coronet R/ T: 14.2

(k) Super Bee, Coronet R/ T: 13.0

(l) Muffler

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MAKE OF CAR CARDODGE CHARGER MODEL YEAR 1970 DATE ISSUED 8-22-69 REVISED (*) 2-24-70

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. Dimensions are to be shown for:

4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T., Convertible and Station Wagon.

MODEL	SAE Ref. No.	CHARGER		
		Six	V-8	R/T

WIDTH

	SAE Ref. No.	
Track - Front	W101	59.7
Track - Rear	W102	59.2
Maximum overall car width	W103	76.6
Body width at No. 2 pillar	W117	73.4

LENGTH

	SAE Ref. No.	
Body "O" to front of dash	L 30	2.0
Wheelbase	L101	117
Overall car length	L103	208.0
Overhang - front	L104	38.9
Overhang - rear	L105	52.1
Body upper structure length	L123	97.1
Body "O" line to ϕ of rear wheel	L127	100
Body "O" line to w/s cowl point	L130	10.3

HEIGHT

		2-front, 3-rear
Passenger Distribution (front&rear)		none
Trunk/Cargo load (lbs.)		none
Overall height	H101	53.0(a)
Cowl height	H114	37.3
Deck height	H138	37.0(b)
Rocker panel - front	To ground	7.7(c)
	From front wheel ϕ	30.3
Rocker panel - rear	To ground	6.8
	From rear wheel ϕ	18.8
Windshield slope angle	H122	52° 30'

GROUND CLEARANCE

	SAE Ref. No.			
Bumper to ground - front	H102	12.7	12.6	12.7
Bumper to ground - rear	H104	18.2	17.8	18.2
Angle of approach	H106	19.0	18.9	19.0
Angle of departure	H107	19.8	19.4	19.9
Romp breakover angle	H147	12.6	12.2	12.6
Min. running clearance (Specify) (d)	H156	5.2	4.9	5.2

(a) With 318 CID: 52.7

(b) With 318 CID: 36.7

(c) With 318 CID: 7.6

With 440 CID: 7.8

(d) Muffler

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DODGE
 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-22-69 REVISED (●) 2-24-70

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	29	41	45	46
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FRONT COMPARTMENT

Effective head room	H61	37.3	39.3	38.6	37.4	39.4	●
Max. eff. leg room – accelerator	L34	41.8	41.9	41.8	41.9	●	
H Point to Heel point	H30	8.1	8.6	8.1	8.6	●	
H Point travel	L17	4.5				●	
Shoulder room	W 3	58.0	56.6	58.0		●	
Hip room	W 5	60.6	60.4			●	
Upper body opening to ground	H50	48.8	50.2	50.3	48.8	50.8	●

REAR COMPARTMENT

H Point couple distance	L50	31.5	32.0	34.0	31.5	34.0	●
Effective head room	H63	36.7	37.2	37.4	36.4	39.3	●
Min. effective leg room	L51	33.4	34.0	36.4	33.4	36.4	●
H Point to Heel point	H31	9.9	11.0	9.9	11.0	●	
Min. knee room	L48	2.0	2.4	3.6	2.0	3.6	●
Rear Compartment room	L 3	25.7	25.4	27.6	25.7	27.4	●
Shoulder room	W 4	57.3	50.4	57.5	55.9	57.5	●
Hip room	W 6	60.0	48.6	60.4	60.0	60.4	●
Upper body opening to ground	H51	--	50.1	--	50.6	●	

LUGGAGE COMPARTMENT

Usable luggage capacity	V 1	--	14.1	--	12.5	15.7	--	●
Liftover height	H195	31.6(a)(b)	31.4	30.9(c)	31.5(a)	25.5	●	
Position of spare tire storage		Floor				Well		
Method of holding lid open		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 – Wheelhouse	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.) W8 x L202 x H201 1928	V2	84.9

(a) V-8: 31.4

(b) Super Bee, Coronet R/ T: 31.8

(c) Charger 500: 30.5

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MAKE OF CAR DODGE CHARGER MODEL YEAR 1970 DATE ISSUED 8-22-69 REVISED (a) 2-24-70

POWER TEAMS

(Indicate whether standard or optional)

MODEL AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO (a) (Std. first) (Indicate A/C ratio)
	Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM		
6-C yl Std H & P	225	1, 1-V	8.4	145 @	215 @	Manual 3-Speed	3.23, 3.55*
				4000	2400	Automatic	2.93*, 2.94, 3.23, 3.55*
Std H & P	318	1, 2-V	8.8	230 @	320 @	Manual 3-Speed	2.94, 3.21, 3.55*
				4400	2000	Automatic	2.71*, 2.94, 3.23, 3.55*
Opt H & P	383	1, 2-V	8.7	290 @	390 @	Automatic	2.45*, 2.76, 2.94*, 3.23
V-8 Opt H & P	383	1, 4-V	9.5	335 @	425 @	Manual 3-Speed	3.23, 3.55**, 3.91**
						4-Speed	3.23, 3.55**, 3.91**
						Automatic	3.23, 3.55**, 3.91**
Opt S	426	2, 4-V	10.2	425 @	490 @	Manual 4-Speed	3.54**, 4.10**
				5000	4000	Automatic	3.23, 3.55**, 4.10**
Std S	440	1, 4-V	9.7	375 @	480 @	Manual 4-Speed	3.54**, 4.10**
				4600	3200	Automatic	3.23, 3.55**, 4.10**
Opt S	440	3, 2-V	10.5	390 @	490 @	Manual 4-Speed	3.54**, 4.10**
				4700	3200	Automatic	3.23, 3.55**, 4.10**

(a) Sure-Grip available with all ratios except as noted. Axle ratios do not change when A/C is installed.

* Sure-Grip NA

** Sure-Grip only

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DODGE

 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (a)

See Page 3 for Engine Usage

	225 CID	318 CID	383 CID	
MODEL			I, 2-V	I, 4-V

ENGINE – GENERAL

Type, no. cyls., valve arr.	Six, in-line, OHV		90° V-8, OHV	
Bore and stroke (nominal)	3.4 x 4.12	3.91 x 3.31	4.25 x 3.38	
Piston displacement, cu. in.	225	318	383	
Bore spacing (C to C)	(a)	4.46	4.8	
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	
Compress. ratio (nominal)	8.4:1	8.8:1	8.7:1	9.5:1
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	(b)			
Taxable horsepower	27.7	48.9	57.8	
Di ² × No. Cyl. 2.5				
Publishing max. bhp* @ eng. RPM	145 @ 4000	230 @ 4400	290 @ 4400	330 @ 5000
Publishing max. torque* (lb. ft. @ RPM)	215 @ 2400	320 @ 2000	390 @ 2800	425 @ 3200
Recommended fuel 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	20.9	27.2	
Clearance (limits)	Top land	0.024 min.	0.018 min.	0.022 min.
	Skirt	Top	0.0005 to 0.0015	
		Bottom	-0.0005 to +0.0015	
Ring groove depth	No. 1 ring	0.179	0.205	0.220
	No. 2 ring	0.179	0.205	0.220
	No. 3 ring	0.181	0.193	0.228
	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); 4.0 (2-3, 4-5)

(b) Lateral: 0° 06' inclined rear to front: 2° 30' to 3°

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DODGE

MAKE OF CAR CORONET/CHARGER **MODEL YEAR** 1970 **DATE ISSUED** 8-19-69 **REVISED** (*)

