

OCT 15 1984

# MOTOR VEHICLE Specifications

METRIC (U.S. Customary)

Passenger Car

# 1985

Manufacturer <b>CHRYSLER CORPORATION</b>	Car Line <b>DODGE OMNI/CHARGER</b>	
Mailing Address <b>DETROIT, MICHIGAN 48288</b>	Issued <b>JUNE 8, 1984</b>	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.

# **MVMA Specifications Form**

## **Passenger Car**

**METRIC (U.S. Customary)**

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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 and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

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**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

**Car Models**

Model Description FWD/RWD	Introduction Date	Make, Car Line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load — Kilograms (Pounds)
<b>FWD</b>	<b>SEPT. 1984</b>			
<b>OMNI</b>				
4-DOOR HATCHBACK		ZE44	5(2/3)	52(115)
<b>CHARGER</b>				
2-DOOR HATCHBACK		ZH24	5(2/3)	52(115)
<b>OMNI SE</b>				
4-DOOR HATCHBACK		ZH44	5(2/3)	52(115)
<b>CHARGER 2.2</b>				
2-DOOR HATCHBACK		ZP24	5(2/3)	52(115)
<b>SHELBY TURBO CHARGER</b>				
2-DOOR HATCHBACK		ZS24	5(2/3)	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					E x h a u s t  S/D	TRANSMISSION TRANSAXLE	AXLE RATIO  (std. first)
	Displ. Liters (in³)	Carb. (Barrels FI, etc.)	Compr. Ratio	SAE Net at RPM				
				kW (bhp)	Torque N - m (lb. ft.)			
STD. - E & H	1.6L (97.1)	2	8.8	48 (64) @ 4800	118 (87) @ 2800	S	MANUAL	2.69 (b)
STD. - P OPT. - E	2.2L (135)	2	9.6	82 (110) @ 5600	175 (129) @ 3600	S	MANUAL	2.78 (c)
STD. - S OPT. - E (a)	2.2L (135)	EFI TURBO	8.1	109 (146) @ 5200	228 (168) @ 3600	S	MANUAL	2.57 (c)
OPT. E, H, P	2.2L (135)	2	9.0	72 (96) @ 5200	161 (119) @ 3200	S	MANUAL	2.20 (c)
							AUTOMATIC	2.78, 3.02 (d)

- (a) GLH Package Only  
(b) 4-Speed  
(c) 5-Speed  
(d) Recommended for High Altitude and Hilly Terrain

[illegible]

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Car Line **DODGE OMNI/CHARGER**

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Engine Description/Carb.  
 Engine Code

<b>1.6L (97 in³) 2 bbl., ECA</b>	<b>2.2L (135.0 in³) 2 bbl., EDE, EDJ</b>
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**ENGINE - GENERAL**

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)	<b>Four-Cylinder, In-line OHV Canted, Front, Transverse</b>	<b>Four-Cylinder, In-line OHC Canted, Front, Transverse</b>
No. of cylinders	<b>Four</b>	
Bore	<b>80.6 (3.17)</b>	<b>87.5 (3.44)</b>
Stroke	<b>78.0 (3.07)</b>	<b>92.0 (3.62)</b>
Bore spacing (c/l to c/l)	<b>88.0 (3.46)</b>	<b>96.0 (3.78)</b>
Cylinder block material	<b>Cast Iron</b>	
Cylinder block deck height	<b>201.95 (7.95)</b>	<b>237.8 (9.36) (a)</b>
Deck clearance (minimum) (above or below block)	<b>1.215 (0.0478) Below</b>	<b>0.00</b>
Cylinder head material	<b>Aluminum</b>	
Cylinder head volume (cm³)	<b>23.34 ± 0.6</b>	<b>56.0 ± 1.5</b>
Head gasket thickness (compressed)	<b>1.2 (0.047)</b>	<b>1.73 (0.068)</b>
Minimum combustion chamber total volume (cm³)	<b>51.096</b>	<b>Clearance volume 65.31</b>
Cyl. no. system (front to rear)	<b>L. Bank (b)</b>	<b>1, 2, 3, 4</b>
	<b>R. Bank</b>	<b>—</b>
Firing Order	<b>1, 3, 4, 2</b>	
Recommended fuel (leaded, unleaded, diesel)	<b>Unleaded</b>	
Fuel antiknock index (R + M) 2	<b>87 Minimum (c)</b>	
Total dressed engine mass (wt) dry**	<b>120.5 (265.6)</b>	<b>138.5 (305.2)</b>

