MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

Passenger Car

1987

Manufacturer	Car Line	
CHRYSLER MOTORS	DODGE 600	
Mailing Address		
DETROIT, MICHIGAN 48288	Issued JUNE 20, 1986	Revised

Questions concerning these specifications should be directed to the manufacturer whose address is shown above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. This specification form was developed by the automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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:

1. This form uses both SI 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.
4. Additional Car and Body Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

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Car Models

Model Description & Drive (FWD/RWD)	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-**FWD**	SEPT. 1986	EM41	6(3/3)	52(115)
600 SE				
4-Door Sedan-**FWD**	SEPT. 1986	EH41	6(3/3)	52(115)

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Power Teams (Indicate whether standard or optional)
SAE J1349 Net bhp (brake horsepower) and net torque corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

SERIES AVAILABILITY	ENGINE					Exhaust S/D	TRANSMISSION TRANSAXLE	AXLE RATIO (std. first)
	Displ. Liters (in.³)	Carb. (Barrel, FI, etc.)	Compr. Ratio	SAE Net at RPM kW (bhp)	SAE Net at RPM Torque N-m (lb. ft.)			
STD.	2.2L (135) EDF	EFI	9.5	72 (97) @ 5200	165 (122) @ 3200	S	AUTOMATIC	3.02
OPT.	2.2L (135) EDG	EFI Turbo	8.1	109 (146) @ 5200	230 (170) @ 3600	S	AUTOMATIC	3.02
OPT.	2.5L (153) EDM	EFI	9.0	75 (100) @ 4800	180 (133) @ 2800	S	AUTOMATIC	3.02

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Engine description/Carb. Engine Code	2.2L (135.0 in³) EFI, EDF	2.2L (135.0 in³) EFI Turbo, EDG

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc,dohc, ohv, hemi, wedge, pre-chamber, etc.		Four-cylinder, in-line, SOHC, canted, front, transverse	
Manufacturer		Chrysler	
No. of Cylinders		Four	
Bore		87.5 (3.44)	
Stroke (C/L to C/L)		92.0 (3.62)	
Bore spacing (C/L to C/L)		96.0 (3.78)	
Cylinder block mat'l. & mass kg (lbs.) (machined)		Cast Iron 35.79 (78.9)	Cast Iron 35.46 (78.2)
Cylinder block deck height		237.8 (9.36)	
Cylinder block length		418 (16.46)	
Deck clearance (minimum) (above or below block)		0.00	
Cylinder head material & mass kg (lbs.)		Aluminum 9.71 (21.4)	
Cylinder head volume (cm³)		48.5 -51.5	
Cylinder liner material		n.a.	
Head gasket thickness (compressed)		1.78 (.070)	
Minimum combustion chamber total volume (cm³)		Clearance volume: 65.31	Clearance Volume: 73.815
Cyl. no. system (front to rear)*	L. Bank	Right to left as installed in car 1, 2, 3, 4	
	R. Bank	--	
Firing order		1, 3, 4, 2	
Intake manifold matl. & mass [kg(lbs.)]**		Aluminum 2.62 (5.8)	Aluminum 2.13 (4.7)
Exhaust manifold matl. & mass [kg(lbs..)]**		Cast iron 6.23 (13.7)	Cast iron 4.26 (9.4)
Recommended fuel (leaded, unleaded, diesel)		Regular unleaded	Super or premium unleaded
Fuel antiknock index $\frac{R+M}{2}$		87 octane or higher	91 octane or higher (recommended) 87 octane or higher (acceptable)
Total dressed engine mass (wt) dry***		128.64 (283.6)	135.44 (298.6)

Engine - Pistons

Material & mass, g (weight, oz.) piston only	Aluminum	
	440 (15.7)	443 (15.2)

Engine - Camshaft

Location		Overhead	
Material & mass kg (weight, lbs.)		Hardenable cast iron	
		2.92 (6.4)	2.95 (6.5)
Drive type	Chain/belt	Belt	
	Width/pitch	Width: 24.7 (0.972); Pitch: 9.52 (0.375)	

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

**Finished state

***Dressed engine mass (weight) includes the folowing: starter, alternator, manifolds, water pump, engine-mounted emission controls, drive belts, oil filter, right engine mount, and throttle controls as required

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Engine description/Carb.	**2.5L (153.0 in³)**
Engine Code	**EFI, EDM**

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc,dohc, ohv, hemi, wedge, pre-chamber, etc.		Four-cylinder, in-line, SOHC, canted, front, transverse
Manufacturer		Chrysler
No. of Cylinders		Four
Bore		87.5 (3.44)
Stroke (C/L to C/L)		92.0 (3.62)
Bore spacing (C/L to C/L)		96.0 (3.78)
Cylinder block ma'l. & mass kg (lbs.) (machined)		Cast Iron 39.42 (86.9)
Cylinder block deck height		249.8 (9.83)
Cylinder block length		418 (16.46)
Deck clearance (minimum) (above or below block)		.0.00
Cylinder head material & mass kg (lbs.)		Aluminum 9.71 (21.4)
Cylinder head volume (cm³)		48.5-51.5
Cylinder liner material		n.a.
Head gasket thickness (compressed)		1.78 (.070)
Minimum combustion chamber total volume (cm³)		Clearance Volume: 73.815
Cyl. no. system (front to rear)*	L. Bank	Right to left as installed in car 1, 2, 3, 4
	R. Bank	--
Firing order		1, 3, 4, 2
Intake manifold matl. & mass [kg(lbs.)]**		Aluminum 2.61 (5.8)
Exhaust manifold matl. & mass [kg(lbs.)]**		Cast iron 6.23 (13.7)
Recommended fuel (leaded, unleaded, diesel)		Regular unleaded
Fuel antiknock index $\frac{R + M}{2}$		87 octane or higher
Total dressed engine mass (wt) dry***		140.57 (309.9)

Engine - Pistons

Material & mass, g (weight, oz.) piston only	Aluminum 430 (15.1)

Engine - Camshaft

Location		Overhead
Material & mass kg (weight, lbs.)		Hardenable cast iron 2.92 (6.4)
Drive type	Chain/belt	Belt
	Width/pitch	Width: 23.8 (0.937); Pitch: 9.52 (0.375)

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

**Finished state

***Dressed engine mass (weight) includes the folowing: starter, alternator, manifolds, water pump, engine-mounted emission controls, drive belts, oil filter, right engine mount, and throttle controls as required