See Page 3 for Engine Usage

MODEL	383 CID Hi-Perf.	426 CID Hemi	440 CID
			Hi-Perf 3, 2-V

ENGINE – GENERAL

Type, no. cyls., valve arr.		90° V-8, OHV			
Bore and stroke (nominal)		4.25 x 3.38	4.25 x 3.75	4.32 x 3.75	
Piston displacement, cu. in.		383	426	440	
Bore spacing (C to C)		4.8			
No. system (front to rear)	L. Bank	1-3-5-7			
	R. Bank	2-4-6-8			
Firing order		1-8-4-3-6-5-7-2			
Compress. ratio (nominal)		9.5:1	10.2:1	9.7:1	10.5:1
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° 06' inclined rear to front: 2° 30' to 3°			
Taxable horsepower	Dia 2xNo. Cyl.	57.8		59.7	
2.5					
Publishing max. bhp* @ eng. RPM	335 @ 5200	425 @ 5000	375 @ 4600	390 @ 4700	
Publishing max. torque* (lb. ft. @ RPM)	425 @ 3400	490 @ 4000	480 @ 3200	490 @ 3200	
Recommended fuel regular – premium		Premium			

ENGINE – PISTONS

Material		Aluminum alloy			
Description and finish		(a)	Forged, elliptically turned, tin-plated	(a)	
Weight (piston only) oz.		27.2	29.7	30.2	
Clearance (limits)	Top land	0.022 min.			
	Skirt	Top	0.00025 to 0.00125		
		Bottom	-0.00125 to +0.00125		
Ring groove depth	No. 1 ring	0.220	0.215	0.224	
	No. 2 ring	0.220	0.215	0.224	
	No. 3 ring	0.228	0.191	0.193	
	No. 4 ring	--			

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

(a) Closed slipper-type, steel strut, elliptically turned, tin-plated.

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DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (a)

MODEL	See Page 3 for Engine Usage			
	225 CID	318 CID	383 CID	
			1, 2-V	1, 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 -	#1	Cast iron, twist and taper, tin-plated	Cast iron, reverse twist and taper, tin-plated
	material, coating, etc.	#2	Cast iron, reverse twist and taper, lubrite-coated	
	Width		0.078	
	Gap		0.010 to 0.020	0.013 to 0.023
Oil	Description -	3-piece abutment-type, stainless steel spacer-expander with chrome-plated segments		
	material, coating, etc.			
	Width	0.188		
	Gap	Not applicable		
Expanders		See above		

ENGINE—PISTON PINS

Material		Carbon steel-carburizing grade		
Length		2.965	2.995	3.565
Diameter		0.9008	0.9842	1.0936
Type	Locked in rod, in piston, floating, etc.	Press-fit in rod	Floating	Press-fit in rod
	Bush- ing	In rod or piston	None	Rod
		Material	--	Bronze on steel
Clearance	In piston	0.00045 to 0.00075	0.0000 to 0.0005	0.00045 to 0.00075
	In rod	(a)	0.0001 to 0.0006	0.0007 to 0.0014 interference
Direction & amount offset in piston		Right 0.06		

ENGINE—CONNECTING RODS

Material		Drop-forged steel		
Weight (oz.)		26.8	25.6	28.6
Length (center to center)		6.699	6.123	6.358
Bearing	Material & Type	Lead-base babbitt on steel	Bi-metal grid	Tri-metal
	Overall length	0.985	0.843	0.927
	Clearance (limits)	0.0005 to 0.0025		
	End play	0.006 to 0.012	(b)	0.009 to 0.017 (2 rods)

(a) 0.0007 to 0.0014 interference

(b) 0.006 to 0.014 (2 rods)

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (a)

See Page 3 for Engine Usage

MODEL	383 CID Hi-Perf	426 CID Hemi	440 CID Hi-Perf 3, 2-V
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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 - #1 material, coating, etc.	(a)	(b)	(c)	(b)
	#2	Cast iron, reverse twist and taper, tin-plated			
	Width	0.078			
	Gap	0.013 to 0.023			
Oil	Description - material, coating, etc.	3-piece abutment-type, stainless steel spacer-expander with chrome-plated segments			(d)
	Width	0.188			0.113
	Gap	Not applicable			
	Expanders	See above			

ENGINE – PISTON PINS

Material		Carbon steel-carburizing grade			
Length		3.565	3.400	3.565	3.385
Diameter		1.0936	1.0311	1.0936	
Type	Locked in rod, in piston, floating, etc.	Press-fit in rod	Floating	Press-fit in rod	
	Bush. ing	None	Rod	None	
	Material	--	Bronze on steel	--	
Clearance	In piston	0.00045 to 0.00075	0.0001 to 0.0006	0.00045 to 0.00075	
	In rod	(e)	0.0002 to 0.0007	0.0007 to 0.0014 interference	
Direction & amount offset in piston		Right 0.09			

ENGINE – CONNECTING RODS

Material		Drop-forged steel			
Weight (oz.)		28.6	38.2	29.8	
Length (center to center)		6.358	6.861	6.768	
Bearing	Material & Type	Tri-metal			
	Overall length	0.927			
	Clearance (limits)	0.0007 to 0.0032	0.0010 to 0.0035	0.0007 to 0.0032	
	End play	0.009 to 0.017 (2 rods)			

- (a) Cast iron, reverse twist and radius-faced, tin-plated
 (b) Cast iron, twist and barrel - lap faced, moly-filled
 (c) Cast iron, twist and radius-faced, tin-plated
 (d) 3-piece stainless steel spacer-expander with chrome-plated segments
 (e) 0.0007 to 0.0014 interference

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DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (a)

See Page 3 for Engine Usage

MODEL	225 CID		318 CID		383 CID		
					1, 2-V	1, 4-V	Hi-Perf

ENGINE—CRANKSHAFT

Material	Drop-forged steel	Cast ductile iron	Drop-forged steel		
Vibration damper type	Non-adhesive, rubber, dynamic				
End thrust taken by bearing (No.)	Three				
Crankshaft end play	0.002 to 0.007				
Main bearing	Material & type	Lead-base babbitt on steel, removable, precision			
	Clearance	0.0005 to 0.0025 specified, 0.0005 to 0.0015 desired			
	Journal dia. and bearing overall length	No. 1	2.75 x 1.034	2.5 x 0.872	2.625 x 0.944
		No. 2	2.75 x 1.034	2.5 x 0.872	2.625 x 0.944
		No. 3	2.75 x 1.254	2.5 x 1.151	2.625 x 1.233
		No. 4	2.75 x 1.034	2.5 x 0.872	2.625 x 0.944
		No. 5	--	2.5 x 1.562	2.625 x 0.944
No. 6			--		
No. 7			--		
Dir. & amt. cyl. offset	None				
Crankpin journal diameter	2.187	2.125	2.38		

ENGINE—CAMSHAFT

Location	Right	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	Nylon-coated aluminum		
	Timing chain	No. of links	50	68
		Width	.88	.63
Pitch		.50	.375	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std., opt., NA)	NA	Std
Valve rotator, type (intake, exhaust)	Low-friction lock on exhaust	
Rocker ratio	1.5:1	
Operating tappet clearance (indicate hot or cold)	Intake	0.010 hot
	Exhaust	0.020 hot
		Hydraulic
		Hydraulic

(Continued)

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DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (e)

See Page 3 for Engine Usage

MODEL	426 CID Hemi	440 CID	Hi-Perf
			3, 2-V

ENGINE – CRANKSHAFT

Material		Drop-forged steel		
Vibration damper type		Non-adhesive, rubber, dynamic		
End thrust taken by bearing (No.)		Three		
Crankshaft end play		0.002 to 0.007		
Main bearing	Material & type	(a)	Lead-base babbitt on steel, removable precision. Tin alloy on steel (#3 main only)(b)	
	Clearance	0.0015 to 0.0025	(c)	
	Journal dia. and bearing overall length	No. 1		2.75 x 0.944
		No. 2		2.75 x 0.944
		No. 3		2.75 x 1.223
		No. 4		2.75 x 0.944
		No. 5		2.75 x 0.944
		No. 6		--
No. 7			--	
Dir. & amt. cyl. offset		None		
Crankpin journal diameter		2.38		

