

AMA Specifications – Passenger Car

Page 1

Data prepared and distributed by American automobile manufacturers, using uniform questionnaire form developed by car manufacturers under auspices of the Automobile Manufacturers Association.

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** 3-1-59

COMPANY DODGE DIVISION - CHRYSLER CORPORATION

MODEL NAME	SYMBOL	MODEL NAME	SYMBOL
CORONET SIX	MD1-L	CUSTOM ROYAL	MD3-H
CORONET V-8	MD2-L	STANDARD STATION WAGON	MD3-L
ROYAL	MD3-M	CUSTOM STATION WAGON	MD3-H

TABLE OF CONTENTS

General Specifications	1	Drive Units	12	Rear Suspension	18	Body & Car - General	25
Engine - Mechanical	2	Brakes	15	Body Dimensions	19	Weights	26
Electrical	8	Front Suspension & Steering	16	Station Wagon	24	Index	27

NOTES:

1. The specifications set forth herein are those in effect at the date of compilation and are subject to change without notice, UNLESS OTHERWISE INDICATED;
2. All specifications are standard for the models under which they are listed.
3. Specifications apply basically to 4-door sedan or equivalent. Body dimensions shown on pages 19-24 include other body models available.
4. All dimensions are nominal engineering dimensions.

GENERAL SPECIFICATIONS

MODEL	Additional Information Page No.:	MD1-L 6-Cyl.	MD2-L V-8	MD3-L St Wag	MD3-M	MD3-H St Wag	MD3-H	D-500 (f) Package
Wheelbase (L-101)	22	122						---
Tread	Front (W-101)	61.4	60.9					---
	Rear (W-102)	60.2	59.8					---
Maximum Overall Dimensions	Length (L-103)	217.4	216.4	217.4	216.4	217.4	---	
	Width (W-103)	80.0						---
	Height (H-101)	56.6	57.1	54.3	57.1	54.3	---	
Transmission— (Specify trade name - opt., not available)	Manual	Standard						N/A
	Overdrive	N/A						
	Automatic	Spec-PF	(a)	Spec-TF	(a)	Spec - TF	Std-TF	
Axle ratio	Manual	3.73	3.54					3.31
	Overdrive	---						
	Automatic	3.73	(c)	2.93	(c)	2.93		
Tire size	15	7.50 x 14 (d)			8.00 x 14			
Engine	Type, no. cyl., valve arr.	6, In-Line		OHV, 90° V-8				
	Fuel system (Carb. or inj.)	1-bbl	2-bbl		4-bbl		4-bbl (e)	
	Bore and stroke	3.25x4.63	3.95x3.31	4.12 x 3.38		4.25x3.38		
	Piston displ., cu. in.	230	326	361		383		
	Std. compression ratio	8.0	9.2	10.1		10.0		
	Max. bhp at engine rpm	135@3600	255@4400	295 @ 4600		305 @ 4600		320@4600(e)
	Max. torque at rpm	205@1200	350@2400	390 @ 2400		400 @ 2800		420@2800(e)

Rev. Form 1-58

NOTE: PF - PowerFlite, TF - TorqueFlite.

(a) Special - PF or TF (b) Special - TF (c) 3.31 W/PF, 2.93 W/TF

(d) 8.00 x 14 Std. on Conv. (e) 2, 4-bbl Special for Super D-500; bhp - 345 @ 5000, torque - 420 @ 3600.

(f) Available on all MD2 and MD3 Models.

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE				
	MD1-L Coronet 6	MD2-L Coronet V-8	MD3-M Royal (c)	MD3-H(d) Custom Royal	D-500 Engine Package (a)

ENGINE—GENERAL

Type, no. cyls., valve arr.		L-Head, 6, In-Line	OHV, V-8, Lat.	OHV, V-8, In-Line	
Bore and stroke		3.25 x 4.62	3.95 x 3.31	4.12 x 3.38	4.25 x 3.38
Piston displacement, cu. in.		230	326	361	383
Bore spacing (C/L to C/L)		(b)	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		
Compres. ratio (nominal)	Standard	8.0	9.2	10.1	10.0
	Optional	---			
Cylinder Head Material	Standard	Cast Iron			
	Optional	---			
Cylinder Sleeve - Wet, dry, none		None			
Number of mounting points	Front	Two			
	Rear	One			
Taxable Dia. ² x No. Cyl. horsepower 2.5		25.3	49.9	54.3	57.8
Published max. bhp at engine RPM*	Standard	135 @ 3600	255 @ 4400	295 @ 4600	305 @ 4600
	Optional	---			
Published max. torque* (lb. ft. @ RPM)	Standard	205 @ 1200	350 @ 2400	390 @ 2400	400 @ 2800
	Optional	---			
Recommended fuel regular - premium	Standard	Regular		Premium	
	Optional	---			
Recommended Idle speed (neutral)		450 to 500 (f)			

ENGINE—PISTONS

Material	Aluminum Alloy			
Description and finish	U-Slot Turned, Tin Plated	Elliptically-Tin Plated	Therm. controlled by steel band, elliptically turned, tin-plated	Slipper-Type, Thermally-Controlled by Steel Struts; Elliptically Turned, Tin-Plated
Weight (piston only) oz.	15.8	20.8	25.6	27.2

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

(Continued)

Rev. Form 6-57

- (a) D-500 engine package available on all MD2 and MD3 models.
- (b) 3.5625 except 3.875 between numbers 2 and 3 and 4 and 5 cylinders.
- (c) Includes MD3-L Station Wagon.
- (d) Includes MD3-H Station Wagon.
- (e) Super D-500 engine package available on all MD2 and MD3 models.
- (f) For Super D-500 - 650 to 700 rpm.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE MODEL YEAR 1959 DATE ISSUED 8-1-58 REVISED 4-7-59

MODEL	MD1	MD2	MD3, MD2	MD2 & MD3 With D-500
-------	-----	-----	----------	-------------------------

ENGINE PISTONS (Cont.)

Clearance (limits)	Top land	.030	.032	.042	
	Skirt	Top	.0002 - .0012 (a)	.0005 - .0015	.0005 - .001
		Bottom	---	---	---
Ring groove depth	No. 1 ring	.17	.21	.24	
	No. 2 ring	.17	.21	.24	
	No. 3 ring	.17	.20	.22	
	No. 4 ring	.17	None		

ENGINE—RINGS

Function (top to bottom)	No. 1, oil or comp.	Comp.		
	No. 2, oil or comp.	Comp.		
	No. 3, oil or comp.	Oil		
	No. 4, oil or comp.	Oil	None	
Compression	Description - material, type, coating, etc.	Cast Iron, Std. Type, #1 Chrome Plated #2 Tin Plated	Cast Iron, Low Taper, Low Twist, Tin Plated	Cast iron, Standard Taper, Standard Twist, Tin Plated
	Width	.093	.078	
	Gap	.010 - .020		.013 - .025
Oil	Description - material, type, coating, etc.	Cast Iron, Single Piece Unit		
	Width	0.155	.186	
	Gap	.010 - .020		.013 - .025
Expanders	None	Low Tension Hump Type, Oil Ring Only	Std. Tension Hump Type, Oil Ring Only	

ENGINE—PISTON PINS

Material		High Manganese Steel		
Length		2.75	3.00	3.56
Diameter		0.859	.984	1.093
Type	Locked in rod, in piston, floating, etc.	Floating		Press-Fit in Rod
	Bushing	Rod		None
		Material	Bronze on Steel	
Clearance	In piston	.0000 - .0005		.00015 - .00065
	In rod	.0001 - .0002	.0001 - .0004	.0007 - .0012 Interference
Direction & amount offset in piston		None	.06 Right	.09 Right

ENGINE—CONNECTING RODS

Material		High Manganese Forging Steel	Drop-Forged Steel
Weight (oz.)		27.9	25.6
Length (center to center)		7.81	6.12
Bearing	Material & Type	Bi-Metal Grid (b)	
	Overall length	1.00	0.843
	Clearance (limits)	.0005 - .0015	.0002 - .0022
	End play	.006 - .011	.006 - .014 (both ends)
		Lead Base Babbit on Steel Removable, Precision Type	
		0.927	.0005 - .0015
		.009 - .017 (2 Rods)	

(a) Measured 3/4" from bottom.

(b) Removable, Precision.

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE	MODEL YEAR	1959
		DATE ISSUED	8-1-58
		REVISED	4-7-59
MODEL	MD1	MD2	MD3
			D-500 & D-500 High Perf.

