

# 1973

## AMA SPECIFICATIONS FORM

### . . . Passenger Car

<small>MANUFACTURER</small> Dodge Division Chrysler Corporation	<small>CAR NAME</small> Dodge Coronet/Charger					
<small>MAILING ADDRESS</small> Detroit, Michigan	<small>MODEL YEAR</small> 1973	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;"><small>ISSUED:</small></td> <td style="text-align: center; padding: 2px;">6-28-72</td> </tr> <tr> <td style="padding: 2px;"><small>REVISED (●)</small></td> <td style="text-align: center; padding: 2px;">3-8-73</td> </tr> </table>	<small>ISSUED:</small>	6-28-72	<small>REVISED (●)</small>	3-8-73
<small>ISSUED:</small>	6-28-72					
<small>REVISED (●)</small>	3-8-73					

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# AMA Specifications Form—Passenger Car

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### 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.
  - c. All dimensions are in inches.

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MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(\*)</sup>

BODY MODEL		Body Series, Type and Number. (Use mfr's. code for identification)				Number of Passengers (Indicate Front/Rear)		
						2-Door Coupe 21	2-Door Hardtop 23	2-Door Special 29
						2-Seat 45	3-Seat 46	
No. of Passengers Front*/Rear		3/3					3/3/2	
Charger Coupe	Six	WL21						
	V-8							
Coronet	Six				WL41			
	V-8					WL45		
Coronet Custom	Six				WH41			
	V-8					WH45	WH46	
Charger	Six		WH23					
	V-8							
Charger SE	V-8			WP29				
Crestwood						WP45	WP46	

\*With bucket seats, reduce number of passengers by one

DODGE  
 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(a)</sup>

**CAR AND BODY DIMENSIONS**

See Pages 27, 28 for SAE Dimension Definitions

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.	21, 23		29	41		45, 46	
		Six	V-8		Six	V-8		

**WIDTH**

Dimension	SAE Ref. No.	21, 23	29	41	45, 46
Track - Front	W101	61.9			
Track - Rear	W102	62.0			63.4
Maximum overall car width	W103	77.0	77.8		78.8
Body width at No. 2 pillar	W117	76.0			
Max. front doors open	W120	168.2	148.6		
Max. rear doors open	W121	--	135.6		

**LENGTH**

Dimension	SAE Ref. No.	21, 23	29	41	45, 46
Body "O" to front of dash	L 30	0.8			
Wheelbase	L101	115	118		
Overall car length	L103	212.7	212.9	217.6	
Overhang - front	L104	45.2	40.6	39.9	
Overhang - rear	L105	52.5	54.3	59.7	
Body upper structure length	L123	99.1	102.7	--	
Body "O" line to $\text{C}$ of rear wheel	L127	98.5	101		
Body "O" line to w/s cowl point	L130	10.0			

**HEIGHT**

Dimension	SAE Ref. No.	21, 23	29	41	45, 46	
Passenger Distribution (front & rear)		2-front, 3-rear				
Trunk/Cargo load (lbs.)		None			150	
Overall height	H101	52.2	52.5	53.6	54.0	
Cowl height	H114	38.0	38.4	38.1	38.5	
Deck height	H138	38.3	38.6	38.0	38.3	
Rocker panel - front	H112	To ground	7.6	8.0	7.7	8.1
From front wheel $\text{C}$		31.6				
Bottom of front door to ground	H133	10.1	10.5	10.9	12.1	
Rocker panel - rear	H111	To ground	6.2	6.5	6.8	8.3
From rear wheel $\text{C}$		17.8	18.3			
Bottom of rear door to ground	H135	--	10.1	10.4	11.9	
Windshield slope angle	H122	56°	53°			

**GROUND CLEARANCE**

Dimension	SAE Ref. No.	21, 23	29	41	45, 46
Bumper to ground - front	H102	11.6	12.1	11.9	12.4
Bumper to ground - rear	H104	11.0	11.3	14.6	14.8
Angle of approach deg	H106	22.7	23.3	21.6	22.2
Angle of departure deg	H107	14.2	14.6	15.0	15.4
Ramp breakover angle deg	H147	10.9	11.4	10.7	11.2
Rear axle differential to ground	H153	7.8	8.1	7.8	8.1
Min. running clearance (Specify)(a)	H156	5.0	5.4	5.2	5.6

(a) Exhaust system to ground

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MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(a)</sup> 3-8-73

**CAR AND BODY DIMENSIONS**

See Pages 27, 29 for SAE Dimension Definitions

MODEL	SAE Ref. No.	21	23	29	41	45	46
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**FRONT COMPARTMENT**

H Point to body "O" line	L31				45.8		
Effective head room	H61		37.1		38.3		39.7
Max. eff. leg room - accelerator	L34				41.9		
H Point to Heel point	H30				8.6		
H Point travel	L17				5.6		
Shoulder room	W 3		58.9			59.2	
Hip room	W 5		58.0			59.2	
Upper body opening to ground	H50		48.2		49.4		50.1

**REAR COMPARTMENT**

H Point couple distance	L50		31.0				33.2
Effective head room	H63		36.4		37.3		39.9
Min. effective leg room	L51		34.1				36.7
H Point to Heel point	H31		10.6				11.4
Min. knee room	L48		1.2				2.8
Rear Compartment room	L 3		24.8	24.4	26.8		25.8
Shoulder room	W 4		57.7				59.3
Hip room	W 6		54.0				59.2
Upper body opening to ground	H51		--		49.1		50.2

**LUGGAGE COMPARTMENT**

Usable luggage capacity (cu. ft.)	V 1		14.3		16.5		--
Liftover height	H195		28.4	28.6	26.5		26.8
Position of spare tire storage							Shelf
Method of holding lid open							Wheel well
							Torsion bar
							--

**STATION WAGON - THIRD SEAT**

Shoulder Room	W85						49.2
Hip room	W86						44.6
Effective leg room	L86						31.2
Effective head room	H86						35.3
Seat facing direction							Rear

**STATION WAGON - CARGO SPACE**

Cargo length at floor - front seat	L202						94.3
Cargo length at belt - front seat	L204						84.2
Cargo width - Wheelhouse	W201						48.5
Opening width at belt	W204						46.0
Maximum cargo height	H201						31.6
Rear opening height	H202						Door:28.4;gate:27.0
Cargo volume index (cu. ft.) W4 x L204 x H201 1728	V2						91.3 (a)

(a) Additional concealed cargo area for 2-seat wagon: 7.9 cubic feet

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MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(\*)</sup> 3-8-73

## POWER TEAMS

(Indicate whether standard or optional)

Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

MODEL AVAILABILITY		ENGINE					TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio) (a)
		Displ. cu. in.	Carb.	Compr. Ratio	Net @ RPM			
					BHP	Torque		
6 Cyl	Std L,H	225	1,1-V	8.4	(1) 105 @ 4000	(1) 185 @ 1600	Manual 3-spd	3.21*, 3.23, 3.55**
					Automatic	2.94*, 3.21*, 3.23 3.55** (b)		
V-8	Std L,H,P	318	1,2-V	8.6	150 @ 3600	265 @ 2000	Manual 3, 4-spd	2.94*, 3.21*, 2.71** 3.23, 3.55**
					Automatic	2.71, 3.21*, 3.23, 3.55**		
	Opt 21,23	340	1,4-V	8.5	240 @ 4800	295 @ 3600	Manual 4-spd	3.23, 3.55**
					Automatic	3.23, 2.76*, 3.55**		
	Opt L,H,P	400	1,2-V	8.2	175 @ 3600	305 @ 2400	Automatic	2.71, 3.23
					1,4-V	260 @ 4800	335 @ 3600	Manual 4-spd
			Automatic			2.76*, 3.23, 3.55**		
			Opt Charger		440	1,4-V	8.2	280 @ 4800
Station Wagon								
V-8	Std L,H,P	318	1,2-V	8.6	150 @ 3600	265 @ 2000	Manual	3.23
					Automatic	2.94*, 3.23, 2.76*		
	Opt L,H,P	400	1,2-V	8.2	175 @ 3600	305 @ 2400	Automatic	2.76*, 3.23
					1,4-V	260 @ 4800	335 @ 3600	Manual
Automatic	3.23, 2.76*							

