

Specifications Form Passenger Car

1983

METRIC (U.S. Customary)

Manufacturer	Car Line	
CHRYSLER CORPORATION	DODGE 600	
Mailing Address	Model Year	Issued:
DETROIT MICHIGAN 40000		6-4-82
DETROIT, MICHIGAN 48288	1983	Revised (•)
		12/1/82

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The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

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NOTE:

- This form uses both St metric units and U.S. Customary units. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
- 2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
- 3. The General Specifications herein are those in effect at date of completion and are subject to change without notice by the manufacturer.
- Additional Car and Body Dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

Car Line	·	DO	DGE 600	
Model Year	1983	Issued _	6-4-82	Revised (*)

Car Models

Model Description	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load — Kilograms (Pounds)
600 4-DOOR SEDAN	10-1-82	EH41	6(3/3)	52(115)
600ES 4-DOOR SEDAN	10-1-82	ES41	5(2/3)	52(115)

Car Line		DO	DGE 600		
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Power Teams (Indicate whether standard or optional)

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

	•		EN	GINE				
SERIES	Pst	0-4		SAE Ne	at RPM		TRANSMISSION	AXLE RATIO
SERIES AVAILABILITY	Displ. Liters (in³)	Carb. (Barrels FI, etc.)	Compr. Ratio	kW (bhp)	Torque N - m (lb. ft.)	Exhaust System*	THANSMISSION	(std. first) (indicate A/C ratio)
	2.2			70 (94)	158 (117)		MANUAL (a)	2.57
STD ALL	(135)	2	9.0	`@´ 5200	@´ 3200	S	AUTOMATIC	3.02
OPT ALL	2.6 (156)	2	8.2	69 (93) @ 4500	179 (132) @ 2500	s	AUTOMATIC	3.02
(a) 600ES Only		†						,,
<u>.</u>								
	·							
					-			
			:					-
							<i>.</i>	
				•				

Car Line		DO	DGE 600		
Model Year	1983	lssued _	6-4-82	Revised (*)	

Engine Description/Carb. Engine Code	2.2 L (135.0 in.³) 2 bbl., E62	2.6 L (155.9 in.³) 2 bbl., E72

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, etc.)		Four-Cylinder, In-Li Front, Tra	ne, OHC Vertical nsverse	
lo. of cylinders		For	ur	
ore .		87.5 (3.44)	91.1 (3.59)	
Stroke		92.0 (3.62)	98.0 (3.86)	
Bore spacing (c/l to	c/i)	96.0 (3.78)	101 (4.0)	
Cylinder block mater		Cast		
Ovlinder block deck		237.8 (9.36)	251 (9.9)	
Deck clearance (minimum) (above or below block)		0.773 (0.0304) Below	0.6 (0.02) Below	
Cylinder head material		Aluminum		
Winder head volum		56.7 ± 1.5	75.2	
Head gasket thickness (compressed)		1.73 (0.068)	1.25 (0.049)	
Vinimum combustion		Clearance Volume: 70.66	Clearance Volume: 88.7	
Ovl. no. system	L. Bank	Right to Left as Installed in Car: 1, 2, 3, 4		
(front to rear)*	R. Bank			
Firing Order		1-3-4-2		
Recommended fuel (leaded, unleaded, diesel)		Unleaded		
Fuel antiknock index (R + M)		87 Mil	nimum	
2 Total dressed engin	a maga (ud) day**	133.3 (293.8)	161.6 (356.3)	

 Engine - Pistons

 Material
 Aluminum Alloy

 Mass, g (weight, oz.) - Piston Only
 455 ± 2 (16.0)
 450 (15.9)

^{*}Rear of engine -- drive takeoff. View from drive takeoff end to determine left & right side of engine.

^{**}Dressed engine mass (weight) includes the following: Starter, Alternator, Air Cleaner, Ignition System, Manifold, Water Pump, Fuel Pump, Engine Mounted Emission Controls, Drive Belts, Oil Filter, Engine Mounts and Throttle Controls as Required.

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 DODGE 600

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ngine Description/C ngine Code	Carb.	2.2 L (135.0 in.³) 2 bbl., E62	2.6 L (155.9 in.³) 2 bbl., E72	
Engine - Valve	System			
	Hydraulic	Standard	N.A.	
ifters (std., opt., n.a.)	Solid		Standard	
Engine - Conne	cting Rods			
flaterial & mass (kg., v	weight, lbs.)	Forged Steel 0.691 (1.52)	Drop-Forged Steel 830 (29)	
ingine - Cranks	shaft			
laterial		Nodular Steel	Drop-Forged Steel	
lass (kg., weight, lbs.)	,	16.53 (36.450)	18.2 (40.12)	
nd thrust taken by be	varing (no.)	Three		
ingine - Lubrica	ation System			
	Pa (psi) at engine rpm]	345 (50) @ 2000	390 (56.5) @ 2000	
			onary	
ormal oil pressure [kF	g, stationary)	SIAIII	2. ····· 3	
		Static Full I		
ormal oil pressure [kF /pe oil intake (floating	ow, part, other)			
ormal oil pressure [kF rpe oil intake (floating il filter system (full flo apacity of c/case, les	ow, part, other) ss filter-refill-L (qt.)	Full I	Flow	
ormal oil pressure [kF pe oil intake (floating I filter system (full flo spacity of c/case, les ngine - Diesel	ow, part, other) ss filter-refill-L (qt.) Information	Full I	Flow	
rmal oil pressure [kF pe oil intake (floating filter system (full flo pacity of c/case, les ngine - Diesel ow plug, current drain	ow, part, other) ss filter-refill-L (qt.) Information	Full I	Flow	
rmal oil pressure [kF pe oil intake (floating filter system (full flo pacity of c/case, les ngine - Diesel ow plug, current drain ector Type	Information in at 0°F	Full I	Flow	
mmal oil pressure [kF pe oil intake (floating filter system (full flo pacity of c/case, les ngine - Diesel ow plug, current drain ector zzle	ow, part, other) ss filter-refill-L (qt.) Information	Full I	Flow	
ormal oil pressure [kF pe oil intake (floating I filter system (full flo pacity of c/case, les ngine - Diesel ow plug, current drain ector Type Opening e-chamber design el Manufac	ow, part, other) ss filter-refill-L (qt.) Information in at 0°F pressure [kPa (psi)]	Full I	Flow	
prmal oil pressure [kF rpe oil intake (floating I filter system (full flo apacity of c/case, les rgine - Diesel ow plug, current drain ector Type opening e-chamber design	ow, part, other) ss filter-refill-L (qt.) Information in at 0°F pressure [kPa (psi)]	Full I	Flow	

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Engine	Description/Carb.
Engine	Code

2.2 L (135.0 in.³) 2 bbl., E62 2.6 L (155.9 in.³) 2 bbl., E72

Induction typinjection sys	oe: carburetor, fue item, etc.	el	C	Carburetor	
•	Mfgr.		Holley: 6520	Mikuni Co., Ltd. 32-35 DID TA	
Carburetor	Choke (type)		Electric	Automatic	
	Idle spdrpm	Manual	800		
	(spec. neutral or drive and				
	propane	Automatic (NEU)	775	800	
	if used)			·	
Idle A/F mix	ر. د		Propane Idle Enrichment; Check Emission Control Label		
	Point of injection	n (no.)		_	
Fuel	Constant, pulse, flow				
Injection	Control (electronic, mech.)				
	System pressur	e (kPa (psi))	_		
	old heat control (ermostatic or fixed			Water	
Air cleaner	Standard		Paper Element	Carbon Element	
ype Optional			<u> </u>		
	Type (elec. or r	nech.)	Mechanical		
Fuel pump	Location (eng.	tank)	Front Side of Transverse Mounted Engine		
pup	Pressure range	[kPa (psi)]	30 to 40 (4.5 to 6)		

