AMA Specifications – Passenger Car

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MANUFACTURER	CAR NAME	
DODGE DIVISION CHRYSLER CORPORATION	DODGE DART DODGE	
MAILING ADDRESS	MODEL YEAR	ISSUED: 8-1-62
DETROIT 31, MICHIGAN	1963	REVISED (•) 1-31-63

NOTES:

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

TABLE OF CONTENTS

BODY—TYPES AND STYLE NAMES—

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

	DART		
	170	270	GT
2-Door Sedan	TL1-L-21	TL1-H-21	--
2-Door Hardtop	--	--	TL1-P-23
Convertible Coupe	--	TL1-H-27	TL1-P-27
4-Door Sedan	TL1-L-41	TL1-H-41	--
4-Door Station Wagon, 6-Passenger	TL1-L-45	TL1-H-45	--

	DODGE SIX			DODGE V-8			
	330	440	Polara	330	440	Polara	Polara 500
2-Door Sedan	TD1-L-21	TD1-M-21	--	TD2-L-21	TD2-M-21	--	--
2-Door Hardtop	--	TD1-M-23	TD1-H-23	--	TD2-M-23	TD2-H-23	TD2-P-23
Convertible Coupe	--	--	--	--	--	TD2-H-27	TD2-P-27
4-Door Sedan	TD1-L-41	TD1-M-41	TD1-H-41	TD2-L-41	TD2-M-41	TD2-H-41	--
4-Door Hardtop	--	--	--	--	--	TD2-H-43	--
4-Door Station Wagon, 6-Passenger	TD1-L-45	--	--	TD2-L-45	TD2-M-45	--	--
4-Door Station Wagon, 9-Passenger	TD1-L-45	--	--	TD2-L-45	TD2-M-45	--	--

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MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED(•) 1-31-63

GENERAL SPECIFICATIONS

(All dimensions in inches unless otherwise indicated)

MODEL		Additional Information Page No.:	TL1			TD1		TD2-L, M, H			TD2-P	
			Sd. & HT	Conv. Cpe.	Sta. Wag.	Sd. & HT	Sta. Wag.	Sd. & HT	Conv. Cpe.	Sta. Wag.	HT	Conv. Cpe.
Wheelbase (L101)		23	111.0		106.0	119.0	116.0	119.0		116.0	119.0	
Tread	Front (W101)	22	55.9			59.5						
	Rear (W102)	22	55.6			57.5						
Maximum Overall Dimensions	Length (L103)	23	196.3		190.2	208.1	210.7	208.1		210.7	208.1 •	
	Width (W103)	22	69.8		68.8	76.5						
	Height (H101)	24	54.0	54.5	53.1	54.1	54.0	53.9	54.3	54.0	53.9	54.3
Transmission—(Specify trade name – opt., not available)	Manual	15	Std.									
	Overdrive	16	NA									
	Automatic	16	Opt.: TorqueFlite									
Axle ratio (a)	Manual	17	2.93			3.31	3.23	2.93 (b)			3.23 •	
	Overdrive	17	--									
	Automatic	17	3.23			2.93	3.23	2.76				
Tire size		18	6.50 x 13			7.00 x 14						
Engine	Type, no. cyl., valve arr.	2	6, in-line, OHV, inclined 30°					90°V-8, OHV				
	Fuel system (Carb., other)	8	Carb., 1-bbl					Carb., 2-bbl				
	Bore and stroke	2	3.400 x 3.125			3.400 x 4.125		3.91 x 3.31			4.25 x 3.38	
	Piston displ., cu.in.	2	170			225		318			383	
	Std. compression ratio	2	8.2					9.0			10.0	
	Max. bhp at engine rpm	2	101 @ 4400			145 @ 4000		230 @ 4400			305 @ 4600	
	Max. torque at rpm	2	155 @ 2400			215 @ 2400		340 @ 2400			410 @ 2400	

(a) See Pages 3 and 17 for additional rear axle ratio information.

(b) Early-built cars 3.23

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MODEL	TL1		TD1	TD2-L, M, H		TD2-P	
	Std. 170 cu in.	Opt. 225 cu in.	Std. 225 cu in.	Std. 318 cu in.	Opt. 383 cu in.	Std. 383 cu in.	Opt. 383 cu in.

ENGINE—GENERAL

Type, no. cyls., valve arr.		6, in-line, OHV, inclined 30°			90° V-8, OHV			
Bore and stroke (nominal)		3.400 x 3.125	3.400 x 4.125	3.91 x 3.31	4.25 x 3.38			
Piston displacement, cu. in.		170	225	318	383			
Bore spacing (C/L to C/L)		(a)		4.46	4.80			
No. system (front to rear)	L. Bank	--		1-3-5-7				
	R. Bank	--		2-4-6-8				
Firing order		1-5-3-6-2-4		1-8-4-3-6-5-7-2				
Compres. ratio (nominal)		8.2		9.0	10.0			
Cylinder Head Material		Cast iron						
Cylinder Block Material		Cast iron	(b)	Cast iron				
Cylinder Sleeve-Wet, dry, none		None	(c)	None				
Number of mounting points	Front	Two						
	Rear	One						
Engine installation angle		1.25° left, 3° up		1.1° right, 2.6° up				
Taxable horsepower $\frac{\text{Dia.}^2 \times \text{No. Cyl.}}{2.5}$		27.7		48.9	57.8			
Published max. bhp* @ eng. RPM		101 @ 4400	145 @ 4000	230 @ 4400	305 @ 4600	330 @ 4600	305 @ 4600	330 @ 4600
Published max. torque* (lb. ft. @ RPM)		155 @ 2400	215 @ 2400	340 @ 2400	410 @ 2400	425 @ 2800	410 @ 2400	425 @ 2800
Recommended fuel regular - premium		Regular			Premium			
Idle speed (spec. neutral or drive)	Manual	550 in neutral (d)		500 in neutral				
	Automatic	550 in neutral (d)		500 in neutral				

ENGINE—PISTONS

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

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

(a) 3.98 for 1-2, 3-4, and 5-6; 4.0 for 2-3 and 4-5.
(b) Cast iron or aluminum optionally.
(c) Dry sleeve used with aluminum block.
(d) With alternator charging.
(e) Horizontal slot, steel band, elliptically-turned, tin-plated.

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MAKE OF CAR DART-DODGE **MODEL YEAR** 1963 **DATE ISSUED** 8-1-62 **REVISED (•)** 1-31-63

POWER TEAMS
(Indicate whether standard or optional)

MODEL AVAILABILITY		ENGINE					TRANSMISSION		AXLE RATIO (Std. first)
		Displ. cu. in.	Carburetor	Compr. Ratio	BHP @ RPM	Torque @ RPM			
DART	Std.	170	1-bbl	8.2	101 @ 4400	155 @ 2400	Man.	Early Cars	3.23, 3.55, •
								Later Cars	2.93, 3.23, 3.55, •
							Automatic		3.23, 3.55
	Opt.	225			145 @ 4000	215 @ 2400	Manual		3.23, 3.55, •
							Automatic		2.93, 3.23, 3.55
DODGE 6	Std. All Except Sta. Wag.	225	1-bbl	8.2	145 @ 4000	215 @ 2400	Manual		3.31, 3.55
							Automatic		2.93, 3.31, 3.55
	Std. Sta. Wag.						Manual		3.23, 3.55
							Automatic		3.23, 3.55
DODGE V-8	Std. 330, 440, Polara	318	2-bbl	9.0	230 @ 4400	340 @ 2400	Man.	Early Cars	3.23, 3.55
								Later Cars	2.93, 3.23, 3.55
							Automatic		2.76, 3.23
	Std. Polara 500; Opt. - 330, 440, Polara	383		10.0	305 @ 4600	410 @ 2400	Man.	3-Speed	3.23
								4-Speed	3.55, 3.23
							Automatic		3.23, 2.76
	Opt. 330, 440, Polara Polara 500		4-bbl		330 @ 4600	425 @ 2800	Man.	3-Speed	3.23
								4-Speed	3.55, 3.23
							Automatic		3.23, 2.76

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MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•)

MODEL

			See Page 2 for engine usage			
			170 cu in.	225 cu in.	318 cu in.	383 cu in.
ENGINE—RINGS						
Function (top to bottom)	No. 1, oil or comp.		Compression			
	No. 2, oil or comp.		Compression			
	No. 3, oil or comp.		Oil			
	No. 4, oil or comp.		None			
Compression	Description – material, type, coating, etc.		Cast iron, low taper and twist, tin-plated	#1: Cast iron, taper twist, tin-plated (a)	Cast iron, standard taper and twist, tin-plated	
	Width		.078			
	Gap		.010 - .020			.013 - .025
Oil	Description – material, type, coating, etc.		Cast iron, single piece	(b)	Cast iron, single piece	
	Width		.186			
	Gap		.010 - .020			.013 - .025
Expanders			Oil ring only: low tension, hump type			(c)
ENGINE—PISTON PINS						
Material			High manganese steel			
Length			2.965		2.995	3.565
Diameter			.9008		.9842	1.094
Type	Locked in rod, in piston, floating, etc.		Press-fit in rod		Floating	Press-fit in rod
	Bushing	In rod or piston	None		Rod	None
		Material	--		Bronze on steel	--
Clearance	In piston		.00025 - .00075		.0000 - .0005	.00035 - .00085
	In rod		(d)		.0001 - .0006	(d)
Direction & amount offset in piston			Right .06			Right .09
ENGINE—CONNECTING RODS						
Material			Drop-forged steel			
Weight (oz.)			25.7	27.3	25.6	28.6
Length (center to center)			5.71	6.70	6.12	6.36
Bearing	Material & Type		Lead-base babbitt on steel, removable, precision		Bi-metal grid	Lead-base babbitt on steel, removable, precision
	Overall length		.985		.843	.927
	Clearance (limits)		.0005 - .0015			
	End play		.006 - .012		.006-.014(2-rods)	.009-.017(2-rods)

(a) #2: Cast iron, reverse twist, taper-face, lubrite-coated.

(b) 3-piece; two chrome-plated rails with stainless steel expander-spacer.

(c) Oil ring only: Standard tension, hump type.

(d) .0007 - .0014 interference.

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MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (*)

See page 2 for engine usage

MODEL	170 cu in. 225 cu in.	318 cu in.	383 cu in.

ENGINE—CRANKSHAFT

Material			Drop-forged steel		
Vibration damper type			Non-adhesion, rubber, dynamic		
End thrust taken by bearing (No.)			Three		
Crankshaft end play			.002 - .007		
Main bearing	Material & type		Lead-base babbitt on steel, removable, precision; #3 only - tin-base babbitt on steel		
	Clearance		.0002 - .0022 specified; .0005 - .0015 desired		
	Journal dia. and bearing overall length	No. 1	2.750 x 1.034	2.500 x .872	2.625 x .944
		No. 2	2.750 x 1.034	2.500 x .872	2.625 x .944
		No. 3	2.750 x 1.254	2.500 x 1.151	2.625 x 1.221
		No. 4	2.750 x 1.034	2.500 x .872	2.625 x .944
		No. 5	--	2.500 x 1.562	2.625 x .944
		No. 6	--		
		No. 7	--		
	Dir. & amt. cyl. offset		None		
Crankpin journal diameter			2.187	2.125	2.375

ENGINE—CAMSHAFT

Location			Right side	Center of "V" above crankshaft	
Material			Hardenable cast iron: oil pump cam and distributor drive gear cast integrally		
Bearings	Material		Lead-base babbitt on steel		
	Number		Four	Five	
Type of Drive	Gear or chain		Chain		
	Crankshaft gear or sprocket material		Malleable cast iron or sintered iron (Super-Oilite)		
	Camshaft gear or sprocket material		Cast iron		
	Timing chain	No. of links	50	68	50
		Width	.88	1.02	.88
		Pitch	.50	.38	.50

ENGINE—VALVE SYSTEM

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

(Continued)

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MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (*)

MODEL

See Page 2 for engine usage

			170 cu in. 225 cu in.	318 cu in.	383 cu in. 2-bbl	383 cu in. 4-bbl
ENGINE—VALVE SYSTEM (cont.)						
Timing	Intake	Opens (°BTC)	8	19	13	24
		Closes (°ABC)	44	45	59	64
		Duration - deg.	232	244	252	268
	Exhaust	Opens (°BBC)	48	59	59	64
		Closes (°ATC)	TDC	1	13	24
		Duration - deg.	228	240	252	268
	Valve opening overlap		8	20	26	48
Intake	Material		SAE 1041			
	Overall length		4.77	4.60	4.87	
	Actual overall head dia.		1.62	1.84	2.08	
	Angle of seat & face		47° - 45°	45°		
	Seat insert material		None			
	Stem diameter		.37			
	Stem to guide clearance		.001 - .003			
	Lift (@ zero lash)		.371	.397	.392	.430
	Outer spring press. and length	Valve closed (lb. @ in.)	53 @ 1.69		100 @ 1.86	
		Valve open (lb. @ in.)	143.5 @ 1.31		195 @ 1.47	
	Inner spring press. and length	Valve closed (lb. @ in.)	None			Damper only
		Valve open (lb. @ in.)	None			
Exhaust	Material		21-4N			
	Overall length		4.80	4.54	4.89	
	Actual overall head dia.		1.36	1.56	1.60	
	Angle of seat & face		45°			
	Seat insert material		None			
	Stem diameter		.37			
	Stem to guide clearance		.002 - .004			
	Lift (@ zero lash)		.364	.403	.390	.430
	Outer spring press. and length	Valve closed (lb. @ in.)	53 @ 1.69		100 @ 1.86	
		Valve open (lb. @ in.)	143.5 @ 1.31		195 @ 1.47	
	Inner spring press. and length	Valve closed (lb. @ in.)	None			Damper only
		Valve open (lb. @ in.)	None			

ENGINE—LUBRICATION SYSTEM

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

(Continued)

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MODEL	TL1	TD1	TD2-L, M, H Std.	TD2-L, M, H Opt. TD2-P Std. TD2-P Opt.