**Engine - Pistons**

Material & mass, g (weight, oz.) piston	<b>Aluminum 340 ± 1.5 (11.99)</b>	<b>Aluminum Alloy 457 ± 2 (16.12)</b>
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**Engine - Camshaft**

Location	<b>In-block</b>	<b>Overhead</b>
Material (kg., weight, lbs.)	<b>Cast Iron 2.195 (4.839)</b>	<b>Hardenable Cast Iron 2.903 (6.40)</b>
Drive Type	<b>Chain/belt</b>	<b>Belt</b>
	<b>Width/pitch</b>	<b>24.2/25.2 (0.952/0.992) 9.525 (0.375)</b>

\*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, Carburetor, Ignition System, Manifold, Water Pump, Fuel Pump, Engine Mounted Emission Controls, Drive Belts, Oil Filter, Engine Mounts and Throttle Controls as Required.

(a) EDJ Engine: 232.0 (9.13)

(b) Right to Left as Installed in Car.

(c) 2.2L EDJ-HiPerf:

Unleaded Fuel — 91 Octane or Higher (Preferred)  
 — 87 Octane or Higher (Acceptable)

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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

**2.2L (135.0 In<sup>3</sup>)**  
**EFI Turbo, EDG**

**ENGINE - GENERAL**

Type & description (inline, V, angle, flat; location, front, mid, rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-camber, etc.)	Four-Cylinder, In-Line, OHC Canted Front, Transverse	
No. of cylinders	Four	
Bore	87.5 (3.44)	
Stroke	92.0 (3.62)	
Bore spacing (c/l to c/l)	96.0 (3.78)	
Cylinder block material	Cast Iron	
Cylinder block deck height	237.8 (9.36)	
Deck clearance (minimum) (above or below block)	0.00	
Cylinder head material	Aluminum	
Cylinder head volume (cm <sup>3</sup> )	56.7 ± 1.5	
Head gasket thickness (compressed)	1.73 (0.068)	
Minimum combustion chamber total volume (cm <sup>3</sup> )	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	
Recommended fuel (leaded, unleaded, diesel)	Super or Premium Unleaded Fuel	
Fuel antiknock index (R + M)	91 Octane or Higher (Recommended) 87 Octane or Higher (Acceptable)	
2		
Total dressed engine mass (wt) dry**	145.06 (319.8)	

**Engine - Pistons**

Material & mass, g (weight, oz.) piston	Aluminum Alloy 458 + 2 - 4g (16.15)
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**Engine - Camshaft**

Location	Overhead	
Material (kg., weight, lbs.)	Hardenable Cast Iron 2.903 (6.40)	
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.

\*\*Dressed engine mass (weight) includes the following: Starter Alternator, Ignition System, Manifold, Water Pump, Engine Mounted Emission Controls, Drive Belts, Oil Filter, Engine Mounts, Front and Right, and Throttle Controls as required, Power Steering Pump.

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Engine Description/Carb.  
 Engine Code

**1.6L (97.1 in³)  
 2 bbl., ECA**

**2.2L (135.0 in³)  
 EDE, EDJ, EDG**

**Engine - Valve System**

Hydraulic lifters (std., opt., NA)	N.A.	Standard
Valves	Number intake/exhaust	4/4
	Head O.D. intake/exhaust	36°-0.22 mm/29°-0.2 mm
		40.6 mm/35.4 mm

**Engine - Connecting Rods**

Material & mass [(kg., weight, lbs.)]	Forged Steel: 0.554 (1.22)	Forged Steel: 0.691 (1.52)
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**Engine - Crankshaft**

Material & mass [kg., (weight, lbs.)]	Forged Steel: 11.244 (24.78)	Nodular Iron: 16.1 (35.6)
End thrust taken by bearing (no.)	Three	
Number of main bearings	Five	

**Engine - Lubrication System**

Normal oil pressure [kPa (psi) at engine rpm]	500 (72.5) @ 3000	345 (50) @ 2000
Type oil intake (floating; stationary)	Stationary	
Oil filter system (full flow, part, other)	Full Flow (a)	
Capacity of c/case, less filter-refill-L (qt.)	3.3 (3.5)	3.8 (4)

**Engine - Diesel Information**

Diesel engine manufacturer	
Glow plug, current drain at 0°F	
Injector nozzle	Type
	Opening pressure [kPa (psi)]
Pre-chamber design	
Fuel injection pump	Manufacturer
	Type
Fuel injection 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	Garret
Super charger - manufacturer	—
Charge cooler	—

(a) Filter change for Turbocharged engine specified at every six months.