ENGINE – CAMSHAFT

Location		Center of "V" above crankshaft		
Material		Hardenable cast iron, oil pump and distributor drive gear cast integrally		
Bearings	Material	Copper lead on steel	Lead-base babbitt on steel	
	Number	Five		
Type of Drive	Gear or chain	Double-roller chain	Chain	
	Crankshaft gear or sprocket material	Steel	Malleable cast iron or sintered iron (Super Oilite)	
	Camshaft gear or sprocket material	Cast iron	Nylon-coated aluminum	
	Timing chain	No. of links	66	50
		Width	.75	.75
Pitch		.50	.50	

ENGINE – VALVE SYSTEM

Hydraulic lifters (Std., opt., NA)		Std	
Valve rotator, type (intake, exhaust)		None	Low-friction lock on exhaust
Rocker ratio		1.5:1	
Operating tappet clearance (indicate hot or cold)	Intake	Hydraulic	
	Exhaust	Hydraulic	

(Continued)

- (a) Tri-metal: steel back, copper-lead, intermediate layer of high-lead overplate
 (b) 440 CID, 3, 2-V: all main bearings tin alloy on steel
 (c) 0.0005 to 0.0025 specified; 0.0005 to 0.0015 desired

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (*) 2-24-70

See Page 3 for Engine Usage

MODEL	225 CID		318 CID		383 CID	
					1, 2-V	1, 4-V

ENGINE – VALVE SYSTEM (cont.)

Timing (based on top of comp points)	Intake	Opens (°BTC)	10		18	
		Closes (°ABC)	50		58	
		Duration - deg.	240		256	
	Exhaust	Opens (°BBC)	50	58		
		Closes (°ATC)	6	10		
		Duration - deg.	236	248	260	
Valve opening overlap		16	20	32		
Material		SAE 1041				
Overall length		4.77	4.97	4.86		
Actual overall head dia.		1.62	1.78	2.08		
Angle of seat & face		Seat: 44.5 to 45.0; valve: 45.0 to 45.5				
Seat insert material		None				
Stem diameter		0.372 to 0.373		0.3723 to 0.3730		
Stem to guide clearance		0.001 to 0.003		0.0010 to 0.0027		
Intake	Lift (w zero lash)		0.397	0.372	0.425	
	Outer spring press. & length	Valve closed (lb. @ in.)	63 @ 1.65	92 @ 1.65	125 @ 1.86	105 @ 1.86
		Valve open (lb. @ in.)	156 @ 1.26	189 @ 1.28	200 @ 1.42	234 @ 1.40
	Inner spring press. & length	Valve closed (lb. @ in.)	None			
		Valve open (lb. @ in.)	None			
	Material		21-2N	21-4N	21-2N	
Overall length		4.80	5.00	4.89		
Actual overall head dia.		1.36	1.50	1.74		
Angle of seat & face		Seat: 44.5 to 45.0; valve: 45.0 to 45.5				
Seat insert material		None				
Stem diameter		0.371 to 0.372		Hot end: 0.3713 to 0.3720 (a)		
Stem to guide clearance		0.002 to 0.004		Hot end: 0.0020 to 0.0037 (b)		
Exhaust	Lift (w zero lash)		0.393	0.400	0.437	
	Outer spring press. & length	Valve closed (lb. @ in.)	63 @ 1.65	92 @ 1.65	125 @ 1.86	105 @ 1.86
		Valve open (lb. @ in.)	156 @ 1.26	189 @ 1.25	200 @ 1.42	234 @ 1.40
	Inner spring press. & length	Valve closed (lb. @ in.)	None			
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			

(a) Cold end: 0.3723 to 0.3730
 (b) Cold end: 0.0010 to 0.0027

(Continued)

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (•) 2-24-70

See Page 3 for Engine Usage

MODEL	383 CID	426 CID	440 CID	
	Hi-Perf	Hemi	Hi-Perf	3, 2-V

ENGINE— VALVE SYSTEM (cont.)

Timing (based on top of ramp points)	Intake	Opens (*BTC)	21	36	21	
		Closes (*ABC)	67	68	67	
		Duration - deg.	268	284	268	
	Exhaust	Opens (*BBC)	79	80	79	
		Closes (*ATC)	25	24	25	
		Duration - deg.	284			
Valve opening overlap		46	60	46		
Material		SAE 1041	Silchrome XB	SAE 1041		
Overall length		4.86	5.41	4.86		
Actual overall head dia.		2.08	2.25	2.08		
Angle of seat & face		Seat: 44.5 to 45.0; valve: 45.0 to 45.5				
Seat insert material		None				
Stem diameter		0.3723 to 0.3730	0.3085 to 0.3095	0.3723 to 0.3730		
Stem to guide clearance		0.0010 to 0.0027	0.002 to 0.004	0.0010 to 0.0027		
Intake	Lift (: zero lash)		0.450	0.490	0.450	
	Outer spring press. & length	Valve closed (lb. x in.)	105 @ 1.86	115 @ 1.86	105 @ 1.86	115 @ 1.86
		Valve open (lb. x in.)	234 @ 1.40	310 @ 1.37	234 @ 1.40	310 @ 1.37
	Inner spring press. & length	Valve closed (lb. x in.)	Surge damper			
		Valve open (lb. x in.)	Surge damper			
	Material		21-2N	21-4N (a)	21-2N	
Overall length		4.89	4.86	4.89		
Actual overall head dia.		1.74	1.94	1.74		
Angle of seat & face		Seat: 44.5 to 45.0; valve: 45.0 to 45.5				
Seat insert material		None				
Stem diameter		(b)	0.3075 to 0.3085	Hot end: 0.3713 to 0.3720 (c)		
Stem to guide clearance		(b)	0.0030 to 0.0050	Hot end: 0.0020 to 0.0037 (d)		
Exhaust	Lift (: zero lash)		0.465	0.480	0.465	
	Outer spring press. & length	Valve closed (lb. x in.)	105 @ 1.86	115 @ 1.86	105 @ 1.86	115 @ 1.86
		Valve open (lb. x in.)	234 @ 1.40	310 @ 1.37	234 @ 1.40	310 @ 1.37
	Inner spring press. & length	Valve closed (lb. x in.)	Surge damper			
		Valve open (lb. x in.)	Surge damper			

ENGINE — LUBRICATION SYSTEM

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

(Continued)

- (a) Stellite-faced
- (b) Same as 440 CID
- (c) Cold end: 0.3723 to 0.3730
- (d) Cold end: 0.0010 to 0.0027

AMA Specifications—Passenger Car

DODGE

 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-22-69 REVISED (●) 2-24-70

MODEL	See Page 3 for Engine Usage					
	225 CID	318 CID	383 CID	426 Hemi	440 CID	440 CID
			2-V	4-V all		Hi-Perf 3,2-V

ENGINE – LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary
Normal oil pressure (lb. @ engine rpm)	45 to 65 @ 2000
Oil pres. sending unit (elect. or mech.)	Electric
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part., other)	Full Flow
Filter replacement (element, complete)	Complete
Capacity of c/case, less filter-refill (qt.)	4 6
Oil grade recommended (SAE viscosity and temperature range)	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 (a)
Engine Service Reqmt. (MM, MS, etc.)	MS

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, Reverse	(b)	Two, Reverse
Exhaust pipe dia. (O.D., wall thick.)	--	1.75x0.067	1.88x0.067	--	
	Main	1.88x0.067	2.00x0.067	2.25 x 0.075	2.50 x 0.075
Tail pipe dia. (O.D. & wall thickness)	1.75x0.043	1.88x0.043	2.25 x 0.043		

ENGINE – CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., induction system, other)	Standard	Optional	Induction system
			--
Control Unit	Make and model		2951243 or 2951891
	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) 426 Hemi: Below +32F: SAE 10W-30; above +32F: SAE 20W-40, SAE 30, or SAE 40.