Fuel Tank

Capacity [refill L (gallons)]		49 (13.0)		
Location (de	ation (describe) Forward of Axle			
Attachment		Terne Plated Strap to Floor Pan		
Máterial		Terne Plated Steel		
Filler	Location & material	External Right Rear Quarter Panel; Terne Plated Steel		
pipe	Connection to tank	Rubber Grommet		
Fuel line (m	aterial)	Terne Plated Steel		
Fuel hose (material)	Fuel Resistant Rubber		
Return line	(material)	Terne Plated Steel		
Vapor line (material)	Terne Plated Steel		
	Opt., n.a.	Not Available		
Extended range	Capacity [L (gallons)]	_		
tank	Location & material	-		
	Attachment			
	Opt., n.a.	Not Available		
	Capacity (L (gallons))			
Auxiliary	Location & material	-		
tank	Attachment	-		
	Selector switch or valve	-		
	Separate fill			

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Engine Code

2.2 L (135.0 in.³) 2 bbl., E62

2.6 L (155.9 in.³) 2 bbl., E72

WO/AC

W/AC

W/AC

Coolant recov	ery system	(std., opt., n.a.)		Star	ıdard	
Coolant fill loc	ation (rad.	bottle)		Во	ttle	
Rediator cap	relief valve	pressure [kPa (psi)]		110.3 ± 3	.5 (14 - 17)	
Circulation		ke, bypass)		Choke	, Pellet	
thermostat	Starts to c	pen at °C (°F)	90.6	(195)	88 (190)
	Type (cen	rifugal, other)		Cent	rifugal	
Ī	GPM 1000	pump rpm				
Vater cump	Number of	pumps		Ō	ne	
	Drive (V-b	elt, other)		V-1	Belt	
Ī	Bearing (ty	rpe)		Integral B	all Bearing	
By-pass recirc	ulation (typ	e (inter., ext.)]		-	-	
		s-flow vertical er) and material]			-Flow, r/Brass	
	With heate	er - L(gt.)		8.2	(8.7)	
Cooling system		ond L(qt.)	 		-	
capacity		ment [specify - L(qt.)]	· · · · · · · · · · · · · · · · · · ·	-	_	
Water jackets		of cyl. (yes, no)		Y	es	
Water all arou					10	
		Width	566 (22.3)	T	632 (24.9)	
		Height	389 (15.3)		389 (15.3)	
	Standard	Thickness	20 (0.7)		31.8 (1.25)	
		Fins per inch	12 Man; 15 Auto		13.5	
ŀ		Width		566 (22.3)	· · · · · · · · · · · · · · · · · · ·	632 (24.9)
Radiator		Height		389 (15.3)		389 (15.3)
core	A/C	Thickness		20.6 (0.7)		31.8 (1.25)
		Fins per inch		17 Man; 18 Auto		13.5
1		Width	566	(22.3)	632	(24.9)
	Heavy	Height		<u>(15.3)</u>	389	(15.3)
	duty	Thickness		(1.25)	31.8	(1.25)
		Fins per inch		 	1;	3.5
		f blades & type . , material)	2,1	fletal	5 Blades	& Tip Ring
	Diameter	& projected width	317 (12.5)	356 (14)	381	(15)
Fan		to crankshaft rev.)		1	<u> </u>	
(standard)	Fan cutou		Electric Motor			
		e (direct, remote)]				
		d (material)	M	etal	Pla	stic
		& projected width	317 (12.5)	356 (14)	· · · · · · · · · · · · · · · · · · ·	(15)
	RPM at id		1800	1720	1300	1100
Fan		ng (wattage)	60	150	90	70
(electric)		tch (type & location)			/Radiator	
į		int (temp., pressure)	200°F 196°F			
}		d (material)	Metal Plastic			
		des and spacing			_	
		& projected width		•		
Fan		to crankshaft rev.)				
(optional)	Fan cut-o					
	Drive (type, direct, remote)					

⁽a) (1.25) Automatic

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Engine Description/Carb. Engine Code	2.2 L (135.0 in.³) 2 bbl., E62	2.6 L (155.9 in.³) 2 bbl., E72
1		

Vehicle Emission Control

	Type (air ii modificatio			Air Injection, Exh. Gas Recircula. Engine Modifications, Catalytic Conv.	(a)	
*		Pump (type)	Positive Displ. Rotary Vane	None	
	A:-	Driven I	by	V-Belt		
	Air Injection	Air distr	ribution manifold, etc.)	Single Entry		
		Point of	entry	Exh. Man. Outlet Cold: Cat. Conv. Hot		
xhaust	Exhaust	Type (c	ontrolled flow, rifice, other)	Controlled Flow		
Control	Gas	Exhaus	t source	Exhaust Manifold		
	Recircula- tion	(spacer	exhaust injection , carburetor, d, other)	Intake Manifold Wall		
		Туре		3-Way Catalyst + Oxidation	Oxidation	
		Number of		1	2	
	Catalytic Converter	Location	n(s)	Below Exhaust Manifold	Below Exh. Man. & Under Seat	
		Volume	[L (in³)]	1.72 (105) 3WC + 0.74 (45) Oxidation	0.7 (43) + 1.0 (61)	
		Substrate type		Mono	lithic	
	Type (ventilates to atmosphere, induction system, other)			Closed Induc	Closed Induction System	
rankcase mission	Energy source (manifold vacuum, carburetor, other)			Manifold Vacuum		
control	Discharges manifold, o		re	Intake Manifold		
	Air inlet (bi	eather c	ap, other)	Carburetor Air Cleaner		
	Vapor vent		Fuel tank	Canister		
Evapora- tive Emission Control	canister, of		Carburetor	Canister		
	Vapor Storage provision (crankcase, canister, other)			Canis	ster	

(a) Pulse Air, Exhaust Gas Recirculation, Engine Modifications, Catalytic Converter

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single (a)	
	& type (reverse flow, u, separate resonator)	One, Reverse Flow	
Resonator	no. & type	One, Straight Thru	
Exhaust	Branch o.d., wall thickness	50.8 x 1.4 (2.00 x 0.055)	
pipe	Main o.d., wall thickness	47.8 x 1.4 (1.88 x 0.055)	
	Material	Stainless Steel	
Inter- mediate	o.d. & wall thickness	47.8 x 1.1 (1.88 x 0.043)	
pipe	Material	Stainless Steel	
Tail	o.d. & wall thickness	47.8 x 1.1 (1.88 x 0.043)	
pipe	Material	Aluminized Steel	

 ⁽a) 2.2L (135.0 in.³): 150 in.³ Front Catalyst Converter with Air Injection
 2.6L (115.9 in.³): 43 in.³ Catalyst Converter within Exhaust Manifold;
 61 in.³ Rear Catalyst Converter Fed./Calif. (MMC Supplied)

Optional (type & rating)

Regulator

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Voltage Control

Engine Description/Carb. Engine Code	2.2 L (135.0 in.³) 2 bbl., E62	2.6 L (155.9 in.³) 2 bbl., E72
Engine Code	2 00 1., E02	2 001., 172

Electric	al - Supply System				
	Voltage rtg. (V & total plates)	12 V, 5	4 Plates		
	Minimum reserve cranking	86 Minutes			
Battery	SAE capacity (amps)	370 Amp			
	Location	Left Front Fer	der Side Shield		
	Type and rating	60 Amp	75 Amp		
Alternator	Ratio (alt. crank/rev.)	2.25:1	2,52:1		

78 Amp

Electrical - Starting System					
	Current drain at -10°F	220 - 250A	230 - 280A		
	Engagement type	Solen	oid Shift		
	Pinion engages from (front, rear)	F	ront		