ENGINE—LUBRICATION SYSTEM (cont.)

Oil pump type	Rotary
Normal oil pressure (lb. @ engine rpm)	45 to 65 @ 2000
Oil pressure sending unit (elect. or mech.)	Electrical
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, partial, other)	Full flow
Filter replacement (element, complete)	Complete
Capacity of crankcase, less filter-refill (qt.)	4
Oil grade recommended (SAE viscosity and temperature range)	Above +32F . . . . . SAE 30, SAE 10W-30, or SAE 20W-40 As low as +10F . . . . . SAE 20W or SAE 10W-30 As low as -10F . . . . . SAE 10W, SAE 10W-30, or SAE 5W-20 Below -10F . . . . . SAE 5W-20
Engine Service Requirement (MM, MS, etc.)	MS

ENGINE—EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)		Single		Single, with cross-over	
Muffler No. & type (reverse flow, straight thru, separate resonator)		One, reverse flow			
Exhaust pipe dia. (O.D. & wall thickness)	Branch	--		1.75 x .075	1.88 x .083 ●
	Main	1.75 x .060	1.88 x .060	2.00 x .075	2.25 x .083 ●
Tail pipe diameter (O.D. & wall thickness)		1.50 x .048	1.75 x .048	1.88 x .048	1.88 x .048 ●

ENGINE—CRANKCASE VENTILATION SYSTEM

Type (ventilates to atmos., Induction system, other)		Standard	Induction system
		Optional	--
Control unit	Make and model		AC or Chicago Screw (a)
	Location		Cylinder head cover outlet
	Energy source (manifold vacuum, carburetor air stream, other)		Manifold vacuum
	Control method (variable orifice, fixed orifice, other)		Variable orifice
Complete system	Discharges (to intake manifold, carb. air intake, air cleaner intake, other		Intake manifold, at or through base of carburetor
	Air inlet (breather cap, carburetor air cleaner, other)		Breather cap
	Flame arrestor (screen, check valve, other)		Check valve

(a) Part numbers: for 170 cu in. engine, Chicago Screw - 2406211, AC - 2205957
for all other engines, Chicago Screw - 2406212, AC - 2264344

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MODEL	TL1		TD1	TD2-L, M, H		TD2-P
	Std. 170 cu in.	Opt. 225 cu in.	Std. 225 cu in.	Std. 318 cu in.	Opt. 383 cu in.	Std. 383 cu in.

ENGINE—FUEL SYSTEM

(See Supplement to Page 8 for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.			Carburetor			
Fuel Tank	Capacity (gals.)		18	20; Sta. Wag. 21.5		20
	Filler location		Left rear fender	Behind license plate (a)		
Fuel Pump	Type (elec. or mech.)		Mechanical			
	Locations		Right center		Right front	
	Pressure range		4 - 5.5 psi	6-7.5 psi	4 - 5.5 psi	
Vacuum booster (std., optional, none)			None			
Fuel Filter	Type		In fuel tank - plastic, in fuel line - paper			
	Locations		In fuel tank and in fuel line between fuel pump and carb.			
Carburetor	Choke type		Automatic, separate			
	Intake manifold heat control (exhaust or water)		Exhaust			
	Air clnr. type	Standard	Paper element			
		Optional	--			

(a) Station Wagons: Top of left rear fender.

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage		Engine Displ.	Transmission	Carburetors Make	Carburetors Model	No. Used and Type	Barrel Size
DART		Std. 170	Manual	Ball and Ball	BBS-3462 S	1, 1-bbl	1-9/16
				Holley	R-2533 A		
			Automatic	Ball and Ball	BBS-3463 S		1-11/16
				Holley	R-2534 A		
		Opt. 225	Manual	Ball and Ball	BBS-3464 S		
				Holley	R-2535 A		
			Automatic	Ball and Ball	BBS-3465 S		
				Holley	R-2536 A		
DODGE SIX		Std. 225	Manual	Ball and Ball	BBS-3466 S	1, 1-bbl	1-11/16
				Holley	R-2537 A		
			Automatic	Ball and Ball	BBS-3468 S		
				Holley	R-2538 A		
				Stromberg	WA-3-219		
DODGE	330, 440, and Polara	Std. 318	Manual	Ball and Ball	BBD-3472 S	1, 2-bbl	1-7/16
				Stromberg	WW-3-222		
			Automatic	Ball and Ball	BBD-3473 S		
				Stromberg	WW-3-223		
		Opt. 383	All	Ball and Ball	BBD-3475 S		1-9/16
	Polara 500	Std. 383	All	Ball and Ball	BBD-3475 S		
	All	Opt. 383	All	Carter	AFB-3437S	1, 4-bbl	P: 1-7/16 S: 1-9/16

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MODEL

	TL1		TD1	TD2		
	Std.	Power Pak	Std.	Std.	Power Pak	High Performance

ENGINE—COOLING SYSTEM

Type system (pressure, pressure vented, atmospheric, other)			Pressure-Vent			
Radiator cap relief valve pressure			14; 16 with AC			
Circulation thermostat	Type (choke, bypass)		Choke, pellet			
	Starts to open at (°F)		177 to 182			
Water pump	Type (centrifugal, other)		Centrifugal			
	GPM @ 1000 pump rpm					
	Number of pumps		One			
	Drive (V-belt, other)		V-belt			
	Bearing type		Ball, permanently sealed			
By-pass recirculation type (internal, external)			External			Internal
Radiator core type (cellular, tube and fin, other)			Tube and spacer		Tube and spacer (a)	
Cooling system capacity	With heater (qt.)		12	13	21	17
	Without heater (qt.)		11	12	20	16
	Opt. equipment-specify (qt.)		None			
Water jackets full length of cylinder (yes, no)			No		Yes	No
Water all around cylinder (yes, no)			Yes			
Radiator hose	Lower	Number and type (molded, straight)	One, molded			
		Inside diameter	1.50			Radiator end . . . 1.50 Water pump end . 1.75
	Upper	Number and type (molded, straight)	One, molded			
		Inside diameter	1.50			
	By-pass	Number and type (molded, straight)	One, straight		One, molded	None
		Inside diameter	0.68		0.80	--
Fan	Number of blades & Spacing		Four, 76° - 104° (b)	(c)	Four, 76° - 104° (d)	
	Diameter		16; 17 w/AC	17; 18 w/AC	18	
	Ratio-fan to crankshaft rev.		1.07 : 1, w/AC 1.10: 1	1.07 : 1	.95 : 1	.95 : 1, w/AC 1.35 : 1
	Fan cutout type		None			
	Bearing type		See Water Pump			
*Drive belts (indicate belt used by letter)	Fan		See Page 9A			
	Generator		--			
	Water Pump		--			
	Power Steering		--			
	Air Conditioning		--			

(a) With Automatic Transmission a fin and tube radiator is used optionally.

(b) With Air Conditioning: Six, 54° - 50° - 76°.

(c) Four, 76° - 104°.

(d) With Air Conditioning: Seven, 60° - 45° - 59° - 47° - 54° - 50° - 45°.

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SUPPLEMENTARY INFORMATION

MODEL DRIVE BELTS

LEGEND - PULLEY LOCATIONS:

CS - Crankshaft Drive
FWP - Fan and Water Pump
A - Alternator
AC - Air Conditioner Compressor
PS - Power Steering Pump
I - Idler

APPLICATIONS

	DART				DODGE SIX			DODGE V-8					
	170 cu in.		225 cu in.		225 cu in.			318 cu in.		361 cu in.		383 cu in.	
	w/wo PS	AC w/wo PS	w/wo PS	AC w/wo PS	Std.	With PS	AC w/wo PS	w/wo PS	AC w/wo PS	w/wo PS	AC w/wo PS	w/wo PS	AC w/wo PS
CS-FWP-A	A	A	E	E	E	E	E	F	F	H		H	
CS-PS	B	C	B	C		B	C	G	G	I	I	L	L
CS-I-AC-FWP		D		D									
CS-I-AC							D		D				
CS-I-FWP											J		J
CS-AC-A											2 K		2 K

DIMENSIONS

	A	B	C	D	E	F	G	H	I	J	K	L
Angle of "V"	36°											
Nominal Length, SAE	55.00	36.50	38.38	53.00	57.38	48.50	38.75	46.25	43.00	34.25	66.35	41.00
Width	.38			.50	.38		.50	.38	.50	.38	.47	.50

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MODEL

See page 2 for engine usage

			170 cu.in.	225 cu.in.	318 cu.in.	383 cu.in.
ELECTRICAL—SUPPLY SYSTEM						
Battery	Make and Model		Various			
	Voltage Rtg. & Total Plates		12, 42	12, 54		12, 66
	SAE Designation & Amp Hr. Rtg		9HCO, 38	9HC3, 48		9HC3A, 59
	Location		Left front fender shield			
	Terminal grounded		Negative			
Alternator	Make		Chrysler			
	Model		2098835	2098830 (a)		2098840
	Type		Three-phase, full wave rectifier			
	Ratio—Gen. to Cr/s rev.		2.45 -1		2.18 -1	2.32 -1 (b)
	cut-in (hot)—engine rpm		Not applicable			
Regulator	Make		Chrysler			
	Model		2098300			
	Type		Voltage only			
	Cutout relay	Closing voltage @ generator rpm	--			
		Reverse current to open	--			
	Regulated	Voltage	13.7 - 14.3 @ 70 F			
		Current	--			
	Voltage test conditions	Temperature	75 F			
		Load	15-amp			
		Other	Run 15 min. at 1250 engine rpm with 15-amp load			
ELECTRICAL—STARTING SYSTEM						
Starting motor	Make		Chrysler			
	Model		2098500		1889200 (c)	•
	Rotation (drive end view)		Clockwise			
	Engine cranking speed		35 rpm			
	Test conditions		- 20 F with SAE 5W-20 engine oil			
	Lock test	Amps	340 - 420		400 - 450	
		Volts	4			
		Torque (lb. ft.)	NA			
	No load test	Amps	90			
		Volts	11			
		RPM (min.)	2950		1925 - 2400	
Motor control	Switch (solenoid, manual)		Solenoid			
	Starting procedure		With transmission in neutral (N), depress accelerator pedal one-third, turn ignition key beyond "ignition on" position.			

(Continued)

(a) Dart with 225 cu.in. engines uses alternator No. 2098835
(b) With air conditioning - 2.44 -1.
(c) With automatic transmission - 2095150.

AMA Specifications – Passenger Car

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MODEL

	TL1		TL1, TD1	TD2			
	170 cu.in.		225	318 cu.in.		383 cu.in.	
	Man.	Auto.	cu.in.	Man.	Auto.	2-bbl	4-bbl

ELECTRICAL—STARTING SYSTEM (cont.)

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

ELECTRICAL—IGNITION SYSTEM

Coil	Make		Autolite or Essex, with Chrysler ballast resistor					
	Model		200567 or 62-160-2					
	Amps	Engine stopped	3.0					
		Engine idling	1.9					
Distributor	Make		Chrysler					Autolite
	Model		2098665	2098675	2098670	2098680	2098685	2095836	IBS-4006G
	Cent'fgal adv. in crankshaft degrees @ engine rpm (nominal)	Start (rpm)	See page 11 A					
		Intermediate points deg. @ rpm	--					
		Max deg. @ rpm	--					
	Vacuum adv. in crankshaft degrees @ in. Hg. (nominal)	Start (in Hg)	See page 11 A					
		Intermediate points, deg @ in Hg	--					
		Max. deg. in. Hg.	--					
	Breaker gap (in.)		.017 - .023			.014 - .019		
	Cam angle (deg.)		40 - 45			28 - 33		(b)
	Breaker arm tension (oz.)		17 - 20					17 - 21.5
Timing	Crankshaft deg. @ rpm.		2.5 BTC @ 500			(c)	10 BTC @ 500	
	Mark location		Water pump housing			Chain case cover		
	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		Champion N-14 Y			Champion J-12 Y		Champion J-9 Y
	Thread (mm)		14-mm					
	Tightening torque (lb. ft.)		30 - 32					
	Gap		.035					
Cable	Conductor type		Resistor					
	Insulation type		Synthetic rubber with neoprene jacket					
	Spark plug protector		Hypalon					Silicone

ELECTRICAL—SUPPRESSION

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

(a) With manual transmission; pinion 9, gear 172.
(b) Dual: each set 27 - 32, both sets 34 - 40.
(c) 5 BTC @ 500.