With sales code N95 emission control package

(1)BHP: 98 @ 4000; torque: 178 @ 1600

(a) Sure Grip available except as noted, A/C does not change ratio

(b) 3.21 ratio standard in California

\* Sure Grip NA

\*\* Sure Grip only

## AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (a)

MODEL	225 CID	318 CID	340 CID
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## 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	4.04 x 3.31
Piston displacement, cu. in.	225	318	340
Bore spacing (C to C)	(a)	4.46	
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	1-8-4-3-6-5-7-2	
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	Inclined rear to front 2°30'		
Taxable horsepower	$\frac{\text{Dia}^2 \times \text{No. Cyl.}}{2.5}$	27.7	48.9
			52.2
Recommended fuel regular – premium	91 Octane Minimum		
Cylinder Head Volume (cc)	57.0 to 60.0	66.1 to 69.1	68.9 to 71.9
Head Gasket Thickness (Compressed)	0.021 to 0.023	0.032 to 0.035	0.036 to 0.040
Head Gasket Volume (cc)	3.33 to 3.69	6.56 to 7.24	7.86 to 8.82
Deck Clearance (minimum) (below block)	0.115	0.066	0.064
Minimum Combustion Chamber Volume (cc)	82.81	86.22	92.09

## ENGINE – PISTONS

Material	Aluminum alloy		
Description and finish	Closed slipper type, steel strut, elliptically turned, tin plated		Open slipper Type
Weight (piston only) oz.	16.4	20.9	25.4
Clearance (limits)	Top land	0.024 min	0.018 min
	Skirt	Top	0.0005 to 0.0015
		Bottom	-0.0005 to 0.0015
Ring groove diameter	No. 1 ring	3.014	3.478
	No. 2 ring	3.014	3.478
	No. 3 ring	3.010	3.503
	No. 4 ring		--

(a) 3.98 (1-2, 3-4, 5-6); 4.0 (2-3, 4-5)

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DODGE		CORONET/CHARGER		MODEL YEAR	1973	DATE ISSUED	6-28-72	REVISED (•)
MAKE OF CAR		CORONET/CHARGER		400 CID		440 CID		
MODEL		1, 2-V		1, 4-V				

## ENGINE - GENERAL

Type, no. cyls., valve arr.	90° V-8, OHV	
Bore and stroke (nominal)	4.34 x 3.38	4.32 x 3.75
Piston displacement, cu. in.	400	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	
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	Inclined rear to front: 2°30'	
Taxable horsepower	60.3	59.7
Recommended fuel regular - premium	91 Octane Minimum	
Cylinder Head Volume (cc)	86.7 to 89.7	
Head Gasket Thickness (Compressed)	0.021 to 0.023	
Head Gasket Volume (cc)	5.41 to 5.94	
Deck Clearance (minimum) ( below block)	0.090	0.138
Minimum Combustion Chamber Volume (cc)	114.12	125.45

## ENGINE - PISTONS

Material	Aluminum alloy		
Description and finish	Closed slipper-type, steel strut, elliptically turned, tin plated		
Weight (piston only) oz.	27.1	28.3	
Clearance (limits)	Top land	0.022 min	
	Skirt	Top	0.00025 to 0.00125
		Bottom	-0.00075 to 0.00125
Ring groove diameter	No. 1 ring	3.863	3.841
	No. 2 ring	3.863	3.841
	No. 3 ring	3.937	3.923
	No. 4 ring	--	



# AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(a)</sup>

<b>MODEL</b>	225 CID	318 CID	340 CID
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## ENGINE - RINGS

<b>Function</b> (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	
<b>Compression</b>	Description - material, coating, etc.	#1 Cast iron, twist and taper faced tin-plated	(a)
		#2 Cast iron, reverse twist and taper, lubrite-coated	
	Width	0.078	
	Gap	0.010 to 0.020	0.013 to 0.023
<b>Oil</b>	Description - material, coating, etc.	3-piece abutment-type, stainless steel spacer-expanded with chrome-plated segments	
	Width	0.188	
	Gap	Not applicable	
	<b>Expanders</b>	See above	

## ENGINE - PISTON PINS

<b>Material</b>	Carbon steel-carburizing grade		
<b>Length</b>	2.965	2.995	
<b>Diameter</b>	0.9008	0.9842	
<b>Type</b>	Locked in rod, in piston, floating, etc.	Press fit in rod	
	Bush- ing	In rod or piston	None
		Material	--
<b>Clearance</b>	In piston	0.00045 to 0.00075	0.00025 to 0.00075
	In rod	0.00045 to 0.0014 (b)	0.0007 to 0.0014 (b)
<b>Direction &amp; amount offset in piston</b>		Right 0.06	

## ENGINE - CONNECTING RODS

<b>Material</b>	Drop-forged steel		
<b>Weight (oz.)</b>	26.8	25.6	26.7
<b>Length (center to center)</b>	6.699	6.123	
<b>Bearing</b>	Material & Type	Lead base babbitt on steel	Bi-metal grid
	Overall length	0.985	0.843
	Clearance (limits)	0.0005 to 0.0025	
	End play	0.007 to 0.013	0.010 to 0.018 (2 rods)

(a) Cast iron, twist and barrel-lap face, moly-filled

(b) Interference

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(\*)</sup>

	400 CID	
MODEL	1, 2-V	1, 4-V
		440 CID

### 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	Cast iron, twist and radius faced, tin plated
		#2	Cast iron, reverse twist, taper faced and lubrite-coated
	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
	Width		0.188
	Gap		Not applicable
Expanders			See above

### ENGINE – PISTON PINS

Material	Carbon steel-carburizing grade		
Length	3.565		
Diameter	1.0936		
Type	Locked in rod, in piston, floating, etc.	Press-fit in rod	
	Bush- ing	In rod or piston	None
		Material	--
Clearance	In piston	0.00045 to 0.00075	
	In rod	0.0007 to 0.0014 interference	
Direction & amount offset in piston	Right 0.009		

### ENGINE – CONNECTING RODS

Material	Drop-forged steel		
Weight (oz.)	28.6		29.8
Length (center to center)	6.358		6.768
Bearing	Material & Type	Babbitt on steel	Tri-metal
	Overall length	0.927	
	Clearance (limits)	0.0005 to 0.0025	0.0007 to 0.0032
	End play	0.009 to 0.017 (2 rods)	

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(a)</sup>

MODEL \_\_\_\_\_ 225 CID \_\_\_\_\_ 318 CID \_\_\_\_\_ 340 CID \_\_\_\_\_

## ENGINE – CRANKSHAFT

Material		Forged steel	Cast ductile iron	
Vibration damper type		Non-adhesive, rubber-tuned, dynamic		
End thrust taken by bearing (No.)		Three		
Crankshaft end play		0.002 to 0.010		
Main bearing	Material & type	Lead-base babbitt on steel, removable precision (a)		
	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
		No. 2	2.75 x 1.034	2.5 x 0.872
		No. 3	2.75 x 1.254	2.5 x 1.151
		No. 4	2.75 x 1.034	2.5 x 0.872
		No. 5	--	2.5 x 1.322
		No. 6	--	--
No. 7		--	--	
Dir. & amt. cyl. offset		None		
No. bolts/main brg. cap		Two		
Crankpin journal diameter		2.187	2.125	

## ENGINE – CAMSHAFT

Location		Right	Center of 'V' above crankshaft	
Material		Hardenable cast iron, oil pump and distributor drive gear integral		
Bearings	Material	Lead-base babbitt on steel		
	Number	Four	Five	
Type of Drive	Gear or chain	Chain	Double-roller chain	
	Crankshaft gear or sprocket material	Sintered iron (Super Oilite)		
	Camshaft gear or sprocket material	Nylon - coated	Cast iron	
	Timing chain	No. of links	50	68
		Width	0.88	0.63
Pitch		0.50	0.375	

(a) Aluminum alloy on steel, removable, precision, except No. 5 lead-base babbitt on steel

# AMA Specifications Form—Passenger Car

DODGE  
 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (e)  
 MODEL 400 CID 1,2-V 1,4-V 440 CID