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Engine	Description/Carb.
Foolne	

2.2 L (135.0 in.³) 2 bbl., E62 2.6 L (155.9 in.³) 2 bbl., E72

Electrical - Ignition System

	Conventional (std., opt., n.a.) Transistorized (std., opt., n.a.)		Not Available Standard		
Туре					
	Other (specify)		(a)	_	
	Make		Essex or Prestolite	Dia. Elec. Mfg. Co. Ltd.	
0.4	Model		4111468 4111467	LB119	
Coil	Current	Engine stopped — A	3.0A	None	
		Engine idling — A	1.9A	1.4	
	Make		Mopar Champion	NGK, Champion, Nippon Denso	
	Model		65PR RN12YC	BPR5ES-11, RN11YC4, W16EPR-V10	
Spark Slug	Thread (mm)		14mm		
	Tightening torque [N-m (lb., ft.)]		28 (20)	20-30 (15 to 22)	
-	Gap		0.89 (0.035)	1.0 to 1.1, 0.9 to 1.0	
liatributar	Make *	The state of the s	Chrysler	Supplied by Mitsubishi	
Distributor	Model		5206975		

Electrical - Suppression

Locations & type

Electrical - Instruments and Equipment

Speed-	Туре	Magnetic Torque Drive		
ometer	Trip odometer (std., opt., n.a.)	Std. in Optional Cluster - Trip Odometer		
EGR maintenance indicator		_		
Charge	Туре	Voltage Light		
indicator	Warning device	-		
Temperature	Туре	Light (Engine)*		
indicator	Warning device	-		
Oil pressure	Туре	Light (Engine)*		
indicator	Warning device	_		
Fuel	Туре	Electric Magnetic		
indicator	Warning device	Low Fuel Light		
	Type (standard)	Electric 2-Speed, Non-Depressed Park		
Wind-	Type (optional)	Electric 2-Speed Intermittent Wipe		
shield wiper	Blade length	406.4 (16)		
·	Swept area [cm²(in.²)]	5684 (881)		
Wind-	Type (standard)	Electric (Arm Mounted)		
shield	Type (optional)	-		
washer	Fluid level indicator	Optional		
	Туре	Four-Inch Sea Shell		
Horn	Number used	Two Std.		

Other

*Indicates High Coolant Temperature or Low Oil Pressure

(a) Combustion computer with Feedback Carburetor Controller

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METHIC	(U.S. Cu	stomary)				
Engine Des Engine Cod	scription/Carl de	o .		2.2 L (135 in.³) 2 bbl., E62		
Transmi	ieeinne					
	eed (std., opt	na)		N.A.		
	peed (std., opt			N.A.		
	peed (std., opt	· · · · · · · · · · · · · · · · · · ·		Std. (600ES Only)		
	rdrive (std., op			N.A.		
	std., opt., n.a.)			Std.		
	verdrive (std.,			N.A.		
Manual	Transmis	sion			•	
	forward speed			5		
	In first			3.29		
	In second			1.89		
	In third			1.21		
Transmis- ion ratios	In fourth			.88		
	In fifth			.72		
	In overdrive	9		<u> </u>		
	In reverse			3.14		
Synchronou	s meshing (sp	pecify gears)		All Forward Gears		
Shift lever l	ocation			Floor		
	Capacity [L	. (pt.)]	2.15 (4.55)			
	Type recor	nmended	Mopar Dexron II Automatic Transmission Fluid			
Lubricant	SAE vis-	Summer	-			
	cosity	Winter				
······	number	Extreme cold				
Clutch ((Manual T	ransmission)				
Make & typ	e		Luk, Dry Disc	Asin Seiki, Dry Disc	Auto Products, Dry Disc	
Type press	ure plate sprir	ngs		Belleville		
Total spring	load [N (lb.)]		4400-4900 (989-1102)	3880-5250 (872-1180)	4400-6300 (989-1416)	
No. of cluto	th driven discs	3		One		
	Material		·	Asbestos	,	
	Manufactu	rer	Ferodo, Nuturn or Luk	Akebono	Ferodo	
	Part numb	er	A319095401, 02 or 03	31560-99838	57755	
	Rivets/pla	te		16	T. 5. (0.007)	
Clutch facing	Rivet size		9.00 (0.354)	8.00 (0.315)	7.54 (0.297)	
Long	Outside &		215 x 154 (8.46 x 6.06)	215 x 140 (8.46 x 5.51)	215 x 152.5 (8.46 x 6.00)	
		rea [cm²(in.²)]	353.6 (54.8)	418.2 (64.8)	360.8 (55.9) 3.425 (0.135)	
	Thickness		3.45 (0.136)	3.5 (0.138)	3.423 (0.133)	
	Engageme method	ent cushion		Wave Spring Segments		
Release bearing	Type & me of lubricati		Angular	Contact Ball Bearing Lubed wit	h Grease	
Torsional damping	Method: s friction ma		Coil	Springs and Fiber Friction Was	shers	

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Engine	Description/Carb
Engine	Code

2.2 L (135.0 in.³) 2 bbl., E62 2.6 L (155.9 in.³) 2 bbl., E72

Automatic Transmission

Trade name	9	Torqueflite		
Type (describe)		Torque Converter with Automatically Operated Planetary Transmission and Parallel Axes Final Drive		
Selector	Location	Lever: Column Shift		
	Ltr./No. designation	PRND21		
	R	2.10		
0	D	2.69, 1.55, 1.00		
Gear ratios	L ₃	_		
	L ₂	2.69, 1.55		
	L ₁	2.69		
Max. upshift speed - drive range [km/h (mph)]		105 (65)		
Max. kickdo	wn speed - drive range [km/h (mph)]	96 (59)		
Min. overdri	ive speed [km/h (mph)]			
	Number of elements	3		
Torque	Max. ratio at stall	2.00:1		
converter	Type of cooling (air, liquid)	Liquid		
	Nominal diameter	241 (9.5)		
Lubricant	Capacity [refill L (pt.)]	8.40 (17.75)		
Lubrcant	Type recommended	Dexron II Automatic Transmission Fluid		
Special transmission features		Wide Ratio		

Axle or Front Wheel Drive Unit

Type (front, rear)			Front	
Description			Parallel Axes Helical Gears	
Limited slip differential (type)		type)	-	
Drive pinior	n offset		<u> </u>	
Drive pinion (type)			Straight Bevel	
No. of differential pinions		s	2	
Pinion adjustment (shim, other)		, other)	-	
Pinion bearing adj. (shim, other)		n, other)	-	
Driving whe	el bearing (t	ype)	Double Row Ball or Double Row Taper Roller	
	Capacity	[L (pt.)]	1.12 (2.37)	
	Type reco	emmended	Dexron II Automatic Transmission Fluid	
Lubricant	SAE vis-	Summer	-	
	cosity	Winter	-	
	number	Extreme cold		

Axle or Transaxle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage.)