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SUPPLEMENTARY INFORMATION

MODEL DISTRIBUTOR

CENTRIFUGAL ADVANCE - Crankshaft degrees at engine rpm

	IBS - 4006G	2095836	2098665	2098670
Start	0 @ 550 - 850	0 @ 500 - 900	0 @ 750 - 1050	0 @ 780 - 1120
Intermediate	0 - 6 @ 850 14 - 18 @ 1550	0 - 4 @ 900 5 - 9 @ 1400	0 - 5 @ 1050 16 - 20 @ 2020	0 - 4 @ 1120 12 - 16 @ 2160
Maximum	22 - 26 @ 4100	21 - 25 @ 4300	25 - 29 @ 4400	21 - 25 @ 5000

	2098675	2098680	2098685
Start	0 @ 650 - 950	0 @ 650 - 950	0 @ 660 - 1140
Intermediate	0 - 16 @ 950 14 - 18 @ 1220	0 - 4 @ 950 11 - 15 @ 1700	0 - 4 @ 1140 7 - 11 @ 2000
Maximum	25 - 29 @ 4400	17 - 21 @ 4000	15 - 19 @ 5200

VACUUM ADVANCE - Crankshaft degrees at inches of mercury

	IBS - 4006G	2095836	2098665	2098670
Start	0 @ 7.5 - 9.2	0 @ 4.5 - 8	0 @ 5 - 7.1	0 @ 4.9 - 7.1
Intermediate	9 - 15 @ 12	12 - 18 @ 12	6 - 12 @ 8.5	6 - 10 @ 10.5
Maximum	19 - 25 @ 16	23 - 29 @ 16.5	12 - 17 @ 10	21 - 25 @ 13

	2098675	2098680	2098685
Start	0 @ 5 - 7.1	0 @ 8 - 10	0 @ 8 - 10
Intermediate	6 - 12 @ 8.5	10 - 16 @ 13	10 - 16 @ 13
Maximum	12 - 17 @ 10	17 - 23 @ 15.5	17 - 23 @ 15.5

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MODEL TL1 | TD1, TD2

ELECTRICAL—INSTRUMENTS AND SWITCHES

Speedometer	Make	Stewart-Warner	King Seely
	Trip odometer (yes, no)	No	
Charge indicator—type		Ammeter	
Temperature indicator—type		Electric - Thermal	
Oil pressure indicator—type		Light	
Fuel indicator—type		Electric - Thermal	
Other		None	
Ignition switch	Identify positions in order and circuits controlled	Center position . . . . . Off. 1st position clockwise . . . . . Ignition and accessory circuits only. 2nd position clockwise . . . . . Starter and ignition circuits only. 1st position counterclockwise. . Accessory circuit only.	
	Provision for illumination	Stray	None
	Location	Right of steering column	
Main lighting switch	Identify positions and lamps controlled	Full in . . . . . Off 1st position out . . . . . Instruments, tail, parking, and license plate lamps Full out . . . . . Instruments, tail, head, and license plate lamps	
Other light switches	Locations and lamps controlled	INSTRUMENT LAMPS: Variable rheostat, concentric with head lamp switch. OIL PRESSURE SWITCH: Engine. DOME LAMP: Integral with head lamp switch. AUTOMATIC DOOR SWITCH: Both front doors. STOP LAMP SWITCH: Brake pedal. DIRECTIONAL SIGNAL SWITCH: Lever on steering column below steering wheel.	
Other switches	Locations and devices controlled	Defroster Control . . . . . Push button, right of steering column. Air Vent . . . . . Push button, right of steering column.	
		Windshield Wiper: One-speed, left of steering column; variable-speed optional. Heater Control: Two-speed by push buttons, right of steering column.	Windshield Wiper: One-speed, right of steering column; variable-speed optional. Heater Control: Rotary, 3-speed, right of steering column.
Windshield wiper	Make	General Industries or Autolite (motor only)	
	Type	Electric	
	Vacuum booster provision	None	
	Washer provision	Yes, Opt.	
Horn	Type	Sea Shell	
	Number used	Two	
	Amp draw (each)	Spartan Automotive: 6 - 8 amp; Autolite: 8 - 10 amp	

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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.

MODEL		TL1	TD1, TD2
Headlamps & arrangement		2 - 6012	Hi-beam 2 - 4001, Lo-beam 2 - 4002
Headlamp beam indicator		1 - 57	
Parking		2 - 1034 (A)	
Tail		2 - 1034 (B)	
Stop		Same as (B)	
Direction signal	Front	Same as (A)	
	Rear	Same as (B)	
	Indicator	1 - 57	
License plate		1 - 67	2 - 67
Instrument		3 - 57	5 - 57 (C)
Ignition lock		NA	
Back up		2 - 1073 *	
Dome		1 - 1004	
Clock		NA	Same as (C)
Radio		1 - 53X *	1 - 1892 or 1893 *
Glove compartment		1 - 1891 * (a)	1 - 1891 *
Trunk		1 - 1003 * (a)	
Underhood		1 - 1003 * (a)	1 - 1003 *
Trans. Push Buttons		1 - 53X *	Same as (C)
Parking Brake Indicator		1 - 57 *	
Map and Courtesy		1 - 90 * (b)	
Heater Push Buttons		NA	Same as (C)
Oil Pressure Indicator		1 - 57	

(a) Dealer installed only

(b) Standard on convertible coupe, dealer installed only on other models

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MAKE OF CAR DART-DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•)

MODEL	TL1		TD1			TD2		
	Exc. Sta Wag	Sta Wag	Exc. Sta. Wag. -L, -M	-H	Sta Wag All	Exc Sta. Wag. -L, -M	-H, -P	Sta. Wag. All

ELECTRICAL—FUSE & CIRCUIT BREAKER DATA

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

Headlamp	15 CB (A)
Headlamp beam indicator	Same as (A)
Parking lamp	AGC 15 (B)
Tail lamp	Same as (B)
Stop lamp	Same as (B)
Direction indicator	Same as (B)
License plate lamp	Same as (B)
Instrument lamps	AGC 2 (C)
Ignition lamp	AGC 15 (D)
Back up lamp	Same as windshield wiper
Dome lamp	Same as (B)
Clock	Same as (C)
Clock lamp	Same as (C)
Radio	AGC 7.5
Glove compartment lamp	AGC 20 (E)
Trunk Lamp	Same as (B)
Underhood Lamp	Same as (B)
Parking Brake Indicator	Same as (B)
Cigar Lighter	Same as (E)
Map and Courtesy	Same as (E)
Heater	AGC 20 (F)
Air Conditioning	Same as (F)
Oil Pressure Indicator	Same as (C)
Windshield Wiper	Single speed 5 CB, Variable speed 6 CB

ELECTRICAL—LOCATION OF OUTSIDE LAMPS

Height above ground to center of bulb	Tail	Lowest	27.1	28.6	23.1	23.2	21.1	22.8	22.9	21.1
		Highest	--							
	Stop		27.1	28.6	23.1	23.2	21.1	22.8	22.9	21.1
	Backup		27.6	19.8	22.5	23.3	13.3	22.2	23.0	13.3
	License, rear		19.0	15.0	25.5		13.6	25.2		13.6
	Directional	Front	12.9	13.8	13.0		13.7	12.9		13.6
		Rear	27.1	28.6	23.1	23.2	21.1	22.8	22.9	21.1
	Headlamp	Inside	--		24.0		24.8	23.9		24.7
		Outside*	26.3	27.4	27.7		28.5	27.6		28.4
Distance from C/L of car to center of bulb	Tail	Inside	--							
		Outside	28.5	27.5	24.3	24.9	30.4	24.3	24.9	30.4
	Stop		28.5	27.5	24.3	24.9	30.4	24.3	24.9	30.4
	Backup		19.0	27.0	8.4	11.5	7.9	8.4	11.5	7.9
	License, rear		On centerline				9.1	On centerline		9.1
	Directionc	Front	25.5		25.1					
		Rear	28.5	27.5	24.3	24.9	30.4	24.3	24.9	30.4
	Headlamp	Inside	--		20.5					
		Outside*	27.5		30.3					

* If single headlamps are used enter here.

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MODEL	TL1		TD1	TD2-L, M, H			TD2-P	
	170 cu in.	225 cu in.	225 cu in.	318 cu in.	383 cu in.		383 cu in.	
					2-bbl	4-bbl	2-bbl	4-bbl

DRIVE UNITS—CLUTCH (Manual Transmission)

Make & type		Borg and Beck or Auburn, dry plate		Borg and Beck, dry plate, semi-centrifugal			
Type pressure plate springs		Coil					
Effective plate pressure (lb.)		1158 (a)	1445 (b)	1640	2350		
No. of clutch driven discs		One					
Clutch facing	Material	Woven asbestos					
	Outside & inside dia.	9.12x6.12	9.25 x 6.0	10.0x6.75	10.5 x 6.5		
	Total eff. area (sq.in.)	71.9	77.8	85.5	106.8		
	Thickness	B & B .125, Auburn .114		.125			
	Engagement cushioning method	Flat wave springs					
Release bearing	Type & method of lubrication	Ball bearing, permanently lubricated					
Torsional damping	Methods; springs, friction material	Coil springs and friction washers					

DRIVE UNITS—TRANSMISSIONS

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

DRIVE UNITS—MANUAL TRANSMISSION

Number of forward speeds		Three			Std. - 3-Speed; Opt. - 4-Speed					
Transmission ratios	In first	See chart below								
	In second	"								
	In third	"								
	In fourth	"								
	In reverse	"								
Synchronous meshing, specify gears		"								
Shift lever location		Steering column								
Lubricant	Capacity (pt.)	5		4.5						
	Type recommended	Automatic Transmission Fluid, Type "A", Suffix "A" (c)								
	SAE viscosity number: Summer	(c)								
	SAE viscosity number: Winter	--								
	SAE viscosity number: Extreme cold	--								

		3-Speed					4-Speed	3-Speed	4-Speed
		TL1			TD1	TD2			
		170 cu in.		225 cu in.	225 cu in.	318 cu in.		383 cu in.	
		(d)	(e)			(d)	(e)			
Transmission ratios	In first	2.95	3.22	2.95		2.55	3.02	2.54	2.55	2.20
	In second	1.83	1.82	1.83		1.49	1.76	1.92	1.49	1.66
	In third	1.00						1.51	1.00	1.31
	In fourth	--						1.00	--	1.00
	In reverse	3.80	4.15	3.80		3.34	2.66	2.61	3.34	2.26
Synchronous meshing, specify gears		All forward speeds								

Effective plate pressures for Auburn clutch: (a) 1115, (b) 1375.

(c) Multipurpose Gear Lubricant SAE 90 or SAE 140 may be used in warm climates.

(d) Early-built cars. (e) Later-built cars.

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MODEL

TL1		TD1		TD2	
Exc. Sta Wag	Sta Wag	Exc. Sta Wag	Sta Wag	Exc. Sta Wag	Sta Wag

DRIVE UNITS—MANUAL TRANSMISSION WITH OVERDRIVE

For transmission data see manual transmission section

Overdrive	Type (planetary or other)			---
	Manual lockout (yes, no)			---
	Downshift acelerator control (yes, no)			---
	Minimum cut-in speed			---
	Gear ratio			---
	Lubricant	Capacity (pt.) (Overdrive only)		---
		Separate filler (yes, no)		---
		Type recommended		---
		SAE viscosity number	Summer	---
			Winter	---
			Ext. cold	---

DRIVE UNITS—AUTOMATIC TRANSMISSION

Trade name		TorqueFlite Six			TorqueFlite Eight
Type describe		Torque converter with automatically-operated planetary gear transmission			
Method of Selection (Lever, Push Button or other)		Push button			
Selector Pattern		Vertically, left of instrument cluster		Horizontally, lower left side of instrument cluster	
List gear ratios Selector Pattern and indicate which are used in each selector position		R Reverse . . . . . 2.20 N Neutral . . . . . --- D Drive . . . . . 2.45 - 1.45 - 1.00 2 Second . . . . . 2.45 - 1.45 1 First 1.45			
Max. upshift speeds—drive range		76	68	70	80
Max. kickdown speeds—drive range		68	60	62	74
Torque convertor	Number of elements	Three			
	Max. ratio at stall	2.20			
	Type of cooling (air, water)	Water			
Lubricant	Capacity—refill (pt.)	14			18
	Type recommended	Automatic Transmission Fluid, Type "A", Suffix "A"			
Special transmission features		Parking pawl, manually-operated lever			

DRIVE UNITS—PROPELLER SHAFT

Number used		One					
Type (exposed, torque tube)		Exposed					
Outer diameter x length* x wall thickness	Manual transmission	3.00 x 58.40 x .065	2.75 x 53.40 x .065 (a)	3.25 x 58.76 x .065	3.00 x 55.76 x .065	3.00 x 58.76 x .065	3.00 x 55.76 x .065
	Overdrive transmission	---					
	Automatic transmission	3.00 x 58.40 x .065	2.75 x 53.40 x .065	2.75 x 56.64 x .065	2.75 x 53.64 x .065	2.75 x 56.64 x .065	2.75 x 53.64 x .065

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

(Continued)

(a) 3.00 x 53.40 x .065 for 3.91 axle ratio.

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MODEL	TL1		TD1	TD2		
	170 cu.in.	225 cu.in.	225 cu.in.	318 cu.in.	383 cu.in. 2-bbl	383 cu.in. 4-bbl

DRIVE UNITS—PROPELLER SHAFT (cont.)

Intermediate bearing	Type (plain, anti-friction)		--
	Lubrication (fitting, prepack)		--
Universal joints	Make		Own
	Number used		Two
	Type (ball and trunnion, cross, other)		Front: Ball and trunnion Rear: Cross and roller
	Bearing	Type (plain, anti-friction)	Anti-friction
		Lubric. (fitting, prepack)	Prepack
Drive taken through (torque tube or arms, springs)			Rear springs
Torque taken through (torque tube or arms, springs)			Rear springs

DRIVE UNITS—REAR AXLE

Description (see instructions)			One-piece case		Std.: One-piece case Opt.: Sure-Grip; two-piece case		
Limited Slip differential, type			--		Torque bias		
Drive Pinion Offset			1.625		1.50		
No. of differential pinions			2		Std.: 2; Opt.: Sure-Grip, 4		
Gear ratios (Std. equip.)	Manual transmission		2.93 (a)	3.23	3.31 (b)	3.23	
	Overdrive transmission		--				
	Automatic transmission		3.23	2.93	2.93 (b)	2.76	3.23 (c)
Ring gear O.D. (std. ratio)			7.25		8.25 (d)	8.75	
Pinion adjustment (shim, other)			Solid shim (washer)				
Pinion bearing adj. (shim, other)			Solid shim (washer)		Shim pack		
Wheel bearing type			Ball bearing		Taper roller bearing		
Lubricant	Capacity (pt.)		2.0		4.0		
	Type recommended		Multipurpose gear lubricant, API service GL-4 (e)				
	SAE viscosity number	Summer	Above -10°F: SAE 90				
		Winter	Between -10°F and -30°F: SAE 80				
		Extreme cold	Below -30°F: SAE 75				

REAR AXLE RATIO TOOTH COMBINATIONS

(See page 3 for axle ratio usage)

Axle ratio		2.76	2.93	3.23	3.31	3.55	3.91
No. of teeth	Pinion	17	14	13	13	11	11
	Ring gear	47	41	42	43	39	43

(a) Performance ratio: 3.23.
(b) Station wagons: 3.23.
(c) TD2-P, 2-bbl: 2.76.
(d) Station wagons: 8.75.
(e) MoPar hypoid lubricant used with Sure-Grip differential.