ENGINE—CRANKSHAFT

Material		Drop Forged Steel			
Vibration damper type		Non-Adhesion Rubber-Dynamic (a)			
End thrust taken by bearing (No.)		#4 Rear	#3 Center		
Crankshaft end play		.002 - .007			
Main bearing	Material & type		Lead Base Babbit on Steel (b) Removable, Precision		
	Clearance		.0005 - .0015		
	Journal dia. and bearing overall length	No. 1	2.50 x 1.24	2.50 x .87	2.63 x .94
		No. 2	2.50 x 1.03	2.50 x .87	2.63 x .94
		No. 3	2.50 x 1.03	2.50 x 1.15	2.63 x 1.22
		No. 4	2.50 x 1.87(a)	2.50 x .87	2.63 x .94
		No. 5	None	2.50 x 1.56	2.63 x .94
		No. 6	None		
No. 7		None			
Dir. & amt. cyl. offset		Left .125	None		
Crankpin journal diameter		2.06	2.125	2.375	

ENGINE—CAMSHAFT

Location		Right Side	Center of "V" Above Crankshaft		
Material		Hardenable Cast Iron, with Cams and Drive Gear for Distributor and Oil Pump Cast Integrally.			
Bearings	Material	(b)	Lead Base Babbit on Steel		
	Number	4	5		
Type of drive	Gear or chain		Chain		
	Crankshaft gear or sprocket material		High Manganese Steel		
	Camshaft gear or sprocket material		Cast Iron		
	Timing chain	No. of links	48	68	50
		Width	1.02	.875	
Pitch		.50	.38	.50	

ENGINE—VALVE SYSTEM

Hydraulic lifters (Std, opt, NA)		N/A	Std.
Special provision for valve rotation (intake, exhaust)		None	Low Friction Lock on Exhaust
Rocker ratio		Not Applicable	1.50 to 1
Operating tappet clearance (indicate hot or cold)	Intake	.010 (Hot)	Not Applicable
	Exhaust	.010 (Hot)	Not Applicable
Timing marks on fly-wheel, damper, other		Stationary Indicator	

(Continued)

Rev. Form 6-57

(a) Not available on MD2 models with automatic transmission.

(b) Thrust bearings are tin based babbit on steel.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** 4-7-59
MODEL MD1 MD2 MD3 MD2, MD3 W/D-500 MD2, MD3 W/Super D-500

ENGINE—VALVE SYSTEM (cont.)

Timing	Intake	Opens (°BTC)	12	14	15	15	20	
		Closes (°ABC)	44	54	57	57	60	
		Duration - deg.	236	248	252	252	260	
	Exhaust	Opens (°BBC)	50	56	57	57	58	
		Closes (°ATC)	6	12	15	15	22	
		Duration - deg.	236	248	252	252	260	
Valve opening overlap		18	26	30	30	42		
Intake	Material		Silicon-Chromium					
	Overall length		4.84	4.60	4.87			
	Actual overall head dia.		1.53	1.84	1.95	2.08		
	Angle of seat		45					
	Seat insert material		None					
	Stem diameter		.34	.37				
	Stem to guide clearance		.001 - .003					
	Lift		.369	.382	.389			
	Outer spring press. and length	Valve closed (lb. @ in.)	42 at 1.75	83 at 1.69	100 at 1.86			
		Valve open (lb. @ in.)	115 at 1.38	177 at 1.31	195 at 1.47			
	Inner spring press. and length	Valve closed (lb. @ in.)	None					
		Valve open (lb. @ in.)	None					
	Exhaust	Material		21-4N				
		Overall length		4.84	4.54	4.89		
Actual overall head dia.		1.41	1.56	1.60				
Angle of seat		45						
Seat insert material		Alloy Iron	None					
Stem diameter		.34	.37					
Stem to guide clearance		.003 - .005	.002 - .004					
Lift		.369	.386	.389				
Outer spring press. and length		Valve closed (lb. @ in.)	42 at 1.75	83 at 1.69	100 at 1.86			
		Valve open (lb. @ in.)	115 at 1.38	177 at 1.31	195 at 1.41			
Inner spring press. and 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	Jet Spray	Pressure			
	Timing gear or chain	Metered Flow	Jet			
	Cylinder walls	Metered Jet Spray				

(Continued)

Rev. Form 6-57

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE	MODEL YEAR	1959	DATE ISSUED	8-1-58	REVISED	4-7-59
MODEL	MD1	MD2	MD3-L MD3-M	MD3-H	MD2 & MD3 D-500		

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary		
Normal oil pressure (lb. @ engine rpm)	40-55 at 2000	45 - 65 at 2000	
Oil pressure sending unit (elect. or mech.)	Mechanical		
Type oil intake (floating, stationary)	Floating	Stationary	
Oil filter system (full flow, partial, other)	By-Pass	Shunt	Full Flow
Filter replacement (element, complete)	Element		Complete, Screw-On
Capacity of crankcase, less filter-refill (qt.)	5		
Oil grade recommended (SAE viscosity and temperature range)	Above +32 F SAE 30, SAE 20W-40, or SAE 10W-30 As Low as +10 F SAE 20W, SAE 20W-40, or SAE 10W-50 As Low as -10 F SAE 10W, SAE 10W-30, or SAE 5W-20 Below -10 F SAE 5W or SAE 5W-20		
Engine Service Requirement (MM, MS, etc.)	MS		

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single	Std. Single	Opt. Dual	Std. Single Opt: Dual	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	Reverse Flow				
Exhaust pipe dia. (O.D. & wall thickness)	---	1.88	---	Single Only: 2.0	---
	2.0	2.25	1.88	Single: 2.5; Dual: 2.0	2.25
Tail pipe diameter (O.D. & wall thickness)	1.75	2.0	1.75	Single: 2.0; Dual: 1.75	2.0

ENGINE—FUEL SYSTEM

(See Supplement to Page 6 for Details of Fuel Injection, Supercharger, etc. If used)

Induction type: Carburetor, fuel injection, supercharger.	Carburetor						
Fuel Tank	Capacity (gals.)		20, Suburbans: 22				
	Filler location		Left Rear Fender				
Fuel Pump	Type (elec. or mech.)		Mechanical				
	Locations		Lower Right Front of Engine				
	Pressure range		6 - 7 psi				
Vacuum booster (std., optional, none)		None					
Fuel Filter	Type	Plastic	Plastic and Ceramic		Plastic & Paper		
	Locations	Fuel Tank	Fuel Tank and Carb. (a)		Fuel Tank & Carb.		
Carburetor	Make & Model No.		M: BBS-2567S A: BBS-2569S	M: WW3-164 A: WW3-181	BBD-2870S	M: AFB-2773S A: AFB-2787S	AFB-2794S
	Number & Type		Single Downdraft	Dual Downdraft		4-bbl Downdraft	
	Barrel size		1-11/16	1-7/16	1-9/16	1-7/16	
	Choke type		Integral		Separate, In Manifold		
	Intake manifold heat control (exhaust or water)		Exhaust				
	Air clnr. type	Standard	Paper Element				
		Optional	None				

M - Manual 3-Speed Trans.; A - Automatic Trans.
 (a) - Filter for MD3-L and MD3-M integral with fuel pump.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** _____
MODEL _____ MD1 MD2 MD3

ENGINE—COOLING SYSTEM

Type (pressure system, atmospheric, other)		Pressure-Vent		
Radiator cap relief valve pressure		14 psi		
Circulation thermostat	Type (choke, bypass)	Choke, Pellet		
	Starts to open at (°F)	160	180	
Water pump	Type (centrifugal, other)	Centrifugal		
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
	Bearing type	Sealed Ball Bearing		
By-pass recirculation type (internal, external)		Internal		
Radiator core type (cellular, tube and fin, other)		Cellular Tubular or Fin and Tube		
Cooling system capacity	With heater (qt.)	14	21	17
	Without heater (qt.)	13	20	16
	Opt. equipment-specify (qt.)	None		
Water jackets full length of cylinder (yes, no)		Yes		No
Water all around cylinder (yes, no)		No	Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, Molded	
		Inside diameter	1.5	
	Upper	Number and type (molded, straight)	One, Molded	
		Inside diameter	1.5	
	By-pass	Number and type (molded, straight)	None	
		Inside diameter	---	
Fan	Number of blades & Spacing		Four, 76° - 104°	
	Diameter		17	16
	Ratio-fan to crankshaft rev.		0.95 : 1	
	Fan cutout type		None	
	Bearing type		See Water Pump	
*Drive belts (Indicate belt used by letter)	Fan		See Supplement to Page 7	
	Generator		---	
	Water Pump		---	
	Power Steering		---	
	Air Conditioning		---	

Rev. Form 1-58

* Drive Belt Dimensions	See Supplement to Page 7
Angle of V	---
Nominal length (SAE)	---
Width	---

AMA Specifications – Passenger Car

MAKE OF CAR DODGE	MODEL YEAR 1959	DATE ISSUED 8-1-58	REVISED 4-7-59
MODEL	MD1	MD2	MD3
			MD2, MD3 D-500
			4-bbl Two, 4-bbl