Axle ratio o	r overall ratio	2.57	3.02
No. of	Pinion	16	21
teeth	Ring gear or gear	57	60
Ring gear o	o.d.	198.05 (7.97)	184.45 (7.26)
Transaxle	Transfer gear ratio	_	1.06
- Tansaxie	Final drive ratio	3.56	2.86
		Manual	Automatic

Car Line	DODGE 600			
Model Year	1983	_ Issued _	6-4-82	_ Revised (*)

Engine Description/Carb. Engine Code

2.2 L (135.0 in.³) 2 bbl., E62 2.6 L (155.9 in.³) 2 bbl., E72

Type (straight tubular, etc.) Outer diam. x length* x wall thick-ness	, solid bar, Manual tran Automatic tr		Left	Solid Bar Tube G.K.N. 27 x 367 (1.06 x 14.45) or Citroen 26.5 x 367.1 (1.04 x 14.45) G.K.N. 40.5 x 605.4 x 2.7 (1.59 x 23.83 x 0.106) or Citroen 40 x 602.5 x 3.2 (1.53 x 23.72 x 0.126) G.K.N 27 x 367 (1.06 x 14.45) or Citroen 26.5 x 371 (1.04 x 14.61)	
Outer diam. x length* x wall thick-			Left Right Left	G.K.N. 27 x 367 (1.06 x 14.45) or Citroen 26.5 x 367.1 (1.04 x 14.45) G.K.N. 40.5 x 605.4 x 2.7 (1.59 x 23.83 x 0.106) or Citroen 40 x 602.5 x 3.2 (1.53 x 23.72 x 0.126)	
diam. x length* x wall thick-			Right	G.K.N. 40.5 x 605.4 x 2.7 (1.59 x 23.83 x 0.106) or Citroen 40 x 602.5 x 3.2 (1.53 x 23.72 x 0.126)	
diam. x length* x wall thick-			Left		
diam. x length* x wall thick-	Automatic to	ansmission	<u> </u>	G.K.N 27 x 367 (1.06 x 14.45) or Citroen 26.5 x 371 (1.04 x 14.61)	
wali thick-	Automatic ti	ansmission		1	
ness			Right	Same as (Right Manual) Above	
				N.A.	
	Optional tra	nsmission	Right	N.A.	
	Туре				
Slip yoke	Number of teeth			_	
	Spline o.d.				
		•	inner	G.K.N. GI72 or Citroen	
	Make and n	ntg. no.	Outer	G.K.N. 95AC or Citroen	
Ì	Number use	d		Two	
Ī	Type, size,		Inner	Tripode Plunge	
Universal	Type, size,	piunge	Outer	Rzeppa-Fixed	
joints	Attach (u-bo	lt, clamp, etc.)		<u> </u>	
		Type (plain, anti-friction)			
,	Bearing	Lubric, (fitting, prepack)		Prepack	
Drive taken the		e tube,		_	
Torque taken arms or spring		que tube,		_	

^{*}Centerline to centerline of universal joints, or to centerline of attachment.

Car Line	 .	DODGE 600	
Model Year	1983	Issued 6-4-82	Revised (*)

METR	IC (U.S. Cust	omary)	
Engine Description/Carb. Engine Code			ALL
Tiree :	And Wheels	(Standard)	·
111 63 /	Size (load range,		P185/70 R 14, B, 2/2
	Type (blas, radial		Steel Radial
	Inflation	1	
Tires	pressure (cold) for recommended	Front [kPa (psi)]	179 (26)
:	max. vehicle load	Rear [kPa (psi)]	221 (32)
	Rev./mile - at 70	km/h (45 mph)	865
i	Type & material		Disc Steel
	Rim (size & flang	e type)	14 x 5.5JJ
Wheels	Wheel offset		40 (1.6)
*************		Type (bolt or stud)	Stud
	Attachment	Circle diameter	100 (3.94)
		Number & size	4-M 12 x 1.5mm
Spare	Tire and wheel (s other describe)	ame, if	T115/70 D 14 Low Mileage Spare
Оршо	Storage position (describe)	& location	Vertical-Rear Seat Back Passenger Side
	f range, pty) s, radial, etc.)		
	pe & material)		
	, flange type and o	iffset)	
	d range, pty)		
	s, rdial, etc.)		
Wheel (ty	pe & material)		
Rim (size	, flange type and o	iffset)	
Size (load	range, ply)		
Type (bia	s, radial, etc.)	-	
Wheel (ty	pe & material)		
Rim (size	, flange type and o	iffset)	
Size (load	d range, ply)		
	s, radial, etc.)		
	pe & material)		
	, flange type and o	iffset)	
•	and wheel		
	figuration is differe ire or wheel, descri		
optional spare tire and/or wheel		r wheel	
locatio	on & storage position	on)	
Brake	s - Parking		
Type of control			Foot Operated, Hand Release Lever
Location of control			Upper Left End of Instrument Panel
Operates	on		Rear Wheels
		al or external)	
separate Drum diameter		eter	
from service brakes Drum diameter			

METRIC (U.S. Customary)

Car Line		DODGE 600	· · · · · · · · · · · · · · · · · · ·
Model Year	1983	Issued 6-4-82	Revised (*)

	Type And/Or le Displacement				ALL		
Brakes -	- Servi	ce					
Description							
Brake type			Front (disc or d	rum)	Disc		
(std., opt., n	1.a.)		Rear (disc or da	um)	Drum		
Self-adjustin	ng (std., o	pt., n.a.)			Standard		
Special valving	Туре (рг	oportion, d	lelay, metering, ot	her)	Not Available		
Power brake	e (std., op	ot., n.a.)			Standard /		
Booster typ	e (remote	, intergral,	vac., hyd., etc.)		Vacuum, Single or Tandem		
Anti-skid de	vice type	(std., opt.,	, n.a.)		Not Available		
Effective are	ea (cm²(ir	1.2)]*			542.28		
Gross lining	area (cm	² (in.²)]**			545.56		
Swept area	[cm²(in.²)	}***			1825.30		
	Outer we	orking dian	neter	F	256.2 (10.09)		
				R	158.2 (6.23)		
	Inner wo	rking diam	neter	<u> </u>	130.2 (0.23)		
Rotor				F	24.0 (0.945)		
	Thicknes	Thickness		R	24.0 (0.040)		
			F	Damped Cast Iron, Vented			
	Material & type (vented/solid)		R				
			F	_			
Drum	Diamete	Diameter (nominal)		R	220 (8.66)		
Ord.ii	Type an	Type and material			Cast Composite		
Wheel cyl-	Front				-		
linder bore	Rear		· · ·		14.27 (0.562)		
Master	Bore				21.00 (0.827)		
cylinder	Stroke	· _ ·			32.79 (1.291)		
Pedal arc r	atio				3.28:1 Power		
Line pressu	re at 445	N (100 fb	.) pedal load [kPa	(psi)]	-		
Lining	Front			No Major Adjustment			
clearance per shoe	Rear			_	No Major Adjustment		
		Bonded	or riveted (rivets/	seg.)	Riveted 6/Shoe		
		Rivet size			4.65 (0.18) Dia. x 7.5 (0.3)		
	-	Manufac			Bendix		
	Front	Lining co	ode		Molded Metallic		
		Material			4970 x 11.08 (7.70 x 0.436)		
		Cino	Primary or out-bo		4970 x 11.08 (7.70 x 0.436)		
Brake lining		Size	Secondary or in-		5.33 (0.210)		
	<u> </u>	1	ckness (no lining) or riveted (rivets/		Riveted 10/Shoe		
	Į	Manufac		seg.)	Bendix		
		Lining co		<u> </u>	-		
	Rear	Material			Rolled Asbestos		
	wheel	****	Primary or out-b	oard	226.35 x 40.0 x 6.65 (8.91 x 1.575 x 0.262)		
		Size	Secondary or in-		226.35 x 40.0 x 6.65 (8.91 x 1.575 x 0.262)		
		Shoe thi	ckness (no lining)		2.17 (0.0854)		

^{**}Includes rivet holes, grooves, chamfers, etc.

***Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake: Square of Outer Working Dia. minus Square of Inner Working Dia. multiplied by Pi/2 for each brake.)