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MODEL	TL1	TD1		TD2			
		Sd & HT	Sta Wag	Std. Exc Wag	Std. Sta Wag	Opt. 383, 2-bbl	Opt. 383, 4-bbl

DRIVE UNITS—WHEELS

Type & material		Disc, steel						
Rim (size and flange type)	Std.	4.5 J	5.0 K	5.5 K	5.0 K	5.5 K		
	Opt.	--	5.5 K	--	5.5 K	--	5.5 K	
Attachment	Type (bolt or stud)	Stud						
	Circle diameter	4	4.5					
	Number and size	Five, (a)	Five, 1/2 - 20 NF					

DRIVE UNITS—TIRES

Standard (List option below)	Size & ply	6.50x13, 2	7.00x14, 2	7.00x14, 4	7.00x14, 2	7.00x14, 4	7.00 x 14, 2 •
	Type - Nylon, etc.	Rayon					
Rev/mile at 50 mph.		847	803				
Inflation press.(cold)	Front	24					
	Rear	24	22	26 (b)	22	26 (b)	22
Optional tires - size and ply		--	7.50 x 14, 4				

BRAKES—SERVICE

Type (duo-servo, disc, balanced, etc.)		Duo-servo					
Self adjusting (std., opt., N.A.)		Opt. (c)(h)	Std. •				
Hydraulic system type (single, dual, etc.)		Single					
Power brake make & type (remote, integral, etc.)		(c)	Integral, pedal-assist, vacuum operated •				
Effective area (sq. in.)*		153.5	195.2				195.2 (e)
Gross lining area (sq. in.)**		153.5	195.2				195.2 (e)
Swept drum area (sq. in.)***		254.5	314.2				314.2 (e)
Percent brake effectiveness—front		60					
Drum	Diameter Front	9	10				10 (d)
	Diameter Rear	9	10				10 (d)
	Type and material	Cast iron, centrifuse or cast composite					
Wheel cylinder bore	Front	1.00	1.125 •				
	Rear	.8125	.9375 •				
Master cylinder bore		1.00					
Available pedal travel		6.2 (f)	Std. brakes 7.1; Power brakes 4.8				
Line pressure at 100 lb. pedal load		930 (g)	Std. brakes 860; Power brakes 1100 •				
Shoe clearance adjustment		No major adjustment required					

* Excludes rivet holes, grooves, chamfers, etc.
** Includes rivet holes, grooves, chamfers, etc.
*** Total swept areas for four brakes:
Widest lining contact width for each brake x its drum circumference.

(Continued)

(a) 7/16 - 20 NF. (b) 28 lb when fully loaded. (c) Dealer installed. (d) Opt.: 11-inch.
(e) With opt. brakes, effective and gross lining areas are 234.1 sq in.; swept drum area is 380.1 sq in.
(f) 4.6 with power brakes. (g) 1100 with power brakes. (h) Standard for later cars.

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MODEL

				TL1	TD1		TD2			
					Sd & HT	Sta Wag	Standard		Optional	
							Exc Wag	Sta Wag	383, 2-bbl	383, 4-bbl

BRAKES—SERVICE (cont.)

Brake lining	Bonded or riveted			Bonded			
	Front Shoe	Material		Molded asbestos			
		Size (length x width x thickness)	Front wheel	7.66 x 2.25 x .19	8.46 x 2.5 x .19		8.46 x 2.5 x .19 (a)
			Rear wheel	7.66 x 2.0 x .19	8.46 x 2.5 x .19		8.46 x 2.5 x .19 (b) •
		Segments per shoe		One			
	Rear Shoe	Material		Molded asbestos			
		Size (length x width x thickness)	Front wheel	9.82 x 2.25 x .19	11.06 x 2.5 x .19		11.06 x 2.5 x .19 (e) •
			Rear wheel	9.82 x 2.0 x .19	11.06 x 2.5 x .19		11.06 x 2.5 x .19 (d) •
		Segments per shoe		One			

BRAKES—PARKING

Type of control		(c)	Foot-operated pedal, hand-release lever
Location of control		(f)	Through left end of instrument panel •
Operates on			Rear wheels
If separate from service brakes	Type (internal or external)		--
	Drum diameter		--
	Lining size (length x width x thickness)		--

FRAME or UNITIZED CONSTRUCTION

Type and description

Unit construction

SUSPENSION—GENERAL (See Supplemental page 19 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	Own
	Piston dia.	1.0
Other special features		--

SUSPENSION—FRONT

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

* Air Suspension: Air spring type, Compressor data type, make, drive ratio; Normal operating pressures, spring rates, leveling data

(Continued)

(a) With optional brakes: 9.31 x 3.0 .21 .
(d) With optional brakes: 11.97 x 2.5 x .21 .
(c) T-handle . (b) With optional brakes: 9.31 x 2.5 x .21
(e) With optional brakes: 11.97 x 3.0 x .21
(f) Under left end of instrument panel.

Form Rev. 3-62

AMA Specifications – Passenger Cars

MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•)

MODEL

	TL1		TD1		TD2	
	Exc. st. wg.	st. wg.	Exc. st. wg.	st. wg.	Exc. st. wg.	st. wg.

SUSPENSION FRONT (cont.)

Spring	Type	Torsion bar					
	Material	Chromium alloy steel					
	Size (coil design height & I.D.; bar length x dia.	35.8" x 0.83"		41.0"x0.86"		41.0" x 0.88"	
	Spring rate (lb. per in.)	NA					
	Rate at wheel (lb. per in.) (a)	90				100	
	Design load (lb. @ design height)	NA					
Stabilizer	Type (link, linkless, frameless)	None					
	Material & bar diameter	--					

STEERING

Mechanical (std., opt., NA)				Std.				
Power (std., opt., NA)				Opt.				
Wheel diameter				16.0 x 16.4 oval		16.0 x 17.0 oval		
Turning diameter ft.	Outside front	Wall to wall (l. & r.)		41.7	40.3	44.9	43.5	44.9	43.5
		Curb to curb (l. & r.)		38.7	37.3	41.7	40.8	41.7	40.8
	Inside rear	Wall to wall (l. & r.)		22.7	21.6	24.7	24.1	24.7	24.1
		Curb to curb (l. & r.)		23.3	22.2	25.4	24.7	25.4	24.7
Outside wheel angle with inside wheel at 20°				17.6°		18.0°			
Mechanical	Gear	Type		Worm and ball nut					
		Make		Own					
		Ratios	Gear	24.0 to 1					
			Overall	28.7 to 1					
	No. wheel turns			5.3					
Power	Type (coxial, linkage, etc.)			Integral					
	Make			Own					
	Trade name			Constant-Control					
	Gear	Type		Rack and sector					
		Ratios	Gear	15.7 to 1					
			Overall	18.8 to 1					
	Pump driven by			Belt from crankshaft pulley					
	Number wheel turns			3.5					
Linkage	Type			Trailing, parallel idlerarms with 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					

(a) Includes tires

(Continued)

MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•)

MODEL	TL1		TD1		TD2	
	Exc.st.wg.	st.wg.	Exc.st.wg.	st.wg.	Exc.st.wg.	st.wg.

STEERING (cont)

Steering Axis	Inclination at camber (deg.)		7.5° @ 0° Camber				
	Bearings (type)	Upper	Ball joint				
		Lower	Ball joint				
		Thrust	Oil impregnated sintered metal				
Wheel alignment (range and preferred)	Caster (deg.)		Manual Steering: -0.5° ± 0.5° Power Steering: +0.75° ± 0.5° (a)				
	Camber (deg.)		Left: +0.5° ± 0.25° preferred +0.5° Right: +0.25° ± 0.25° preferred +0.25°				
	Toe-in (outside tread-inches)		3/32" to 5/32", 1/8" preferred				
Steering spindle & joint type			Ball socket				
Wheel spindle	Diameter	Inner bearing	1.062		1.249		
		Outer bearing	0.687		0.749		
	Thread size		11/16 - 24 NEF		3/4 - 16 UNF		
	Bearing type		Tapered roller				

SUSPENSION—REAR

Type and description			Parallel, longitudinal leaf					
Drive and torq. taken through (see page 17)			Rear springs					
Spring	Type		Semi-elliptical, asymmetric					
	Material		Steel					
	Size (length x width, coil design height and I.D.; bar length & dia.)		55" x 2.5"					
	Spring rate (lb. per in.)		85	110	90	115	90	115
	Rate at wheel (lb. per in.)		105 (b)	120 (b)	110 (b)	140 (b)	110 (b)	140 (b)
	Design load (lb. at design height)		(c)					
	Mounting insulation type		Rubber					
	If leaf	No. of leaves	4 (d)	5	5	6	5 (e)	6
		Inserts No. & size	4, 3.50"	5, 3.50"	5, 3.50"	7, 3.50"	5, 3.50"	7, 3.50"
		Inserts Material	Plastic		Wax-impregnated fabric (f)			
		Shackle (comp. or tens.)	Compression					
Stabilizer	Type (link, linkless, frameless)		None					
	Material		--					
Track bar type			None					

(a) Maximum differential 0.75°; driver's side less positive

(b) Includes tires

(c) Design load, lb. @ - 38"

Left	560	760	590*	880	620**	920
Right	530	720	590*	840	620**	880

* Two-door models; 620 for four-door models

** 650 for 27 and 43; also for 21, 23, 41 with 361 or 383 cu.in. engine; 720 with 413 cu.in. engine

(d) 5 with 225 cu.in. engine

(e) 6 with 361 or 383 cu.in.engine; 7 with 413 cu.in. engine

(f) For 7-leaf springs: plastic front, wax-impregnated fabric rear

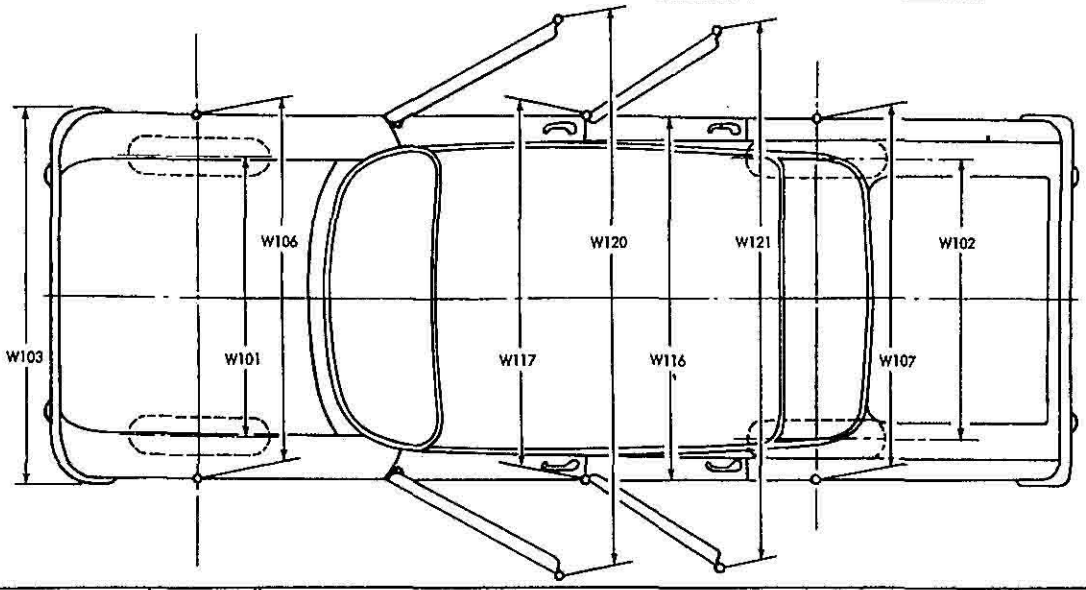
MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•)

CAR AND BODY DIMENSIONS—GENERAL

NOTE: Included in the dimension definitions listed on pages 34-36 are those which have been adopted by SAE. These are indicated by a number following the type of dimension, e.g., L3. Additional dimensions have been added by the AMA Specifications Review Committee. These are shown by an additional letter, e.g., H67a. The symbol "a" has been added as a suffix to denote a dimension adopted by the AMA and submitted to the SAE for approval. The dimensions are developed from the following basic points:

1. Body dimensions are for all body styles.
2. All interior dimensions are taken with manikin 15.0 inches outboard of car centerline unless otherwise stated.
3. All interior dimensions are measured with the front seat in the lowest and rearmost position.
4. Unless otherwise specified, all exterior height dimensions are taken with a full design load which consists of 5 passengers, 300 lbs. front, 450 lbs. rear; includes spare wheel, tire and tools, and full complement of gas, oil, water and tires to recommended pressure, etc.
5. The SAE manikin with 90th percentile leg length will be used for recording purposes.
6. The H Point is the pivot center of the manikin's torso and thigh.
7. The Torso Line is a line parallel to the small of manikin's back and extending through the H Point.