ELECTRICAL—SUPPLY SYSTEM

Battery	Make and Model	Gould 11-0E-50	Gould 11-0E-60	
	Voltage Rtg. & Total Plates	12, 54	12, 66	
	SAE Designation & Amp Hr. Rtg	2SHA, 50	2SHB, 60	
	Location	Under Hood in Left Fender Shield		
	Terminal grounded	Negative		
Generator	Make	Auto-Lite		
	Model	GJM-8001A	GHM-8004B	
	Type	Shunt Wound		
	Ratio—Gen. to Cr/s rev.	2.12		
	Gen. cut-in—engine rpm	560	470	
Regulator	Make	Auto-Lite		
	Model	VRX-6301A	VRX-6201A	
	Type	Current and Voltage Control		
	Cutout relay	Closing voltage @ generator rpm	12.6 - 13.6 at 1480	12.6 - 13.6 at 1040
		Reverse current to open	0 - 6	
	Regu-lated	Voltage	12	
		Current	35	30
	Voltage test conditions	Temperature	70°F	
		Load	15-Min at 7-Amp - Voltage Check	
Other		Additional 15-Min at Rated Volts - Current Check		

ELECTRICAL—STARTING SYSTEM

Starting motor	Make	Auto-Lite		
	Model	MDU-6003	MDT-6001	
	Rotation (drive end view)	Clockwise		
	Engine cranking speed	Cold: 35 rpm; Hot: 150 rpm		
	Test conditions	Cold: SAE 5W at -20 F Hot: SAE 30 with completely warmed engine		
	Lock test	Amps	355	350
		Volts	4	4
		Torque (lb. ft.)	9	8.5
	No load test	Amps	50	58
		Volts	11	11
RPM (min.)		5500	3800	
Motor control	Switch (solenoid, manual)	Bendix (Anti-Kickout)		
	Starting procedure	<p>Manual 3-Speed Transmission: Depress accelerator one-third and turn ignition key beyond "On" position.</p> <p>PowerFlite or TorqueFlite: Depress accelerator one-third, push in "N" Neutral button, and turn ignition key beyond "On" position.</p>		

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE	MODEL YEAR	1959	DATE ISSUED	8-1-58	REVISED	3-1-59
MODEL	MD1	MD2	MD3	MD2, MD3 D-500		4-bbl Two, 4-bbl	

ELECTRICAL—STARTING SYSTEM (cont.)

Motor drive	Engagement type	Inertia, Follow-Through Drive			
	Pinion meshes (front, rear)	Front			
	Number of teeth	Pinion	9		
		Flywheel	172		
	Flywheel tooth face width		.375		

ELECTRICAL—IGNITION SYSTEM

Coil	Make	Auto-Lite				
	Model	CAG-4001	CAH-4001			
	Amps	Engine stopped	2.4	3.1		
		Engine idling	1.8	2.5		
Distributor	Make	Auto-Lite				
	Model	IBR-4001	IBP-4003J	IBP-4005B	IBS-4006C	
	Centrifugal adv. in crankshaft degrees @ engine rpm	Start (rpm)	0 at 500-900	0 at 520-1180	0 at 520 - 880	0 at 720 - 1050
		Intermediate points deg. @ rpm	0-4 at 900 11-15 at 2100	0-4 at 1180 3-7 at 1600	0 - 4 at 880 8 - 12 at 1600	0-5.7 at 1050 11.2 - 15 at 1650
		Max deg. @ rpm	15-19 at 3600	11-15 at 4600	17 - 21 at 4300	17 - 21 at 4000
	Vacuum adv. in crankshaft degrees @ in. Hg.	Start (in. Hg)	0 at 5.2-6.8	0 at 7.8-9.6	0 at 6.2 - 8.0	0 at 7.5-8.2
		Intermediate points, deg. @ in. Hg.	9 at 9-11	10 at 10.4-12.2	10 at 9.4 - 11.5	11.6-14 at 14
		Max. deg. in. Hg.	16-21 at 16	17-23 at 14.5	19-25 at 14.5	23-29 at 18.2
	Breaker gap (in.)		.018 - .022		.015 - .018	
	Cam angle (deg.)		36 - 42		27 - 32	
Breaker arm tension (oz.)		17-20				
Timing	Cranksaft deg. @ rpm.	2.5 BTC at 500		10 BTC at 500		
	Mark location	On Stationary Indicator				
	Cylinder numbering system (see page 2)	Front to Rear	Left Bank: 1-3-5-7 Right Bank: 2-4-6-8			
		Firing order (see page 2)	1-5-3-6-2-4		1 - 8 - 4 - 3 - 6 - 5 - 7 - 2	
Spark Plug	Make and model	Auto-Lite Resistor		Auto-Lite		
		AR-51	AR-42	A-42	A-32	
	Thread (mm)	14-mm				
	Tightening torque (lb. ft.)	30-32				
	Gap	.035				
Cable	Conductor type	Stranded Copper		Resistor		
	Insulation type	Rubber with Neoprene Jacket				
	Spark plug protector	Neoprene				

ELECTRICAL—SUPPRESSION

Description	Built-In Resistors in Spark Plugs and Distributor	Resistance-Type Spark Plug Leads and Built-In Resistor in Distributor
-------------	---	---

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** _____

MODEL _____ ALL MODELS - MD1, MD2, MD3

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speed-ometer	Make Trip odometer (yes, no)	Stewart Warner No
	Charge indicator-type	Ammeter
	Temperature indicator-type	Electric, Magnetic
	Oil pressure indicator-type	Bourdon Tube
	Fuel indicator-type	Electric, Magnetic
	Other	None
Ignition switch	Identify positions in order and circuits controlled	Center Position - Off 1st Position Clockwise - Ignition & Accessory Circuit Only 2nd Position Clockwise - Starter & Ignition Circuit Only 1st Position Counterclockwise - Accessory Circuit Only
	Provision for illumination	None
	Location	Right of Steering Column
Main lighting switch	Identify positions and lights controlled	Counterclockwise Position - Off 1st Position Clockwise - Instrument, Tail, License Plate, and Parking Lamps 2nd Position Clockwise - Instruments, Head, Tail, and License Plate Lamps
	Locations and lamps controlled	Instrument Lamp Switch - Concentric with Headlamp Switch, Variable all Instruments; Stop Lamp Switch - In Master Cylinder; Dome Lamp - Manual Switch integral in Lamp; Automatic Switch - Both Front Doors; Direction Signal Switch - Lever on Steering Column
Other switches	Locations and devices controlled	Windshield Wiper Switch - One-Speed, Right of Steering Column (Variable Speed Special Equipment) Heater Control - Two-Speed by Push Buttons Right of Steering Column Defroster - Push-Button Right of Steering Column Air Vent - Push-Button Right of Steering Column
	Make	Auto-Lite or (Single Speed Only) General Industries
	Type	Electric
Windshield wiper	Vacuum booster provision	None
	Washer provision	Optional
Horn	Type	Sea Shell
	Number used	2
	Amp draw (each)	9 - 10

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** 3-1-59

MODEL ALL MODELS - MD1, MD2, MD3

ELECTRICAL—LAMP BULBS

Give quantity used and trade number, e.g., Headlamp 2-5400 S, dual headlight 2-4001, 2-4002. Indicate accessories which are not standard equipment by an asterisk following the numbers.

Headlamps & arrangement		Dual Horizontal; 2-4001, 2-4002
Headlamp beam indicator		1-57
Parking light		2-1034 (a)
Tail light		2-1034 (a)
Stop light		2-1034 (b)
Direction signal	Front	2-1034 (b)
	Rear	2-1034 (b)
	Indicator	2-57
License plate light		1-67 (c)
Instrument light		4-57
Ignition lock light		None
Back up light		2-1073*
Dome light		1-1004
Clock light		None
Radio light		2-57*
Glove compartment light		1-57*
Speedometer		2-57
Transmission Control		1-57*
Handbrake Indicator		1-90*

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

Use trade number of fuse, e.g., SFE-10. Indicate circuit breaker by ampere capacity suffixed by letters "C.B." e.g., 30 C.B. Where fuse or circuit breaker protects multiple circuits indicate first use by a letter and repeat the same letter for all units protected by the same fuse or circuit breaker, e.g., Parking lights SFE-10 (a), Direction indicator same as (a).

Headlamp	22.5 CB (A)
Headlamp beam indicator	Same As (A)
Parking light	Same As (A)
Tail light	15 CB (B)
Stop light	Same As (B)
Direction indicator	None
License plate light	Same As (B)
Instrument light	Same As (B)
Ignition light	None
Back up light	None
Dome light	Same As (B)
Clock	SFE-1
Clock light	Same As (B)
Radio	SFE-7.5
Glove compartment light	Same As (B)
Heater & A/C	3AG-18
Windshield Wiper	Single Speed, 5 CB; Variable Speed, 6 CB
Window Lift	30 CB
Seat Adjuster	40 CB
Rear Defroster	SFE 7.5
Heater	SFE 20

- (a) Integral Unit.
- (b) Integral Unit, Double Filament Bulb.
- (c) Two Lights on Suburban Models

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** 4-7-59
MODEL MD1 MD2 MD3-L MD3-M MD3-H, MD2 & MD3 D-500

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type	Auburn Dry Plate	Borg & Beck Dry Plate			None
Type pressure plate springs	Coil				---
Total plate pressure (lb.)	1280	1206	(a)	(b)	---
No. of clutch driven discs	One				---
Clutch facing	Material Molded, Woven Asbestos				---
	Outside & inside dia.		9.25 x 6	10x6.75	(b)
	Total eff. area (sq.in.)		77.8	85.5	(b)
	Thickness		.114	.125	---
	Engagement cushioning method Crimped Flat Springs				---
Release bearing	Type & method of lubrication Sealed Ball Bearing Permanently Lubricated				---
Torsional damping	Methods: springs, friction material Coil Springs				---

DRIVE UNITS—TRANSMISSIONS

Manual (std. or opt.)	Std.				
Manual with overdrive (std. or opt.)	N/A				
Automatic (std. or opt.)	Opt - PF	Opt. PF or TF	Opt. TF	Opt. PF or TF	Std. TF

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds	Three				---	
Transmission ratios	In first	2.50	2.12	---	---	
	In second	1.68	1.43	---	---	
	In third	1.00		---	---	
	In fourth	---		---	---	
	In reverse	3.20	2.73	---	---	
Synchronous meshing, specify gears	2nd and 3rd				---	
Lubricant	Capacity (pt.) 2.75				---	
	Type recommended Multipurpose Gear Oil (c)				---	
	SAE viscosity number	Summer	SAE 80			---
		Winter	Above - -10F: SAE 80			---
	Extreme cold	Below - -10F: SAE 75			---	

PF - PowerFlite; TF - TorqueFlite; N/A - Not Available.