## ENGINE – CRANKSHAFT

Material	Cast ductile iron or forged steel		Forged steel	
Vibration damper type	Non-adhesive, rubber tuned, dynamic			
End thrust taken by bearing (No.)	Three			
Crankshaft end play	0.002 to 0.010			
Main bearing	Material & type	Lead-base babbitt on steel except #3 aluminum alloy on steel	Aluminum alloy on steel	
	Clearance	0.0005 to 0.0025 specified; 0.0010 to 0.0020 desired		
	Journal dia. and bearing overall length	No. 1	2.625 x 0.944	2.75 x 0.944
		No. 2	2.625 x 0.944	2.75 x 0.944
		No. 3	2.625 x 1.223	2.75 x 1.223
		No. 4	2.625 x 0.944	2.75 x 0.944
		No. 5	2.625 x 0.944	2.75 x 0.944
		No. 6	--	--
No. 7		--	--	
Dir. & amt. cyl. offset	None			
No. bolts/main brg. cap	Two			
Crankpin journal diameter	2.38			

## ENGINE – CAMSHAFT

Location	Center of 'V' above crankshaft			
Material	Hardenable cast iron, oil pump and distributor drive gear integral			
Bearings	Material	Lead-base babbitt on steel		
	Number	Five		
Type of Drive	Gear or chain	Chain		
	Crankshaft gear or sprocket material	Sintered iron (Super Oilite)		
	Camshaft gear or sprocket material	Nylon-coated aluminum		
	Timing chain	No. of links	50	
		Width	0.75	
Pitch		0.50		

# AMA Specifications Form—Passenger Car

DODGE					
MAKE OF CAR		CORONET/CHARGER	MODEL YEAR 1973		
		DATE ISSUED 6-28-72	REVISED (e)		
MODEL		225 CID	318 CID		
			340 CID		
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	Hydraulic		
	Exhaust	0.020 hot	Hydraulic		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	16	10	22
		Closes (°ABC)	48	50	66
		Duration (deg.)	244	240	268
	Exhaust	Opens (°BBC)	54	52	74
		Closes (°ATC)	10	16	22
		Duration (deg.)	244	248	276
	Valve open overlap (deg.)		26		44
Material		SAE 1041 or 1047		Silchrome 1	
Overall length		4.77	4.97	4.98	
Actual overall head dia.		1.62	1.78	1.88	
Angle of seat & face (deg.)		Seat: 44.5 to 45; Face: 45 to 45.5			
Seat insert material		None			
Stem diameter		0.372 to 0.373		0.3715 to 0.3725	
Stem to guide clearance		0.001 to 0.003		0.0015 to 0.0035	
Intake	Lift (@ zero lash)		0.406	0.373	0.429
	Outer spring press. & length	Valve closed (lb.@in.)	63 @ 1.65	92 @ 1.65	96 @ 1.65
		Valve open (lb.@in.)	160 @ 1.24	189 @ 1.28	238 @ 1.22
	Inner spring press. & length	Valve closed (lb.@in.)	None		Surge damper
		Valve open (lb.@in.)	None		Surge damper
	Material		21-2		
Overall length		4.80	5.00		
Actual overall head dia.		1.36	1.50	1.60	
Angle of seat & face(deg.)		Seat 44.5 to 45.0; Face: 47.0 to 47.5			
Seat insert material		Induction hardened (integral)			
Stem diameter		0.371 to 0.372		0.3705 to 0.3715	
Stem to guide clearance		0.002 to 0.004		0.0025 to 0.0045	
Exhaust	Lift (@ zero lash)		0.414	0.400	0.444
	Outer spring press. & length	Valve closed (lb.@in.)	63 @ 1.65	92 @ 1.65	96 @ 1.65
		Valve open (lb.@in.)	160 @ 1.25	193 @ 1.25	241 @ 1.21
	Inner spring press. & length	Valve closed (lb.@in.)	None		Surge damper
		Valve open (lb.@in.)	None		Surge damper

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*)

MODEL	400 CID		440 CID
	1,2-V	1,4-V	

**ENGINE - VALVE SYSTEM**

Hydraulic lifters (Std., opt., 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	Hydraulic
	Exhaust	Hydraulic

Timing (based on top of ramp points)	Intake	Opens (°BTC)	18	21
		Closes (°ABC)	62	67
		Duration (deg.)	260	268
	Exhaust	Opens (°BBC)	68	79
		Closes (°ATC)	20	25
		Duration (deg.)	268	284
Valve open overlap (deg.)		38	46	

Intake	Material		SAE 1041 or 1047	
	Overall length		4.86	
	Actual overall head dia.		2.08	
	Angle of seat & face (deg.)		Seat: 44.5 to 45.0; Face: 45.0 to 45.5	
	Seat insert material		None	
	Stem diameter		0.3723 to 0.3730	0.3718 to 0.3725
	Stem to guide clearance		0.0010 to 0.0027	0.0015 to 0.0032
	Lift (@ zero lash)		0.434	0.449
	Outer spring press. & length	Valve closed (lb.@in.)	125 @ 1.86	105 @ 1.86
		Valve open (lb.@in.)	200 @ 1.42	234 @ 1.40
	Inner spring press. & length	Valve closed (lb.@in.)	None	Surge damper
		Valve open (lb.@in.)	None	Surge damper

Exhaust	Material		21-2	
	Overall length		4.89	
	Actual overall head dia.		1.74	
	Angle of seat & face(deg.)		Seat: 44.5 to 45.0; Face: 45.0 to 45.5	
	Seat insert material		Induction hardened (integral)	
	Stem diameter		(a)	(c)
	Stem to guide clearance		(b)	(d)
	Lift (@ zero lash)		0.430	0.464
	Outer spring press. & length	Valve closed (lb.@in.)	125 @ 1.86	105 @ 1.86
		Valve open (lb.@in.)	200 @ 1.42	234 @ 1.40
	Inner spring press. & length	Valve closed (lb.@in.)	None	Surge damper
		Valve open (lb.@in.)	None	Surge damper

- (a) Hot end: 0.3713 to 0.3720; Cold end: 0.3723 to 0.3730
- (b) Hot end: 0.0020 to 0.0037; Cold end: 0.0010 to 0.0027
- (c) Hot end: 0.3708 to 0.3715; Cold end: 0.3718 to 0.3725
- (d) Hot end: 0.0025 to 0.0042; Cold end: 0.0015 to 0.0032

## AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*)

MODEL	225 CID	318 CID	340 CID
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## 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	
Oil pump type	Rotary		
Normal oil pressure (lb. engine rpm)	45 to 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		
Filter replacement (element, complete)	Complete		
Capacity of c/case, less filter-refill (qt.)	4		
Oil grade recommended (SAE viscosity and temperature range)	Consistently above +32°F.. SAE: 10W-30, 10W-40, 10W-50 20W-40, 20W-50, 30 Occasionally as low as -10°F..SAE:5W-40, 10W-30,10W-40,10W-50 Range between +32°F and -10°F..SAE:10W, 10W-30,10W-40, 10W-50 Consistently below +10°F..SAE: 5W-20, 5W-30, 5W-40		
Engine Service Reqmt. (MM, MS, etc.)	SE		

## 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 flow (a)		Two, reverse flow
Exhaust pipe dia. (O.D., wall thick.)	Branch	1.75 x 0.067	--
	Main	1.88 x 0.067	2.00 x 0.067
Tail pipe dia. (O.D. & wall thickness)	1.88 x 0.043	2.00 x 0.043 (a)	2.25 x 2.00 x 0.043

(a) 318 CID with quiet package - add: one resonator  
: tail pipe 1.88 x 0.043

## AMA Specifications Form—Passenger Car

DODGE  
 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*) 3-8-73

MODEL	400 CID		440 CID
	1, 2-V	1, 4-V	

## ENGINE – LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston pins	Metered jet spray
	Camshaft bearings	Pressure
	Tappets	Pressure
	Timing gear or chain	Jet
	Cylinder walls	Metered jet spray
Oil pump type	Rotary	
Normal oil pressure (lb. engine rpm)	45 to 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	
Filter replacement (element, complete)	Complete	
Capacity of c/case, less filter-refill (qt.)	4	
Oil grade recommended (SAE viscosity and temperature range)	Consistently above +32°F..SAE: 10W-30, 10W-40, 10W-50 20W-40, 20W-50, 30	
	Occasionally as low as -10°F..SAE: 5W-40, 10W-30, 10W-40, 10W-50	
	Range between +32°F and -10°F..SAE: 10W, 10W-30, 10W-40, 10W-50 Consistently below +10°F.. SAE: 5W-20, 5W-30, 5W-40	
Engine Service Reqmt. (MM, MS, etc.)	SE	