(b) 2, Reverse; 2, Resonators

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-25-69 REVISED (a)2-24-70

All Engines

MODEL _____

ENGINE – EXHAUST EMISSION CONTROL

Type (Air injection, engine modifications, other)		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)	None	
	Make	Chrysler	
	Model	See page 13	
	Cent'fgol 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	Carburetor port		
Timing - Crank degrees @ rpm	See page 13A		
Cooling System	None		
Exhaust System	None		

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (a)

See Page 3 for Engine Usage

MODEL	225 CID	318 CID	426 CID
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ENGINE— FUEL SYSTEM (See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor		
Fuel Tank		19		
Refill capacity (U.S. gals.)		19		
Filler location		Rear center, ex - left rear fender on Charger and station wagons		
Fuel Pump		Mechanical		
Type (elec. or mech.)		Mechanical		
Locations		Right center of engine	Right front of engine	
Pressure range, psi		3.5 to 5.0	5.0 to 7.0	7.0 to 8.5
Vacuum booster (std., optional, none)		None		
Fuel Filter		Fuel tank - plastic; fuel line - paper		
Type		One in fuel tank, one in supply line		
Locations		Automatic, separate		
Choke type		(a)		
Intake manifold heat control (exhaust or water)		Exhaust		
Carburetor		Paper element		
Air cleaner type		Standard		
		Optional		
Idle speed (spec. neutral or drive)		Manual	700	750
		Automatic	650	700
neutral		Idle A/F mix.		14.0 to 14.4

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors			No. Used and Type	Barrel Size
			Make	Ex. Calif.	Calif. Only		
All	225	Manual	Holley	R-4351A	R-4353A	1, 1-V	1.69
		Automatic		R-4352A	R-4354A		
All	318	Manual	Carter	BBD-4721S	BBD-4723S	1, 2-V	1.44
Without A/C		Automatic		BBD-4722S	BBD-4724S		
With A/C		BBD-4895S					
All	426	All	Carter	Front		2, 4-V	Primary 1.44 Secondary 1.69
				AFB-4742S			
		Rear					
		AFB-4745S					
		Manual		AFB-4746S			
		Automatic		AFB-4746S			

(a) Automatic, integral rear carburetor only

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER **MODEL YEAR** 1970 **DATE ISSUED** 8-19-69 **REVISED** (*)

MODEL	See Page 3 for Engine Usage			
	1, 2-V	383 CID 1, 4-V	Hi-Perf	440 CID Hi-Perf 3, 2-V

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, ex - left rear fender on Charger and station wagons				
Fuel Pump	Type (elec. or mech.)	Mechanical				
	Locations	Right front of engine				
	Pressure range psi	3.5 to 5.0				
Vacuum booster (std., optional, none)		None				
Fuel Filter	Type	Fuel Tank - plastic; fuel line - paper				
	Locations	One in fuel tank, one in supply line				
Carburetor	Choke type	Automatic, separate			(a)	
	Intake manifold heat control (exhaust or water)	Exhaust				
	Air cleaner type	Paper element				
	Idle speed (spec. neutral or drive)	Manual	750	700	750	900
		Automatic	650	700	750	800 900
neutral	Idle A/F mix.	14.0 to 14.4				

CARBURETOR SUPPLEMENTARY INFORMATION

See Page 3 Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Borel Size	
			Make	Ex. Calif.			Calif. Only
Without A/C	383	Automatic	Holley	R-4371A	R-4373A	1, 2-V	1.56
With A/C				R-4373A			
Without A/C			Carter	BBD-4726S	BBD-4728S		
With A/C				BBD-4894S			
Without A/C	383	Automatic	Carter	AVS-4736S	AVS-4734S	1, 4-V	P: 1.44 S: 1.69
With A/C				AVS-4732S			
All	383	Manual	Holley	R-4367A	R-4217A	1, 4-V	P: 1.56 S: 1.75
Without A/C				R-4368A	R-4218A		
With A/C				R-4369A			
All	440	Manual	Carter	AVS-4737S	AVS-4739S	1, 4-V	1.69
Without A/C				AVS-4738S	AVS-4740S		
With A/C				AVS-4741S			
All	440	All	Holley	Front		3, 2-V	1.75
				R-4382A	R-4175A		
				Rear			
				R-4383A	R-4365A		
				Center			
				Manual	R-4375A		
Automatic	R-4376A	R-4144A					

(a) Automatic, separate on center carburetor only.

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (a) _____

MODEL	See Page 3 for Engine Usage							
	225 CID	318 CID	383 CID		426 CID	440 CID		
			1, 2-V	1, 4-V	Hi-Perf	Hemi	Hi-Perf	3, 2-V

ENGINE— COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)		Pressure vented						
Radiator cap relief valve pressure		16						
Circulation thermostat	Type (choke, bypass)	Choke, peilet						
	Starts to open at (°F)	190	195			190		
Water pump	Type (centrifugal, other)	Centrifugal						
	GPM @ 1000 pump rpm	--						
	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.)	13	16	14.5		17		
	Without heater (qt.)	12	15	13.5		16		
	Opt. equipment-specify (qt.) A/C	13	16	15		17		
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		4		7			
	Diameter		17	18		18.5	18	
	Ratio-fan to crankshaft rev.		1.07:1	0.95:1		1.2:1	0.95:1	
	Fan cutout type		Thermal			Torque		
	Bearing type		See water pump bearing above					
* Drive belts (indicate belt used by letter)	Fan		A	D	G	I	G	
	Generator or alternator		A	D	G	I	G	
	Water Pump		A	D	G	I	G	
	Power Steering		B	E(a)	H	K	H	
	Air Conditioning		C	F	I	--		I

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	36	36	36	36	36	36	36	36	36	36	36
Nominal length (SAE)	57.0	40.75	53.0	47.50	38.0	54.0	46.5	44.0	59.50	45.0	39.38
Width	.38	.38	.50	.38	.38	.38	.38	.38	.38	.38	.50

(a) With 0.94 CID power steering pump; "I" with 1.06 CID power steering pump

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (e)

See Page 3 for Engine Usage

MODEL	225 CID	318 CID	383 CID			426 CID	440 CID	
			1, 2-V	1, 4-V	Hi-Perf	Hemi	Hi-Perf	3, 2-V

ELECTRICAL – SUPPLY SYSTEM

Battery	Make and Model (a)		2875951	2875320	2642969				
	Voltage Rtg. & Total Plates		12, 54	12, 66	12, 78				
	SAE Designation & Amp. Hr. Rtg.		46 amp	59 amp	70 amp				
	Location		Left front fender side shield						
	Terminal grounded		Negative						
Alternator	Make		Chrysler						
	Model		3438172			(c)	3438172		
	Type and rating (b)		37 amp						
	Output of engine idle (neutral)		--						
	Ratio—Gen. to Cr/s rev.		2.70:1	2.55:1		2.12:1	2.55:1		
Regulator	Make		Chrysler						
	Model		3438150						
	Type		Voltage control						
	Circuit relay	Closing voltage generator rpm	--						
		Reverse current to open	--						
	Regulated	Voltage	13.8 to 14.4 @ 80° ambient						
		Current	--						
	Voltage test conditions	Temperature	80° F						
		Load	15 amp						
Other		--							

ELECTRICAL – STARTING SYSTEM

Starting Motor	Make		Chrysler					
	Model		2875560					
	Rotation (drive end view)		Clockwise					
Motor control	Switch (solenoid, manual)		Solenoid					
	Starting procedure		(e)					
Motor Drive	Engagement type		Solenoid					
	Pinion meshes (front, rear)		Front					
	Number of teeth	Pinion Flywheel	Manual	122	--	130	172	143
			Auto.	122	130			
	Flywheel tooth face width	Manual	0.340	--	0.340			
		Auto.	0.340					

- (a) Mopar
- (b) Three-phase full-wave rectified
- (c) 3438176
- (d) 426 CID; nine teeth with manual transmission
- (e) With transmission in "Neutral" or "Park" depress accelerator pedal to floor and release. If car is equipped with manual transmission, the clutch pedal must be held to the floor while starting engine. Turn ignition key to start position and release when engine starts. When engine is running smoothly tap accelerator pedal to reduce fast idle speed.