Rev. Form 6-57

(a) Later built cars: Centrifugal clutch, plate pressure - 1530 lb;
 Early built cars: Plate pressure - 1961 lb.

(b) Later built cars: Centrifugal clutch, facing outside by inside diameters - 10.5 x 6.5,
 Area - 106.8, Plate Pressure - 1675 lb;
 Early built cars: Facing outside by inside diameters - 11 x 6.5, Area - 123.7,
 Plate Pressure - 2282 lb.

(c) Or Oil Conforming to API Service GL-4.

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** 3-1-59
MODEL _____ **ALL**

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)		---	
	Manual lockout (yes, no)		---	
	Downshift accelerator control (yes, no)		---	
	Minimum cut-in speed		---	
	Gear ratio		---	
	Lu- bri- cant	Capacity (Overdrive only)		---
		Separate filler (yes, no)		---
		Type recommended		---
		SAE vis- cosity number	Summer	---
			Winter	---
Ext. cold	---			

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name	PowerFlite (a)	TorqueFlite (b)																		
Type describe	2-Speed Automatic, Torque Converter w/Gears	3-Speed Automatic Torque Converter w/Gears																		
Method of Selection (Lever, Push Button or other)	Push Button																			
Selector Pattern	<div style="display: flex; justify-content: space-around; align-items: center;"> R N D </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> L </div>	<div style="display: flex; justify-content: space-around; align-items: center;"> R N D </div> <div style="display: flex; justify-content: center; margin-top: 5px;"> I 2 </div>																		
List gear ratios Selector Pattern and indicate which are used in each selector position	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">D</td> <td style="padding: 2px;">Low-Drive 1.72-1.00</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">N</td> <td style="padding: 2px;">Neutral</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">R</td> <td style="padding: 2px;">Reverse 2.39</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">L</td> <td style="padding: 2px;">Low 1.72</td> </tr> </table>	D	Low-Drive 1.72-1.00	N	Neutral	R	Reverse 2.39	L	Low 1.72	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 2px;">D</td> <td style="padding: 2px;">1-2 Drive 2.45-1.45-1.00</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">N</td> <td style="padding: 2px;">Neutral</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">R</td> <td style="padding: 2px;">Reverse 2.20</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">2</td> <td style="padding: 2px;">1-2 2.45-1.45</td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">I</td> <td style="padding: 2px;">1 2.45</td> </tr> </table>	D	1-2 Drive 2.45-1.45-1.00	N	Neutral	R	Reverse 2.20	2	1-2 2.45-1.45	I	1 2.45
D	Low-Drive 1.72-1.00																			
N	Neutral																			
R	Reverse 2.39																			
L	Low 1.72																			
D	1-2 Drive 2.45-1.45-1.00																			
N	Neutral																			
R	Reverse 2.20																			
2	1-2 2.45-1.45																			
I	1 2.45																			
Max. upshift speeds—drive range	(c)	75																		
Max. kickdown speeds—drive range	(d)	30																		
Torque convertor	Three																			
	Number of elements																			
Lubricant	Max. ratio at stall at engine rpm	MD1: 2.6 at 1330 MD2: 2.2 at 1875 (e)																		
	Type of cooling (air, water)	Water																		
Special transmission features	Capacity—refill (pt.)	20																		
	Type recommended	Automatic Transmission Fluid - Type A																		
		MD3: 2.2 at 1840 (f)																		
		MD2: 18; MD3: 21																		
		Spring-loaded Hydraulic Valve to prevent accidental Reverse engagement.																		

Rev. Form 6-57

- (a) Opt on MD1, MD2; Std on MD3-M.
- (b) Opt on MD2, MD3-L, MD3-M; Std on MD3-H and all MD2's and MD3 with D-500 package.
- (c) MD1: 39 - 44, MD2 and MD3-M: 50 - 60.
- (d) MD1: 32 - 42, MD2 and MD3-M: 42 - 58.
- (e) MD3-M: 2.2 at 1810.
- (f) MD3-L Std Wagon: 2.2 at 1810.

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE	MODEL YEAR	1959	DATE ISSUED	8-1-58	REVISED	
MODEL	MD1-L	MD2-L	MD3-M	MD3-H	MD3-L St Wag	MD3-H St Wag	

DRIVE UNITS—PROPELLER SHAFT

Number used		One					
Type (exposed, torque tube)		Exposed					
Outer diameter x length* x wall thickness	Manual transmission	2.75 x 59.0	N/A		2.75x59.0	N/A	
	Overdrive transmission	N/A					
	Automatic transmission	2.75x59.0	PF:2.75x59.0 TF:2.75x58.96	PF: 2.75 x 58.96 TF: 2.75 x 58.96			
Inter-mediate bearing	Type (plain, anti-friction)	None					
	Lubrication (fitting, prepack)	---					
Universal joints	Make	Own					
	Number used	Two					
	Type (ball and trunnion, cross, other)	Front: Ball and Trunnion Rear: Cross					
	Bearing	Type (plain, anti-friction)	Anti-Friction				
Lubric. (fitting, prepack)		Prepack					
Drive taken through (torque tube or arms, springs)		Rear Springs					
Torque taken through (torque tube or arms, springs)		Rear Springs					

DRIVE UNITS—REAR AXLE

Description - (incl. limited slip differential)	Standard: Semi-Floating, Hypoid, 2-Pinion Differential. Sure-Grip: Torque-Bias, 4-Pinion Differential, Cam-Operated Clutches limit Differential Action.						
Drive Pinion Offset	1.5						
No. of differential pinions	Std - 2, Sure-Grip - 4						
Gear ratio and No. of teeth	Automatic transmission	See Supplement to Page 14					
	Overdrive trans.	See Supplement to Page 14					
	Manual transmission	See Supplement to Page 14					
Ring gear pitch diameter & O.D.	8.25					8.75	
Pinion adjustment (shim, other)	Solid Shim (Washer)						
Pinion bearing adj. (shim, other)	Shims						
Wheel bearing type	Tapered Roller Bearing						
Lubricant	Capacity (pt.)	3.25				3.5	
	Type recommended	Multipurpose Gear Lubricant					
	SAE viscosity number	Summer (a)	SAE 90				
		Winter (b)	SAE 80				
Extreme cold (c)		SAE 75					

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

PF - PowerFlite; TF - TorqueFlite; N/A - Not Available.

(a) Above -10F. (b) Below -10F. (c) Below -30F.

AMA Specifications -- Passenger Car

Supplement to Page 14

MAKE OF CAR DODGE MODEL YEAR 1959 DATE ISSUED 8-1-58 REVISED _____

AXLE RATIOS SUPPLEMENTARY INFORMATION

MODEL		MD1	MD2 MD3-L	MD3-M	MD3-H	MD2, MD3 With D-500
Manual 3-Speed Transmission	Std.	* 3.73 (41-11)	3.54 (39-11)	---	---	---
	Opt.	3.9 (43-11)	* 3.31 (43-13)	---	---	---
PowerFlite Transmission	Std.	* 3.73 (41-11)	* 3.31 (43-13)	* 3.31 (43-13)	---	---
	Opt.	3.9 (43-11)	3.54 (39-11)	3.54 (39-11)	---	---
TorqueFlite Transmission	Std.	---	* 2.93 (41-14)	* 2.93 (41-14)	* 2.93 (41-14)	* 3.31 (43-13)
	Opt.	---	* 3.31 (43-13)	* 3.31 (43-13)	* 3.31 (43-13)	* 2.93 (41-14)

* Also used with Sure-Grip Differential.