## ENGINE – EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single with Crossover	Dual	
		Two reverse flow	Two reverse flow Two resonators
Muffler No. & type (reverse flow, straight thru, separate resonator)	One reverse flow (c)	Two reverse flow	Two reverse flow Two resonators
Exhaust pipe dia. (O.D., wall thick.) (a)	Branch	1.88 x 0.075	--
	Main	2.25 x 0.075	2.25 x 0.075 2.50 x 0.075
Tail pipe dia. (O.D. & wall thickness)	(b) x 0.043	2.25 x 2.00 x 0.043	2.25 x 0.043

(a) With quiet package (400-2V) 2-ply laminated wall (0.038/0.038)

(b) Sedans 2.25 x 2.00, Quiet package & station wagon 2.25

(c) Quiet package includes resonator



# AMA Specifications Form—Passenger Car

DODGE

**MAKE OF CAR** CORONET/CHARGER **MODEL YEAR** 1973 **DATE ISSUED** 6-28-72 **REVISED** <sup>(\*)</sup> 3-8-73

<b>MODEL</b>	225 CID	318 CID	340 CID	400 CID	440 CID
				2-V	4-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.)	See page 12				
Fuel Tank	Filler location	Rear center except left rear fender on station wagon				
Fuel Pump	Type (elec. or mech.)	Mechanical				
Fuel Pump	Locations	Right center	Right front			
Fuel Pump	Pressure range	4 to 5.5	6 to 7.5	4 to 5.5		
Vacuum booster (std., optional, none)		None				
Fuel Filter	Type #1	Plastic: fuel tank				
Fuel Filter	Locations #2	Nylon: fuel pump	Paper: supply line			
Choke type		Automatic, electric assist, separate				
Intake manifold heat control (exhaust or water)		Exhaust				
Carburetor	Air cleaner type	Standard	Paper element			
		Optional	--			
	Idle speed neutral	Manual	750	750	850	-- 900 --
		Automatic	750	700	850	700 850 800
	Idle A/F mix.	14.3				

### CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors			No. Used and Type	Barrel Size
			Make	Ex. Calif.	Calif. Only		
Six	225	Manual	Holley	R-6593A		1,1-V	1.69
		Automatic		R-6594A	R-6596A		
V-8	318	Manual	Carter	BBD-6316S	BBD-6343S	1,2-V	1.44
		Automatic		BBD-6317S	BBD-6344S		
	340	Manual		TQ-6318S	TQ-6339S	1,4-V	P: 1.38 S: 2.25
		Automatic		TQ-6319S	TQ-6340S		
	400	Automatic	Holley	R-6454A	R-6472A	1,2-V	1.56
		Manual	Carter	TQ-6320S	TQ-6341S	1,4-V	P: 1.50 S: 2.25
Automatic				TQ-6321S	TQ-6342S		
440	Automatic	TQ-6324S		TQ-6411S			

# AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*) 3-8-73

<b>MODEL</b>	225 CID	318 CID	340 CID	400 CID	440 CID
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**ENGINE – COOLING SYSTEM**

Type system (pressure, pressure vented, atmospheric, other)		Pressure vented					
Radiator cap relief valve pressure		16					
Circulation thermostat	Type (choke, bypass)	Choke, pellet					
	Starts to open at (°F)	195°					
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	15	17	16.5	
	Without heater (qt.)	12	15	14	16	15.5	
	Opt. equipment-specify (qt.)	--	17.5	15.5	--	--	
Water jackets full length of cyl. (yes, no)		No		Yes			
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		17.5	18.5		20	
	Ratio-fan to crankshaft rev.		1.07 :1	0.95:1	1.2:1	1.17:1	
	Fan cutout type		Solid		Thermal	Solid Thermal	
	Bearing type		Ball, integral shaft permanently sealed				
* Drive belts (indicate belt used by letter)	Fan		See page 11A				
	Generator or alternator		"				
	Water Pump		"				
	Power Steering		"				
	Air Conditioning		"				
	Air Pump		"				

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V											
Nominal length (SAE)											
Width											

# AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*)

ENGINE		225 CID	318 CID			340 CID		
* Drive belts (indicate belt used by letter)	Fan	A	D	F	H	D	I	H
	Generator or alternator	A	D	G	G	D	G	G
	Water Pump	A	D	F	H	D	I	H
	Power Steering	B	E	--	H	E	--	H
	Air Conditioning	--	--	G	G	--	G	G
	Air Pump	C	--					

* Drive Belt Dimensions	A	B	C	D	E	F	G Dual	H	I	J	K
Angle of V	36	36	36	36	36	36	36	36	36		
Nominal length (SAE)	56.8	40.0	35.0	47.8	38.0	37.5	54.3	45.5	37.0		
Width	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38	0.38		

ENGINE		400 and 440 CID					
* Drive belts (indicate belt used by letter)	Fan	A	A	D	E		
	Generator or alternator	A	A	F	F		
	Water Pump	A	A	D	E		
	Power Steering	B	C	D	E		
	Air Conditioning	--		F	F		

* Drive Belt Dimensions	A	B	C	D	E	Dual	G	H	I	J	K
Angle of V	36	36	36	36	36	36					
Nominal length (SAE)	45.3	43.5	44.5	49.8	50.8	58.0					
Width	0.38	0.38	0.38	0.38	0.38	0.38					

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (9)

MODEL 225 CID, 318 CID, 340 CID, 400 CID, 440 CID

**VEHICLE EMISSION CONTROL**

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Engine modifications, air injection, valve controlled exhaust gas recirculation for NO <sub>x</sub> control	
	Air Injection Pump	Type	Positive displacement-2 vane	
		Displacement	19.3 CID	
		Drive ratio	1.24:1	
		Drive type	V-belt and pulley	
		Relief valve (type)	Spring loaded valve	
		Filter (describe)	Centrifugal air cleaner	
	(a) (b)	Air Injection System	Air distribution (head, manifold, etc.)	Cylinder head
			Point of entry	Exhaust port
			Injection tube i.d.	0.3125
Check valve type			Rubber diaphragm	
	Backfire protection (type)	Diverter valve		
Type (ventilates to atmos., induction system, other)		Standard	Closed induction system	
		Optional	--	
Crankcase Emission Control	Control Unit	Make and model	Chrysler Introl Division-3671076	
		Location	Rocker arm cover	
		Energy source (manifold vacuum, carburetor, other)	Manifold vacuum	
		Control method (variable orifice, fixed orifice, other)	Variable orifice	
	Complete system	Discharges (to intake manifold, other)	Base of carburetor	
Air inlet (breather cap, other)		Carburetor air cleaner		
Flame arrestor (screen, other)		Crankcase vent valve and air cleaner		
Evaporative Emission Control	Fuel Tank	Refill Capacity (U.S. gallons)	19.5 except wagons 21 wagons	
		Thermal expansion volume (cu. ft.)	0.445 except wagons 0.42 wagons	
		Pressure relief location (lbs.)	Filler cap: 0.902 to 1.263 PSI	
		Vacuum relief location (lbs.)	Filler cap: 0.108 to 0.252 PSI	
		Vapor-liquid separator type	Vapor separator container	
		Vapor vented to (crankcase, cannister, other)	Charcoal cannister	
	Carburetor	Vapor vented to (crankcase, cannister, other)	Charcoal cannister	
		Vapor Storage	Storage provision (crankcase, cannister, other)	Charcoal cannister
			Volume (cu. ft.) or capacity (grams)	Approx. 650 grams
		Control valve type	Control port in carburetor throttle body	
			None -	

(a) 225 CID - air pump sales code N95 emission control package only

(b) 340 & 400 4-V NO<sub>x</sub> control by manifold floor orifice

# AMA Specifications Form—Passenger Car

	DODGE			
MAKE OF CAR	CORONET/CHARGER	MODEL YEAR	1973	DATE ISSUED
				6-28-72
				REVISED (*)
MODEL	225 CID	318 CID	340 CID	400 CID
				440 CID