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Cae and Body Dimensions

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Engine description/Carb. Engine Code		**2.2L (135.0 in.3) EFI, EDF ,EFI Turbo, EDG**	**2.5L (153.0 in.3) EFI, EDM**
Engine - Valve System			
Hydraulic lifters (std., opt., n.a.)		Std.	
Valves	Number intake/exhaust	4/4	
	Head O.D. intake/exhaust	40.6 mm. / 35.4 mm.	
Engine - Connecting Rods			
Material & Mass [kg., (weight lbs.)]		Forged steel (0.63 (1.4)	Forged steel 0.67 (1.5)
Engine - Crankshaft			
Material & Mass [kg., (weight lbs.)]		Nodular iron 15.19 (33.5)	Forged steel 16.52 (36.4)
End thrust taken by bearing (no.)		Three	
Number of main bearings		Five	
Seal (material, one, two piece design, etc.)	Front	One piece	
	Rear	One piece	
Engine - Lubrication System			
Normal oil pressure [kPa (psi) at eng. rpm]		25 - 80 psi @ 3000	
Type of intake (floating, stationary)		Stationary	
Oil filter system (full flow, part, other)		Full flow	
Capacity of c/case, less filter-refill-L (qt.)		3.8 (4)	
Engine - Diesel Information			
Diesel engine manufacturer			
Glow plug, current drain at 0° F			
Injector nozzle	Type		
	Opening pres.[kPa (psi)]		
Pre-chamber design			
Fuel inj. pump	Manufacturer		
	Type		
Fuel inj. pump drive (belt, chain, gear)			
Supplementary vacuum source (type)			
Fuel heater (yes/no)			
Water separator description (std., opt.)			
Turbo manufacturer			
Oil cooler type (oil to engine coolant; oil to ambient air)			
Oil filter			
Engine - Intake System			
Turbo - charger - Manufacturer		Garrett	N.A.
Super - charger - manufacturer		N.A.	
Charge cooler		N.A.	

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Engine Code	W/O AC	W/AC	W/O AC	W/AC

Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard		
Coolant fill location (rad., bottle))		Bottle		
Radiator cap relief valve pressure [kPa (psi)]		96-124 (14-18)		
Circulation thermostat	Type (choke, bypass)	Choke,Pellet Operated		
	Starts to open at °C(°F)	90.6 (195)		
Water Pump	Type (centrifugal, other)	Centrifugal		
	GPM 1000 pump RPM	-		
	Number of pumps	One		
	Drive (V-belt, other)	Multi-Groove Belt		
	Bearing type	Integral Ball Bearing		
	Impeller material	Steel		
	Housing material	Cast Aluminum		
By-pass recirculation [type (inter., ext.)]		external		
Cooling System Capacity	With heater - L(qt.)	8.5 (9.0)		
	With air cond. - L(qt.)	8.5 (9.0)		
	Opt. equip. [specify - L(qt.)]	--		
Water jackets full length of cyl. (yes, no)		Yes		
Water all around cylinder (yes, no)		No		
Water jackets open at head face (yes, no)				
Radiator Core	Std., A/C, HD			
	Type (cross-flow, etc.)	Cross-Flow		
	Construction (fin&tube, mechanical, braze, etc.)	Tube & Fin Spacer, Soldered, 1 Row		
	Material, mass[kg(wt., lbs.)] (a)	4.63 (10.2)) (b)	Copper-brass, 5.03 (11.1)	
	Width	533.4 (21.0)		
	Height	387.6 (15.26)		
	Thickness	17.8 (0.7)		
	Fins per inch	13	20	
Radiator end tank material		Nylon 66		
Fan	Std., elec., opt.	Electric		
	Number of blades & type (flex, solid, material)	2-Blade Metal		5-Blade Metal
	Diameter & projected width	315(12.4)/33(1.3)	360 (14.2) / 46 (1.8)	356(14)/42(1.65)
	Ratio (fan to crankshaft rev.)	-		
	Fan cutout type	Electric Motor		
	Drive type (direct, remote)	-		
	RPM at idle (elec.)	1815	1790	1455
	Motor rating (wattage) (elec.)	65	130	160
	Motor switch (type & loc.)(elec.)	Thermistor, Water Box & A/C		
	Switch point (temp., press.) (elec.)	99 °C (210° F) (Low Speed); 110 °C (230° F) (High Speed)		
	Fan shroud (material)	Metal		

(a) Mass (weight) shown is for assembly as purchased.
(b) Copper-brass

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Engine - Fuel System

(See supplemental page for details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: carb., fuel inj. sys., etc.			electronic fuel injection	
Carburetor	Mfr.		Bosch or Holly	Bosch
	Choke (type)		none	none
	Idle spd. rpm (spec. neutral or drive and propane if used)	Manual		
		Automatic	700	800
Idle A/F mix				
Fuel Injection	Point of injection (no.)		throttle body (1)	port injection (4)
	Constant,pulse, flow		pulse	
	Control (electronic, mech.)		electronic	
	System pressure [kPa (psi)]		100 (14.5)	379.6 (55.1) ± manifold vacuum
Intake manifold heat control (exhaust or water thermostatic or fixed)			water	none
Air cleaner type	Standard		oil-wetted paper element	
	optional		--	
Fuel pump	Type (elec. or mech.)		electric	
	Location (eng., tank)		in fuel tank	in fuel tank
	Pressure range [kPa (psi)]		116-262 @ 12V & 15 PSI (a)	184-352 @ 12v & 55 PSI (a)

Fuel Tank

Capacity [refill L (gallons)]		53 (14.0)	
Location (describe)		forward of axle	
Attachment		Galv. or terne plated strap to floor	
Material & mass [kg (weight lbs.)]		terne plated steel 9.34(20.6)	terne plated steel 10.16 (22.4)
Filler pipe	Location & material	external, right rear quarter panel; lead dipped steel	
	Connection to tank	rubber grommet	
Fuel line (material)		duplex-coated steel	
Fuel hose (material)		fuel resistant rubber	
Return line (material)		duplex-coated steel	
Vapor line (material)		terne plated steel	
Extended range tank	Opt., n. a.		
	Capacity [L (gallons)]		
	Location & material		
	Attachment		
Auxiliary tank	Opt., n. a.		
	Capacity [L (gallons)]		
	Location & material		
	Attachment		
	Selector switch or valve		
	Separate fill		