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE		MODEL YEAR	1959	DATE: ISSUED	8-1-58	REVISED	
MODEL	MD1-L	MD2-L	MD3-M	MD3-H	MD3-L St Wag	MD3-H St Wag		

DRIVE UNITS--WHEELS

Type & material		Disc, Pressed Steel			
Rim (size and flange type)		14 x 5K	14 x 5K (a)	14 x 5.5 K	14 x 5.5 K (b)
Attachment	Type (bolt or stud)	Stud			
	Circle diameter	4.5			
	Number and size	Five, 1/2 - 20 NF			

DRIVE UNITS--TIRES

Standard	Size & ply	7.50 x 14	7.50x14(c)	8.00 x 14
	Type - Nylon, etc.	Rayon (Nylon Opt)		
	Sidewall color	Black (WSW Opt)		
Optional	Size & ply	8.00 x 14	8.00x14(d)	8.50 x 14
	Type - Nylon, etc.	Rayon or Nylon		
	Sidewall color	BSW or WSW		
Rev/mile at 30 mph		776		760
Inflation press.(cold)	Front	24		22
	Rear		22	24 (e)

BRAKES--SERVICE

Type		Hydraulic, Internal-Expanding, Contoured Variable Depth Web, Total-Contact Brake Shoes				
Power brake type		Vacuum, Optional				
Effective area (sq. in.)		(g) 207	207 (f)	230		
Gross lining area (sq. in.)		(g) 207	207 (f)	230		
Percent brake effectiveness--front		60				
Drum	Diameter	Front (g)	11			
		Rear (g)	11			
Type and material		Front: Cast Drum and Back: Rear: Centrifuse				
Bonded or riveted		Bond				
Brake lining	Front Shoe	Material		Molded Asebestos		
		Size (length x width x thickness)	Front wheel	11.5 x 2.5 x 0.20		
			Rear wheel	11.5 x 2.0 x 0.20 (f)	11.5 x 2.5 x 0.20	
	Segments per shoe		One			
	Rear Shoe	Material		Molded Asbestos		
		Size (length x width x thickness)	Front wheel	11.5 x 2.5 x 0.20		
Rear wheel			11.5 x 2.0 x 0.20 (f)	11.5 x 2.5 x 0.20		
Segments per shoe		One				
Wheel cylinder bore	Front	1.125				
	Rear	1.125				
Master cylinder bore		1.125				
Available pedal travel		6"; With Optional Power Brakes 4.63				
Line pressure at 100 lb. pedal load		650 psi; With Optional Power Brakes 1150 psi				
Shoe clearance adjustment		No Major Adjustment Required				

- | | |
|--|---|
| <p>(a) Convertibles: 14 x 5.5 K.</p> <p>(b) 9-Pass. Station Wagons: 14 x 6 K.</p> <p>(c) Convertibles: 8.00 x 14.</p> <p>(d) Convertibles: 8.50 x 14.</p> <p>(e) Up to 28 psi for heavy loads.</p> | <p>(f) Convertibles and 4-Door HT: Rev. Form 1-58
11.5 x 2.5 x 0.020; effective area - 230 sq in.</p> <p>(g) 12 x 2.5 optional on all models;
Effective area - 251 sq in.</p> |
|--|---|

AMA Specifications – Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** _____
MODEL _____ MD1; MD2; MD3-L MD3-H; MD2; MD3 D-500

BRAKES—PARKING

Type of control		T-Handle, Multiple Pawl Ratchet	
Location of control		Under Instrument Panel, Left of Steering Column	
Operates on		Transmission Output Shaft	
If separate from service brakes	Type (internal or external)	External (a)	Internal
	Drum diameter	6 (a)	7
	Lining size (length x width x thickness)	16.68 x 2 x 0.16 (a)	2-Shoes, each: 6.53 x 2 x 0.16

FRAME or UNITIZED CONSTRUCTION

Type and description	Welded, Double-Channel Box-Section Side Rails; Lateral Crossmembers. X-Type Crossmember on Convertible.
----------------------	---

SUSPENSION—GENERAL (See Supplemental page 16 for details on Air Suspension)*

Provision for car leveling		Yes, Front Only
Provision for brake dip control		Yes
Provision for acc. squat control		Yes
Special provisions for car jacking		No
Shock absorber front & rear	Type	Telescopic, Double-Acting
	Make	Own
	Piston dia.	1-Inch
Other special features		Front and Rear Suspensions are Matched

SUSPENSION—FRONT

Type and description	Independent, Lateral, Non-Parallel Control Arms with Torsion Bars
----------------------	---

(Continued)

Rev. Form 1-58

(a) Same as MD3-H when equipped with automatic transmission.

* Air Suspension:
 Air spring type
 Compressor data
 type
 make
 ratio
 normal operating pressures
 spring rates
 spring data

AMA Specifications -- Passenger Car

Supplement to Page 16

MAKE OF CAR DODGE MODEL YEAR 1959 DATE ISSUED 8-1-58 REVISED _____

SUPPLEMENTARY INFORMATION

MODEL		MD2, MD3	
		Except Sta. Wagon	Station Wagon
Automatic Levelling Application (Air)		Air Assist Type - On Rear Only	
Air Chambers	Type	Unrestrained Rolling Seal	
	Piston	Cylindrical	
	Operating Pres.	Curb: 20 psi; 3-Pass: 35psi; 9-pass: 90. psi	
	Total Volume	240 cu in. Per Air Chamber	
	Rate	20#/in. at 3-Pass. Load	
Air Compressor	No. Used	2	
	Displacement	2.866 cu. in.	
	Delivery	0.85 CFM at 50 psig Discharge Pressure	
	Driven By	Belt Driven by Crankshaft Pulley	
	Lubrication	Integral with Engine Oil System	
	No. of Cylinders	2	
	Filter Type	Integral	
High Pressure Reservoir	Pressure Control	Compression Ratio	
	Size	200 Cubic Inch	
	Location	Right Front Fender Well	
Moisture Elimination Method		Periodic Draining of High Pressure Tank	
High Pressure Air Line		3/16" Copper Tubing	
Low Pressure Reservoir		Single Tank Directly Connects Both Air Chambers	
Height Control Valve	Number Used	1	
	Type	Instant Acting, Constant Rate of Fill	
	Actuation	Direct Connection to Axle Housing	
	Location	Mounted on Low Pressure Reservoir, Center of Car Between Rear Wheels	
Air Flow Pattern		Open System	
Front Suspension			
Spring	Type	Torsion Bar	
	Size (Length & Dia)	40 x 0.97	
	Rate at Wheel (#/In.)(a)	105	
Stabilizer	Type	Link	
	Material & Bar Dia.	Steel - 0.75	
Rear Suspension			
Spring	Type	Outboard, Parallel, Longitudinal	
	Size (Length & Width)	57 x 2.50	
	Spring Rate (#/In.)	80	95
	Rate at Wheel (#/In.)(a) b)	130	165
	No. of Leaves	5	

(a) Without Tires

(b) At Curb Load

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE	MODEL YEAR	1959	DATE: ISSUED	8-1-58	REVISED
MODEL	MD1	MD2	MD3	MD3-L St Wag	MD3-H St Wag	

SUSPENSION FRONT (cont.)

Spring	Type	Torsion Bar			
	Material	Chromium-Alloy Steel			
	Size (coil design height & I.D.; bar length x dia.)	40 x 1.010	(a)		40 x 0.970
	Spring rate (lb. per in.)	Not Applicable			
	Rate at wheel (lb. per in.) (b)	125			105
	Design load (lb. @ design height)	Not Applicable			
Stabilizer	Type (link, linkless, frameless)	None		Link	
	Material & bar diameter	None		Steel - .75	

STEERING

Mechanical (std., opt., NA)			Standard			
Power (std., opt., NA)			Optional			
Wheel diameter			17"			
Turning diameter	Outside front	Wall to wall (l. & r.)	46.7'			
		Curb to curb (l. & r.)	43.7'			
	Inside rear	Wall to wall (l. & r.)	28.1'; Suburbans - 28.7			
		Curb to curb (l. & r.)	27.1'			
Outside wheel angle with inside wheel at 20°			18° 46'			
Mechanical	Gear	Type	Worm & Three-Tooth Roller			
		Make	Own			
		Ratios	Gear	20.4		
			Overall	29.97		
	No. wheel turns		5.2			
Power	Type	Integral				
	Make	Own				
	Trade name		Constant Control			
	Gear	Type	Rack and Sector			
		Ratios	Gear	15.7		
			Overall	19.1		
	Pump driven by		Belt From C/S Pulley			
Number wheel turns		3.5				
Linkage	Type	Symmetrical Idler Arm, Equal Length Tie Rods				
	Location (front or rear of wheels, other)	Rear				
	Drag link (trans. or longit.)	Transverse				
	Tie rods (one or two)	Two				

(a) Convertible Coupe: 44 x 1.04

(b) Without Tires

(Continued)

Rev. Form 1-58

AMA Specifications – Passenger Car

MAKE OF CAR	DODGE	MODEL YEAR	1959	DATE: ISSUED	8-1-58	REVISED	
MODEL	MD1	MD2	MD3	MD3-L, MD3-H Station Wagons			

STEERING (cont.)