AMA Specifications—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (e)

See Page 3 for Engine Usage

MODEL	225 CID	318 CID	383 CID 1, 2-V	426 CID 1, 4-V Hi-Perf	440 CID Hemi Hi-Perf	3, 2-V
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ELECTRICAL – IGNITION SYSTEM

Type	Conventional – Std., Opt., N.A.		Std					
	Transistorized – Std., Opt., N.A.		NA					
	Other (specify)		--					
Coil	Make		Chrysler-Essex or Chrysler-Prestolite					
	Model		2444241		2444242			
	Amps	Engine stopped	3.0					
Engine idling		1.9						
Distributor	Make		Chrysler		Prestolite			
	Model		See page 13A					
	Cent'fgal 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.)		(a)	(b)	0.016 to 0.021	(b)	(c)	(b)
	Com angle (deg.)		41 to 46	30 to 34	28.5 to 32.5	(d)	(e)	(d)
Breaker arm tension (oz.)		17 to 20			(f)	17 to 20	(f)	
Timing	Crankshaft deg. @ rpm idle		See page 13A					
	Mark location		"					
Spark Plug	Make & Model	Modar	P-6-6P	P-3-6P	6-3-4P	--	6-3-4P	
		Champion	N-14Y	J-14Y	J-11Y	N-10Y	J-11Y	
	Thread (mm)		14 mm					
	Tightening torque (lb. ft.)		30 to 32					
	Gap		0.035					
Cable	Conductor type		Resistor					
	Insulation type	(g)	Synthetic rubber with Hypalon jacket					
	Spark plug protector	Hypalon	Silicone					

ELECTRICAL – SUPPRESSION

Locations & type	Resistance type spark plug and coil cables
------------------	--

- (a) 0.017 to 0.023
- (b) 0.014 to 0.019
- (c) 0.016 to 0.021
- (d) One set of points 27 to 32; both sets of points 37 to 42
- (e) 28.5 to 32.5
- (f) 17 to 21.5
- (g) Synthetic rubber with Neoprene jacket

AMA Specifications—Passenger Car

DODGE
MAKE OF CAR CORONET/CHARGER MODEL YEAR 1970 DATE ISSUED 8-19-69 REVISED (•) 2-24-70

AVAILABILITY

(See Page 3 for Engine Usage)

		225 CID	318 CID	383 CID			426 CID Hemi	440 CID	
				2-V	4-V	Hi-Perf		Hi-Perf	3, 2-V
Distributor	Manual	2875822	3438255	3438231	3438233		2875987	3438222	3438314
	Automatic	2875826	3438225				2875989		2875982
Timing (a)	Manual	TDC		10 BTC	--	10 BTC	TDC	10 BTC	12 1/2
	Automatic			12 1/2 BTC			2 1/2 BTC	12 1/2 BTC	BTC

(a) Transmission in neutral, crankshaft degree @ engine idle RPM (see page 10). Distributor solenoid disengaged.

SPECIFICATIONS

DISTRIBUTOR PART NUMBER	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Degrees at Inches of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
2875822	2 to 10 @ 1100	18.4 to 22.4 @ 1800	24 to 28 @ 4000	1 to 7 @ 10	10.5 to 15.25 @ 15
2875826	2 to 10 @ 1100	18.4 to 22.4 @ 1800	24 to 28 @ 4000	1 to 7 @ 7	10.5 to 15.25 @ 10
2875982	0 to 10.6 @ 1200	18 to 22 @ 1700	24 to 28 @ 4800	1 to 7 @ 11	19 to 25 @ 15.5
2875987	0 to 9 @ 1300	24.4 to 28.4 @ 2100	28 to 16 @ 3200	0 to 7 @ 9	13.4 to 18.4 @ 13.5
2875989	0 to 8.4 @ 1200	19.4 to 23.4 @ 1900	23 to 27 @ 3200	0 to 7 @ 9	13.4 to 18.4 @ 13.5
3438222	0 to 9.2 @ 1200	11.2 to 15.2 @ 1600	20 to 24 @ 4600	1 to 8.6 @ 10.5	9.4 to 24 @ 15.5
3438225	2 to 12 @ 1100	17 to 21 @ 1600	28 to 32 @ 4200	1.5 to 4.5 @ 12	8.5 to 21.5 @ 15
3438231	0 to 7.6 @ 1100	15 to 19 @ 1700	28 to 16 @ 4400	1.0 to 4 @ 7.5	18.6 to 23.6 @ 12
3438233	0 @ 950	16.5 @ 1600	25 @ 3600	1 to 8.6 @ 10.5	19.4 to 24 @ 15.5
3438255	2 to 12 @ 1100	17 to 21 @ 1600	28 to 32 @ 4200	2 to 8 @ 10.5	16.5 to 21.5 @ 15
3438314	0 to 9.0 @ 1300	18 to 22 @ 1900	24 to 28 @ 4800	1 to 7 @ 11	19 to 25 @ 15.5

AMA Specifications—Passenger Car

DODGE CORONET
 MAKE OF CAR AND CHARGER MODEL YEAR 1970 DATE ISSUED 8-25-69 REVISED (a)

All Models

MODEL

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 (a)
Fuel indicator – type		Electric, thermal
Other		Brake system and parking brake warning light
Windshield wiper	Type – Standard	Electric, two-speed
	Type – Optional	Electric, three-speed
Windshield washer	Type – Standard	Electric
	Type – Optional	--
Horn	Type	Four-inch sea shells
	Number used	2
	Amp draw (each)	Sparton: 6-8 amp; Prestolite 4-6 amp

DRIVE UNITS— CLUTCH (Manual Transmission)

MODEL	225 CID	318 CID	383 CID	426 CID 440 CID	
Make & type	Auburn Borg & Beck		Borg & Beck		
Type pressure plate springs			Coil		
Total spring load (lb.)	1375	1693	2181	2523	
No. of clutch driven discs			One		
Clutch facing	Material	Woven asbestos			
	Outside & inside dia.	9.25 x 6.00	10.5 x 6.5	11.0 x 6.5	11.0 x 7.0
	Total all. area (sq. in.)	77	106.8	123.6	113.1
	Thickness	0.114	0.125	0.135	
	Engagement cushioning method	Two-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) Charger, electric, thermal

AMA Specifications—Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1970 **DATE ISSUED** 8-25-69 **REVISED** (*)2-24-70

See Page 3 for Engine Usage

MODEL	225 CID	318 CID	383 CID	426 CID	440 CID
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DRIVE UNITS— TRANSMISSIONS

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

DRIVE UNITS – MANUAL TRANS.