(a) Flow range (lbs./hr.) @ nominal regulated pressure

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Vehicle Emission Control

	Type (air injection, eng. modifications)		(a)	(b)
Exhaust Emission Control	Air injection	Pump or pulse	pulse	none
		Driven by	exhaust pressure	--
		Air distribution (head, manifold, etc.)	single point	--
		Point of entry	exhaust manifold collector	--
	Exhaust Gas Recirc-ulation	Type (controlled flow, open oriface, other)	controlled flow	
		Exhaust source	manifold collector	
		Point of exhaust inj. (spacer, carb., manif., etc.)	intake manifold	
	Catalytic Converter	Type	3 - Way + oxidation	3 - Way
		Number of	one	
		Location(s)	below exhaust manifold	under floor
		Volume [L9in.3)]	1.23(75) 3WC + 0.74(45)ox.	1.80 (110) 3WC
		Substrate type	monolithic	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		closed induction system	
	Energy source (manifold, vacuum, carburetor, other)		manifold vacuum	
	Discharges (to intake manif.,other)		intake manifold	
	Air inlet (breather cap, other)		air cleaner	
Evapora-tive emis-sion control	Vapor vented to (crank-case, canister, other)	Fuel tank	canister	
		Carburetor	--	
	Vapor storage position		canister	
Electronic system	Closed loop (yes/no)		yes - hot engine	
	Open loop (yes/no)		yes - cold engine	

Engine - Exhaust System

Type (single, single with cross-over, dual, other)			single w/120 in3 conv.&air inj.	single w/110 in3 converter
Muffler no. & type (reverse flow, straight through separate resonator) Material & mass [kg. (weight lbs.)]]			one reverse flow	
			stainless steel 4.90(10.8)	stainless steel 6.21 (13.7)
Resonator no. & type			(c) none	none
Exhaust pipe	Branch o. d., wall thickness		50.8 x 1.4 (2.00 x 0.055)	57/63.5 x 1.4(2.2/2.5x0.055)
	Main o. d. ,wall thickness		47.8 x 1.4(1.88 x 0.055)	63.5 x 1.4(2.50 x 0.055)
	Material & mass [kg. (weight lbs.)]		(d)(e) (d)(f)	stainless steel 1.23(2.7)
Intermed-iate pipe	o. d., & wall thickness		47.8 x 1.4(1.88 x 0.047)	57/50.8x1.4(2.2/2.0x0.055)
	Material & mass [kg. (weight lbs.)]		stainless steel 4.64 (10.2)	stainless steel 7.98 (17.6)(g)
Tail pipe	o. d., & wall thickness		47.8 x 1.2 (1.88 x 0.047)	50.8 x 1.1(2.00 x 0.043)
	Material & mass [kg. (weight lbs.)]		stainless steel (see muffler assembly)	

(a) aspirator, exhaust gas recirculation, engine modifications, catalytic converter
(b) exhaust gas recirculation, engine modifications, catalytic converter
(c) one straight through
(d) Stainless steel 5.30 (11.7)
(e) Includes 1.56 kg.(3.44 lbs.) - Federal, 1.69 kg.(3.72 lbs.) - California , substrate and stainless steel mesh
(f) Includes 1.69 kg.(3.72 lbs.) substrate and stainless steel mesh
(g) Includes 1.52 kg.(3.34 lbs.) substrate and stainless steel mesh

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Engine Description/Carb.	**ALL**
Engine Code	

Transmissions/Transaxle

Manual 3-speed (std., opt., n.a.) (mfr.)	N.A.
Manual 4-speed (std., opt., n.a.) (mfr.)	N.A.
Manual 5-speed (std., opt., n.a.) (mfr.)	N.A.
Manual overdrive (std., opt., n.a.) (mfr.)	N.A.
Automatic (std., opt., n.a.) (mfr.)	standard (CHRYSLER)
Automatic overdrive (std., opt., n.a.) (mfr)	N.A.

Manual Transmissions/Transaxle

Number of forward speeds			--
Transmission ratios	In first		--
	In second		--
	In third		--
	In fourth		--
	In fifth		--
	In overdrive		--
	In reverse		--
Synchronous meshing (specify gears)			--
Shift lever location			--
Lubricant	Capacity [L(pt.)]		--
	Type recommended		--
	SAE viscosity number	Summer	--
		Winter	--
		Extreme cold	--

Clutch (Manual Transmission)

Make, type, engagement (describe) - (hydraulic, cable, rod)		--
Assist (yes, no/percent)		--
Type pressure plate springs		--
Total spring load [N(lb.)]		--
No. of clutch driven discs		--
Clutch facing	Material	--
	Manufacturer	--
	Part Number	--
	Rivets/Plate	--
	Rivet Size	--
	Outside & inside diameter	--
	Total eff. area [cm^2 (in^2)]	--
	Thickness	--
	Engagement cushion method	--
Release Bearing	Type & method of lubrication	--
Torsional Damping	Method: springs, frictional material	----

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Engine Code			

Automatic Transmission/Transaxle

Trade Name		Torqueflite		
Type and special features (describe)		Torque Converter with Automatically Operated Planetary Transmission and Parallel Axis Final Drive		
Selector	Location	Floor Console Mounted		
	Ltr./No. designation	PRND21		
Gear ratios	R	2.10		
	D	2.69, 1.55, 1.00		
	L_3	-		
	L_2	2.69, 1.55		
	L_1	2.69		
Max. upshift speed - drive range [km/h (mph)]		113 (70)	129 (80)	113 (70)
Max. kickdown speed - drive range [km/h (mph)]		105 (65)	119 (74)	105 (65)
Min. overdrive speed [km/h (mph)]		-		
Torque converter	Number of elements	Three		
	Max. ratio at stall	2.00:1		
	Type of cooling (air, liquid)	Liquid		
	Nominal diameter	241 (9.5)		
Lubricant	Capacity [refill L (pt.)]	8.40 (17.75) (a)		
	Type recommended	Mopar ATF Plus (Auto. Trans. Fluid - Type 7176)(b)		
Oil cooler (std., opt., NA, internal, external, air, liquid)		Std., Internal liquid		

Axle or Front Wheel Drive Unit

Type (front, rear)			Front
Description			Transaxle
Limited slip differential (type)			N.A.
Drive pinion offset			-
Drive pinion (type)			Helical
No. of differential pinions			Two
Pinion/differential adjustment (shim, other)			
Pinion/differentialbearing adjustment (shim, other)			Shim
Driving wheel bearing (type)			Double Row Ball
Lubricant	Capacity [L (pt.)]		see transaxle
	Type recommended		see transaxle
	SAE viscosity number	Summer	see transaxle
		Winter	see transaxle
		Extreme cold	see transaxle

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

Axle ratio (or overall top gear ratio)		3.02
No. of teeth	Pinion	21
	Ring gear or gear	60
Ring gear o.d.		187.40 (7.38)
Transaxle	Transfer gear ratio	1.06
	Final drive ratio	2.86

(a) Torque Converter, Transmission, and Differential
(b) Dexron II ATF may be used, only if Mopar ATF is not available.