EXTERIOR WIDTH DIMENSIONS



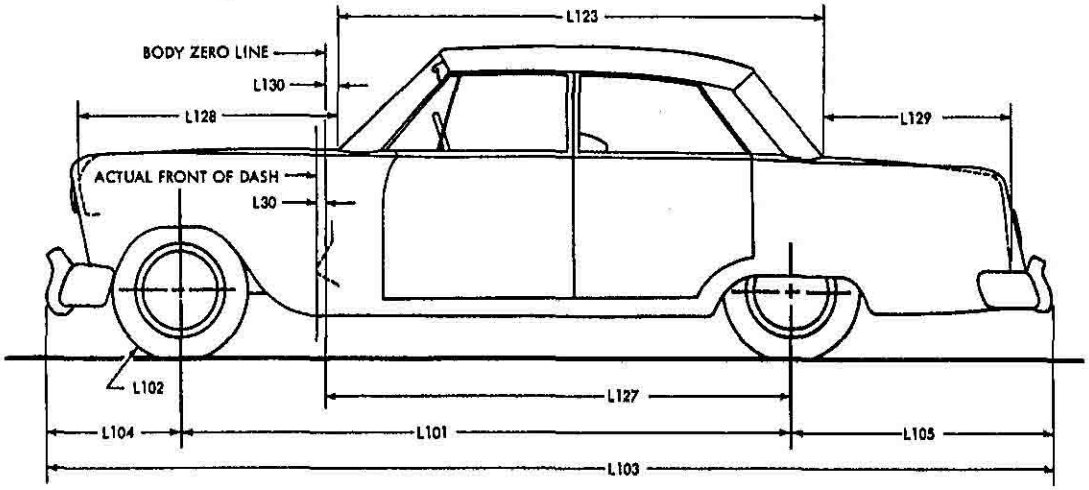
MODEL	Ref. No.	TL1			TD1, TD2		
		2DSd, 2DHT, Cv Cpe	4 D Sd	Sta Wag	2DSd, 2DHT, Cv Cpe	4 Dr Sd 4 Dr HT	Sta Wag
Tread - front	W101	55.9			59.5		
Tread - rear	W102	55.6			57.5		
Maximum overall car width	W103	69.8 at rear fender		68.8 (a)	76.5 at front bumper		
Maximum overall body width	W116	67.7		68.8	74.6		
Maximum body width at #2 pillar	W117	67.9			73.2		
Front fender overall width	W106	69.0			74.7		
Rear fender overall width	W107	69.8		68.8	74.6		
Maximum overall car width - front doors open	W120a	150.5	139.2		159.2	142.2	
Maximum overall car width - rear doors open	W121a	--	127.5		--	139.5	

(a) Over rear bumper.

AMA Specifications – Passenger Car

MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED(•) 1-31-63

EXTERIOR LENGTH DIMENSIONS



MODEL	Ref. No.	TL1		TD1, TD2	
		Exc. Sta Wag	Sta Wag	Exc. Sta Wag	Sta Wag
Body zero line to actual front of dash	L30	1.54		2.0	
Wheelbase	L101	111.0	106.0	119.0	116.0
Overhang – front	L104	34.4		35.2	
Overhang – rear	L105	50.5	49.8	53.9	59.5
Overall length	L103	196.3	190.2	208.1	210.7 •
Hood length at car centerline	L128a	48.2		50.1	
Body upper structure length at car centerline	L123	96.5	121.5	99.2	
Deck length at car centerline	L129a	38.1	---	40.7	---
Body zero line to centerline of rear wheels	L127	99.2	94.2	102.5	99.5
Body zero line to windshield cowl point	L130a	11.2		10.2	
Tire size	L102	6.50 x 13, 2-ply		7.00 x 14, 2-ply	7.00 x 14, 4-ply

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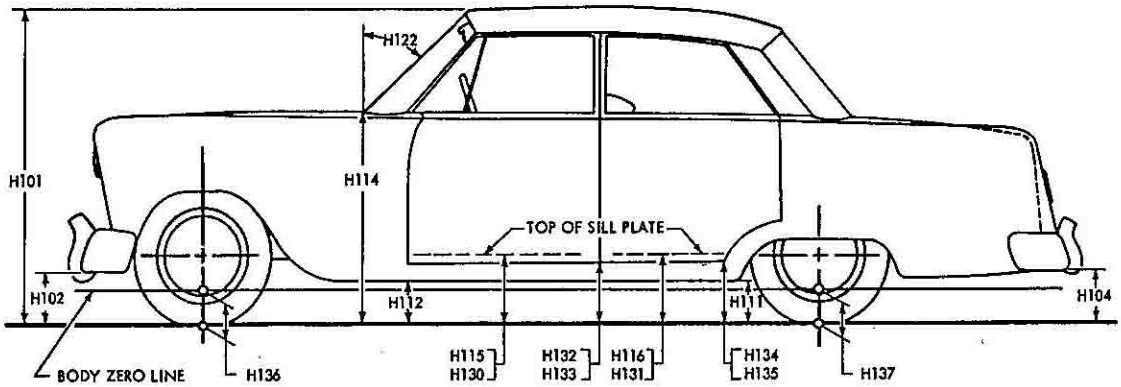
EXTERIOR HEIGHT DIMENSIONS

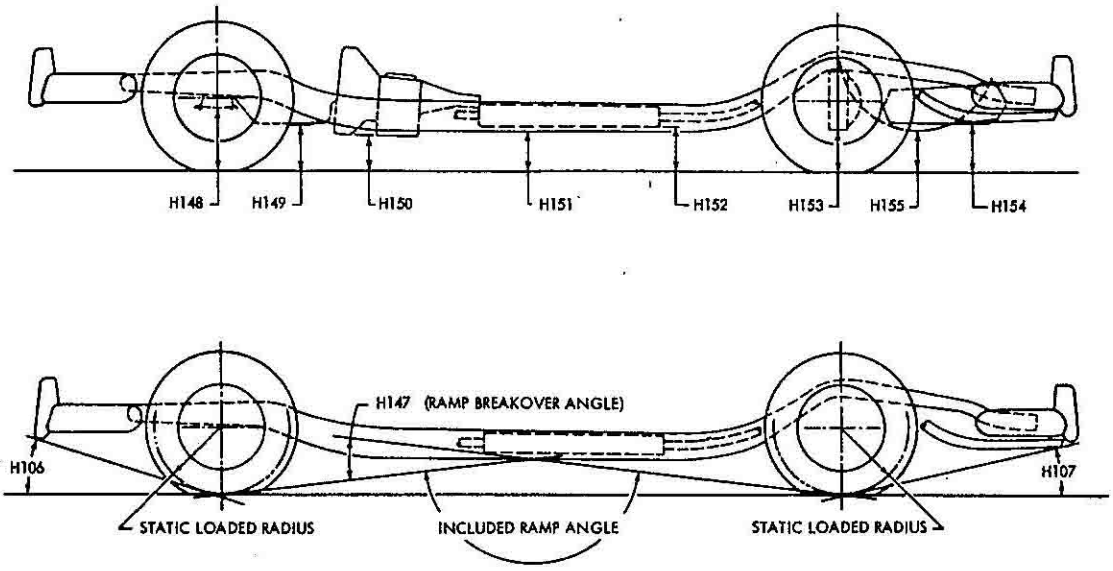


MODEL	Ref. No.	TL1			TD1		TD2		
		Sd & HT	Cv Cpe	St Wag	Sd & HT	St Wag	Sd & HT	Cv Cpe	St Wag
Overall height	H101	54.0	54.5	53.1	54.1	54.0	53.9	54.3	54.0
Hood at rear to ground	H114	36.8		37.0	37.7	38.0	37.5		37.9
Rocker panel to ground – front	H112a	7.5			8.2	8.4	8.0		8.3
Rocker panel to ground – rear	H111	7.8		6.4	7.7	7.2	7.5		7.2
Step height – front (design load)	H115	12.6			12.5	12.6	12.3		12.6
Step height – rear (design load)	H116	12.9		11.5	12.3	12.0	12.1		12.0
Step height – front (curb load)	H130	14.3		14.5	14.3	14.5	14.1		14.5
Step height – rear (curb load)	H131	14.6		15.0	14.4	14.7	14.2		14.6
Bottom of door to ground, open – front	H132	NA							
Bottom of door to ground, closed – front	H133	12.2		11.4	11.8	11.6	11.5 (a)		11.6
Bottom of door to ground, open – rear	H134	NA							
Bottom of door to ground, closed – rear	H135	12.2		11.3	11.6	11.2	11.4		11.1
Front bumper to ground	H102	15.1		16.2	12.6	13.7	12.7		13.6
Rear bumper to ground	H104	16.3		12.4	13.8	9.5	13.8		9.6
Windshield slope angle	H122	53°			57.2°				
Body zero to ground – front	H136a	11.60		12.08	12.52	12.97	13.51		12.97
Body zero to ground – rear	H137a	12.02		10.41	11.73	11.13	11.49		11.13

(a) 4-Door Sedan and 4-Door Hardtop - 11.6.

MAKE OF CAR DART-DODGE MODEL YEAR 1963 DATE ISSUED 8-7-62 REVISED(•)

GROUND CLEARANCE DIMENSIONS



MODEL	Ref. No.	TL1		TD1		TD2	
		Exc Sta Wag	Sta. Wag.	Exc Sta Wag	Sta. Wag.	Exc Sta Wag	Sta. Wag.
Angle of approach	H106	22.2° (a)	24.5° (a)	21.3° (a)	22.9° (a)	21.0° (a)	22.6° (a)
Angle of departure	H107	14.4° (a)	9.9° (a)	13.6° (a)	10.0° (b)	13.3° (a)	10.0° (b)
Ramp breakover angle	H147	12.8°	12.2°	11.7°		11.3°	11.7°
Front suspension to ground	H148	5.8	6.5	6.5	7.0	6.3	6.9
Oil pan to ground	H149	5.9 (c)	6.3 (d)	6.2	6.6	6.1	6.6
Flywheel housing to ground	H150	5.9	6.2	6.7 (e)	7.0 (f)	6.0 (g)	6.4 (h)
Frame structure to ground	H151	5.7	5.6	6.3	6.4	6.1	6.3
Exhaust system to ground	H152	5.7	5.5	5.3	4.8	5.1	4.8
Rear axle differential to ground	H153	6.8	6.5	6.9	6.7		
Fuel tank to ground	H154	7.5	5.6	7.2	10.8	7.0	10.8
Spare tire well to ground	H155	11.9	9.7	15.0	6.8	14.7	6.8
Minimum running ground clearance	H156	5.7 (i)	5.5 (i)	5.3 (j)	4.8 (j)	5.1 (j)	4.8 (j)

(a) At sheet metal.
(b) At bumper.
(c) 5.6 with 225 cu in. engine.
(d) 6.0 with 225 cu in. engine.
(e) 6.6 with auto. trans.
(f) 6.9 with auto. trans.
(g) 6.1 with auto. trans.
(h) 6.5 with auto. trans.
(i) At exhaust pipe.
(j) At muffler.

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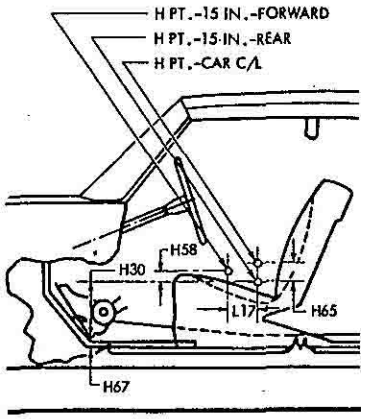
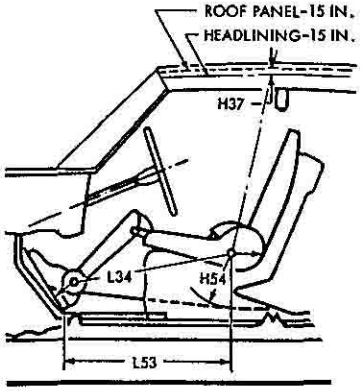
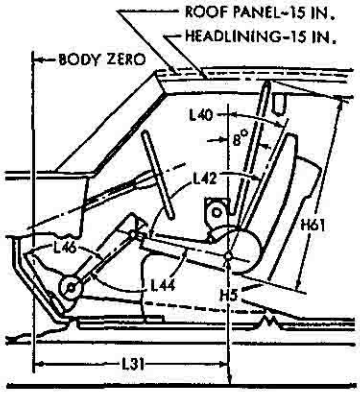
AMA Specifications—Passenger Car

MAKE OF CAR DART - DODGE **MODEL YEAR** 1963 **DATE ISSUED** 8-1-62 **REVISED** (•)