****Size for drum brakes includes length x thickness.

Car Line	DODGE 600					
Model Year	1983	_Issued _	6-4-82	_ Revised (*)		

Body Type And/Or Engine Displacement			S12, S13	S14 (High Effort)	
Steerin	g				
Manual (sto	ž. opt., n.a.)		Not Available		
Power (std.	, opt., n.a.)		Standard		
Adjustable steering wheel		Type and description		Tilt	
(tilt, swing,	other)	(Std., opt., n.a.)	Optional		
		Manual	381 (15)		
Wheel diameter		Power	381 (15)		
Turning diameter	Outside	Wall to wall (l. & r.)	11.8	(38.6)	
	front	Curb to curb (l. & r.)	11.0	(35.6)	
	Incido	Wall to wall (I. & r.)	6.1	(20.1)	

Adjustable steering wheel (tilt, swing, other)		.		ilt			
other)	(Std., opt., n.a.)		Optional				
_4	Manual		381 (15)				
Wheel diameter		-	381	(15)			
Outside	de Wall to wall (l. & r.)		11.8	(38.6)			
front	Curb to curb (l. & r.)		11.0 (35.6)				
Inside	Wall to wal	(1. & r.)	6.1 ((20.1)			
rear	Curb to cur	b (i. & r.)	6.2 ((20.4)			
	Туре						
	Make						
Gear	Gear						
	Ratios	Overall					
No. wheel turns (stop to stop)		to stop)					
Type (coa	xial, linkage,	etc.)	Integral Power Unit				
Make	Make		Saginaw or TRW	Saginaw			
	Туре		Rack and Pinion with Integral Power Unit				
Gear	Gear		•				
	Ratios	Overall	18.3:1	14.2:1			
Pump (dri	Pump (drive)		Pulley Belt Off Crankshaft				
No. whee	l turns (stop	to stop)	3.2	2.5			
Туре			Rack and Pinion Type (Rod and Ball Directly Attached to Gear)				
			Rear of Wheels				
Drag links	trans, or lo	ngit.)	None				
<u> </u>			2 (Tie Rod Inners Integral with Rack and Pinion Gear)				
		dea.)	13.3				
		,	Ball E	Bearing			
Bearings	Lower		Ball Joint				
(type)	Thrust		Ball Bearing				
indle & joint	tvoe		Iso-Strut with Lower Ball Joint				
		na		; 40 (1.57) I.D.			
Diameter							
Thread (s	<u></u>		M22	x 1.5			
				ontact Ball Bearing			
	other) eter Outside front Inside rear Gear No. wheel Type (coa Make Gear Pump (dri No. wheels Tie rods (Inclination Bearings (type) indle & joint Diameter Thread (se	other) (Std., opt., opt.	description other) (Std., opt., n.a.) Manual Power Outside front Outsi	Description Gitd., opt., n.a.) Opt			

Car Line		DO	DGE 600	
Model Year	1983	Issued _	6-4-82	Revised (*)

Body Type And/Or	
Engine Displacement	ALL

Wheel Allanment

		Caster (deg.)	+0.2 to +2.2 Max. Diff. 1.5
Front wheel at curb mass (wt.)	Service checking	Camber (deg.)	−0.1 to +0.7
	Checking	Toe-in (outside track-mm (in.))	1.3 (0.05) Toe-In to 3.7 (0.15) Toe-Out
		Caster	Not Adjustable
	Service reset	Camber	See Above
	Ieset	Toe-in	See Above
	Periodic M.V. in- spection	Caster	· · · · · · · · · · · · · · · · · · ·
		Camber '	-
		Toe-in	
	Service	Camber (deg.)	$-1^{1}/_{4}$ to $+^{1}/_{4}$
Rear	checking	Toe-in (outside track-mm (in.))	6.0 (0.23) Toe-In to 6.0 (0.23) Toe-Out
near vheel at	Service	Camber	Not Adjustable
curb mass	reset*	Toe-in	Not Adjustable
wt.) .	Periodic	Camber	
	M.V. in- spection	Toe-in	

^{*}Indicates pre-set, adjustable, trend set or other.

Car Line		DOI	OGE 600	
Model Year	1983	_ Issued	6-4-82	_ Revised (*)

n Feel (S14					
n Feel (S14					
					
Monroe					
dius					

<u></u>					
79 (3.1)					
95 (3.7)					
95 (3.7)					
Coil AISI 5160H Chromium Alloy Steel					
Alsi 9100H Gillollium Alloy Steel					
•					
14.9 (85)					
18.4 (105)					
18.4 (105) 24.5 (140) 18.4 (105) Linkless					
AISI 1095 Spring Steel; 25.4 (1.0) 27.0 (1.06)					
61 (2.4)					
129 (5.1)					
,					
28 (160)					
7.8 (102)					
7.0 (102)					
Frameless ERW Tube Frameless Rod					
inciosa nuu					

Track bar (type)

Channel Type

Car Line			
Model Year	1983	Issued 6-4-82	Revised (*)

	Body Type		ALL
	Miscellaneous		
Type of fin	ish (lacquer, enamel		Buffable Acrylic Enamel
	Hinge location (fi		Rear
Hood	Type (counterbal		Clockspring with Counterbalance
		(internal, external)	Internal
Trunk lid	Type (counterbal		Counterbalance
<u>.</u>		control (elec., mech., n.a.)	Electric, Power Release Standard
Bumper front	Bar material & m	 	Urethane 3.4 (7.5)
iront		naterial & mass (wt.)	Steel 8.84 (19.5)
Bumper	Bar material & m		Urethane 2.6 (5.8)
rear	Reinforcement m	aterial & mass (wt.)	Steel 6.98 (15.4)
	w control (crank,	Front	<u> </u>
friction, piv	ot, power)	Rear	
		Front	Formed Wire
Seat cushio	on type	Rear	Full Foam with Zig-Zag Helper Elements
	<u> </u>	3rd seat	
		Front	Full Foam
Seat back t	ype	Rear	Formed Wire
Vahiala ida	nt. no. location	3rd seat	Left End of Instrument Panel
	 · · · · · · · · · · · · · · · · · ·		(Driver's Side of Vehicle)
Passive	Restraint Sy	atam.	
Standard/ optional		stem	
		stem	
Inflatable restraint system		stem	
restraint	optional Type of	ıl.,	
restraint	optional Type of charging system Location (stg. wh	ıl.,	
restraint system	optional Type of charging system Location (stg. whinstru. panel, other Standard/	ıl.,	
restraint	optional Type of charging system Location (stg. wh instru. panel, other standard/optional Power/	ıl.,	
restraint system Passive seat	optional Type of charging system Location (stg. whinstru. panel, other optional Power/manual 2 or 3	ıl.,	
restraint system Passive seat	optional Type of charging system Location (stg. wh instru. panel, othe Standard/ optional Power/ manual 2 or 3 point Knee bar/	ıl.,	
Passive seat belts	optional Type of charging system Location (stg. wh instru. panel, othe Standard/ optional Power/ manual 2 or 3 point Knee bar/	il., er)	Unitized Construction

Car Line	DODGE 600				
Model Year	1983	_ Issued6-4-82	_ Revised (*)		

Body Type	•	ALL			
Conven	ience Equipment				
	Side windows	Opt.			
Power	Vent windows	N.A.			
windows	Backlight or tailgate	N.A.			
Power seat well as ava	s (specify type as	Bench w/Center Arm Rest - Opt. 50/50 Seat - Opt.			
Reclining fr	ont seat back (r-l or both)	Opt Left & Right Buckets			
Radio (spec well as ava	cify type as ilability)	Std. AM; Opt AM/FM Stereo w/Cassette			
Premium so	ound system (specify)	Std Ali Stereos Include 4 Speakers - 2 Front & 2 Rear			
Rear seat s	speaker	Opt Premium Speaker Package			
Power ante	enna	N.A.			
Clock		Digital - Std.			
Air conditio	ner (specify type)	Opt Bi-Level			
Speed wan	ning device	N.A.			
Speed con	trol device	Opt.			
Ignition loc	k lamp	Std.			
Dome lamp		Std.			
	partment lamp	Std.			
Luggage compartment lamp		Std.			
Underhood lamp		Std. Std.			
Courtesy lamp		Std.			
Map lamp		Opt.			
Cornering I					
electrically	<u> </u>	Opt.			
	ow defogger	N.A. N.A.			
T-bar roof					
Sun roof (c		Opt. Locking Steering Column - Std.			
nert prote	ection - type	Locking Gas Cap			
		Inside Hood Release - Std.			
Audible	message center	Opt.			
	door power release	Std.			
	oor locks	Opt.			
Power m		Opt			
	ic trip computer	Opt.			
	power release	Std.			
	·				
					