Steering Axis	Inclination at camber (deg.)		6-1/2° at 0°
	Bearings (type)	Upper	Ball Joint
		Lower	Ball Joint
		Thrust	Oil-Impregnated Sintered Metal
Wheel alignment (range and preferred)	Caster (deg.)		Mechanical Steering: -3/4° ± 3/4° Power Steering: +3/4° ± 3/4°
	Comber (deg.)		Left: +1/4° ± 1/4° (Prefer 3/8°) Right: 0° ± 1/4° (Prefer 0°)
	Toe-in (outside tread-inches)		3/32 to 5/32" (Prefer 1/8)
Steering spindle & joint type			Ball Socket
Wheel spindle	Diameter	Inner bearing	1.25"
		Outer bearing	0.75"
	Thread size		3/4 - 16 N. F.
	Bearing type		Tapered Roller

SUSPENSION—REAR

Type and description		Outboard, Parallel, Longitudinal				
Drive and torq. taken through (see page 14)		Rear Springs				
Spring	Type	Leaf				
	Material	Steel				
	Size (length x width, coil design height and I.D.; bar length & dia.)		57 x 2.50			
	Spring rate (lb. per in.)		90 - 100	120 - 130		
	Rate at wheel (lb. per in.)		130		165	
	Design load (lb. at design height)		(a)	(b)	(c) (d)	
	Mounting insulation type		Rubber			
	If leaf	No. of leaves		4	5	6
		Inserts	Type and size	(e)	(f)	(g)
			Material	Front: Rubber; Rear: Wax Impregnated Fabric		
Shackle (comp. or tens.)		Compression				
Stabilizer	Type (link, linkless, frameless)		None			
	Material		---			
Track bar type		None				

- (a) Right: 680; Left: 720.
- (b) Right: 680, Left: 720; Convertible - Right: 720, Left: 760.
- (c) Right: 720, Left: 760; Convertible - Right: 760, Left: 800.
- (d) Right: 1000, Left: 1040.
- (e) 2 at 2.5 inches; 2 at 3.5 inches.
- (f) 2 at 2.5 inches; 3 at 3.5 inches.
- (g) 3 at 2.5 inches; 3 at 3.5 inches.

MAKE OF CAR DODGE MODEL YEAR 1959 DATE: ISSUED 8-1-58 REVISED _____

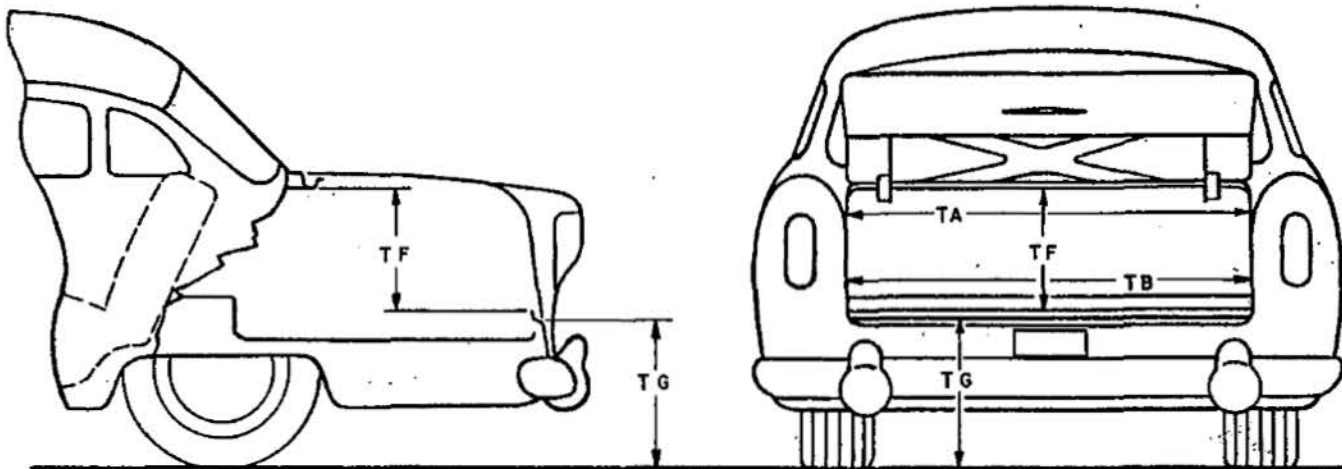
BODY—GENERAL DEFINITIONS

NOTE: Included in the dimension definitions listed on this and the following pages are those which have been adopted by the S.A.E. These are indicated by a number following the type of dimension, e.g. L 3. Additional dimensions have been added by the AMA Specifications Body Sub-Committee for inclusion in the Questionnaire. These are shown by an additional letter, e.g., HA. Symbol "a" added as suffix to SAE dimensions indicates an AMA modification. The dimensions are developed from the following basic points:

1. Front and rear seat free "A" points are taken 5" forward of vertical tangent to seat back 15" from center of body.
2. Front and rear seat "B" points are located on seat back 15" from center of body at height of horizontal tangent to top of seat cushion.
3. Front seat is in the full down and normal rearmost position.
4. Loaded position—5 passenger, front 300 lb., rear 450 lb.; includes spare wheel, tire and tools, and full complement of gas, oil, water, and tires to recommended pressure, etc.
5. C/L (centerline).
6. D. L. O. (daylight opening, exposed glass dimension - pages 21, 23 & 25).
7. Ramp breakover angle (page 21) is the supplement of the included ramp angle (180° minus the included ramp angle) over which a car can pass without hanging up.

MODEL	MD1, MD2, MD3	4-Door Sedan	4-Door Hardtop	2-Door Hardtop
-------	---------------	--------------	----------------	----------------

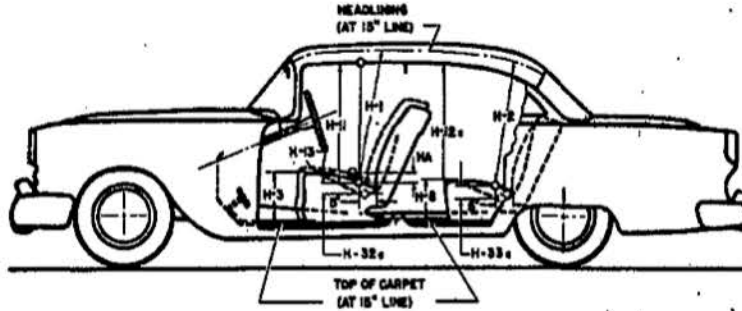
BODY—TRUNK DIMENSIONS



Usable trunk luggage capacity (see Section H1 of SAE Automotive Drafting Standards) (Actual)	38.6	41.3
TA—Width across the top	58.4	
TB—Width across the bottom	51.2	
TF—Vertical dimension at C/L from bottom to top of opening.	15.4	
TG—Vertical height from ground to trunk lower opening (normal surface of outside sheet metal - loaded)	MD1, MD2 - 19.3; MD3 - 19.6	
Position of spare tire stowage	Horizontal on trunk floor	
Method of holding lid open	Torsion bar	

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** _____

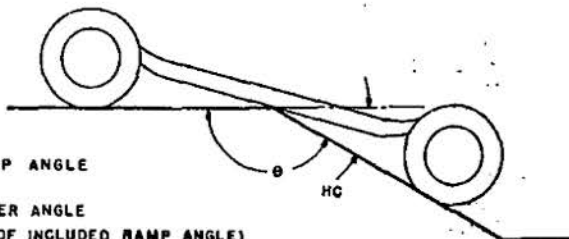
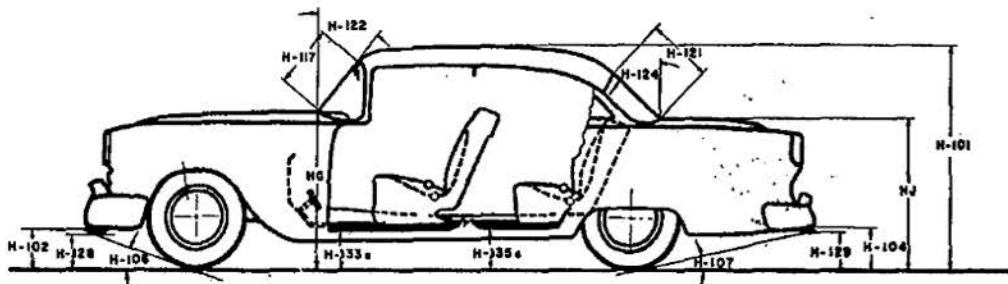
BODY—HEIGHT DIMENSIONS--INTERIOR