FRONT COMPARTMENT DIMENSIONS





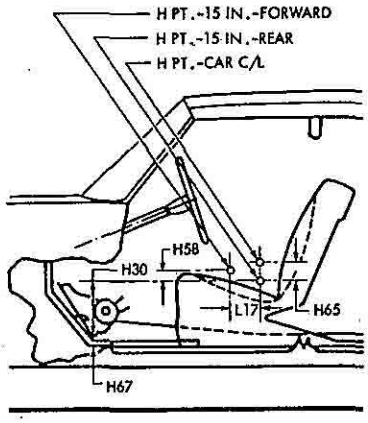


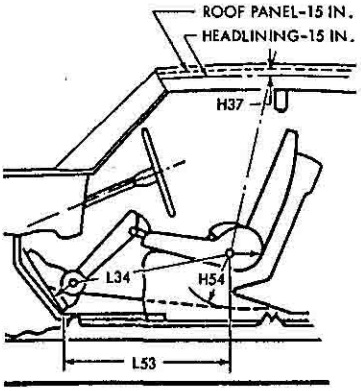
MODEL	Ref. No.	Dart				
		170 & 270		270	GT	
		Sedans	Sta. Wag.	Conv. Cpe.	2D HT	Conv. Cpe.
H Point to body zero line	L31a	42.8			43.8	
H Point to ground	H5a	19.0	18.4	19.0	18.8	
Effective head room	H61a	38.0	38.3	39.6	38.2	39.9
Headlining to roof height	H37	0.8	0.5	0	0.8	0
Maximum effective leg room – accelerator	L34a	40.0			40.9	
H Point to heel point	H30a	8.7			8.4	
Depressed floor covering thickness	H67a	.38				
Back angle	L40a	24°			22°	
Hip angle	L42a	90°			94°	
Knee angle	L44a	116°			126°	
Foot angle	L46a	76°			82°	
H Point differential, side to center	H65a					
H Point to tunnel	H54a	5.2			5.1	
H Point to accelerator floor point	L53a	32.5			33.5	
H Point travel	L17a	4.5				
H Point rise	H58a	1.2			0.7	

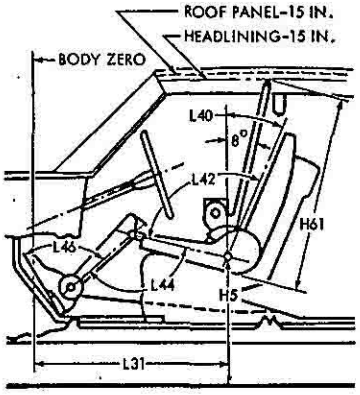
AMA Specifications–Passenger Car

MAKE OF CAR DART - DODGE **MODEL YEAR** 1963 **DATE ISSUED** 8-1-62 **REVISED** (•)

FRONT COMPARTMENT DIMENSIONS



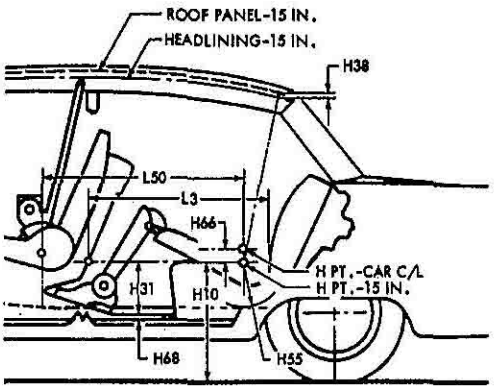


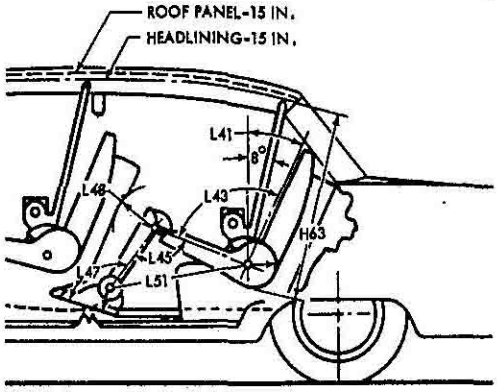


MODEL	Ref. No.	TD1		TD2				
		Sd. & HT	Sta. Wag.	330, 440, Polara Sd. & HT	330, 440, Polara Sta. Wag.	Polara Conv. Cpe	Polara 500 2D HT	Polara 500 Conv. Cpe.
H Point to body zero line	L31a	44.5					44.7	
H Point to ground	H5a	19.1	19.0	18.9	19.0	18.9	19.2	
Effective head room	H61a	38.1	38.4	38.1	38.4	39.9	37.9	39.7
Headlining to roof height	H37	0.8	0.5	0.8	0.5	0	0.8	0
Maximum effective leg room – accelerator	L34a	41.9						
H Point to heel point	H30a	8.1					8.4	
Depressed floor covering thickness	H67a	.38						
Back angle	L40a	25°					24°	
Hip angle	L42a	96°					95°	
Knee angle	L44a	128°					130°	
Foot angle	L46a	90°						
H Point differential, side to center	H65a							
H Point to tunnel	H54a	5.4					5.7	
H Point to accelerator floor point	L53a	34.2					34.4	
H Point travel	L17a	4.5						
H Point rise	H58a	1.2					0.7	

MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED(•)

REAR COMPARTMENT DIMENSIONS



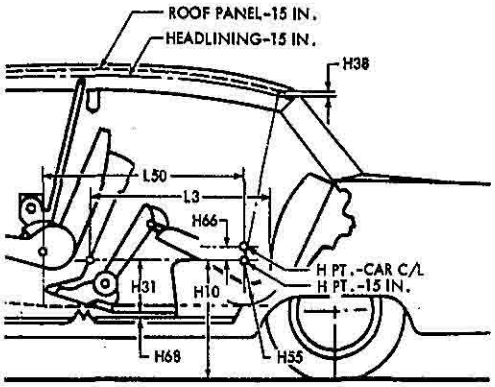


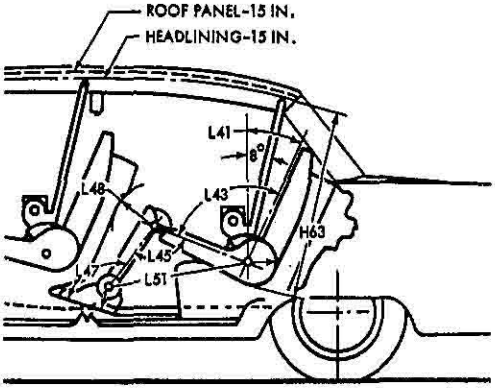
MODEL	Ref. No.	Dart				
		170 & 270		270	GT	
		Sedans	Sta. Wag.	Conv. Cpe.	2D HT	Conv. Cpe.
H Point couple distance	L50a	34.2	32.7		33.2	31.7
H Point to ground	H10a	19.7	18.5	19.7		
Effective head room	H63a	37.2	37.9	37.8	37.2	37.8
Headlining to roof height	H38	0.8	0.5	0	0.8	0
Minimum effective leg room	L51a	37.1	35.5		36.3	34.8
H Point to heel point	H31a	11.6				
Depressed floor covering thickness	H68a	.38				
Minimum knee room	L48a	5.5	4.2		4.5	3.2
Rear compartment room	L3	28.9	27.6	27.9	27.9	26.9
Back angle	L41a	24°				
Hip angle	L43a	89°	86°		88°	86°
Knee angle	L45a	100°	92°		93°	87°
Foot angle	L47a	118°	113°		117°	113°
H Point differential, side to center	H66a					
H Point to tunnel	H55a	5.5				

AMA Specifications – Passenger Car

MAKE OF CAR DART - DODGE **MODEL YEAR** 1963 **DATE ISSUED** 8-1-62 **REVISED(•)** 1-31-63

REAR COMPARTMENT DIMENSIONS



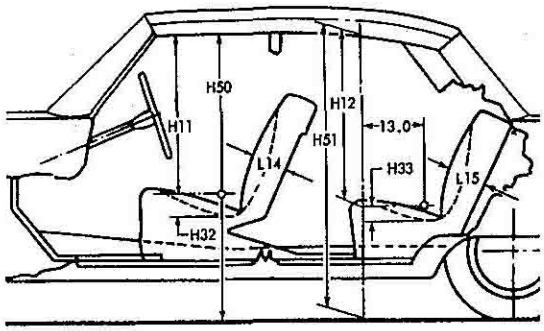


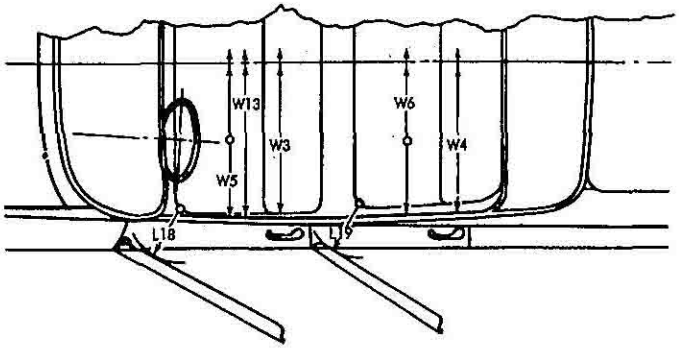
MODEL	Ref. No.	TD1		TD2				
		Sd. & HT	Sta. Wag.	330, 440, Polara Sd. & HT	330, 440, Polara Sta. Wag.	Polara Conv. Cpe.	Polara 500 2D HT	Polara 500 Conv. Cpe.
H Point couple distance	L50a	35.5	34.0	35.5	34.0	32.8	35.3	32.6
H Point to ground	H10a	19.1	18.7	18.9	18.6		18.9	
Effective head room	H63a	37.5	38.5	37.5	38.5	37.6	37.5	37.6
Headlining to roof height	H38	0.8	0.5	0.8	0.5	--	0.8	--
Minimum effective leg room	L51a	37.9	36.4	37.9	36.4	35.2	38.5	35.7
H Point to heel point	H31a	11.0						
Depressed floor covering thickness	H68a	.38						
Minimum knee room	L48a	5.9	4.5	5.9	4.5	3.4	5.0	2.4
Rear compartment room	L3	28.9	27.9	28.9	27.9	27.3	28.9	27.3
Back angle	L41a	26°	24°	26°	24°	25°	26°	25°
Hip angle	L43a	92°	89°	92°	89°	87°	95°	90°
Knee angle	L45a	105°	97°	105°	97°	91°	110°	98°
Foot angle	L47a	128°	121°	128°	121°	118°	125°	117°
H Point differential, side to center	H66a							
H Point to tunnel	H55a	5.2				5.3	5.2	5.3

AMA Specifications – Passenger Car

MAKE OF CAR DART MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED(•) 1-31-63

SEAT AND ENTRANCE DIMENSIONS



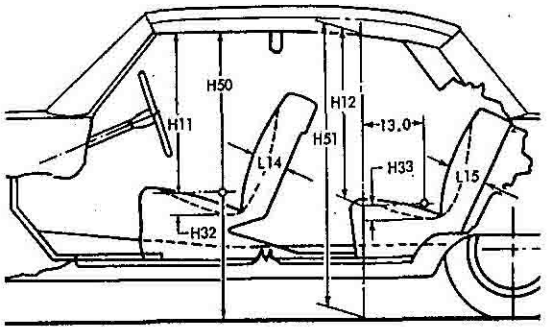


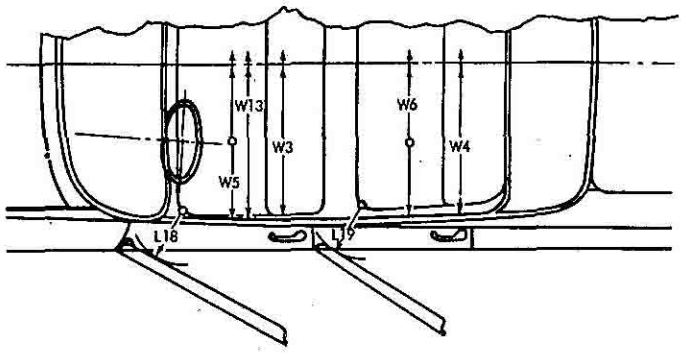
MODEL	Ref. No.	DART				
		170 & 270		270	GT	
		Sedans	Sta. Wag.	Conv. Cpe	2-Dr. HT	Conv. Cpe
Shoulder room – front	W3a	54.2				
Hip room – front	W5a	56.9				
Seat width – front	W16a	52.0			Bucket Seats 23.6	
Upper body opening to ground – front	H50a	49.4	48.8	--	49.5	--
Entrance height – front	H11a	30.5		--	30.5	--
Entrance foot clearance – front	L18	13.9				•
Seat cushion deflection – front	H32a	4.0			3.4	
Seat back thickness – front	L14	5.5			5.6	
Shoulder room – rear	W4a	54.4				
Hip room – rear	W6a	57.0		46.4	57.0	46.4
Upper body opening to ground – rear	H51a	49.4	48.5	--		
Entrance height – rear	H12a	27.4	27.5	--		
Entrance foot clearance – rear	L19	11.8		--		•
Seat cushion deflection – rear	H33a	4.2	4.3			
Seat back thickness – rear	L15	6.5	5.0	5.6	6.5	5.6

AMA Specifications – Passenger Car

MAKE OF CAR DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED(•) 1-31-63

SEAT AND ENTRANCE DIMENSIONS



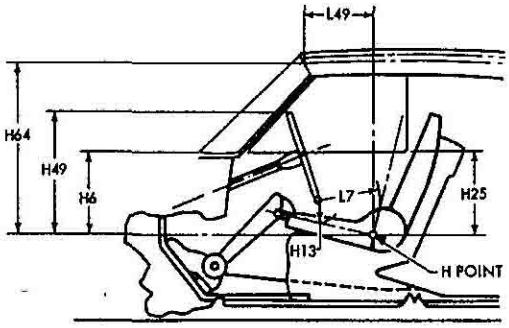


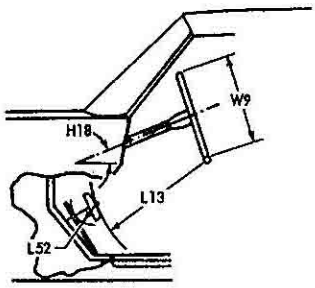
MODEL	Ref. No.	TD1		TD2				
		Sd & HT	Sta Wag	330, 440, Polara Sd & HT	330, 440, Polara Sta Wag	Polara Conv Cpe	Polara 500 2-Dr HT	Polara 500 Conv Cpe
Shoulder room - front	W3a	57.5						
Hip room - front	W5a	60.8						
Seat width - front	W16a	55.0					Bucket Seats 23.6	
Upper body opening to ground - front	H50a	49.5 (a)	49.5	49.4 (b)	49.5	--	49.3	--
Entrance height - front	H11a	Sd 30.5 HT 30.4	30.5	SD 30.5 HT 30.4	30.5	--	30.1	--
Entrance foot clearance - front	L18	16.3						•
Seat cushion deflection - front	H32a	3.9					3.4	
Seat back thickness - front	L14	6.5					5.6	
Shoulder room - rear	W4a	57.6				47.9	57.6	47.9
Hip room - rear	W6a	61.0				50.0	61.0	•
Upper body opening to ground - rear	H51a	49.4	48.5	49.2	48.8	--		
Entrance height - rear	H12a	Sd 28.3 HT 28.2	28.3	Sd 28.3 HT 28.2	28.3	--		
Entrance foot clearance - rear	L19	12.4				--		•
Seat cushion deflection - rear	H33a	4.3						
Seat back thickness - rear	L15	7.2	5.5	7.2	5.5	5.7	5.7	

(a) 2-Dr. HT - 49.4. (b) HT models - 49.3.