## ELECTRICAL – SUPPLY SYSTEM

Battery	Make and Model		2875951		3755120	3755069	
	Voltage Rtg. & Total Plates		12, 54		12, 66	12, 78	
	SAE Designation & Amp. Rtg.		280 Amp @ 0°F		375 Amp	440 Amp	
	Location		Left front fender shield				
	Terminal grounded		Negative				
Alternator	Make		Chrysler				
	Model		3438804		3656645		
	Type and rating		41 Amp				
	Output at engine idle (neutral)		--				
	Ratio—Gen. to Cr./s rev.		2.70:1	2.55:1		2.66:1	
Regulator	Make		Chrysler				
	Model		3438150				
	Type		Voltage control				
	Cutout relay	Closing voltage @ generator rpm		--			
		Reverse current to open		--			
	Regulated	Voltage		13.8 to 14.4			
		Current		--			
	Voltage test conditions	Temperature		80°F			
Load		15 Amp					
Other		--					

## ELECTRICAL – STARTING SYSTEM

Starting Motor	Make		Chrysler				
	Model		2875560		3656575		
	Rotation (drive end view)		Clockwise				
Motor control	Switch (solenoid, manual)		Solenoid				
	Starting procedure	Cold Start		(a)			
Motor Drive	Engagement type		Solenoid				
	Pinion meshes (front, rear)		Front				
	Number of teeth	Pinion		10			
		Flywheel	Manual	122		130	
	Auto.		122		130		
	Flywheel tooth face width		Manual	0.340			
Auto.			0.340				

(a) 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 Form—Passenger Car

DODGE  
**MAKE OF CAR** CORONET/CHARGER **MODEL YEAR** 1973 **DATE ISSUED** 6-28-72 **REVISED (e)**  
**MODEL** 225 CID 318 CID 340 CID 400 2-V 400 4-V 440 CID

**ELECTRICAL - IGNITION SYSTEM - DISTRIBUTOR**

Breaker gap (in.)		--					
Cam angle (deg.)		--					
Brkr. arm tension (oz.)		--					
Distributor	Manual	3755037	3656763	3656771	--	3656794	--
	Automatic	3755042	3656763	3656771	3656791	3656802	3755157
Timing (a)	Manual	TDC	2.5°BTC	5° BTC	--	2.5°BTC	--
	Automatic	TDC	TDC	2.5°BTC	10° BTC	7.5°BTC	10° BTC

(a) Transmission in neutral, crankshaft degrees @ engine idle RPM (see page 10)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Max.	Start	Max.
3656763	2 to 12 @ 1100	13 to 17 @ 1500	27 to 32 @ 4100	0 to 5 @ 9	19 to 24 @ 15
3656771	0 to 7 @ 1200	18 to 22 @ 2200	23 to 27 @ 4500	1 to 6 @ 9	14 to 19 @ 12.5
3656791	1 to 7 @ 1100	16 to 21 @ 1700	27 to 32 @ 4300	2 to 8 @ 10.5	16 to 21 @ 15.5
3656794	0 to 5 @ 1200	16 to 21 @ 2000	27 to 31 @ 4300	2 to 8 @ 10.5	16 to 21 @ 15.5
3656802	1 to 8 @ 1300	12 to 16 @ 1900	20 to 24 @ 4000	2 to 8 @ 10.5	16 to 21 @ 15.5
3755037	1 to 9 @ 1100	18 to 22 @ 1800	24 to 28 @ 4000	0 to 5 @ 9	14 to 19 @ 15
3755042	1 to 9 @ 1100	18 to 22 @ 1800	24 to 28 @ 4000	0 to 5 @ 7	19 to 24 @ 15
3755157	1 to 8 @ 1300	12 to 16 @ 1900	20 to 24 @ 4000	2 to 8 @ 10.5	16 to 21 @ 15.5

DODGE		CORONET/CHARGER		MODEL YEAR	1973	DATE ISSUED	6-28-72	REVISED (a)	
MAKE OF CAR	225 CID			318 CID	340 CID	400 CID		440 CID	
						1,2-V	1,4-V		
MODEL									

## ELECTRICAL – IGNITION SYSTEM

Type	Conventional – Std., Opt., N.A.		NA							
	Transistorized – Std., Opt., N.A.		Std							
	Other (specify)		--							
Coil	Make		Chrysler			Essex: 2444241		or		Prestolite: 2444242
	Model		--							
	Amps	Engine stopped		3.0						
		Engine idling		1.9						
Spark Plug	Make		Champion							
	Model		N-14Y	N-13Y	N-12Y	J-13Y	J-11Y			
	Thread (mm)		14 mm							
	Tightening torque (lb. ft.)		30 to 32							
	Gap		0.035							
Cable	Conductor type		Resistor							
	Insulation type		Hypalon (a)							
	Spark plug protector		Silicone							

## ELECTRICAL – SUPPRESSION

Locations & type	Resistor type ignition cables
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## ELECTRICAL – INSTRUMENTS AND EQUIPMENT

Speed-ometer	Type	Magnetic torque drive
	Trip odometer (std. opt., N.A.)	NA
Charge indicator – type		Ammeter
Temperature indicator – type		Electric thermal
Oil pressure indicator – type		Light (b)
Fuel indicator – type		Electric thermal
Wind-shield wiper	Type – Standard	Electric 2-speed
	Type – Optional	Electric 3-speed
Wind-shield washer	Type – Standard	Electric
	Type – Optional	--
Horn	Type	Four inch sea shell
	Number used	Two (c)
	Amp draw (each)	4-6
Other		Brake system and parking brake warning light

(a) 400 and 440 CID silicone on cylinders 5, 6, 7 and 8

(b) Rallye Cluster: electric thermal gage

(c) L price class: 1 horn std; 2 opt.

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (e)

MODEL	255 CID	318 CID	340 CID	400 CID	440 CID
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### DRIVE UNITS – CLUTCH (Manual Transmission)

Make & type	Borg and Beck, dry disc			
Type pressure plate springs	Coil			
Total spring load (lb.)	1375	1693	2181	2563
No. of clutch driven discs	One			
Material	Woven asbestos			
Outside & inside dia.	9.25 x 6.00	10.5 x 6.5		11.0 x 6.5
Total eff. area (sq.in.)	77	106.8		122.0
Thickness	0.125		0.135	
Engagement cushioning method	Flat-wave springs			
Type & method of lubrication	Ball bearing, permanently lubricated			
Methods: springs, friction material	Coil springs and friction washers			

### DRIVE UNITS – TRANSMISSIONS

Manual 3-speed (std., opt. N.A.)	Std	NA
Manual 4-speed (std., opt. N.A.)	NA	Opt
Automatic (std., opt. N.A.)	Opt	Std

### DRIVE UNITS – MANUAL TRANS.

Number of forward speeds	3	4
	225 and 318 CID	318, 340 and 400 4-V
In first	3.08	2.47
In second	1.70	1.77
In third	1.00	1.34
In fourth	--	1.00
In reverse	2.90	2.40
Synchronous meshing, specify gears	1,2,3	1,2,3,4
Shift lever location	3-speed: steering column 4-speed: floor or console	
Capacity (pt.)	4.75	7.5
Type recommended	DEXRON automatic transmission fluid	
SAE viscosity number	Summer	NA
	Winter	NA
	Extreme cold	NA



# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(\*)</sup>

MODEL	225 CID	318 CID	340 CID	400 CID		440 CID
				1, 2-V	1, 4-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	72	88	73	94	73
Max. kickdown speed—drive range	66	80	67	86	67
Torque convertor	Number of elements	Three			
	Max. ratio at stall	2.16:1		2.02:1	2.16:1
	Type of cooling (air, liquid)	Liquid			
Lubricant	Nominal diameter	10.75		11.75	10.75
	Capacity—refill (pt.)	17.0	16.3	19.0	16.3
	Type recommended	DEXRON automatic transmission fluid			
Special transmission features	Part-throttle kickdown (3-2)				