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Engine Description/Carb.	**2.2L (135.0 in.³) EFI, EDF**	**2.2L (135.0 in.³) EFI Turbo, EDG**
Engine Code		

Axle Shafts - Front Wheel Drive

Number used			Two	
Type (straight, solid bar, tubular, etc.)		Left	Solid bar	
		Right	Tube	Solid bar
Outer diam. x length* x wall thick-ness	Manual transmission	Left	n.a.	
		Right	n.a.	
	Automatic transmission	Left	(a)	(c)
		Right	(b)	(c)
	Optional transmission	Left	-	
		Right	-	
Slip Yoke	Type		-	
	Number of teeth		-	
	Spline o.d.		-	
Universal joints	Make and mfg. no.	Inner	(d)	GKN-Eur: GI72 or Citroen or SSG #19
		Outer	(e)	(f)
	Number useds		Two	
	Type, size, plunge	Inner	Tripode plunge	
		Outer	Rzeppa-fixed	
	Attach (u-bolt, clamp, etc.)		-	
	Bearing: Type (plain, anti-friction)		-	
	Bearing: Lubrication (fitting, prepack)		Prepack	
Drive taken through (torque tube, arms or springs)			-	
Torque taken through (torque tube, arms or springs)			-	

*Centerline to centerline of universal joints, or to centerline of attachment

(a) GKN-US: 24.2 x 333.2 (0.95 x 13.12) or Citroen: 22.9 x 333.3 (0.90 x 13.12) or SSG: 23.9 x 327.5 (0.94 x 12.89) or GKN-Eur 22.9 x 334.5 (0.90 x 13.17)

(b) GKN-Eur: 40.5 x 600.8 x 2.7 (1.59 x 23.65 x 0.10) or GKN-US: 40.5 x 603.3 x 3.72 (1.59 x 23.75 x 0.146) or Citroen: 40 x 598.3 x 3.2 (1.57 x 23.56 x 0.126) or SSG: 38.0 x 591.1 x 5.0 (1.50 x 23.27 x 0.197)

(c) GKN-Eur: 22.9 x 331.4 (0.90 x 13.05) or SSG: 23.8 x 327.5 (0.94 x 12.89) or Citroen: 22.9 x 333.2 (0.90 x 13.12)

(d) GKN-Eur: GI69 or Citroen or GKN-US C-2000 or SSG #19

(e) GKN-Eur: 92 AC or Citroen or GKN-US C-2000 or SSG #23

(f) GKN-Eur: 95AC or Citroen or SSG #23

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised (•) _____

Engine Description/Carb.	**2.5L (153.0 in.3)**
Engine Code	**EFI, EDM**

Axle Shafts - Front Wheel Drive

Number used			Two
Type (straight, solid bar, tubular, etc.)		Left	Solid bar
		Right	Tube
Outer diam. x length* x wall thick-ness	Manual transmission	Left	n.a
		Right	n.a
	Automatic transmission	Left	(a)
		Right	(b)
	Optional transmission	Left	-
		Right	-
Slip Yoke	Type		-
	Number of teeth		-
	Spline o.d.		-
Universal joints	Make and mfg. no.	Inner	GKN-Eur: GI72 or Citroen or SSG #19
		Outer	GKN-Eur: 95 AC or Citroen or SSG #23
	Number useds		Two
	Type, size, plunge	Inner	Tripod plunge
		Outer	Rzeppa-fixed
	Attach (u-bolt, clamp, etc.)		-
	Bearing	Type (plain, anti-friction)	-
		Lubrication (fitting, prepack)	Prepack
Drive taken through (torque tube, arms or springs)			-
Torque taken through (torque tube, arms or springs)			-

*Centerline to centerline of universal joints, or to centerline of attachment

(a) Citroen: 22.9 x 333 (0.90 x 13.1) or GKN-Eur: 22.9 x 331.4 (0.90 x 13.05) or SSG: 23.9 x 327.5 (0.94 x 12.98)

(b) Citroen 40 x 598.3 x 3.2 (1.57 x 23.56 x 0.126) or GKN-Eur: 40.5 x 600.8 x 2.7 (1.59 x 23.65 x 0.106) or SSG: 38.0 x 591.1 x 5.0 (1.50 x 23.27 x 0.197)

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Passenger Car
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Car Line **DODGE 600**
Model Year **1987** Issued **6-20-86** Revised (•) _____

Body Type And/Or Engine Displacement	All		
	Standard (SDA)	Heavy Duty (SDB)	Firm Feel (SDC)

Suspension - General

Car leveling	Std./opt./n.a.	N.A.		
	Type (air, hyd., etc.)	-		
	Manual/auto controlled	-		
Provision for brake dip control		Inclined Control Arm Strut		
Provision for accl. squat control		None		
Provisions for car jacking		Scissors Type Sill Jack Jack Supports Located at Each End of Body Sills		
Shock absorber (front & rear)	Type	Front: Direct-hydraulic Rear: gas-charged-hyd.	Gas-charged-Hydraulic	
	Make	Front: , Delco or Monroe; Rear: Monroe , Maremont or Delco		
	Piston diameter	(a)	Front: 32 (1.26); Rear: 30.2 (1.19),25.4(1.00)	
	Rod diameter	Front: 20 (0.79); Rear: 12.7 (0.50)		

Suspension - Front

Type and description		Iso-Strut		
Drive and torque taken through		Lower control arm		
Travel	Full jounce	68 (2.68)	75 (2.93)	68 (2.68)
	Full rebound	106 (4.12)	99 (3.87)	106 (4.12)
Spring	Type (coil, leaf, other) & mat'l.	Coil; AISI .5160H Chromium Alloy Steel		
	Insulators (type & material)	Compression: Rubber		
	Size (coil design height & i.d. bar length x dia.)	229 x 151 I.D. (9.0 x 6.0 I.D.)		
	Spring rate [N/mm (lb./in.)]	14.9 (85)	21.0 (120)	14.9 (85)
	Rate at wheel [N/mm (lb./in.)]	18.4 (105)	24.5 (140)	18.4 (105)
Stabilizer	Type (link, linkless, frameless)	Linkless		
	Material & bar diameter	AISI 1090 Spring Steel: 25.4 (1.00)		27.0 (1.06)

Suspension - Rear

Type and description		Trailing Flex-arm with track bar		
Drive and torque taken through		Arm		
Travel	Full jounce	127 (5.0)		
	Full rebound	73 (2.9)		
Spring	Type (coil, leaf, other) & mat'l	Coil: AISI 5160H Chromium Alloy Steel		
	Size (length x width, coil design height & i.d., bar length x dia.)	229 x 102 I.D. (9.0 x 4.01 I.D.)		
	Spring rate [N/mm (lb./in.)]	28 (160)	35 (200)	28 (160)
	Rate at wheel [N/mm (lb./in.)]	17.8 (102)	22 (126)	17.8 (102)
	Insulators (type & material)	Compression: Rubber		
	If leaf: No. of leaves	-		
	If leaf: Shackle (comp. or tens.)	-		
Stabilizer	Type (link, linkless, frameless)	Frameless ERW Tube		
	Material & bar diameter	80KSI HSLA Steel: 25.4 (1.0) O.D.		(b)
Track bar (type)		Channel type		