MAKE OF CAR DART-DODGE MODEL YEAR 1963 DATE ISSUED 8-9-62 REVISED(•)

VISION AND CONTROL DIMENSIONS





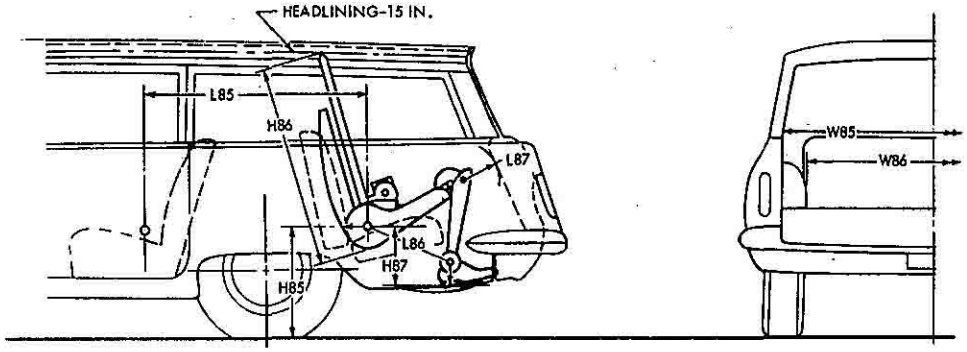
MODEL	Ref. No.	TL1	TD1, TD2
H Point to windshield bottom DLO	H6a	19.3	20.3
H Point to windshield upper DLO	H64a	31.1	31.7
H Point to windshield upper DLO	L49a	15.3	13.5
Belt height – front	H25a	16.8	17.0
Steering wheel center to centerline of car	W7	13.7	15.8
Steering wheel maximum outside diameter	W9	16.5	
Steering column angle – horizontal	H18	3.0°	
H Point to top of steering wheel	H49a	22.8	23.3
Steering wheel torso clearance	L7a	10.1	11.1
Steering wheel thigh clearance	H13a	3.1	3.9
Brake pedal knee clearance	L13	24.7	
Brake pedal to accelerator	L52a	2.5	3.6
Tumble-home	W122a	12.5°	14.0°

MAKE OF CAR DART-DODGE MODEL YEAR 1963 DATE ISSUED 8-6-62 REVISED(•) 1-31-63

LUGGAGE COMPARTMENT

MODEL	Ref. No.	TL1		TD1	TD2	
		Sd & HT	Cv Cpe	Sd & HT	Sd & HT	Cv Cpe
Usable luggage capacity (See instructions)		17.3		17.0		14.3 •
Liftover height*	H301a	22.9		27.6	27.3	
Position of spare tire storage		Hor., in floor well		Horizontal, right side of kick-up		
Method of holding lid open		Torsion bar				

THIRD SEAT DIMENSIONS

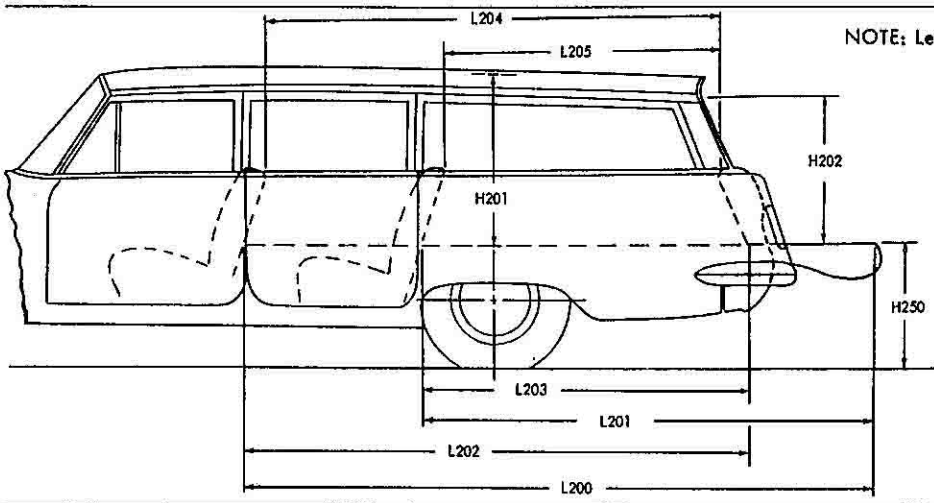


MODEL	Ref. No.	TD1, TD2 NA on TL1
Seat facing direction		Rear
Shoulder room	W85a	59.0
Hip room	W86a	45.2
H Point couple distance	L85a	36.9
H Point to ground	H85a	20.9
Effective head room	H86a	35.4
Effective leg room	L86a	32.5
H Point to heel point	H87a	13.2
Knee room	L87a	12.0
Back angle	L88a	28°
Hip angle	L89a	90°
Knee angle	L90a	79°
Foot angle	L91a	99°

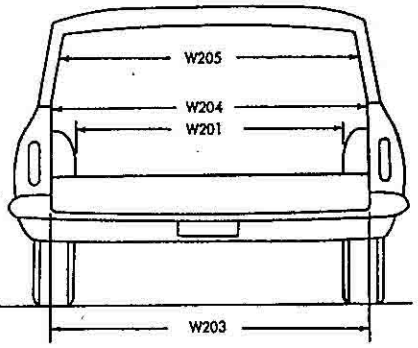
*Vertical dimension from luggage compartment lower opening to ground.

MAKE OF CAR DART - DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•) 1-31-63

STATION WAGON—CARGO SPACE DIMENSIONS



NOTE: Lengths and heights measured at car centerline.



MODEL	Ref. No.	TL1	TD1, TD2
Floor length from back of front seat at floor level to end of lowered tail gate or floor	L200	105.3	117.9
Floor length from back of second seat at floor level to end of lowered tail gate or floor	L201	74.9	83.2
Floor length from back of front seat at floor level to inside of closed tail gate	L202	83.8	94.3
Floor length from back of second seat at floor level to inside of closed tail gate	L203	51.8	56.6
Minimum horizontal distance from top rear of front seat back to inside of tail gate at belt	L204	71.4	81.6
Minimum horizontal distance from top rear of second seat back to inside of tail gate at belt	L205	38.6	45.7
Maximum width of cargo space at floor - specify location	W200a	52.6 (a)	59.4 (a)
Minimum distance between wheel houses at floor level	W201	43.5	45.0
Rear end opening width at floor	W203	44.3	49.0
Rear end opening width at belt	W204	43.3	45.7 •
Maximum width of rear opening above belt	W205	42.8	44.9
Maximum height - floor covering to headlining at centerline of rear axle	H201	30.4	30.9
Maximum height of rear opening - tail and lift gates open	H202	26.1	27.3
Platform height from ground to top of tail gate floor covering at rear most edge of tail gate - curb weight	H250	24.0	27.9
Rear end closure (e.g., one piece door, hinged left - sliding glass, drop tail gate)		Sliding glass, drop tail gate	
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$		68.9	84.0 •

(a) Immediately forward of wheelbase.

AMA Specifications – Passenger Car

MAKE OF CAR DART-DODGE MODEL YEAR 1963 DATE ISSUED 8-1-62 REVISED (•)

BODY—MISCELLANEOUS INFORMATION

		DART					DODGE					
MODEL		2D Sd	2D HT	Conv Cpe	4D Sd	Sta. Wag	2D Sd	2D HT	Conv Cpe	4D Sd	4D HT	Sta. Wag.
Drs. hinged (front, rear)	Front doors	Front										
	Rear doors	Front										
Type of finish (lacquer, enamel, other)		Synthetic enamel										
Hood hinge location (front, rear)		Rear										
Hood counterbalanced (yes, no)		Yes										
Hood release control (internal, external)		External										
Vehicle (Serial) No. Location		Left front door hinge post										
Engine No. Location		Not applicable										
Theft protection - type		Ignition key start, Ignition switch terminal block, Door locks										
Vent window control method (crank, friction pivot)	Front	Friction pivot										
	Rear	None										
Seat cushion type	Front	(a)	(c)	(a)(d)	(a)	(a)	(a)	(a)(e)	(a)(e)	(a)	(a)	(a)
	Rear	(a)	(a)	(b)	(a)	(a)	(a)	(a)	(b)(f)	(a)	(a)	(a)
Seat back type	Front	(a)	(c)	(a)(d)	(a)	(a)	(b)	(b)(c)	(b)(e)	(a)(g)	(b)	(a)
	Rear	(a)	(a)	(b)	(a)	(b)	(a)	(a)	(b)	(a)	(a)	(b)
Windshield type (single curved, compound curved, other)		Single, curved										
Rear window type (flat, curved, one piece, three piece)		1-piece, curved				1-pc Flat	1-piece, curved					
Side glass type (curved, flat)		Flat										
Side glass exposed surface area		1303	1368	1196	1223	2345	1206	1320	1146	1194	1224	2340
Windshield glass exposed surface area		995					1147					
Backlight glass exposed surface area		786		970	786	612	917		1140	917		691
Total glass exposed surface area		3084	3149	3161	3004	3952	3270	3384	3433	3258	3288	4178

(a) Formed wire. (b) Coil. (c) Zig zag. (d) GT, Zig zag.
(e) Polara 500, Zig zag. (f) Polara 500, formed wire. (g) Polara, coil.

MAKE OF CAR DART-DODGE 6 MODEL YEAR 1963 DATE ISSUED 8-6-62 REVISED (•) 1-31-63

MAJOR OPTIONAL ITEMS - WEIGHTS

DART:		CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
		Front	Rear	Total	Pass. In Front		Pass. In Rear		
					Front	Rear	Front	Rear	
Model 170, TL1-L									
2-Door Sedan	21	1475	1230	2705	52.1	47.9	20.1	79.9	2614
4-Door Sedan	41	1505	1235	2740	52.1	47.9	20.1	79.9	2634
Station Wagon, 6-Pass.	45	1445	1405	2850	50.5	49.5	19.8	80.2	2735
270, TL1-H									
2-Door Sedan	21	1475	1240	2715	52.1	47.9	20.1	79.9	2624
Convertible Coupe	27	1535	1295	2830	52.1	47.9	20.1	79.9	NA
4-Door Sedan	41	1505	1245	2750	52.1	47.9	20.1	79.9	2644
Station Wagon, 6-Pass.	45								2745
GT, TL1-P									
2-Door Hardtop	23	1505	1265	2770	49.8	50.2	20.1	79.9	2661
Convertible Coupe	27	1550	1310	2860	49.8	50.2	20.1	79.9	NA
DODGE 6									
330, TD1-L									
2-Door Sedan	21	1645	1520	3165	50.6	49.4	19.0	81.0	3029
4-Door Sedan	41	1675	1520	3195	50.6	49.4	19.0	81.0	3064
Station Wagon, 6-Pass.	45	1585	1875	3460	50.6	49.4	18.6	81.4	3293
Station Wagon, 9-Pass.	45								3358
440, TD1-M									
2-Door Sedan	21								3038
2-Door Hardtop	23								3053
4-Door Sedan	41	1675	1530	3205	50.6	49.4	18.6	81.4	3068
Polara, TD1-H									
2-Door Hardtop	23								3071
4-Door Sedan	41	1680	1555	3235	50.6	49.4	18.6	81.4	3096

Accessories & Equipment Differential Weights				Remarks
Automatic Transmission	+ 25	+ 5	+ 30	Dart only
Power Steering	+ 45	- 5	+ 40	Dart only
Radio	+ 5	0	+ 5	Dart only
Heater	+ 20	0	+ 20	Dart only
Undercoat	+ 25	+ 20	+ 45	Dart only
Power Pak	+ 30	0	+ 30	Dart only, 225 cu in. engine
Automatic Transmission	+ 10	+ 10	+ 20	Dodge 6 only
Power Steering	+ 40	0	+ 40	Dodge 6 only
Power Brakes	+ 5	0	+ 5	Dodge 6 only
Power Seats	+ 20	+ 15	+ 35	Dodge 6 only
Power Windows	+ 10	+ 15	+ 25	Dodge 6 only
Radio	+ 10	0	+ 10	Dodge 6 only
Heater	+ 25	+ 5	+ 30	Dodge 6 only
Undercoat - Sedans	+ 30	+ 25	+ 55	Dodge 6 only
- Station Wagon	+ 30	+ 15	+ 45	Dodge 6 only
Air Conditioner	+ 125	- 5	+ 120	Dodge 6 only

* These are weights that are reported to states for licensing purposes.