Number of forward speeds		3		4	
		With 225,318CID	With 383 CID	With 383 CID	With 426,440CID
Transmission ratios	In first	3.08	2.55	2.47	2.44
	In second	1.70	1.49	1.77	1.77
	In third	1.00		1.34	
	In fourth	--		1.00	
	In reverse	2.90	3.34	2.40	2.36
Synchronous meshing, specify gears		1, 2, 3		1, 2, 3, 4	
Shift lever location		Column	Floor	Floor or Console	
Capacity (pt.)		4.75		7.5	
Type recommended		DEXRON type auto trans fluid		SAE 140	
Lubricant	SAE viscosity number	NA		"	
	Summer	NA		"	
	Winter	NA		"	
Extreme cold		NA		SAE 90	

DRIVE UNITS – MANUAL TRANS. W/OVERDRIVE

(For transmission data see manual transmission section)

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 filter (yes, no)	
	Type recommended	
	SAE viscosity number	
	Summer	
Winter		
Extreme cold		

- (a) Opt with 383 CID 1, 4-V
- (b) Std with 440 CID 1, 4-V in S-price and with 383 CID 1, 2-V
- (c) NA with 383 CID 1, 2-V

AMA Specifications—Passenger Car

DODGE CORONET		MODEL YEAR 1970		DATE ISSUED 8-25-69		REVISED (e)	
MAKE OF CAR AND CHARGER		See Page 3 for Engine Usage					
MODEL	225	318	383 CID			426 CID	440 CID
	CID	CID	2-V	4-V	Hi-Perf	Hemi	Hi-Perf 3, 2-V

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	Reverse: 2.20 Drive: 2.45, 1.45, 1.00 2: 2.45, 1.45 1: 2.45					
Max. upshift speed—drive range	73	85	74	93	76	
Max. kickdown speed—drive range	65	76	67	84	69	
Torque converter	Number of elements Three					
	Max. ratio at stall 2.1:1		2.0:1	2.1:1		2.0:1
Lubricant	Type of cooling (air, liquid) Liquid					
	Nominal diameter 10.75		11.75	10.75		11.75
	Capacity—refill (pt.) 17.0		16.0	19.0	16.0	17.0
Type recommended		DEXRON automatic transmission fluid or type AQ-ATF-2848A				
Special transmission features	None					

DRIVE UNITS— PROPELLER SHAFT

Number used		One				
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Internal vibration absorber				
Outer diam. x length* x wall thickness	Manual 3-speed trans.	3.25 x 57.65 (b)	3.25 x 52.03 x .065	--	3.25 x 52.07 x .065	--
	Manual 4-speed trans.	--			3.25 x 52.07 x .065	3.25 x 50.96 x .065
	Overdrive transmission	NA				
	(a) Automatic transmission	3.00 x 57.65 (b)	3.25 x 52.03 x .065	3.25 x 52.07 (c)	3.25 x 50.96 x .065	

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

(Continued)

(a) Wall thickness is 0.065 for all propeller shafts

(b) Station wagons: 3.00 x 56.17

(c) Station wagons: 3.25 x 52.03

AMA Specifications—Passenger Car

DODGE CORONET
MAKE OF CAR AND CHARGER **MODEL YEAR** 1970 **DATE ISSUED** 8-26-69 **REVISED** (a) 2-24-70

See Page 3 for Engine Usage

MODEL	225 CID	318 CID	383 CID	426 CID	440 CID
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DRIVE UNITS— PROPELLER SHAFT (cont.)

Inter-mediate bearing	Type (plain, anti-friction)	None			
	Lubrication (fitting, prepack)	None			
Slip Yoke	Type	Sliding spline			
	Number of teeth	25	25 (a) 29 (b)	29	
	Spline O.D.	1.156	1.156 (a) 1.325 (b)	1.325	
Universal joints	Make and Mfg. No.	Chrysler 7260			Chrysler 7290
	Number used	Two			
	Type (ball and trunnion, cross)	Cross			
	Rear attach. (u-bolt, clamp, etc.)	C-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)		Rear				
Description	Carrier housing	Unitized		Separable	Unitized	
	Ring gear	7-1/4 OD	8-1/4 OD	8-3/4 OD	9-3/4 OD	
Limited Slip differential, type		Friction bias	None	Friction bias		
Drive Pinion Offset		1.625	1.85	1.50	1.125	
No. of differential pinions		2			4	
Pinion adjustment (shim, other)		Washer	Shim	Washer	Shims	
Pinion bearing adj. (shim, other)		Solid spacer	Collapsible spacer		Shims	
Wheel bearing type		Ball	St. roller	Tapered roller		
Lubricant	Capacity (pt.)	2	4		5-1/2	
	Type recommended	MIL-L-210 5B 2933 56 5			(c)	
	SAE viscosity 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	2.45	2.71	2.76	2.93	2.94	3.21	3.23	3.54	3.55	3.91	4.10	
No. of teeth	Pinion	20	17	14	16	14	13		11		10	
	Ring gear	49	46	47	41	47	45	42	46	39	43	41
Ring Gear O.D.	8-1/4		8-3/4	7-1/4	8-3/4	8-1/4	7-1/4	8-3/4	9-3/4	8-3/4	8-3/4	9-3/4

(a) Automatic transmission
 (b) Manual transmission

(c) Special Sure-grip lubricant 2585318

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ **MODEL YEAR** 1970 **DATE ISSUED** 8-26-69 **REVISED** (a) 2-24-70

	Except Station Wagon	Station Wagon
MODEL _____	225 CID	318 CID 383 CID
		440 CID

DRIVE UNITS— WHEELS

Type & material		Disc, steel			
Rim (size & flange type)	Std.	14 x 5.5 JJ (a)		14 x 6.0 JJ	14 x 5.5 JJ
	Opt.	14 x 5.5JJ (d)	14 x 6.0 JJ 15x7.0JJ(e)	14x5.5JJ (d)	14x5.5JJ(d)
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	F78 x 14, 4-2/4	G78 x 14, 4-2/4 (a)	F70 x 14, 4-2/4	G78 x 14, 4-2/4
	Type (bias, radial, etc.)	Bias with fiberglass belt			
	Full rated Inflation Press.	Front 28	26	30	22
		Rear 28	26	30	32
	Rev./Mile at 50 MPH	785	765	798	765
Optional	Size, ply rating, & ply	G78 x 14, 4-2/4	F70 x 14, 4-2/4(b) F60 x 15, 4-2/4(b) (c)	F60 x 15, 4-2/4(c)	H78 x 14, 4-2/4

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) Super Bee with 383 CID uses same wheels and tires as 440, 426 CID

(b) Disc or 11 in. drum brakes required

(c) Extra duty suspension required

(d) Rally or Mag 500 wheel

(e) Standard or rally wheel

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER	MODEL YEAR 1970	DATE ISSUED 8-26-69	REVISED (a) 2-24-70
	225 CID Except 45,46	318;383, 2-V 383, 4-V; Exc. 45,46	383,4-V Hi-Perf 426;440 Hi-Perf All 45, 46
MODEL	All		

BRAKES—SERVICE

Type (drum) or (disc & no. of pistons)		Drum		Disc, 1			
Self adjusting (std., opt., N.A.)		Std					
Special Valving	Type (proportion, delay, metering, other)	--			(a)		
	Power brake make & type (remote, int., etc.)	--			Tandem		
		Integral					
Effective area (sq. in.) *		195.2	195.2	234.1	138.12		
Gross lining area (sq. in.) **		195.2	195.2	234.1	138.12		
Swept area (sq. in.) ***		314.2	314.2	380.1	357.98		
Front to Rear Effectiveness Relationship		Front 60; Rear 40					
Drum	Diameter (nominal)	Front	10	11	--		
		Rear	10	11	10		
Type and material		Centrifuse or cast composite, cast iron			--		
Rotor	Outer working diameter		--		10.72		
	Inner working diameter		--		7.14		
	Working width		--		1.79		
	Material & type (vented/solid)		--		Vented; cast iron		
Wheel cylinder bore	Front	1.187			2.75		
	Rear	0.9375					
Master Cylinder	Bore		1.00		1.125		
	displacement distribution	Front	60		75		
		Rear	40		25		
Pedal arc ratio		Manual: 6.64		Power: 2.86			
Line pressure at 100 lb. pedal load		800			1100		
Shoe Clearance	Front	No major adjustment required					
	Rear	"					
Brake lining	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	9.31x3.00x .19	10.13x0.44 (b)	
			Second. or in-board	11.06 x 2.5 x .24	11.97x3.00x .24	10.13x0.44 (b)	
		Segments per shoe		One			
	Rear Wheel	Material		Molded asbestos			
		Size (length x width x thickness)	Prim. or out-board	8.46x2.5x .19	8.46x2.5x .19	9.31x2.5x .19	8.46x2.5x .19
			Second. or in-board	11.06x2.5x .24	11.06x2.5x .24	11.97x2.5x .24	11.06x2.5x .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) Front: metering; rear: residual pressure.
 (b) Area x thickness