	-				

MVMA Spe	cifications	Form
Passenger	Car	

Car Line		DO	DGE 600		
Model Year	1983	Issued	6-4-82	Revised (•)	

FEATURE HIGHLIGHTS

(Manufacturers selected list of special vehicle features; indicate if new or model year introduced)

BODY:

- ALL NEW VEHICLE FOR 1983
- NEW THREE-MODE HEATER SYSTEM WITH RAM AIR FEATURE
- NEW CONSOLE WITH STORAGE/CASSETTE BIN
- NEW 50/50 SEAT WITH DUAL ARMRESTS, RECLINERS, CENTER CONSOLETTES AND SEAT BACK POCKETS
- NEW POWER DUAL OUTSIDE REARVIEW MIRRORS
- NEW TETHERED GAS CAP

CHASSIS:

- NEW CHRYSLER CORPORATION 5-SPEED MANUAL TRANSMISSION
- NEW MANUAL TRANSAXLE CABLE SHIFTER SYSTEM

ENGINE:
FLECTRICAL
ELECTRICAL: ■ NEW AUDIBLE MESSAGE CENTER WITH GRAPHIC CLUSTER (ELECTRONIC VOICE ALERT SYSTEM)
OTHER:

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Car Line	DODGE 600					
Model Year 1983	Issued 6-4-82 Revised (•)	12-1-82				

	Vehicle Mass (weight)							
	CUR	B MASS, kg.	(weight, lb.)*	%	PASS. MASS	DISTRIBUT	ION	SHIPPING
Model	Front	Rear	Total		n Front	 	n Rear	MASS, kg. (weight, lb.)**
STANDARD ENGINE MODELS	-			Front	Rear	Front	Rear	(weight, lb.)
2.2 L (135 in.3)					 			
						-		
								· · · · · · · · · · · · · · · · · · ·
600	740	429	1169	51.6	48.4	19.8	80.2	1142
4-Door Sedan	(1632)	(945)	(2577)		ļ	ļ		(2517)
600ES	723	432	1155	51.6	48.4	19.8	80.2	1128
4-Door Sedan	(1593)	(953)	(2546)	31.0	70.7	13.0	00.2	(2486)
	, , , , , , ,	(/	(==,	-				(2400)
								··-
				- - -				
			-	-				
OPTIONAL ENGINE	+			••		-	 :	
2.6 L (155.9 in.³)								
						<u> </u>		-
600	700		1100					
600 4-DOOR SEDAN	768 (1694)	422 (930)	1190 (2624)	51.6	48.4	19.8	80.2	1163
4-DOON GEDAIN	(1094)	(930)	(2024)		· ·			(2564)
600ES	772	426	1198	51.6	48.4	19.8	80.2	1171
4-DOOR SEDAN	(1702)	(939)	(2641)	1	1 1 1 1 1		00.2	(2581)
			, , , , , , , , , , , , , , , , , , , ,		********			i i
		[
	WITH F	FULL QUA	F A VEHICLE N NTITIES OF G JRB WEIGHT, NE	AS, OIL A	ND WATE	R.	г	
	-							
			<u> </u>	 				
								
								
				ļ				
							-	
	-							
	<u> </u>			 		· -		
	<u> </u>			 	-			
* Reference - SAE J1100a, Motor vehicle dimension	ons, curb weig	t definition.	<u></u>		<u></u>		ļl	

MVMA-C-83

Car Line		DO	DGE 600		
Model Year	1983	Issued	6-4-82	Revised (*)	12-1-82

		Option	nal Equip	ment Differential Mass (weight)*
F	M	ASS, kg. (weig	iht, lb.)	Remarks
Equipment	Front	Rear	Total	Tiginario
Trunk Dress Up	0	1.8	1.8	
	0	(4)	(4)	
500 Amp Battery	5.4	4	5	
	(12)	(-1)	(11)	
Power Remote Mirror	.4	.4	.8	
	(1)	(1)	(2)	
Air Conditioning	29.9	-2.8	27.1	2.2 L Engine
	(66)	(-6)	(60)	
	27.3	-1.8	25.5	2.6 L Engine
	(60)	(-4)	(56)	
			-	
Undercoating	1.4	1.8	3.2	
_	(3)	(4)	(7)	
Power Bench Seat	5	4.1	9.1	
	(11)	(9)	(20)	
			·	
Power Windows	3.6	3.2	6.8	
	(8)	(7)	(15)	
Power Door Locks	1.4	1.8	3.2	
	(3)	(4)	(7)	
Radio AM-FM-MX Cassette	1.4	2.2	3.6	
	(3)	(5)	(8)	
Premium Speakers ETR	.4	.4	.8	
	(1)	(1)	(2)	
	-	<u> </u>		
Firm Feel Suspension	1.4	4.1	5.5	Std. on 600ES
	(3)	(9)	(12)	
	··			
Conventional Spare	-3.6	10.4	6.8	
•	(-8)	(23)	(15)	
Wire Wheel Covers	2.7	2.7	5.4	
	(6)	(6)	(12)	
		1 1		
Automatic Speed Control	1.8	0	1.8	
- Control of the cont	(4)	(0)	(4)	
	- `	 	· · · · · ·	
Power Bucket Seat Lt.	4.1	3.2	7.3	
TOWER BUCKET OCAT EL.	(9)	(7)	(16)	
Automatic Transmission	17.3	-1.4	15.9	vs. 5-Spd. Manual
	(38)	(-3)	(35)	

^{*} Also see Engine - General Section for dressed engine mass (weight)

METRIC (U.S. Customary)

Body Type

Car and Body Dimensions See Key Sheets for definitions

SAE

Ref.

 Car Line
 DODGE 600

 Model Year
 1983
 Issued
 6-4-82
 Revised (*)
 12-1-82

41

325 (12.8)

345 (13.6)

374 (14.7)

386 (15.2) 16.2°

13.1°

17.0° (a)

N.A.

119 (4.7)

Front Suspension Crossmember

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line. SAE Ref. no. refers to the definition published in SAE Recommended Practice.

J1100a "Motor Vehicle Dimensions," unless otherwise specified.

	No.	
Width		
Tread (front)	W101	1464 (57.6)
Tread (rear)	W102	1448 (57.0)
Vehicle width	W103	1794 (68.3)
Body width at Sg RP (front)	W117	1728 (68.0)
Vehicle width (front doors open)	W120	3431 (135.1)
Vehicle width (rear doors open)	W121	3189 (125.5)
Length		
Wheelbase	L101	2624 (103.3)
Vehicle length	L103	4754 (187.2) (a)
Overhang (front)	L104	1044 (41.1) (a)
Overhang (rear)	L105	1093 (43.0) (a)
Upper structure length	L123	2728 (107.4)
Rear wheel C/L "X" coordinate	L127	2704 (106.5)
Cowl point "X" coordinate	L125	488 (19.2)
Height*	DD1 0 0	2-Front, 3-Rear
Passenger distribution (frt./rear)	PD1,2,3	None
Trunk/cargo load Vehicle height	H101	1346 (52.9)
	H114	971 (38.2)
Cowl point to ground Deck point to ground	H138	974 (38.3)
		3/4 t30.3J
		
Rocker panel - front to ground	H112	252 (9.9)
Rocker panel - front to ground Bottom of door closed - front to grd.	H112 H133	252 (9.9) 285 (11.2)
Rocker panel - front to ground	H112	252 (9.9)

All linear dimensions are in millimeters (inches) and all mass (weight) specifications are in kilograms (pounds).