(a) Front:32 (1.26); Rear: 25.4 (1.0)

(b) 80 KSI HSLA Steel: 28.6 (1.13) O.D

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Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised (•)

Body Type And/Or Engine Displacement	41

Brakes - Service

Description				four-wheel hydraulic actuated system
Brake type (std., opt., n.a.)	Front (disc or drum)			disc
	Rear (disc or drum)			drum
Self-adjusting (std., opt., n.a.)				standard
Special valving	Type (proportion, delay, metering, other)			N. A.
Power brake (std., opt., n.a.)				standard
Booster type (remote, integral, vac., hyd., etc.)				vacuum, tandem
Vacuum source (inline, pump, etc.)				intake manifold
Vacuum reservoir (volume in.^{3})				--
Vacuum pump-type (elec, gear driven, belt driven, if other so state)				--
Anti-skid device type (std., opt., n.a.) (F/R)				N. A.
Effective area [cm^2(in.^{2})]* (F/R)				526.88 (1.67)
Gross lining area [cm^2(in.^{2})]** (F/R)				560.96 (86.95)
Swept area[cm^2(in.^{2})]*** (F/R)				1825.30 (282.92)
Rotor	Outer working diameter		F/R	front: 256.2 (10.09)
	Inner working diameter		F/R	front: 158.2 (6.23)
	Thickness		F/R	front: 24.0 (0.945)
	Material & type (vented/solid)		F/R	front: damped cast iron, vented
Drum	Diameter & width		F/R	rear: 220 (8.86) x 44.26 (1.74)
	Type and material		F/R	rear: cast composite
Wheel cylinder bore				front: 54 (2.13); rear: 14.27 (0.562)
Master cylinder	Bore/stroke		F/R	21.0 (0.827)/32.79 (1.291)
Pedal arc ratio				all: 3.28:1
Line pressure at 445 N(100 lb.) pedal load [kPa (psi)]				power: 9854 (1390)
Lining clearance			F/R	no major adjustments
Brake Lining	Front wheel (a)	Bonded or riveted (rivets/seg.)		riveted, 6/shoe
		Rivet size		4.65 (0.18) dia. x 7.5 (0.3)
		Manufacturer		Bendix
		Lining code *****		BX-JD-EE
		Material		molded metallic
		****	Primary or out-board	4970 x 11.08 (7.70 x 0.436)
		Size	Secondary or in-board	4970 x 11.08 (7.70 x 0.436)
		Shoe thickness (no lining)		5.33 (0.210)
	Rear wheel	Bonded or riveted (rivets/seg.)		riveted, 10/shoe
		Manufacturer		Bendix
		Lining code *****		--
		Material		rolled asbestos
		****	Primary or out-board	226.35 x 40.0 x 6.65 (8.91 x 1.575 x 0.262)
		Size	Secondary or in-board	226.35 x 40.0 x 6.65 (8.91 x 1.575 x 0.262)
		Shoe thickness (no lining)		2.17 (0.0854)

* Excludes rivet holes, grooves, chamfers, etc.
** Includes rivet holes, grooves, chamfers, etc.
*** Total swept area for 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 width x thickness.
***** Manufacturer I.D., catalog or formulation designation and coefficient of friction classification.

(a) area x thickness

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Body Type And/Or Displacement	ALL

Tires and Wheels (Standard)

Tires	Size (load range)		P185/70 R 14, SL
	Type (bias, radial, etc.)		Steel Radial
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	220 (32)
		Rear [kPa (psi)]	220 (32)
	Rev./mile - at 70 km/h (45 mph)		862
Wheels	Type & material		Disc Steel
	Rim (size & flange type)		14 x 5.5 JJ
	Wheel offset		40 (1.6)
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	100 (3.94)
		Number & size	5-M 12 x 1.5mm
Spare	Tire and wheel (same, if other describe)		T115/70 D14 Compact Spare on 14 x 4.0 T steel disc wheel
	Storage position & location (describe)		Vertical, Back of Rear Seat, Passenger Side

Tires and Wheels (Optional)

Size (load range)	
Type (bias, radial, etc.)	
Wheel (type & material)	Cast Aluminum
Rim (size, flange type and offset)	14 x 5.5 JJ--offset 40 mm (1.6 in.)
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias, radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	Same as road tire Stored horizontally on rear floor pan, below cargo floor

Brakes - Parking

Type of control		Foot Operated Pedal, Hand Release Lever
Location of control		Lower 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)	-

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Car Line DODGE 600
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Body Type And/Or Engine Displacement	Standard Suspension	European Handling Suspension

SteeringManual (std., opt., n.a.)

Manual (std., opt., n.a.)					not available	
Power (std., opt., n.a.)					standard	
Adjustable steering wheel (tilt, swing, other)		Type and description			tilt	
		(Std., opt., n.a.)			optional	
Wheel diameter (W9) SAE J1100		Manual			--	
		Power			381 (15)	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)			11.9 (39.1)	
		Curb to curb (l. & r.)			11.0 (36.2)	
	Inside rear	Wall to wall (l. & r.)			6.3 (20.7)	
		Curb to curb (l. & r.)			6.4 (20.9)	
Scrub Radius*					-9 (-0.35)	
Manual	Gear	Type				
		Make				
		Ratios	Gear			
			Overall			
	No. wheel turns (stop to stop)					
Power	Type (coaxial, linkage, etc.)				integral power unit	
	Make				TRW	
	Gear	Type			rack and pinion with integral power unit	
		Ratios	Gear		--	
			Overall		18.3:1	14.2:1
	Pump (drive)				pulley and belt, off crankshaft	
	No. wheel turns (stop to stop)				3.2	2.5
Linkage	Type				rack and pinion (rod and ball directly attached to gear)	
	Location (front or rear of wheels, other)				rear of wheels	
	Tie rods (one or two)				2 (tie rod inners integral with rack and pinion gear)	
Steering Axis	Inclination at camber (deg.)				13.3	
	Bearings (type)	Upper			ball bearing	
		Lower			ball joint	
		Thrust			ball bearing	
Steering spindle & joint type					Iso-Strut with lower ball joint	
Wheel spindle	Diameter	Inner bearing			76/42 (3.0/1.65) dia.; 37/40 (1.46/1.57) wide	
		Outer bearing			--	
	Thread (size)				M22 x 1.5	
	Bearing (type)				double row Unipack ball or tapered roller bearing	

*The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.