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1970 DATE ISSUED 8-26-69 REVISED (e)

MODEL	Except Station Wagon	Station Wagon
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STEERING

Manual (std., opt., NA)		Std		
Power (std., opt., NA)		Opt		
Adjustable steering wheel (tilt, swing, other)	Type and description	--		
	(std., opt., NA)	NA		
Wheel diameter	Manual	16.0		
	Power	16.0		
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	43.8	43.8
		Curb to curb (l. & r.)	40.9	40.9
	Inside rear	Wall to wall (l. & r.)	24.2	24.0
		Curb to curb (l. & r.)	24.9	24.8
Manual	Gear	Type	Recirculating Ball	
		Make	Chrysler	
	Ratios	Gear	24.0:1	
		Overall	28.8:1	
	No. wheel turns (stop to stop)		5.3	
Power	Type (coaxial, linkage, etc.)		Integral	
	Make		Chrysler	
	Gear	Type	Recirculating Ball	
		Ratios	Gear	15.7:1
	Overall		18.8:1	
	Pump driven by		Belt from crankshaft pulley	
No. wheel turns (stop to stop)		3.5		
Linkage	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	
Steering Axis	Inclination at camber (deg.)		7.5 @ 0°	
	Bearings (type)	Upper	Ball joint	
		Lower	Ball joint	
		Thrust	Oil impregnated metal	
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		Manual strg: $-1/2^{\circ} \pm 1/2^{\circ}$ Power strg: $+3/4^{\circ} \pm 1/2^{\circ}$	
	Camber (deg.)		Left: $+1/2^{\circ} \pm 1/4^{\circ}$ Right: $+1/4^{\circ} \pm 1/4^{\circ}$	
	Toe-in (outside track inches)		1/8" $\pm 1/32$ "	
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	

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ **MODEL YEAR** 1970 **DATE ISSUED** 8-26-69 **REVISED** (a) 2-24-70

MODEL _____	6-Cyl	318; 383, 2-V;	383 CID	426 Hemi	45, 46
	Except	383, 4-V	Hi-Perf	440 Hi-Perf	All
	Charger	6-Cyl Charger			

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 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 inch
Other special features	None	

SUSPENSION – FRONT

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; optional except std on Charger or Super Bee			Std. Link	
	Material & bar diameter	0.88"				

SUSPENSION – REAR

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	138
	Mounting insulation type	Rubber			
	If leaf	No. of leaves	4-1/2	6 (a)	5-1/2
Stabilizer	Type (link, linkless, frameless)	Compression			
	Material	None			
	Track bar type	None			

(a) Right side: 5 plus 2 half leaves.

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ **MODEL YEAR** 1970 **DATE ISSUED** 8-27-69 **REVISED** (*)

	21	23	27	29	41	45	46
MODEL	L,M,H	M,H	P,S	P,S	H,P,S	L,H P	L,H P H P
FRAME	Charger						

Type and description (Separate frame, unitized frame, partially - unitized frame)	Unit construction
---	-------------------

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, lockable steering and transmission shift						
Vent window control method (crank, friction pivot)	Front	Friction pivot					
	Rear	Swing-out (coupe); None (all other)					
Seat cushion type	Front	FW	ZZ	FW	ZZ	FW	ZZ
	Rear	FW					
	3rd seat	--					ZZ
Seat back type	Front	C	ZZ	FW	ZZ	FW	ZZ
	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	1234	1288	1234	1333	2493	
Backlight glass exposed surface area	1158		629	812	1044	725	
Total glass exposed surface area	3591	3538	3181	3192	3694	4535	

FW: Formed wire
 ZZ: Zigzag
 C: Coil

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1970 DATE ISSUED 8-27-69 REVISED (e)

MODEL _____	WL	WM	WH	WP	WS	Charger
-------------	----	----	----	----	----	---------

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

Power windows	Side windows	NA	Opt: except station wagon			
	Vent windows		NA			
	Backlight or tailgate		Opt-45, Std-46		NA	
	Power seats (specify type as well as availability)		NA			
	Reclining front seat back (R-L or both)		NA			
	Front seat head restainer (R-L or both)		Std, both			
	Radios (specify type as well as availability)		Opt: AM, AM-FM Stereo tape with AM			
	Rear seat speaker		Opt (except convertibles and station wagons)			
	Power antenna		NA			
	Clock	Opt	Std	Opt (NA with tachometer)		Std
	Air conditioner (specify type and availability)		Opt: except 426 CID hemi and 383, 2-V, 440 Hi-Perf with manual transmission			
	Speed warning device		See below			
	Speed control device		Opt (NA with manual trans, 426 CID & 440 CID 3, 2-V)			
	Ignition lock lamp		Opt			
	Dome lamp		Std: NA 27			
	Glove compartment lamp		Opt			
	Luggage compartment lamp		Opt (except station wagons)			
	Underhood lamp		Opt: dealer-installed			
	Courtesy lamp		Opt (std in all convertibles)			
	Map lamp		Opt			
	Auto. trans. quad. lamp		Std with automatic transmission with console			
	Cornering light lamp		NA			
	Shoulder belt		Std: front seat, Opt: rear seat			
	Rear window defogger		Opt: except 27, 45, 46			
	Tachometer		Opt (8-cyl cars only)			
	Tail Gate window washer		Opt with electrical tail gate		--	

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.

AMA Specifications—Passenger Car

DODGE CORONET

MAKE OF CAR AND CHARGER _____ MODEL YEAR 1970 _____ DATE ISSUED 8-27-69 _____ REVISED 12-24-70

WEIGHTS

	CURB WEIGHT * POUNDS			% PASS. WEIGHT DISTRIBUTION				LIQUID WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear		Fuel	Coolant
				Front	Rear	Front	Rear		
6 Cylinder Models									
<u>Model Coronet Deluxe</u>									
2 Dr. Sedan	1770	1475	3245	49.4	50.6	22.3	77.7	114	29 ●
4 Dr. Sedan	1780	1505	3285	49.4	50.6	20.2	79.8	114	29 ●
Station Wagon 2 St	1735	2070	3805	49.4	50.6	20.2	79.8	114	29 ●
<u>Coronet 440</u>									
2 Dr. Sedan	1775	1490	3265	49.4	50.6	22.3	77.7	114	29 ●
2 Dr. H.T.	1785	1500	3285	49.4	50.6	22.3	77.7	114	29 ●
4 Dr. Sedan	1775	1510	3285	49.4	50.6	20.2	79.8	114	29 ●
Station Wagon 2 St	1735	2065	3800	49.4	50.6	20.2	79.8	114	29 ●
<u>Charger</u>									
2 Dr. Hardtop	1830	1535	3365	49.4	50.6	22.3	77.7		●
<u>Charger 500</u>									
2 Dr. Hardtop	1825	1520	3345	49.4	50.6	22.3	77.7		●
NOTE: ALL CURB WEIGHTS INCLUDE AUTOMATIC TRANSMISSION									
Accessories & Equipment Differential Weights				Remarks					
Air Conditioning	114	-1	113						
3 Spd. Man. Trans.	-14	-8	-22						
Power Steering	43	-2	41						
Power Brakes	8	1	9						
Power Windows	8	13	21						
Radio	5	2	7						
Roof Luggage Rack	1	21	22						Wagon Only
Luggage Rack	-3	11	8						Charger Only
Power Tailgate Wdo.	-2	9	7						
Undercoat	10	25	35						Except Wagon
Undercoat	7	13	20						Wagon

*Reference - SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).