H102

H104

H103

H105

H106

H107

H147

H153

H156

(a) Includes guards

Front bumper to ground Rear bumper to ground

Bumper to ground [front at curb mass)wt.)]

Bumper to ground [rear at curb mass (wt.)]

Angle of approach

Angle of departure

Ramp breakover angle

Rear axle differential to ground

Min. running ground clearance

Location of min. run. grd. clear.

^{*} All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified. Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

W4

W6

H51

Padu Tura	SAE Ref.	41					
Body Type	No.	Center Arm Rest Bench Seat	Hi-Back Bucket Seat				
Front Compartment							
Sg RP front, "X" coordinate	L31	1405 (55.3)					
Effective head room	H61	982 (38	3.7)				
Max. eff. leg room (accelerator)	L34	1072 (4	1072 (42.2)				
Sg RP (front to heel)	H30	264 (10	264 (10.4)				
Design H-point front travel	L17	171 (6	.7)				
Shoulder room	W3	1414 (55.7)					
Hip room	W5	1343 (52.9)					
Upper body opening to ground	H50	1222 (48.1)					
Steering wheel angle	H18	26°					
Back angle	L40	24°					
Rear Compartment Sg RP Point couple distance	L50	832 (32	2.81				
Effective head room	H63	950 (37					
Min. effective leg room	L51	932 (36.7)	954 (37.5)				
Sg RP (second to heel)	H31	284 (11					
Knee clearance	L48	43 (1.7) 51 (2.0)					
Compartment room	L3	690 (27.2) 695 (27.4)					
`	-						

Luggage Compartment

Upper body opening to ground

Shoulder room

Hip room

Luggage Compartment		
Usable luggage capacity [L (cu. ft.)]	V1	484 (17.1) Est.
Liftover height	H195	738 (39.1)

1425 (56.1)

1360 (53.5)

1213.8 (47.8)

All linear dimensions are in millimeters (inches).

Car Line	DODGE 600				
Model Year	1983	Issued _	6-4-82	Revised (*)	

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

A printed or computer tape supplement containing additional car and body dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

All dimensions are in millimeters (inches).

MVMA Specifications For	m Car Line		DODGE 600		
Passenger Car	Model Year	1983	Issued6-4-82	Revised (*)	
METRIC (U.S. Customary)					_
Car and Body Dimensions See Key St	heets for definitions				
Body Type Vehicle Fiducial Marks					
Fiducial Mark Number*	Define Coon	dinate Loc	ation		

The center of gauge holes located in the front longitudinal approximately 836 mm (32.9 inches) from the centerline of front wheels. Front

The center of gauge holes located in the rear longitudinal approximately 3211 mm (126.4 inches) from the centerline of front wheels. Rear Fiducial Mark Number W21 433.5 (17.1) L54 925 (36.4) H81 -9 (-.35) bottom surface of longitudinal Front H161 H163 W22 527.6 (20.8) 3300 (129.9) L55 H82 236 (9.3) bottom surface of longitudinal Rear H162 H164

^{*} Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks - September, 1973. All linear dimensions are in millimeters (inches).

Car Line	DODGE 600			
Model Year	1983	Issued _	6-4-82	Revised (*)

METRIC (U.S. Customary)

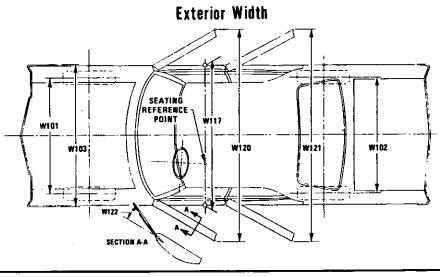
Car and Body Dimensions See Key Sheets for definitions

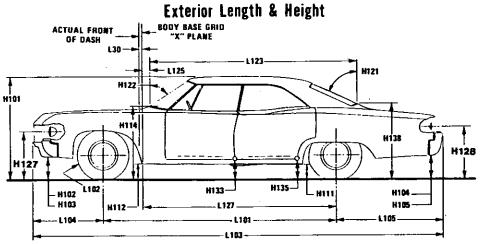
Body Type		Ref. No.	41		
Glass					
Backlight slop a	ngle (deg.)	H121	53.5		
Windshield slope	e angle (deg.)	H122	53°		
Tumble-Home (deg.)		W122	26°		
Windshield glass exposed surface area [cm²(in.²)]		S1	8069 (1251)		
Side glass exposed surface area [cm²(in.²)]		S2	10395 (1612)		
Backlight glass surface area [cn	exposed n²(in.²)]	S3	5603 (869)		
Total glass expo area [cm²(in.²)]	sed surface	S4	24067 (3732)		
Windshield glass	(type)		Laminated Safety Glass		
Side glass (type)			Heat Treated Safety Glass		
Backlight glass (type)			Heat Treated Safety Glass		
Lamps and	l Headlamp Si	hape*			
<u> </u>	Headlamp (H127)	Highest			
		Lowest	660 (26.0)		
Height above	Taillamp (H128)	Highest**	579 (22.8)		
ground to center of bulb or marker		Lowest			
	Sidemarker	Front	503 (19.8)		
		Rear	452 (17.8)		
	Headlamp	Inside	450 (17.7)		
		Outside**	638 (25.1)		
Distance from		Inside			
C/L of car to center of bulb	Taillamp	Outside**	653 (25.7)		
		Front	637 (25.1)		
	Directional	Rear	653 (25.7)		
Headiamp shape	· · · · · · · · · · · · · · · · · · ·		Rectangular		

^{*}Measured at curb mass (weight).
**If single lamps are used enter here.

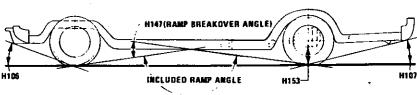
METRIC (U.S. Customary)

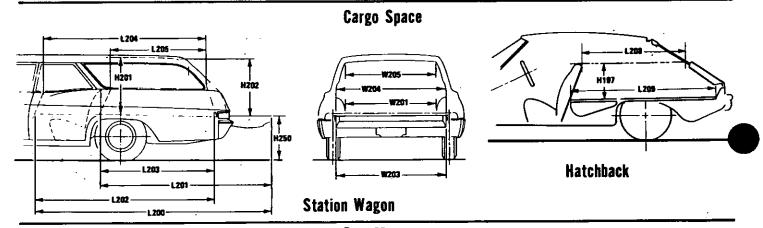
Exterior Car And Body Dimensions — Key Sheet





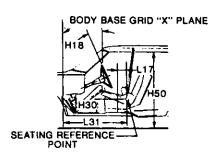


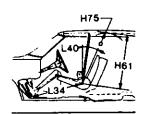




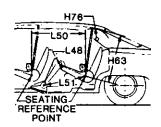
Interior Car And Body Dimensions — Key Sheet

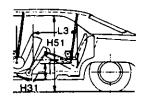
Front Compartment



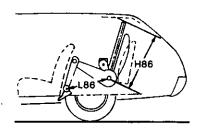


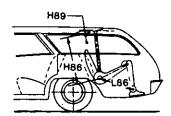
Rear Compartment

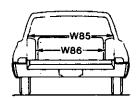




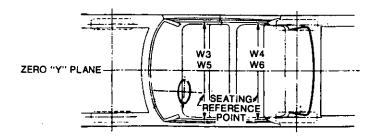
Third Seat







Interior Width



METRIC (U.S. Customary)

Exterior Car And Body Dimensions — Key Sheet Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which —

(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;

(b) Has coordinates established relative to the design vehicle structure;

(c) Simulates the position of the pivot center of the human torso and thigh; and

(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

Width Dimensions

- W101 TREAD—FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD—REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SgRP—FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH—FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.
- W121 VEHICLE WIDTH—REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.
- W122 TUMBLE HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.

 CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door

Length Dimensions

- L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane
- the zero "X" plane.

 L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L102 TIRE SIZE. As specified by the manufacturer.

glass at the front SgRP "X" plane.

- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L104 OVERHANG—FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

- L105 OVERHANG—REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.
- L125 COWL POINT "X" COORDINATE.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H112 ROCKER PANEL—FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
- H132 BOTTOM OF DOOR OPEN—FRONT TO GROUND.
 The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.
- H111 ROCKER PANEL—REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.
- H134 BOTTOM OF DOOR OPEN—REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the tock pillar side, in maximum hold-open position, to ground.
- H135 BOTTOM OF DOOR CLOSED—REAR TO GROUND.
 The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.
- H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.
- WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield are running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H127 HEADLAMP TO GROUND—CURB MASS (WT.). The dimensional measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND—CURB MASS (WT.). The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.



METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

Dimen	sions Definitions
H103	FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.
H104	REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.
H105	REAR BUMPER TO GROUND—CURB MASS (WT.). Measured in the same manner as H104.
H106	ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
H107	ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground: The limiting component shall be designated.
H147	REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
H153	REAR AXLE DIFFERENTIAL TO GROUND. The

cle to ground. Specify location. Front Compartment Dimensions

H156

differential to ground.

PD1	PASSENGER DISTRIBUTION—FRONT.
L31	SgRP-FRONT "X" COORDINATED.
H61	EFFECTIVE HEAD ROOM—FRONT. The dimension
	measured along a line 8 deg. rear of vertical from the
	SgRP—front to the headlining plus 102 mm (4.0 in.).
H75	EFFECTIVE T-POINT HEAD ROOM-FRONT. The
	minimum radius from the T-point to the headlining
	nlus 762 mm (30 in)

minimum dimension measured from the rear axle

MINIMUM RUNNING GROUND CLEARANCE. The

minimum dimension measured from the sprung vehi-

	plus 762 mm (30 in.).
L34	MAXIMUM EFFECTIVE LEG ROOM-ACCELERA-
	TOR. The dimension measured along a line from the
	ankle pivot center to the SgRP-front plus 254 mm
	(10.0 in.) measured with right foot on the un-
	depressed accelerator pedal. For vehicles with SgRP
	to heel (H30) greater than 18 in, the accelerator
	pedal may be depressed as specified by the
	manufacturer. If the accelerator is depressed, the
	manufacturer shall place foot flat on pedal and note
	the depression of the pedal

H30	SgRP-FRONT TO HEEL. The dimension measured
	vertically from the SgRP-front to the accelerator
	heel point.

L17	DESIGN H-POINT-FRONT TRAVEL. The dimension
	measured horizontally between the design H-point— front in the foremost and rearmost seat trace posi-
	tions.

W3	SHOULDER ROOM-FRONT. The minimum dimen-
	sion measured laterally between the trimmed sur-
	faces on the "X" plane through the SgRP-front with-
	in the belt line and 254 mm (10.0 in.) above the
	SaRP—front.

W5	HIP ROOM-FRONT. The minimum dimension
	measured laterally between the trimmed surfaces or
	the "X" plane through the SgRP—front within 25 mm
	(1.0 in.) below and 76 mm (3.0 in.) above the SgRP-
•	front and 76 mm (3.0 in.) fore and aft the SgRP-front

H150 UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.

H18 STEERING WHEEL ANGLE. The angle measurements	STEERING WHEEL ANGLE. The angle measured from
	a vertical to the surface plane of the steering wheel.

	a remediate in the carrage plants of the etcoring infect.
L40	BACK ANGLE-FRONT. The angle measured bet-
	ween a vertical line through the SgRP-front and the
	torso line. If the seatback is adjustable, use the nor-
	mal driving and riding position specified by the
	manufacturer

Rear Compartment Dimensions

PD2 L50	PASSENGER DISTRIBUTION—SECOND. SqRP COUBLE DISTANCE. The dimension measured						
	horizontally	from	the	driver	SgRP-front	to	the

SgRP—second.

H63 EFFECTIVE HEAD ROOM—SECOND. The dimension measured along a line 8 deg. rear of vertical from the

SgRP to the headlining, plus 102 mm (4.0 in.).

H76 EFFECTIVE T-POINT HEAD ROOM—SECOND.

Measured in the same manner as H75.

L51 MINIMUM EFFECTIVE LEG ROOM—SECOND. The dimension measured along a line from the ankle pivot center to the SgRP—second plus 254 mm (10.0 in.).

H31 SgRP—SECOND TO HEEL. The dimension measured vertically from the SgRP—second to the two dimensional device heel point on the depressed floor covering

L48 KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).

L3 COMPARTMENT ROOM—SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.

W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.

W6 HIP ROOM—SECOND. Measured in the same manner as W5.

H51 UPPER BODY OPENING TO GROUND—SECOND.

The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP—second.

Luggage Compartment Dimensions

V1 USABLE LUGGAGE CAPACITY—Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Station Wagon - Third Seat Dimensions

PD3	PASSENGER DIRECTION—THIRD.
W85	SHOULDER ROOM—THIRD Measured in

W85 SHOULDER ROOM—THIRD. Measured in the same manner as W5.

W86 HIP ROOM— THIRD. Measured in the same manner as W5.

L86 EFFECTIVE LEG ROOM—THIRD. The dimension measured along a line from the ankle pivot center to the SqRP—third plus 254 mm (10.0 in.).

H86 EFFECTIVE HEAD ROOM—THIRD. The dimension, measured along a line 8 deg. from the SgRP—third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H89 EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

Station Wagon — Cargo Space Dimensions					
L200	CARGO LENGTH-OPEN-FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the term "Y" clans				

door type tailgate, at the zero "Y" plane.

L201 CARGO LENGTH—OPEN—SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH—CLOSED—FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 CARGO LENGTH-CLOSED-SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed taitgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 CARGO LENGTH AT BELT—FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the dab back panel at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT—SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

W201 CARGO WIDTH—WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND (CURB MASS WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

V2 ŠTATION WAGON Measured in inches:

 $\frac{\text{W4 x H201 x L204}}{\text{max}} = \text{ft 3}$

1728 = ft.3

Measured in mm:

 $\frac{\text{W4 x H201 x L204}}{10^9} = \text{m}^3 \text{(cubic meter)}$

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

Hatchback - Cargo Space Dimensions

All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electrically adjusted seats, see the manufacturer's specifications for Design "H" Point).

FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT.
The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR—FRONT—
HATCHBACK. The minimum horizontal dimension
measured at floor level from the rear of the front seatback to the normal limiting interference of the
hatchback door on the vehicle zero "Y" plane.

V3 HATCHBACK.
Measured in inches:

$$\frac{\text{L208} + \text{L209}}{2} \times \text{W4} \times \text{H197}}{2} = \text{ft.}^{3}$$

Measured in mm:

$$\frac{\frac{\text{L208} + \text{L209}}{2} \times \text{W4} \times \text{H197}}{10^9} = \text{m}^3 \text{(cubic meter)}$$

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ctrical System	8.9	Suspension - Front & Rear	
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ine		Theft Protection.	
ore, Stroke, Type		Thermostat, Cooling	
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ring Order, Cylinder Numbering			
		Torque Converter.	• • • • • • • • • • • • • • • • • • • •
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