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Car Line DODGE 600
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Body Type And/Or Engine Displacement	All

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	-
		Camber (deg.)	-0.2° to + 0.8°
		Toe-in [deg.]	0.4 Toe-in to 0.2° Toe-out
	Service reset*	Caster	Not adjustable
		Camber	Same as above
		Toe-in	Same as above
	Periodic M.V. inspection	Caster	-
		Camber	-
		Toe-in	-
Rear wheel at curb mass (wt.)	Service checking	Camber	-1.3° to + 0.3°
		Toe-in [outside track-mm (in.)]	0.6° Toe-out to 0.6° Toe-in (a)
	Service reset*	Camber	Same as above (shim)
		Toe-in	Same as above (shim)
	Periodic M.V. inspection	Camber	-
		Toe-in	-

* Indicates pre-set, adjustable, trend set or other

Electrical - Instruments and Equipment

		Mechanical Cluster
Speedometer	Type	Magnetic torque drive
	Trip odometer (std., opt., n.a.)	Std.
EGR maintenance indicator		-
Charge indicator	Type	Voltmeter
	Warning device	-
Temp Indicator	Type	Magnetic Guage
	Warning device	-
Oil pressure indicator	Type	Light*
	Warning device	Light on Light Bar Center Console - Opt.
Fuel indicator	Type	Magnetic gage
	Warning device	-
Wind shield wiper	Type (standard)	Electric 2-speed, Non-depressed park
	Type (optional)	Electric 2-speed, Intermittent wipe
	Blade length	406.4 (16)
	Swept area [cm^2($in.^2$)]	5413 (839)
Windshield washer	Type (standard)	Electric (arm mounted)
	Type (optional)	-
	Fluid level indicator	Optional
Horn	Type mm(in.)	102 mm (4.0 in.) seashell
	Number used	2
Other		

*Indicates low oil pressure
(a) Measurements measured in degrees, not mm (in.)

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Car Line DODGE 600
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Engine Description/Carb.	2.2L (135.0 in.3)		2.5L (153.0 in.3)
Engine Code	EFI, EDF	EFI Turbo, EDG	EFI, EDM

Electrical - Supply System

Battery	Make	Mopar
	Model, std., (opt.)	Group 34
	Voltage	12V
	Amps at 0°F cold crank	400(500)
	Minutes-reserve capacity	100(110)
	Amp/hr. - 20 hr. rate	60 (66)
	Location	Left front fender side shield
Alternator	Manufacturer	Chrysler or Robert Bosch
	Rating	90 Amp
	Ratio (alt. crank/rev.)	2.4:1
	Optional (type & rating)	-
Regulator	Type	(a)

Electrical - Starting System

Start.motor	Current drain at 0°F	210-250A	230-280A
Motor drive	Engagement type	Solenoid shift	
	Pinion engages from (front, rear)	Front	

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)		n.a.		
	Other (specify)		(a)		
Coil	Make		UTC	Prestolite	Diamond
	Model		5226865	5227372	5227252
	Current	Engine stopped - A	3.0A		
		Engine idling - A	1.9A		
Spark plug	Make		Champion		
	Model		RN12YC		
	Thread (mm)		14 mm		
	Tightening torque [N-m (lb-ft)]		28 (20)		
	Gap		0.9 (0.035)		
	Number per cylinder		one		
Distributor	Make		Chrysler		
	Model		5226575	5226525	5226575

Electrical - Suppression

Locations & type	

(a) Engine control computer with electronic spark advance and voltage regulator

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Car Line **DODGE 600**
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Body Type	41

Body

Structure	
Bumper system front - rear	Front - Urethane Fascia 3.3 kg. (7.2 lbs.) Steel 9.8 kg. (21.6 lbs.) Rear - Urethane Fascia 4.05 kg. (8.9 lbs.) Ultra high strength steel 7.39 kg. (16.25 lbs.)
Anti - corrosion treatment	Extensive use of galvonized steel

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)			Buffable acrylic enamel
Hood	Hinge location (front, rear)		Rear
	Type (counterbalance, prop)		Counterbalanced, clockspring
	Release control (internal, external)		Internal
Trunk-lid	Type (counterbalance, other)		Counterbalanced, Torsion bar
	Internal release control (elec., mech., n.a.)		Cable release, Opt.
Hatch-back lid	Type (counterbalance, other)		--
	Internal release control (elec., mech., n.a.)		--
Station Wagon			
Vent window control (crank, friction, pivot, power)		Front	None
		Rear	None
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam, etc.)		Front	Bench - C.A.R., Formed wire
		Rear	Full foam with zig-zag helper elements
		3rd seat	--
Seat back type (e.g., 60/40, bucket, bench, wire, foam, etc.)		Front	Bench - C.A.R., Formed wire
		Rear	Formed wire
		3rd seat	--

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Body Type	41

Restraint System

Active restraint system	Standard/optional	Standard
	Type and description	Front: Outboard lap and shoulder belt; Center: Lap belt Rear: Lap belt
	Location	Front: three Rear: three
Passive seat belts	Standard/optional	-
	Power/manual	-
	2 or 3 Point	-
	Knee bar/lap belt	-

Frame

Type and description (separate frame, unitized frame, partially unitized frame)		Unitized construction
Glass	**SAE Ref. No.**	
Windshield glass exposed surface area [$cm^2(in^2)$]	S1	8069 (1251)
Side glass exposed surface area [$cm^2(in^2)$]	S2	10395 (1612)
Backlight glass exposed surface area [$cm^2(in^2)$]	S3	5603 (869)
Total glass exposed surface area [$cm^2(in^2)$]	S4	24067 (3732)
Windshield glass (type)		Laminated safety glass
Side glass (type)		Heat treated safety glass
Backlight glass (type)		Heat treated safety glass

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Body Type 41

Convenience Equipment (standard, optional, n.a.)