MODEL MD1, MD2, MD3	4-Door Sedan	4-Door Hardtop	2-Door Hardtop
H1. Front headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line. (For "A" pt. see note 1, page 19)	35.7	34.4	33.7
H2. Rear headroom—from free "A" pt. to headlining at 8° back of vertical on 15" line.	34.5	34.7	33.7
H3. Front cushion height above low point on floor carpet on 15" line (front edge of cushion).		10.8	
H8. Rear cushion height above low point on floor carpet on 15" line (front edge of cushion).	11.9		10.0
H11. Entrance—front—cushion free "A" point to bottom windcord vertical.		31.2	
H12a. Entrance — rear — top of cushion at vertical tangent to front of rear seat, to bottom of windcord in rear.		27.5	
H13. Steering wheel clearance to seat cushion taken on arc (wheel turned for min. clearance).		6.5	
HA. Front seat maximum vertical rise at free "A" point.		1.2	
HF. Front seat maximum vertical rise of free "A" point with multiple-position seat.		2.6	
H32a. Front seat depressed depth — vertical dimension from free "A" point to depressed "A" point.		4.0	
H33a. Rear seat depressed depth — vertical dimension from free "A" point to depressed "A" point.		4.0	

AMA Specifications – Passenger Car

MAKE OF CAR DODGE MODEL YEAR 1959 DATE ISSUED 8-1-58 REVISED _____
BODY—HEIGHT DIMENSIONS—EXTERIOR



MODEL	4-Dr. Sedan	4-Dr. Hardtop	2-Dr. Hardtop
H101. Overall height - loaded.	56.8 (a)	54.9 (a)	54.3 (a)
HB. Overall height - curb weight.	58.6 (b)	56.7 (b)	56.1 (b)
H102. Front bumper bottom to ground at normal section.	Coronet 10.8; Royal & Cust. Royal 10.9		
H104. Rear bumper bottom to ground at normal section.	Coronet 9.7; Royal & Cust. Royal 10.0		
H106. Angle of aprt.-fr. tire static loaded rad. to interfering pt. on fr. bumper, gd., other.	17°		
H107. Angle of dep.-fr. tire static loaded rad. to interfering pt. on rr. bumper, gd., other.	9°		
HC. Ramp breakover angle.*	Coronet 10.1; Royal & Cust. Royal 10.4		
H117. Windshield DLO-slant height.	22.3	24.1	25.0 20.7
H121. Backlight DLO*-max., slant height.	19.7	24.1	20.7
H122. Windshield slope angle to vertical line on car axis.	50°	54°	
H124. Backlight slope angle to vertical line on car axis.	53°		55°
H128. Ground to bottom of front bumper guard.	Not Applicable		
H129. Ground to bottom of rear bumper guard.	"		
H133a. Bottom of front door to ground, min. dimension - car loaded.	Coronet 11.1; Royal & Cust. Royal 11.3		
H135a. Bottom of rear door to ground, min. dimension - car loaded.	Coronet 10.8; Royal 10.7; Cust. Royal 11.0		
HD. Min. road clear. (5 pass. load) & loc.	Coronet 5.35; Royal & Cust. Royal 5.54 - Frame		
HE. Min. road clearance at rear axle.	Coronet 7.1; Royal & Cust. Royal 7.4		
HG. Hood at rr. to grd.-vert. dim. excl. molding, fr. hood opening line at cowl (curb wt.)	Coronet 38.5; Royal & Cust. Royal 38.8		
HH. Max. ht., fr. grd. frt. of windshield (curb wt.)	Coronet 38.9; Royal & Cust. Royal 39.2		
HJ. Max. ht. fr. grd. back of r. window (curb wt.)	37.3		37.5

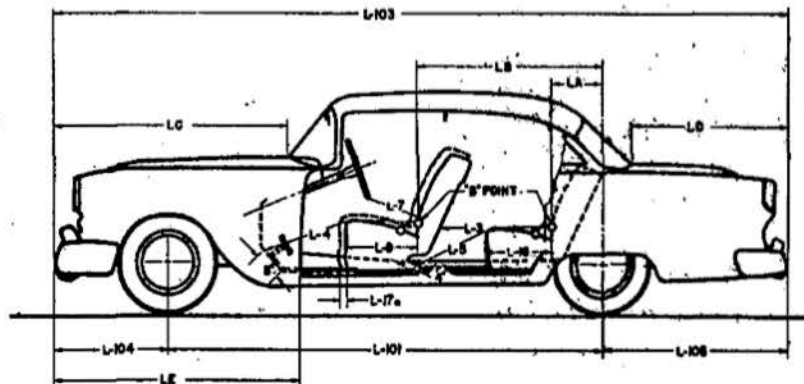
* See Notes, page 19. (a) Coronet: 4-Dr. Sedan 56.6; 4-Dr. HT 54.7; 2-DR. HT 54.1 Rev. Form 1-58
 (b) Coronet: 4-Dr. Sedan 58.4; 4-Dr. HT 56.5; 2-DR. HT 55.9

AMA Specifications - Passenger Car

Page 22

MAKE OF CAR DODGE MODEL YEAR 1959 DATE ISSUED 8-1-58 REVISED 4-7-59

BODY-LENGTH DIMENSIONS



MODEL MD1, MD2, MD3		4-Door Sedan	4-Door Hardtop	2-Door Hardtop
Interior	* L3. Rear compartment of front seat back to rear seat back.	31.0 (a)		26.0 (a)
	* L4. Leg room—front—ball of foot to top of seat to seat back--15" line.	45.5		
	* L5. Leg room—rear—from ball of foot to top of seat cushion and to seat back.	42.5	36.5	
	L7. Steering wheel clearance to seat back taken on arc.	15.4		
	* L9. Front seat depth (front edge to vert. tan. to seat back on 15" line).	18.6		
	* L16. Depth of rear seat (front edge to seat back).	18.6		
	L17a. Total adjustment of front seat at front lower seat frame.	4.8 Manual; 5.0 Power		
	LA. Rear seat "B" point to center line of rear axle.	20.2	26.2	
	LB. Front seat "B" point to center line of rear axle.	57.8		
	LC. Front of car to base of windshield.	58.9		
	LD. Rear of car to base of rear window or upper structure.	46.3	50.3	54.1
LE. Front of car to front edge of front door.	64.2			
Exterior	L101. Wheelbase.	122.0		
	L103. Overall length (bumper to bumper inc. guards).	217.4 (station wagon 216.4)		
	L104. Overhang—front including bumper guards.	35.2		
	L105. Overhang—rear including bumper guards.	60.2 (station wagon 59.2)		

* Dimension taken on 15" line—see notes 1 & 2, page 19.

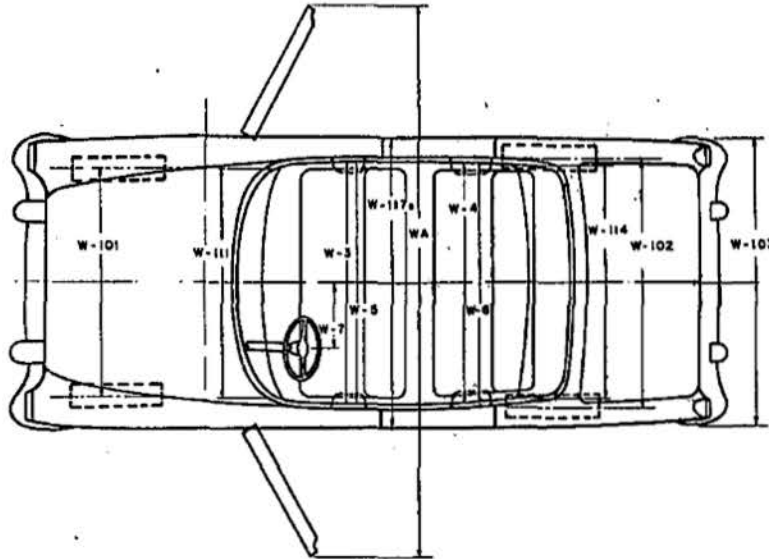
Rev. Form 1-58

(a) With optional swivel front seat - 4-door sedan & 4-door hardtop: 31.6; 2-door hardtop: 26.6

AMA Specifications – Passenger Car

MAKE OF CAR DODGE MODEL YEAR 1959 DATE ISSUED 8-1-58 REVISED 4-7-59

BODY—WIDTH DIMENSIONS



MODEL	MD1, MD2, MD3	4-Door Sedan	4-Door Hardtop	2-Door Hardtop
Interior	W3. Front shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	60.5		61.0
	W4. Rear shoulder room, at garnish moulding height or nearest interference 5" forward of seat back.	60.4		60.5
	W5. Front hip room, at top of seat 5" forward of vert. tan. to seat back.	63.0		
	W6. Rear hip room, at top of seat 5" forward of vert. tan. to seat back.	62.7		56.0
	W7. Steering wheel center to center of body.	Manual steering 16.11; Power 16.25		
Exterior	W101. Front tread at ground.	60.9(a); 61.4 (b)	60.9	60.9(a); 61.4 (b)
	W102. Rear tread at ground.	59.8(a); 60.2 (b)	59.8	59.8(a); 60.2 (b)
	W103. Max. overall width of car including bumpers or mouldings.	80.0		
	WA. Max. overall width of car with doors open.	156.8		167.4
	W111. Windshield DLO, max. width.	63.2	64.0	
	W114. Back window DLO, max. width.	60.4	61.0	60.0
	W117a. Max. body width at center pillar, less hardware and applied moldings.	75.6		

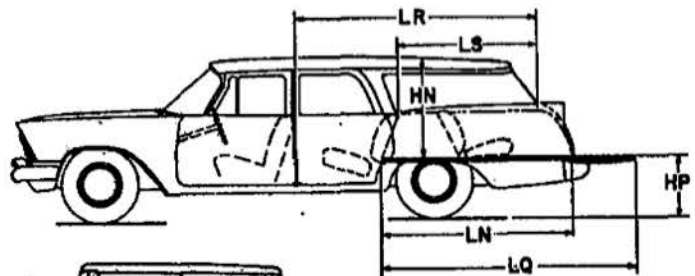
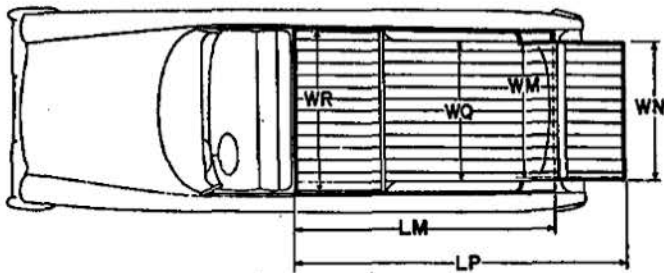
- (a) Royal and Custom Royal models only.
- (b) Coronet 6 and V-8.