## 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 (a)	Manual 3-speed trans. 4 dr	3.00 x 57	3.25 x 53	--	3.25 x 53	--
	Manual 3-speed trans. 2 dr	3.00 x 55	3.25 x 51	--	3.25 x 51	--
	Manual 4-speed trans. 4 dr	--	3.25 x 53	--	3.25 x 53	--
	Manual 4-speed trans. 2 dr	--	3.25 x 51	--	3.25 x 51	--
	Overdrive transmission	NA				
	Automatic transmission 4 dr	3.00 x 57	3.25 x 53			
Automatic transmission 2 dr	3.00 x 55	3.25 x 51				

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

(Continued)

(a) All lengths to nearest inch, wall thickness 0.065

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(\*)</sup> 3-8-73

MODEL	225 CID	318 CID	340 CID	400 CID		440 CID
				1,2-V	1,4-V	

## 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	29			
	Spline O.D.	1.325			
Universal joints	Make and Mfg. No.	7260	7290	7260	7290
	Number used	Two			
	Type (ball and trunion, 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)		Rear			
Description	Carrier Housing	Unitized		Separable	
	Ring Gear	8-1/4 O.D.		8-3/4 O.D.	
Limited Slip differential, type		Friction bias			
Drive Pinion Offset		1.85		1.50	
No. of differential pinions		Two			
Pinion adjustment (shim, other)		Shim			
Pinion bearing adj. (shim, other)		Collapsible spacer			
Wheel bearing type		Straight roller		Tapered roller	
Capacity (pt.)		4-1/2			
Type recommended		API GL-5 3744994			
Lubricant	SAE vis. number	Summer	Above -10°F		SAE 90
		Winter	Between -10°F and -30°F		SAE 80
		Extreme cold	Below -30°F		SAE 75

## AXLE RATIO TOOTH COMBINATIONS

(See page 4 for axle ratio usage)

Axle ratio		2.71	2.76	2.94	3.21	3.23	3.55
No. of teeth	Pinion	17		16	14	13	11
	Ring gear	46	47	47	45	42	39
Ring Gear O.D.		8-1/4	8-3/4	8-1/4		8-3/4	

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(\*)</sup>  
 MODEL 225 CID 318 exc. L21 340 CID  
318: L21 only 400 CID (a) 440 CID (a) All Wagons

### DRIVE UNITS — TIRES AND WHEELS (STANDARD)

Size, load range, ply		E78 x 14 B2/2	F78 x 14 B2/2	F70 x 14 B2/2	H78 x 14 B2/2	
TIRES	Type (bias, radial, etc.)	Bias belted				
	Normal max. load inflation pressure (cold)	Front	32	28	30	22
		Rear	32	28	30	32
	Rev./mile @ 45 mph	795	782	790	749	
Type & material		Disc, steel				
WHEELS	Rim (size & flange type)	14 x 5.0 J		14 x 5.5 JJ		
	Attachment	Type (bolt or stud)	Stud			
		Circle diameter	4.5			
		Number & size	Five 1/2-20 NF			
	Spare wheel (same or other)	Same				

### DRIVE UNITS — TIRES AND WHEELS (OPTIONAL) (b)

Size, load range, ply		F78 x 14 B2/2	G78 x 14 B2/2	G70 x 14 B2/2	HR78-14	
Type (bias, radial, etc.)		Bias belted				Radial
Normal max. load inflation pressure (cold)	Front	28	28	28	22	
	Rear	28	28	28	32	
Rev./mile @ 45 mph		782	768	774	743	
Wheel type & material		Disc, steel				
Rim (size & flange type)		14 x 5.0 J	14 x 5.5 JJ	14 x 6.0 JJ		

### DRIVE UNITS — TIRES AND WHEELS (OPTIONAL) (b)

Size, load range, ply		H78 x 14 B2/2	HR78 x 14	G60 x 15 B2/2
Type (bias, radial, etc.)		Bias belted	Radial	Bias belted
Normal max. load inflation pressure (cold)	Front	28		28
	Rear	28		28
Rev./mile @ 45 mph		749	743	784
Wheel type & material		Disc, steel		
Rim (size & flange type)		14 x 5.5JJ	14 x 6.0JJ	15 x 7.0JJ

### 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) G78 x 14 B2/2 std w/400 4-V P29 only; G70 x 14 B2/2 std w/440 CID

(b) Optional tire must be equal to or larger than standard tire

# AMA Specifications Form—Passenger Car

DODGE  
 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(e)</sup>

	All except Wagons	Wagons
--	-------------------	--------

**MODEL** \_\_\_\_\_

**BRAKES – SERVICE**

Type (drum) or (disc & no. of pistons)		Front: disc 1, Rear: drum		
Self adjusting (std., opt., N.A.)		Std		
Special Valving	Type (proportion, delay, metering, other)	Front: Metering Rear: Proportioning	Metering	
Power brake make & type (remote, int., etc.)	Std. Opt.	With 340, 400, 440 CID-integral With 225, 318 CID - integral	Integral --	
Effective area (sq. in.) *		136.0	144.8	
Gross lining area (sq. in.) **		138.0	146.8	
Swept area (sq. in.) ***		365.2	380.9	
Effectiveness %	Front	71		
	Rear	29		
Drum	Diameter (nominal)	Front Rear	-- 10      11	
	Type and material		Centrifuse or cast composite, cast iron	
Rotor	Outer working diameter		10.84	
	Inner working diameter		7.16	
	Thickness		1.00	
	Material & type (vented/solid)		Vented; cast iron	
Wheel cylinder bore	Front	2.75		
	Rear	0.9375		
Master Cylinder	Bore	Manual 1.00; power 1.03		
	Stroke	Manual 1.318; power 1.425		
Pedal arc ratio		3.18		
Line pressure at 100 lb. pedal load		1100		
Shoe Clearance	Front	No major adjustment required		
	Rear	No major adjustment required		
Anti-skid device type (std., opt., N.A.)		NA		
Brake lining	Bonded or riveted		Integrally molded	
	Front Wheel	Material	Molded asbestos	
		Size (a) (length x width x thickness)	Prim. or out-board	9.59 x 0.335
			Second. or in-board	9.59 x 0.405
		Segments per shoe		One
	Rear Wheel	Material	Molded asbestos	
		Size (a) (length x width x thickness)	Prim. or out-board	8.46 x 2.5 x 0.19
			Second. or in-board	9.31 x 2.5 x 0.19
		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) Area x thickness

## AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (a) 3-8-73

MODEL

21, 23, 29

41

45, 46

## 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.)	44.72	45.03	
		Curb to curb (l. & r.)	41.20	41.98	
	Inside rear	Wall to wall (l. & r.)	24.14	24.80	
		Curb to curb (l. & r.)	24.72	25.39	25.27
Manual	Gear	Type	Recirculating ball		
		Make	Chrysler		
		Ratios	Gear	24.0:1	
			Overall	28.78:1	
	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	18.82:1	
	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.)		8.0 @ 0		
	Bearings (type)	Upper	Ball joint		
		Lower	Ball joint		
		Thrust	Oil impregnated metal		
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		Manual steering: $-5/8 \pm 11/16$ Power steering: $+5/8 \pm 11/16$		
	Camber (deg.)		Left: $+1/2 \pm 3/8$ Right: $+1/4 \pm 3/8$		
	Toe-in (outside track inches)		$1/8 \pm 3/32$		
Steering spindle & joint type		Ball joint			
Wheel Spindle	Diameter	Inner bearing	1.3766		
		Outer bearing	0.7494		
	Thread size		3/4-16 UNF-3A		
	Bearing type		Tapered roller		

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED <sup>(a)</sup>

MODEL	225 CID	318 CID	340 CID
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## 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	
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.)	43.6 x 0.92		
	Spring rate (lb. per in.)	NA		
	Rate at wheel (lb. per in.)	96	103	122
Stabilizer	Type (link, linkless, frameless) <b>Link</b>	NA	Opt (a)	Std
	Material & bar diameter	Spring steel, 0.80		

## SUSPENSION – REAR

Type and description	Parallel, longitudinal leaf			
Drive and torque taken through	Rear springs			
Spring	Type	Semi-elliptical, asymmetrical		
	Material	Chromium alloy steel		
	Size (length x width, coil design height & I.D.; bar length & dia.)	58 x 2.5		
	Spring rate (lb. per in.)	100	118	
	Rate at wheel (lb. per in.)	2 drs. 129, 4 drs. 126	153	
	Mounting insulation type	Rubber		
	If leaf	No. of leaves	5	
Stabilizer	Shackle (comp. or tens.)	Compression		
	Type (link, linkless, frameless)	NA	Std: link	
	Material & bar diameter	Spring steel, 0.86		
Track bar type	None			

(a) Std. on Charger S.E.