Air conditioning (manual, auto, temp. control)		Manual - Opt.
Clock (digital, analog)		Digital - Std. with radio
Compass/thermometer		N.A.
Console (floor, overhead)		N.A.
Defroster, elec. backlight		EBL - Opt.
Electronic	Diagnostic warning (integrated, individual)	Std.
	Instrument cluster (list instruments)	N.A.
	Keyless entry	N.A.
	Tripminder (avg. spd. fuel)	N.A.
	Voice alert (list items)	N.A.
	Other	
	Message center	Light bar message center - Std.-600SEOpt. - 600
Fuel door lock (remote, key, electric)		Remote - Std.
Lamps	Auto head on/off delay, dimming	N.A.
	Cornering	Std. - 600 SE N.A.- 600
	Courtesy (map reading)	Front door courtesy - Std. Front reading - Opt.
	Door lock, ignition	Ignition-Std. 600 SE Opt. - 600
	Engine compartment	Opt. - 600 N.A. - 600 SE
	Fog	N.A.
	Glove compartment	Std.-600 SE Opt. - 600
	Trunk	Std. - 600 SE Opt. - 600
	Other	Dome- - Std.
Mirrors	Day/night (auto. man.)	Manual - Std.
	L.H. (remote, power, heated)	Remote - Std. Power - Opt.
	R.H. (convex, remote, power, heated)	Manual convex - Std. Power - convex - Opt.
	Visor vanity (RH/LH, illuminated)	RH Illuminated - Opt.
Parking brake - auto release (warning light)		Auto release - N.A.
Power equipment	Door locks/ deck lid - specify	Door locks - Opt.
	Seat (2-4-6 way) heated (driver, pass., other) lumbar, hip, thigh support (power, manual) reclining (driver, pass.) memory (1-2 preset, recline)	6 Way - left 50/50 - Opt. 600 SE N.A. - 600 Driver and passenger recliners - Std. - 600 SE
	Side windows	Opt.
	Vent windows	N.A.
	Rear windows	N.A.
Radio Systems	Antenna (location, whip,w/shield, power)	Whip - Std. - Right front fender
	AM,FM, stereo, tape, CB	See Page 19A
	Speaker (number, location) Premium sound	See Page 19A
Roof open air/fixed (flip-up, sliding, "T")		N.A.
Speed control device		Opt.
Speed warning device (light, buzzer, etc.)		N.A.
Tachometer (rpm)		N.A.
Telephone system - mobile		N.A.
Theft protection-type		Inside Hood Release-Std. Glove Box Lock-Std. Locking Steering Column-Std. Anti-theft Labels-Std. Inside fuel filler door release - Std.

1. AM Electronically Tuned Radio (includes 1 front speaker) Std. -600 N.A. - 600 SE
2. AM/FM/MX ETR (Includes 2 front 2 rear speaker system) - Std. - 600 SE N.A. - 600
3. AM/FM/MX Cassette/ETR (Includes 4 front 2 rear speaker system) - Opt.

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)
Cae and Body Dimensions

Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised(•)

See Key Sheets for Definitions

All dimensions to ground are for comparitive 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 J1100"Motor Vehicle Dimensions", unless otherwise specified.

Body Type	SAE Ref. No.	41
Width		
Tread (front)	W101	1464 (57.6)
Tread (raer)	W102	1453 (57.2)
Vehicle width	W103	1727 (68.0)
Body width at SgRP (front)	W117	1725 (67.9)
Vehicle width (front doors open)	W120	3431 (135.1)
Vehicle width (rear doors open)	W121	3189 (125.6)
Front fender overall width	W106	1709 (67.3)
Rear fender overall width	W107	1727 (68.0)
Tumble-home (deg.)	W122	23°
Length		
Wheelbase	L101	2624 (103.3)
Vehicle length	L103	4703 (185.2)
Overhang (front)	L104	1000 (39.4)
Overhang (rear)	L105	1079 (42.5)
Upper structure length	L123	2477 (97.5)
Rear wheel C/L "X" coordinate	L127	2712 (106.8)
Cowl point "X" coordinate	L125	537 (21.1)
Front end length at centerline	L126	1458 (57.0)
Rear end length at centerline	L129	778 (30.6)
Height*		
Passenger distribution (front/rear)	PD 1,2,3	2 - Front 3 - Rear
Trunk/cargo load		--
Vehicle height	H101	1350 (53.1)
Cowl point to ground	H114	915 (36.0)
Deck point to ground	H138	946 (37.2)
Roker panel front to ground	H112	252 (9.9)
Bottom of door closed front to ground	H133	285 (11.2)
Rocker panel rear to ground	H111	183 (7.2)
Bottom of door closed rear to ground	H135	252 (9.9)
Windshield slope angle	H122	53°
Backlight slope angle	H121	54°
Ground Clearance		
Front bumper to ground	H102	301 (11.9)
Rear bumper to ground	H104	276 (10.9)
Bumper to ground [front at curb mass (wt.)]	H103	318 (12.5)
Bumper to ground [rear at curb mass (wt.)	H105	356 (14.0)
Angle of approach (degrees)	H106	19°
Angle of departure (degrees)	H107	15°
Ramp breakover angle (degrees)	H147	11°
Axle differential to ground (front/rear)	H153	N.A.
Min. running ground clearance	H156	119 (4.7)
Location of min. run. ground clearance		Frt. Susp. C'mbr. Brkt. (left hand side)

* All vehicle height and ground clearance are made at the Manufacturer's Design Load Weight unless otherwise noted
Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)
Cae and Body Dimensions

Car Line **DODGE 600**
Model Year **1987** Issued **6-20-86** Revised(•) _____

See Key Sheets for Definitions

Body Type

SAE Ref. No.	All
	Center Arm Rest - Bench Seat

Front Compartment

SgRP front, "X' coordinate	L31	1405 (55.3)
Effective head room	H61	981 (38.6)
Max. eff. leg room (accelerator)	L34	1072 (42.2)
SgRP to heel point	H30	264 (10.4)
SgRP to heel point	L53	864 (34.0)
Back angle	L40	24°
Hip angle	L42	97°
Knee angle	L44	127°
Foot angle	L46	87°
Design H - point front travel	L17	197 (7.8)
Normal driving & riding seat track trvl.	L23	178 (7.0)
Shoulder room	W3	1414 (55.7)
Hip room	W5	1343 (52.9)
Upper body opening to ground	H50	1091 (43.0) To "O"
Steering wheel maximum diameter*	W9	381 (15.0)
Steering wheel angle	H18	26°
Accel. heel pt. to steering wheel center	L11	511 (20.1)
Accel. heel pt. to steering wheel center	H17	641 (25.2)
Steering wheel to C/L of thigh	H13	110 (4.3)
Steering wheel torso clearance	L7	333 (13.1)
Headlining to roof panel	H37	15 (0.6)
Undepressed floor covering thickness	H67	22 (0.9)

Rear Compartment

SgRP Point couple distance	L50	832 (32.8)
Effective head room	H63	950 (37.4)
Min. effective leg room	L51	931 (36.7)
SgRP (second to heel)	H31	284 (11.2)
Knee clearance	L48	43 (1.7)
Compartment room	L3	690 (27.2)
Shoulder room	W4	1425 (56.1)
Hip room	W6	1358 (53.5)
Upper body opening to ground	H51	1090 (42.9)
Back angle	L41	25°
Hip angle	L43	87.5°
Knee angle	L45	96°
Foot angle	L47	129.5°
Headlining to roof panel (second)	H38	15 (0.6)
Depressed floor covering thickness	H73	13 (0.5)