AMA Specifications – Passenger Car

Page 24

MAKE OF CAR DODGE MODEL YEAR 1959 DATE: ISSUED 8-1-58 REVISED

STATION WAGON—CARGO SPACE DIMENSIONS



NOTE: Front seat in full down and rearmost position for all measurements.

MODEL	MD3-L, MD3-H
LM Floor length from bottom of front seat to inside of tail gate in raised position.	98.6
LN Floor lgth. from bottom of second seat to inside of tail gate in raised position.	64.5
LP Floor lgth. from bottom of front seat to end of tail gate in lowered position.	119.7
LQ Floor lgth. from bottom of second seat to end of tail gate - tail gate lowered.	85.6
HM Maximum hgth. of rear opening - tail gate lowered.	28.5
WM Rear end opening width at floor.	46.0
WN Rear end opening width at top of tail gate.	50.7
WQ Minimum distance between wheelhouses.	45.7
WP Maximum width of rear opening above raised tail gate.	48.0
WR Maximum width of cargo space at floor.	62.5
LR Cargo horizontal distance from top rear of front seat back to top of tail gate.	81.7
LS Cargo horizontal distance from top rear of second seat back to top of tail gate.	47.5
HN Maximum height of roof above floor at center line of car.	33.0
HP Platform height of end of lowered tail gate - curb weight.	27.5
Third Seat - facing direction.	Rearward

AMA Specifications - Passenger Car

MAKE OF CAR DODGE **MODEL YEAR** 1959 **DATE ISSUED** 8-1-58 **REVISED** 4-7-59
MODEL MD1, MD2, MD3 4-Dr. Sedan 4-Dr. Hardtop 2-Dr. Hardtop

BODY—MISCELLANEOUS INFORMATION

Drs. hinged (front, rear)	Front doors	Front
	Rear doors	Front
Type of finish (lacquer, enamel).		Synthetic Enamel
Hood hinge location (front, rear).		Rear
Hood counterbalanced (yes, no).		Yes
Hood release control (internal, external).		External
Vehicle (Serial) No. Location		Under Hood, Left Side of Top Cowl Panel
Engine No. location		Front of Engine; Top Left on 6's, Top Center on V-8's
Theft protection - type		Door Locks, Terminal Barrier on Ign. Switch, Ign. Key Start
Vent window control method (crank, friction pivot).		Friction Pivot
Windshield type (single curved, compound curved, other)		Single Curved Compound Curved
Rear window type (flat, curved, one piece, three piece)		Single Curved
Side glass type (curved, flat)		Flat
Windshield glass area D.L.O.		1444 1586
Backlight glass area D.L.O.		1173 1550 1205
Total glass area D.L.O.		4149 4344 4113

BODY—TYPES AND STYLE NAMES

Body type, number of passengers & style names; use manufacturer's code for series & body style.

BODY STYLES:	CODES					
	Coronet Six	Coronet V-8	Royal	Custom Royal	Standard Sta. Wag.	Custom Sta. Wag.
Club Sedan, 6-Pass 2-Door	MD1-L-21	MD2-L-21				
Lancer, 6-Pass. 2-Door HT	MD1-L-23	MD2-L-23	MD3-M-23	MD3-H-23		
Convertible Coupe 6-Pass.		MD2-L-27		MD3-H-27		
4-Door Sedan, 6-Pass.	MD1-L-41	MD2-L-41	MD3-M-41	MD3-H-41		
Lancer 4-Dr., 6-Pass.		MD2-L-43	MD3-M-43	MD3-H-43		
Sierra, 6-Pass. 4-Dr. 2-Seat Sta. Wagon					MD3-L-45A	
Sierra, 9-Pass. 4-Dr. 2-Seat Sta. Wagon					MD3-L-45B	
Custom Sierra, 6-Pass 4-Dr., 2-Seat St. Wag.						MD3-H-45A
Custom Sierra Spec. 4-Dr.; 2-Seat, 9-Pass. Station Wagon						MD3-H-45B

INDEX

SUBJECT	PAGE NO.	SUBJECT	PAGE NO.
Air Suspension	16	Lamp Bulbs	11
Angles of Approach, Departure	21	Legroom	22
Automatic Transmission	1, 13	Lengths - Car, & Body Interior	1, 22
Axis, Steering	18	Lifters, Valve	4
Axle, Rear	1, 14	Linings - Clutch, Brake	12, 15
Battery	8	Lubrication	5, 6, 12, 13, 14
Bearings, Engine	3, 4, 7	Motor, Starting	8
Belts - Fan, Generator, Water Pump	7	Muffler	6
Body - General Information, Types	19, 25	Overdrive	13
Height Dimensions	21	Piston Pins & Rings	3
Length Dimensions	22	Pistons	2, 3
Overall Dimensions	1, 21, 22, 23	Power Brakes	15
Trunk Capacities, Opening Dimensions	19	Power Steering	17
Width Dimensions	23	Propeller Shaft, Universal Joints	14
Brakes - Parking, Service, Power	15, 16	Pumps - Oil, Fuel	6
Camber	18	Water	7
Camshaft	4	Radiator, Hoses	7
Capacities		Ramp Break-over Angle	21
Cooling System	7	Ratios - Axle	1, 14
Fuel Tank	6	Compression	1, 2
Lubricants		Steering	17
Engine Crankcase	6	Transmission	12, 13
Transmission and Overdrive	12, 13	Rear Axle	1, 14
Rear Axle	14	Regulator - Generator	8
Carburetor	6	Rims	15
Caster	18	Rings, Piston	3
Choke, Automatic	6	Rods - Connecting	3
Circuit Breakers, Fuses	11	Shock Absorbers, Front & Rear	16
Clearance, Ground	21	Spark Plugs	9
Clutch - Pedal Operated	12	Speedometer	10
Coil, Ignition	9	Springs - Front & Rear Suspension	17, 18
Connecting Rods	3	Valve, Engine	5
Cooling System	7	Stabilizer (Sway Bar) - Front & Rear	17, 18
Crankshaft	4	Starting Motor	8
Cylinders and Cylinder Head	2	Steering	17, 18
Distributor - Ignition	9	Suppression - Ignition, Radio	9
Electrical System	8, 9, 10, 11	Suspension - Front & Rear	16, 17, 18
Engine		Switches	10
Bore, Stroke, Displacement, Type	1, 2	Tailpipe	6
Compression Ratio	1, 2	Thermostat, Cooling	7
Firing Order, Cylinder Numbering	2, 9	Timing, Engine & Valve	4, 5, 9
General Information, H.P. & Torque	1, 2	Tires	1, 15
Lubrication	5, 6	Toe in	18
Exhaust System	6	Torque Converter	13
Fan, Cooling	7	Torque - Engine, Rated	1, 2
Filters - Engine Oil, Fuel System	6	Transmission - Types	1, 12, 13
Frame	16	Automatic	1, 13
Front Suspension	16, 17	Manual & Overdrive	12, 13
Fuel, Fuel Pump, Fuel System	6	Ratios	12, 13
Fuel Injection	1, 6	Tread	1, 23
Fuses, Circuit Breakers	11	Turning Diameter	17
Generator and Regulator	8	Universal Joints, Propeller Shaft	14
Glass	21, 23, 25	Valves - Intake & Exhaust	4, 5
Headroom - Body	20	Vibration Damper	4
Heights - Car & Body	1, 20, 21	Voltage Regulator	8
Hood	25	Water Pump	7
Horns	10	Weights - Shipping, Curb	26
Horsepower - Brake, Rated, Taxable	1, 2	Wheel Alignment	18
Ignition System	9	Wheelbase	1, 22
Inflation - Tires	15	Wheels & Tires	15
Instruments	6, 10	Wheel Spindle	18
Kingpin (Steering Axis)	18	Widths - Car & Body	1, 23
		Windshield	21, 23, 25
		Windshield Wiper	10