## AMA Specifications Form—Passenger Car

DODGE		CORONET/CHARGER		MODEL YEAR	1973	DATE ISSUED	6-28-72	REVISED (*)
MAKE OF CAR		400 CID		440 CID		All		
MODEL		2-V	4-V	440 CID		45,46		

## 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		
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.)	43.6 x 0.92		
	Spring rate (lb. per in.)	NA		
	Rate at wheel (lb. per in.)	103	122	115
Stabilizer	Type (link, linkless, frameless) Link	Std		
	Material & bar diameter	Spring steel, 0.80		0.94

## SUSPENSION – REAR

Type and description		Parallel, longitudinal leaf			
Drive and torque taken through		Rear springs			
Spring	Type	Semi-elliptical, asymmetrical			
	Material	Chromium alloy steel			
	Size (length x width, coil design height & I.D.; bar length & dia.)	58 x 2.5			
	Spring rate (lb. per in.)	100	118	118	
	Rate at wheel (lb. per in.)	129 (a)	153	144	
	Mounting insulation type		Rubber		
	If leaf	No. of leaves	5	6	
Stabilizer	Type (link, linkless, frameless)	NA	Std		
	Material & bar diameter	Spring steel, 0.86			
	Track bar type	None			

(a) 4-drs. 126

# AMA Specifications Form—Passenger Car

MAKE OF CAR DODGE CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (a)

21	23	29	41	45	46
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MODEL \_\_\_\_\_

FRAME

Type and description (Separate frame, unitized frame, partially - unitized frame)	Unitized construction with isolated front crossmember
---	---

### 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)	Std: external	Opt: internal
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 & trans. shift (a)	
Vent window control method (crank, friction pivot)	Front	None
	Rear	None
Seat cushion type	Front	Formed wire
	Rear	Formed wire
	3rd seat	-- Zig-Zag
Seat back type	Front	Formed wire
	Rear	Formed wire Full volume foam
	3rd seat	-- Full volume foam
Windshield glass type (i.e., single curved - laminated plate)	Single, curved, laminated, safety 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	1324	1385
Side glass exposed surface area	1337 1332 1183	1572 2954
Backlight glass exposed surface area	865	937 736
Total glass exposed surface area	3526 3521 3372	3894 5075

(a) With floor shift, lockable steering only



# AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (e) 3-8-73

MODEL \_\_\_\_\_ All

## CONVENIENCE EQUIPMENT

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

Power windows	Side windows	Opt
	Vent windows	NA
	Backlight or tailgate	Opt: Station Wagon
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)		Std
Radios (specify type as well as availability)		Opt: AM, AM-FM, AM-FM stereo
Rear seat speaker		Opt: AM, AM-FM      Std: stereo units
Power antenna		NA
Clock		Opt
Air conditioner (specify type and availability)		Opt: front unit with heater; NA with 6-cylinder or 318 CID with manual transmission
Speed warning device		NA
Speed control device		NA
Ignition lock lamp		Opt
Dome lamp		Std
Glove compartment lamp		Opt
Luggage compartment lamp		Opt
Underhood lamp		NA
Courtesy lamp		Opt
Map lamp		Opt
Auto. trans. quad. lamp		Std
Cornering light lamp		NA
Rear window defroster electrically heated		NA
Rear window defogger		Opt
Upper lever ventilation		Opt (Std with air conditioning)

## LAMP HEIGHT AND SPACING

			21, 23, 29	41	45, 46
Height above ground to center of bulb or marker	Headlamp (H125)	Highest *	25.0	25.7	25.9
		Lowest		--	
	Tail (H126)	Highest	26.6	22.7	24.9
		Lowest		--	
Sidemarker	Front	25.3	26.7	27.0	
	Rear	23.5	24.4	32.6	
Distance from C/L of car to center of bulb	Headlamp	Inside	21.8	20.8	
		Outside *	28.6	28.1	
	Tail	Inside		--	
		Outside	27.9	27.1	34.5
	Directional	Front	24.9	25.1	
		Rear	27.9	27.1	34.5

\* If single headlamps are used enter here.

# AMA Specifications Form—Passenger Car

DODGE

MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*)3-8-73

## VEHICLE WEIGHTS

Model	CURB WEIGHT* (Pounds)			% PASS. WEIGHT DISTRIBUTION				ESTIMATED SHIPPING WEIGHT** (Pounds)
	Front	Rear	Total	Pass. In Front		Pass. In Rear		
				Front	Rear	Front	Rear	
<b>6 Cylinder Models</b>								
Coronet								
4-Door Sedan	1925	1580	3505	48.7	51.3	20.4	79.6	3440
Charger								
2-Door Coupe	1920	1555	3475	47.6	52.4	20.6	79.4	3395
2-Door Hardtop	1925	1560	3485	47.6	52.4	20.6	79.4	3450
Coronet Custom								
4-Door Sedan	1925	1580	3505	48.7	51.3	20.4	79.6	3430
<b>8 Cylinder Models</b>								
Coronet								
4-Door Sedan	1980	1605	3585	48.7	51.3	20.4	79.6	3505
2-Seat Wagon	1910	2170	4080	48.7	51.3	20.4	79.6	3955
Charger								
2-Door Coupe	1975	1580	3555	47.6	52.4	20.6	79.4	3460
2-Door Hardtop	1980	1585	3565	47.6	52.4	20.6	79.4	3480
Coronet Custom								
4-Door Sedan	1980	1605	3585	48.7	51.3	20.4	79.6	3495
2-Seat Wagon	1905	2175	4080	48.7	51.3	20.4	79.6	3955
3-Seat Wagon	1900	2215	4115	48.7	51.3	20.4	79.6	4000
Crestwood								
2-Seat Wagon	1920	2155	4075	48.7	51.3	20.4	79.6	3970
3-Seat Wagon	1905	2240	4145	48.7	51.3	20.4	79.6	4005
Charger SE								
2-Door Special	2005	1605	3610	47.6	52.4	20.6	79.4	3540

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

\*\*Shipping weight definition -

Shipping weight is the weight of the standard car with automatic transmission, plus coolant, oil, and three gallons of gasoline.

Curb weight is the weight of the standard car with automatic transmission, and full quantities of coolant, oil, and gasoline.

# AMA Specifications Form—Passenger Car

DODGE  
 MAKE OF CAR CORONET/CHARGER MODEL YEAR 1973 DATE ISSUED 6-28-72 REVISED (\*)3-8-73

## OPTIONAL EQUIPMENT WEIGHTS

Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
<b>Engine Options</b>				<b>VS. 318 CID Engine</b>
340 CID	86	76	162	Hardtop Only
400 CID 2-V	158	6	164	Sedans
400 CID 4-V	176	45	221	Sedans
440 CID	212	69	281	Hardtop Only
<b>Wagons</b>				
400 CID 2-V	146	5	151	
400 CID 4-V	168	30	198	
<b>Air Conditioning</b>				
318 & 340 CID	92	-2	92	
400 CID 2-V	89	-1	88	
400 CID 4-V & 440 CID	87	-2	85	
<b>Power Steering</b>	45	-2	43	
<b>Power Disc Brake</b>	9	1	10	Std. on Wagons
<b>Power Windows</b>	6	11	17	2 Door Hardtop
<b>Power Windows</b>	8	13	21	4 Door Sedan & Wagon
<b>Radio</b>	5	2	7	
<b>Undercoat</b>	6	13	19	
<b>Luggage Rack</b>	1	14	15	Wagon Only
<b>H.D. Battery</b>	18	-2	16	6 Cylinder & 318 CID Engines
<b>H.D. Battery</b>	7	-1	6	340-400 CID Engines
<b>Sure Grip</b>	0	6	6	
<b>Rear Window Defogger</b>	0	5	5	Except Wagons