Luggage Compartment

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

Interior Volumes (EPA Classification)

Vehicle class (subcompact, compact, etc.)		Mid - size
Interior volume index (cu. ft.)		114.2
Trunk/cargo index (cu. ft.)		484 (17.1)

* See Page 14

All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)
Car and Body Dimensions

Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised(*)

See Key Sheets for Definitions

	SAE Ref. No.	
Body Type		41

Station Wagon - Third Seat

SgRP couple distance	L85	
Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
SgRP to heel point	H87	
Knee clearance	L87	
Seat facing direction	SD1	
Back angle	L88	
Hip angle	L89	
Knee angle	L90	
Foot angle	L91	

Station Wagon - Cargo Space

Cargo length (open front)	L200	
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	
Cargo length at belt (second)	L205	
Cargo width (wheelhouse)	W201	
Rear opening width at floor	W203	
Opening width at belt	W204	
Max. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Tailgate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index [$m^3(ft.^3)$]	V2	
Hidden cargo volume [$m^3(ft.^3)$]	V4	
Cargo volume index-rear of 2-seat	V10	

Hatchback - Cargo Space

Cargo length at front seatback height	L208	
Cargo length at floor (second)	L209	
Cargo length at second seatback height	L210	
Cargo length at floor (second)	L211	
Front seatback to load floor height	H197	
Second seatback to load floor height	H198	
Cargo volume index[$m^3(ft.^3)$]	V3	
Hidden cargo volume [$m^3(ft.^3)$]	V4	
Cargo volume index-rear of 2-seat	V10	

Aerodynamics*

Wheel lip to ground, front	630 (24.8)
Wheel lip to ground, rear	634 (24.96)
Frontal area [$m^3(ft.^3)$] (c)	2.02 (21.69) (a)
Drag coefficient (Cd)	N.A.

All linear dimensions are in millimeters(inches) unless otherwise noted
*EPA Loaded Vehicle Weight, Loading Conditions
(a) All tires, two mirrors, antenna and vinyl roof

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)

Car Line **DODGE 600**
Model Year **1987** Issued **6-20-86** Revised(•)

Body Type	All

Vehicle Fiducial Marks

Fiducial Mark Number*		Define Coordinate Location
Front		The center of gauge holes located in front longitudinal approximately 836 mm (32.9 in.) from centerline of front wheels.
Rear		The center of gauge holes located in rear longitudinal approximately 3363.9 mm (132.4 in) from the centerline of front wheels.
Fiducial Mark Number		
Front	W21	433.5 (17.1)
	L54	925 (36.4)
	H81	-9 (-0.35) Bottom surface of Longitudinal
	H161	
	H163	
Rear	W22	527.6 (20.8)
	L55	3452.4 (135.9)
	H82	236 (9.3) Bottom Surface of Longitudinal
	H162	
	H164	

*Reference - SAE Recommended Practice, J182, Motor Vehicle Fiducial Marks.
All linear dimensions are in millimeters (inches).

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)

Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised(•)

Body Type	All

Lamps and Headlamps Shape*

Height above ground to center of bulb or marker	Headlamp (SAE - H127)	Highest**	683.8
		Lowest	--
	Taillamp (SAE - H128)	Highest**	682.0
		Lowest	676.2
	Sidemarker	Front	683.3
		Rear	676.2
Distance from centerline of car to center of bulb or marker	Headlamp	Inside	443.0
		Outside**	631.5
	Taillamp	Inside	487.0
		Outside**	777.5
	Directional	Front	603.5
		Rear	612.0

Halogen headlamp (std., opt., n.a.)	Lo beam	Standard
	Hi beam	Standard
	Replaceable bulb	N.A.
	Shape	Rectangular
Headlamp other than above	Lo beam	--
	Hi beam	--
	Replaceable bulb	--
	Shape	--
	Type	--

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

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)

Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised(*)

Estimated

Model	Vehicle Mass (Weight)							
	CURB MASS, kg (weight, lb.)*			% PASS. MASS DISTRIBUTION				SHIPPING MASS, kg (weight, lb.)**
	Front	Rear	Total	Pass. in Front		Pass. in Rear		
				Front	Rear	Front	Rear	
600 four door - sedan								
2.2L(135.0 in.3) EDF engine	738	439	1177	51.6	48.4	19.8	80.2	1147
	(1626)	(968)	(2594)					(2528)
600 SE four door - sedan								
2.2L (135.0 in.3) EDFengine	739	441	1180	51.6	48.4	19.8	80.2	1150
	(1630)	(971)	(2601)					(2535)

* Reference - SAE J1100 Motor vehicle dimensions, curb weight definition

** Shipping mass (weight) definition-

MVMA Specifications Form
Passenger car
METRIC (U.S. Customary)

Car Line DODGE 600
Model Year 1987 Issued 6-20-86 Revised(•)

Estimated

Optional Equipment Differential Mass (Weight)*

Equipment	MASS, kg (weight, lb.) Front	Rear	Total	Remarks
2.2L (135.0 in.3) turbo-charged engine, EDG	16 (37)	0 (-1)	16 (36)	
2.5L (153.0 IN.3) EDM EFI engine	16 (36)	0 (-1)	16 (35)	
500 Amp. battery	0.9 (2)	0 (0)	0.9 (2)	
Trunk dress - up	0 (0)	3.2 (7)	3.2 (7)	
Front & Rear floor mats	1.8 (4)	1.4 (3)	3.2 (7)	
Dual electric outside-mirrors	1.4 (3)	0.4 (1)	1.8 (4)	
Air conditioning	25.4 (56)	-1.4 (-4)	24 (52)	
Power windows	5.5 (12)	4.5 (10)	10 (22)	
Power door locks	0.9 (2)	0.9 (2)	1.8 (4)	
Power seat - left	3.6 (8)	3.2 (7)	6.8 (15)	
Bumper guards-front&rear	0.9 (2)	0.9 (2)	1.8 (4)	
Automatic speed control	1.8 (4)	0 (0)	1.8 (4)	
AM Stereo/FM Stereo/ ETR Radio	0.4 (1)	1.4 (3)	1.8 (4)	Std. on SE
Conventional spare tire	-5.0 (-11)	14.5 (32)	9.5 (21)	
Class III wheel covers	2.8 (6)	2.8 (6)	5.6 (12)	
Undercoating	1.4 (3)	1.8 (4)	3.2 (7)	

* Also see Engine - General section for dressed engine mass (weight).