MAKE OF CAR DODGE V-8 MODEL YEAR 1963 DATE ISSUED 8-6-62 REVISED (•) 1-31-63

MAJOR OPTIONAL ITEMS - WEIGHTS

DODGE V-8		CURB WEIGHT - POUNDS			% PASS. WEIGHT DISTRIBUTION				SHIPPING * WEIGHT
		Front	Rear	Total	Pass. In Front		Pass. In Rear		
					Front	Rear	Front	Rear	
Model 330, TD2-L									
2-Door Sedan	21	1825	1550	3375	50.6	49.4	19.0	81.0	3218
4-Door Sedan	41	1845	1555	3400	50.6	49.4	19.0	81.0	3253
Station Wagon, 6-Pass.	45	1755	1900	3655	50.6	49.4	18.6	81.4	3474
Station Wagon, 9-Pass.	45	1745	1970	3715	50.6	49.4	18.6	81.4	3543
440, TD2-M									
2-Door Sedan	21				50.6	49.4	19.0	81.0	3232
2-Door Hardtop	23	1825	1560	3385	50.6	49.4	19.0	81.0	3242
4-Door Sedan	41	1845	1570	3415	50.6	49.4	19.0	81.0	3262
Station Wagon, 6-Pass.	45	1755	1905	3660	50.6	49.4	18.6	81.4	3487
Station Wagon, 9-Pass.	45	1745	1975	3720	50.6	49.4	18.6	81.4	3552
Polara, TD2-H									
2-Door Hardtop	23	1830	1580	3410	50.6	49.4	19.0	81.0	3280
Convertible Coupe	27	1870	1645	3515	50.6	49.4	19.0	81.0	3380
4-Door Sedan	41	1850	1590	3440	50.6	49.4	19.0	81.0	3305
4-Door Hardtop	43	1875	1615	3490	50.6	49.4	19.0	81.0	3370
Polara 500, TD2-P									
2-Door Hardtop	23	1895	1615	3510	51.1	48.9	19.0	81.0	3426
Convertible Coupe	27	1930	1680	3610	51.1	48.9	19.0	81.0	3540

Accessories & Equipment Differential Weights				Remarks
Automatic Transmission	- 10	+ 5	- 5	
Power Steering	+ 35	0	+ 35	
Power Brakes	+ 5	0	+ 5	
Power Seats	+ 20	+ 15	+ 35	
Power Windows	+ 10	+ 15	+ 25	
Radio	+ 10	0	+ 10	
Heater	+ 25	+ 5	+ 30	
Undercoat - Sedans	+ 30	+ 25	+ 55	
- Station Wagon	+ 30	+ 15	+ 45	
Air Conditioner	+ 125	- 5	+ 120	With 318 cu in. engine only.
Power Pak	+ 70	0	+ 70	383 cu in. engine, 2-bbl carburetor
High Performance	+ 100	0	+ 100	383 cu in. engine, 4-bbl carburetor

* These are weights that are reported to states for licensing purposes.

Form Rev. 3-62

DIMENSION DEFINITIONS

W3a SHOULDER ROOM - FRONT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.

W4a SHOULDER ROOM - REAR. Measured in the same manner as W3a.

W5a HIP ROOM - FRONT. The lateral dimension through H Point to trimmed surfaces.

W6a HIP ROOM - REAR. Measured in the same manner as W5a.

W7 STEERING WHEEL CENTER TO CENTERLINE OF CAR. Measured horizontally from steering wheel center to centerline of car. The point at steering wheel center is located in the surface plane of wheel.

W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.

W16a SEAT WIDTH - FRONT. The maximum trimmed width of front seat cushion.

W85a SHOULDER ROOM - THIRD SEAT. Measured in the same manner as W3a.

W86a HIP ROOM - THIRD SEAT. Measured in the same manner as W5a.

W101 TREAD - FRONT. Measured at centerline of tires, with nominal camber, at ground.

W102 TREAD - REAR. Measured at centerline of tires at ground.

W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions.

W106 FRONT FENDER OVERALL WIDTH. Measured at centerline of front wheels, excluding moldings.

W107 REAR FENDER OVERALL WIDTH. Measured at centerline of rear wheels, excluding moldings.

W116 MAXIMUM OVERALL BODY WIDTH. Measured across body, excluding hardware and applied moldings, but including fenders when integral with body.

W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.

W120a MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN. Measured with front doors in maximum hold-open position.

W121a MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN. Measured in same manner as W120a.

W122a TUMBLE-HOME. The angle from vertical to the front door glass outer surface or the chord of a curved door glass, measured at the front H Point station.

L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at a height tangent to the top of rear seat cushion.

L7a STEERING WHEEL TORSO CLEARANCE. The minimum distance from the back edge of steering wheel, in straight-ahead position, to the Torso Line.

L13 BRAKE PEDAL ,KNEE CLEARANCE. The minimum dimension from the lower edge of the steering wheel to the brake pedal face centerline.

L14 SEAT BACK THICKNESS - FRONT. The maximum thickness of the seat back, excluding bolsters.

L15 SEAT BACK THICKNESS - REAR. Measured in the same manner as L14.

L17a H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.

L18 ENTRANCE FOOT CLEARANCE - FRONT. The minimum horizontal dimension between seat and normal line of door or pillar at a height between the sill plate bead and 4.0 inches above the bead. Door should be in the maximum hold-open position.

L19 ENTRANCE FOOT CLEARANCE - REAR. Measured in the same manner as L18 on four-door models. On two-door styles, the minimum dimension between rear corner of front seat, with front seat back tilted forward, and trimmed lock pillar, built-in quarter armrest panel, or rear seat cushion at a height between the sill plate bead and 4.0 inches above the bead.

L30 BODY ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (-) sign.

L31a H POINT TO BODY ZERO LINE - FRONT. Horizontal dimension.

L34a MAXIMUM EFFECTIVE LEG ROOM - ACCELERATOR. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. Measured with the right foot on accelerator pedal.

L40a BACK ANGLE - FRONT. The angle between a vertical line through the H Point and the Torso Line.

L41a BACK ANGLE - REAR. Measured in the same manner as L40a.

L42a HIP ANGLE - FRONT. The angle between Torso Line and a line extending from knee pivot center to H Point.

L43a HIP ANGLE - REAR. Measured in the same manner as L42a.

L44a KNEE ANGLE - FRONT. The angle between a line from H Point to knee pivot center and a line from the knee pivot center to the ankle pivot center.

L45a KNEE ANGLE - REAR. Measured in the same manner as L44a.

L46a FOOT ANGLE - FRONT. The angle between a line extended from the knee pivot center through the ankle pivot center and a line tangent to the sole and heel of manikin bare foot.

L47a FOOT ANGLE - REAR. Measured in the same manner as L46a.

L48a MINIMUM KNEE ROOM - REAR. The minimum dimension from the knee pivot center to the back of front seat back.

L49a H POINT TO WINDSHIELD UPPER DLO. The horizontal dimension from H Point to the point of tangency of horizontal line of vision (described in dimension H64a) with body upper structure.

DIMENSION DEFINITIONS (cont.)

L50a H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.

L51a MINIMUM EFFECTIVE LEG ROOM - REAR. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. Measured with the foot positioned to nearest interference between seat structure and toe, instep or lower leg.

L52a BRAKE PEDAL TO ACCELERATOR. The minimum dimension from center of brake pedal face to accelerator. Measured in the side view.

L53a H POINT TO ACCELERATOR FLOOR POINT. The horizontal dimension from intersection of accelerator and depressed floor covering to the H Point.

L85a H POINT COUPLE DISTANCE - THIRD SEAT. The horizontal dimension from the second seat H Point to the third seat H Point.

L86a EFFECTIVE LEG ROOM - THIRD SEAT. Measured in the same manner as L51a. With rear-facing third seat,foot is positioned in foot well or to nearest interference with rear end or rear closure.

L87a KNEE ROOM - THIRD SEAT. Measured in the same manner as L48a. With rear-facing third seat,dimension is measured to rear closure.

L88a BACK ANGLE - THIRD SEAT. Measured in the same manner as L40a.

L89a HIP ANGLE - THIRD SEAT. Measured in the same manner as L42a.

L90a KNEE ANGLE - THIRD SEAT. Measured in the same manner as L44a.

L91a FOOT ANGLE - THIRD SEAT. Measured in the same manner as L46a.

L101 WHEELBASE.

L102 TIRE SIZE.

L103 OVERALL LENGTH. Include bumper guards if standard equipment.

L104 OVERHANG - FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.

L105 OVERHANG - REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.

L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the theoretical intersection of extended windshield glass plane and normal cowl surface to the theoretical intersection of extended back window glass plane and normal deck surface; or in the case of a Fastback roof or Station Wagon, to back glass lower reveal molding, or rubber when molding is not used.

L127 BODY ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.

L128a HOOD LENGTH AT CAR CENTERLINE. The horizontal dimension from the foremost point on sheet metal hood surface, excluding series identification or ornamentation, to the theoretical intersection of extended windshield glass plane and normal cowl surface.

L129a DECK LENGTH AT CAR CENTERLINE. The horizontal dimension from the rearmost point of the body sheet metal (visible above bumper), excluding series identification or ornamentation, to the theoretical intersection of extended back window glass plane and normal deck surface.

L130a BODY ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from body zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

H5a H POINT TO GROUND - FRONT. Vertical dimension.

H6a H POINT TO WINDSHIELD BOTTOM DLO. Vertical dimension.

H10a H POINT TO GROUND - REAR. Vertical dimension.

H11a ENTRANCE HEIGHT - FRONT. The vertical dimension from H Point to upper trimmed body opening.

H12a ENTRANCE HEIGHT - REAR. The vertical dimension from H Point to the upper trimmed body opening at a section 13.0 inches forward of the H Point.

H13a STEERING WHEEL THIGH CLEARANCE. The minimum dimension from the bottom of steering wheel, in straight-ahead position, to centerline of thigh.

H18 STEERING COLUMN ANGLE - HORIZONTAL. The angle the centerline of steering column makes with the horizontal.

H25a BELT HEIGHT - FRONT. The vertical dimension from H Point to bottom of side window DLO.

H30a H POINT TO HEEL POINT - FRONT. The vertical dimension from the H Point to the manikin accelerator heel point on the depressed floor covering.

H31a H POINT TO HEEL POINT - REAR. The vertical dimension from the H Point to the manikin heel point on the depressed floor covering.

H32a SEAT CUSHION DEFLECTION - FRONT. The vertical dimension from a point on the undepressed seat cushion to the depressed seat cushion. Measured at the H Point station.

H33a SEAT CUSHION DEFLECTION - REAR. Measured in the same manner as H32a.

H37 HEADLINING TO ROOF HEIGHT - FRONT. The dimension from the intersection of the headlining and the extended effective head room line to the roof panel. Measured perpendicularly to the roof panel.

H38 HEADLINING TO ROOF HEIGHT - REAR. Measured in the same manner as H37.

H49a H POINT TO TOP OF STEERING WHEEL. The vertical dimension from the H Point to top of steering wheel, in straight-ahead position.

H50a 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.

DIMENSION DEFINITIONS (cont.)

H51a 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.

H54a H POINT TO TUNNEL - FRONT. The minimum dimension from the H Point, at car centerline, to top of tunnel.

H55a H POINT TO TUNNEL - REAR. Measured in the same manner as H54a.

H58a H POINT RISE. The vertical dimension between the H Point in the most forward and rearward seat positions.

H61a 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.

H63a EFFECTIVE HEAD ROOM - REAR. Measured in the same manner as H61a.

H64a H POINT TO WINDSHIELD UPPER DLO. Vertical dimension from H Point to highest horizontal line of vision through windshield at 15 inch section.

H65a H POINT DIFFERENTIAL, SIDE TO CENTER - FRONT. The vertical dimension from side occupant H Point to center occupant H Point.

H66a H POINT DIFFERENTIAL, SIDE TO CENTER - REAR. Measured in the same manner as H65a.

H67a DEPRESSED FLOOR COVERING THICKNESS - FRONT. The vertical dimension from manikin accelerator heel point normally to underbody sheet metal immediately below heel point.

H68a DEPRESSED FLOOR COVERING THICKNESS - REAR. Measured same as H67a.

H85a H POINT TO GROUND - THIRD SEAT. Vertical dimension.

H86a EFFECTIVE HEAD ROOM - THIRD SEAT. Measured in the same manner as H61a.

H87a H POINT TO HEEL POINT - THIRD SEAT. Measured in the same manner as H31a.

H101 OVERALL HEIGHT. Measured with full design load.

H102 FRONT BUMPER TO GROUND. Minimum dimension.

H104 REAR BUMPER TO GROUND. Minimum dimension.

H106 ANGLE OF APPROACH. Minimum angle between ground and a line tangent to arc of front tire static loaded radius and touching the limiting point of interference on front bumper, bumper guard, or gravel deflector.

H107 ANGLE OF DEPARTURE. Minimum angle between ground and a line tangent to arc of rear tire static loaded radius and touching the limiting point of interference on rear bumper, bumper guard, gravel deflector, tail pipe, fender or other interfering structure.

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

H112a ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured at foremost point of rocker panel.

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

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

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

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

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

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

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

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

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

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

H136a BODY ZERO TO GROUND - FRONT. A vertical dimension measured at front wheel centerline.

H137a BODY ZERO TO GROUND - REAR. A vertical dimension measured at rear wheel centerline.

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

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

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

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

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

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

H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND. Minimum clearance.

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

H155 SPARE TIRE WELL TO GROUND. Minimum clearance.

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

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