AMA Specifications—Passenger Car

MAKE OF CAR DODGE CORONET MODEL YEAR 1970 DATE ISSUED 8-27-69 REVISED (a) 2-24-70

WEIGHTS

V-8 Models	CURB WEIGHT * POUNDS			% PASS. WEIGHT DISTRIBUTION				LIQUID WEIGHT	
	Front	Rear	Total	Pass. In Front		Pass. In Rear		Fuel	Coolant
				Front	Rear	Front	Rear		
Model Coronet Deluxe									
2 Door Sedan	1835	1535	3370	49.4	50.6	22.3	77.7	114	36 ●
4 Door Sedan	1840	1565	3405	49.4	50.6	20.2	79.8	114	36 ●
Sta. Wag. 2 St.	1785	2075	3860	49.4	50.6	20.2	79.8	114	36 ●
Super Bee									
2 Door Sedan	2060	1605	3665	49.4	50.6	22.3	77.7	114	32 ●
2 Door Hardtop	2070	1630	3700	49.4	50.6	22.3	77.7	114	32 ●
Coronet 440									
2 Door Sedan	1845	1545	3390	49.4	50.6	22.3	77.7	114	36 ●
2 Door Hardtop	1845	1555	3400	49.4	50.6	22.3	77.7	114	36 ●
4 Door Sedan	1840	1570	3410	49.4	50.6	20.2	79.8	114	36 ●
Sta. Wag. 2 St.	1790	2075	3865	49.4	50.6	20.2	79.8	114	36 ●
Sta. Wag. 3 St.	1780	2160	3940	49.4	50.6	20.2	79.8	114	36 ●
Coronet 500									
2 Door Hardtop	1855	1540	3395	49.4	50.6	22.3	77.7	114	36 ●
Convertible	1900	1655	3555	49.4	50.6	21.9	78.1	114	36 ●
4 Door Sedan	1845	1575	3420	49.4	50.6	20.2	79.8	114	36 ●
Sta. Wag. 2 St.	1795	2085	3880	49.4	50.6	20.2	79.8	114	36 ●
Sta. Wag. 3 St.	1785	2165	3950	49.4	50.6	20.2	79.8	114	36 ●
Coronet R/T									
2 Door Hardtop	2090	1620	3710	49.4	50.6	22.3	77.7	114	34 ●
Convertible	2140	1715	3855	49.4	50.6	21.9	78.1	114	34 ●
NOTE: All curb weights include automatic transmission.									
Accessories & Equipment Differential Weights				Remarks					
Air Conditioning	114	1	115						
3 Spd. Manual Trans.	15	13	28						
4 Spd. Manual Trans.	28	9	37	Super Bee ●					
4 Spd. Manual Trans.	45	58	103	R/T					
383 CID, 2-V Engine	146	5	151	W/Auto. Trans. ●					
383 CID, 4-V Engine	171	40	211	W/Auto. Trans. ●					
Power Steering	40	-1	39						
Power Brakes	8	1	9						
Power Windows	8	13	21						
Radio	5	2	7						
Speed Control	5	0	5						
Roof Luggage Rack	1	21	22						
Console	11	11	22						
Undercoat	10	25	35	Except Wagon					
Undercoat	7	13	20	Wagon					

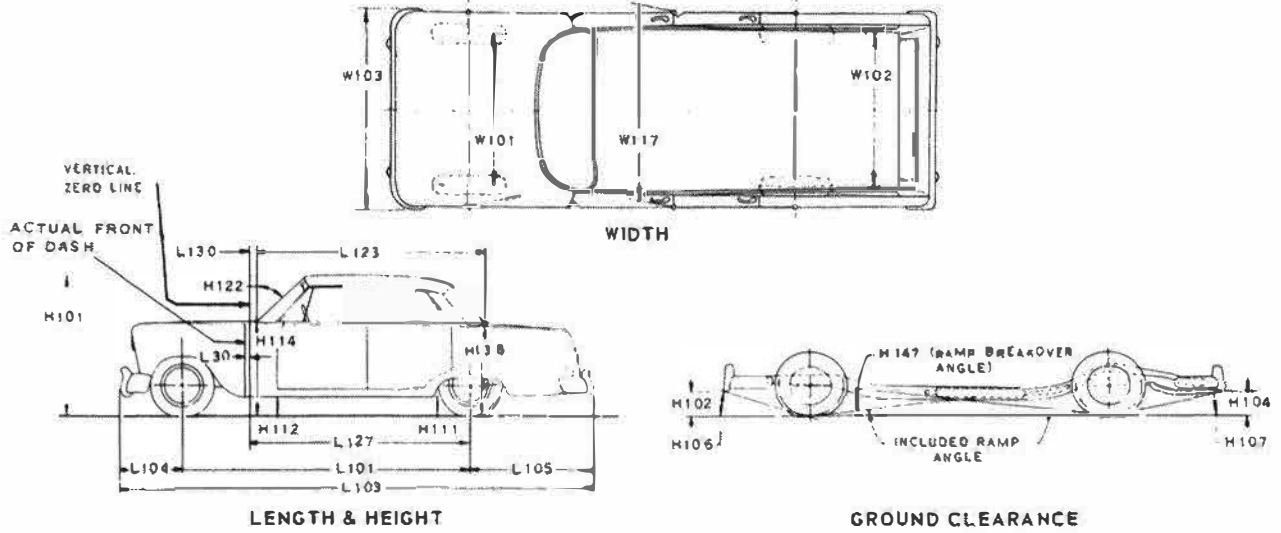
*Reference - SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).

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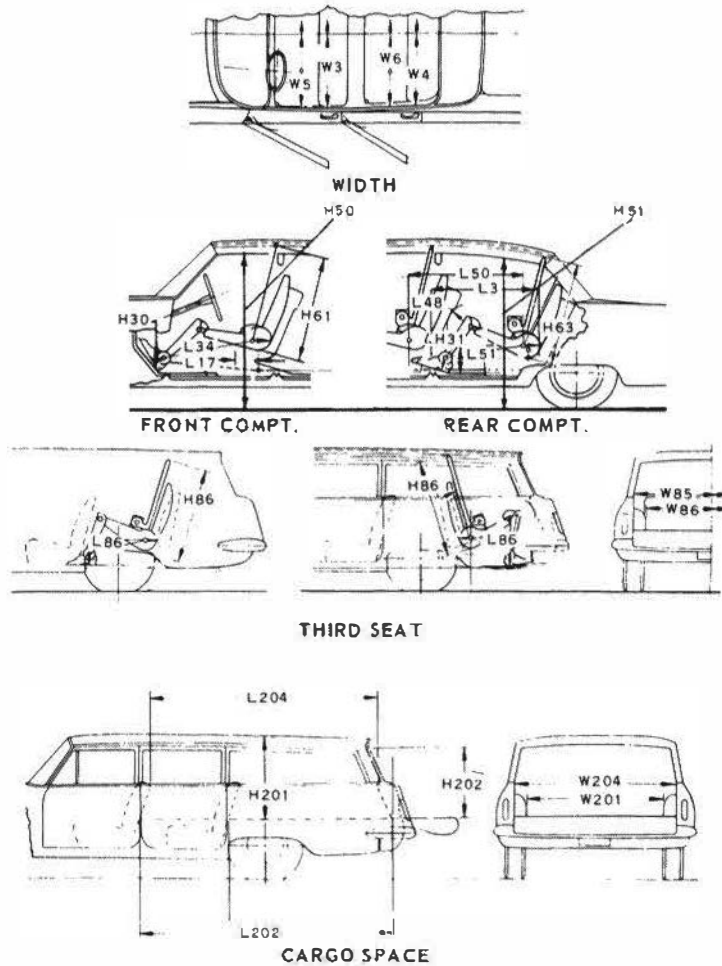
CAR AND BODY DIMENSIONS

KEY SHEET

EXTERIOR CAR AND BODY DIMENSIONS



INTERIOR CAR AND BODY DIMENSIONS



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 or 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.
- 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 top, 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.
- 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 wheelhouses or 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 or 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

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