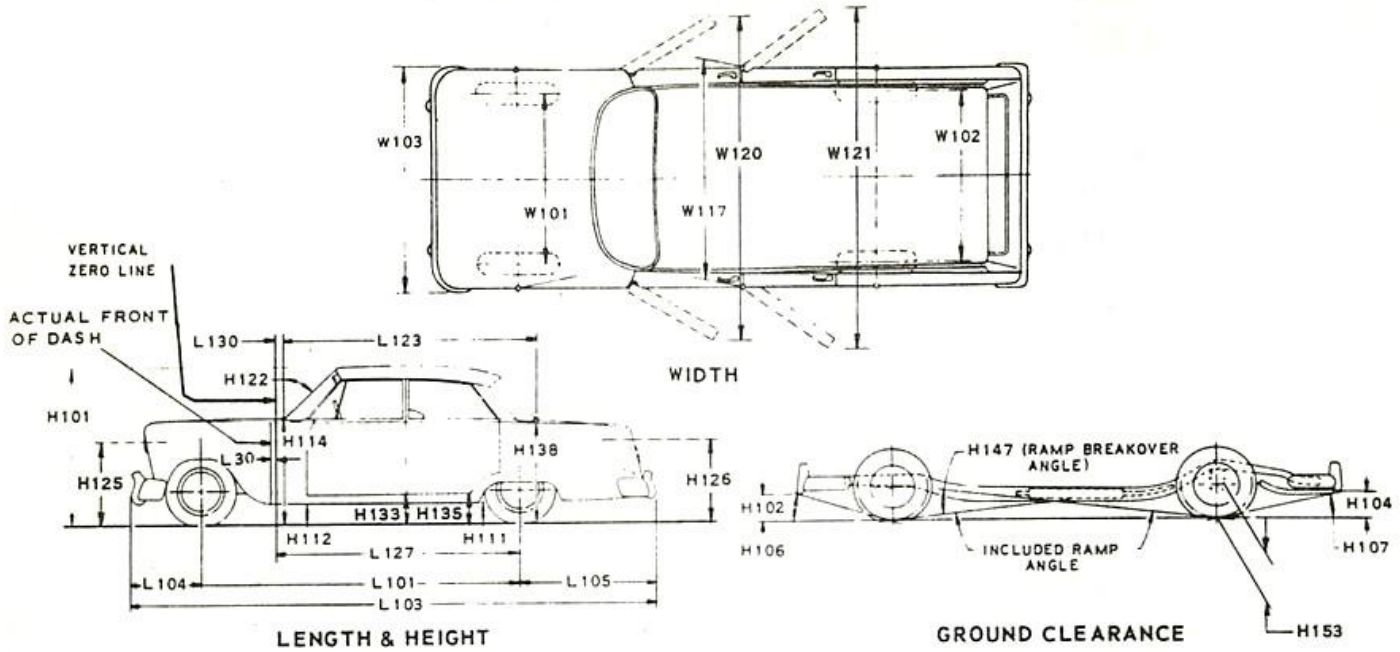
NOTE: For vehicles built on or after January 1, 1973, add the following side impact protection weights.

2-Door Models	16	14	30	
4-Door Wagon Models	15	19	34	

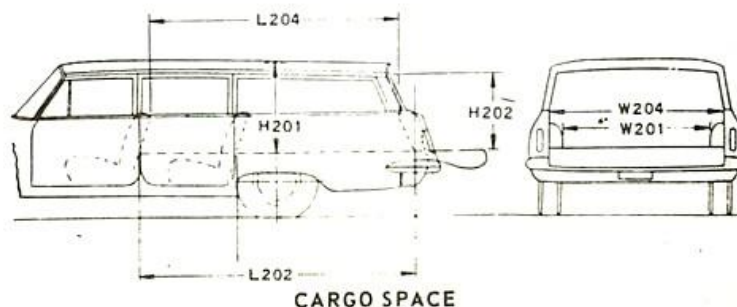
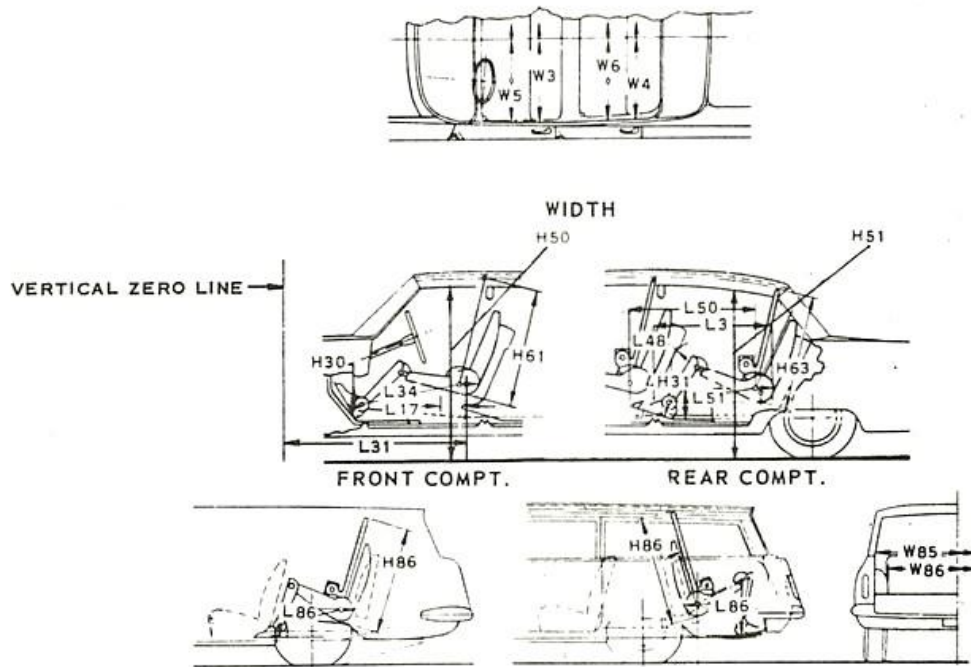
## CAR AND BODY DIMENSIONS

### KEY SHEET

### EXTERIOR CAR AND BODY DIMENSIONS



### INTERIOR CAR AND BODY DIMENSIONS



**EXTERIOR CAR AND BODY DIMENSIONS  
KEY SHEET  
DIMENSION DEFINITIONS**

**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.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN** is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN** is measured in same manner as W120.

**LENGTH DIMENSIONS.**

- L30 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.

**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.
- H133 BOTTOM OF DOOR TO GROUND, CLOSED - FRONT** is the same point on the door as H132 dimension, with door closed.
- 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.
- H135 BOTTOM OF DOOR TO GROUND, CLOSED - REAR** is measured in same manner as H133.
- 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.
- H125 HEADLAMP CENTERLINE TO GROUND** is measured vertically to the center of the upper lamp.
- H126 TAILLAMP CENTERLINE** is measured vertically from ground to the centerline of the upper bulb.

**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.
- H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND** is a minimum clearance.
- H156 MINIMUM RUNNING GROUND CLEARANCE.** Location of measurement on the car is to be clearly recorded.

**INTERIOR CAR AND BODY DIMENSIONS  
KEY SHEET  
DIMENSION DEFINITIONS**

**FRONT COMPARTMENT DIMENSIONS**

- L31 H POINT TO VERTICAL ZERO LINE - FRONT** is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM - FRONT.** The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- L34 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.
- H30 H POINT TO HEEL POINT - FRONT.** The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL.** The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM - FRONT.** The minimum lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.
- W5 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.
- H50 UPPER BODY OPENING TO GROUND - FRONT.** The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- REAR COMPARTMENT DIMENSIONS**
- L50 H POINT COUPLE DISTANCE.** The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 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.
- L51 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.
- H31 H POINT TO HEEL POINT - REAR.** The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 MINIMUM KNEE ROOM - REAR.** The minimum dimension from the Manikin knee pivot center to the back of the front seat back.
- L3 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.
- W4 SHOULDER ROOM - REAR.** The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.
- W6 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.
- H51 UPPER BODY OPENING TO GROUND - REAR.** The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

**LUGGAGE COMPARTMENT DIMENSIONS**

- V1 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**

- W85 SHOULDER ROOM - THIRD SEAT.** The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.
- W86 HIP ROOM - THIRD SEAT.** The lateral dimension through H Point to trimmed surfaces.
- L86 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.
- H86 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.
- V2 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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