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Engine Description/Carb.  
 Engine Code

1.6L (97.1 in³) 2 bbl., ECA	2.2L (135.0 in³) 2 bbl.	
	wo/AC, EDE	w/AC, EDE & EDJ

**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	
By-pass recirculation [type (inter., ext.)]		—	
Cooling system capacity	With heater - L(qt.)	6.4 (6.8)	8.5 (9.0)
	With air cond. - L(qt.)	—	—
	Opt. equipment [specify - L(qt.)]	—	8.2 (8.7)
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		No	
Radiator core	Describe (type, material, no. of rows)	Cross-Flow, Fin & Tube, Aluminum, 2 Rows	Cross-flow, Fin & Tube Spacer 1 Row
	Std., A/C, HD		
	Width	440 (17.3)	454 (17.9)
	Height	322 (12.7)	388 (15.28)
	Thickness	34 (1.34)	18 (0.7)
	Fins per inch	14.5	15, 20 or 21
Fan	Std., elec., opt.	Electric	
	Number of blades & type (flex, solid, material)	4-Blade Plastic	2-Blade Metal
	Diameter & projected width	320 (12.6)/30 (1.2)	360 (14.2) 146 (1.8)
	Ratio (fan to crankshaft rev.)	—	
	Fan cutout type	Electric Motor	
	Drive [type (direct, remote)]	—	
	RPM at idle (elec.)	1885	1790
	Motor rating (wattage) (elec.)	110	130
	Motor switch (type & location) (elec.)	Bi-Metal/Radiator	(a)
	Switch point (temp., pressure) (elec.)	205°F	(b)
	Fan shroud (material)	Metal	

- (a) Thermistor, Water Box & A/C  
 (b) 210°F (Low Speed); 230°F (Hi-Speed)



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Issued **6-8-84**

Revised (●)

Engine Description/Carb.  
 Engine Code

**2.2L (135.0 in<sup>3</sup>) EDG**  
**Electronic Fuel Injection Turbo**

**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
By-pass recirculation [type (inter., ext.)]		—
Cooling system capacity	With heater - L(qt.)	8.5 (9.0)
	With air cond. - L(qt.)	—
	Opt. equipment [specify - L(qt.)]	8.5 (9.0)
Water jackets full length of cyl. (yes, no)		Yes
Water all around cylinder (yes, no)		No
Radiator core	Describe (type, material, no. of rows)	Cross-Flow, Tube F' Spacer, Copper-Brass, 1 Row
	Std., A/C, HD	—
	Width	454 (17.9)
	Height	388 (15.28)
	Thickness	18 (0.7)
	Fins per inch	15
Fan	Std., elec., opt.	Electric
	Number of blades & type (flex, solid, material)	5-Blade Metal
	Diameter & projected width	356 (14)/42 (1.65)
	Ratio (fan to crankshaft rev.)	—
	Fan cutout type	Electric Motor
	Drive [type (direct, remote)]	—
	RPM at idle (elec.)	1455
	Motor rating (wattage) (elec.)	160
	Motor switch (type & location) (elec.)	Thermistor, Water Box & A/C
	Switch point (temp., pressure) (elec.)	210°F (Low Speed); 230°F (Hi-Speed)
	Fan shroud (material)	Metal

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Engine Description/Carb.  
 Engine Code

**1.6L (97.1 in<sup>3</sup>)**  
**2 bbl., ECA**

**2.2L (135.0 in<sup>3</sup>)**  
**2 bbl., EDE, EDJ**

**Engine - Fuel System**

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

Induction type: carburetor, fuel injection system, etc.			Carburetor	
Carburetor	Mfr.		Holley 6520	
	Choke (type)		Electric	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	800	800
		Automatic	—	900
Idle A/F mix.			Propane Idle Enrichment; Check Emission Control Label	
Fuel injection	Point of injection (no.)			
	Constant, pulse, flow			
	Control (electronic, mech.)			
	System pressure [kPa (psi)]			
Intake manifold heat control (exhaust or water) thermostatic or fixed			Water	
Air cleaner type	Standard		Oil Wetted Paper Element	
	Optional		—	
Fuel pump	Type (elec. or mech.)		Mechanical	
	Location (eng., tank)		Engine: Front Side of Transverse Mounted Engine	
	Pressure range [kPa (psi)]		30 to 40 (4.5 to 6)	

**Fuel Tank**

Capacity [refill L (gallons)]		49 (13.0)
Location (describe)		Forward of Axle
Attachment		Terne Plated Strap to Floor Pan
Material		Terne Plated Steel
Filler pipe	Location & material	External Right Rear Quarter Panel; Terne Plated Steel
	Connection to tank	Rubber Grommet
Fuel line (material)		Duplex Coated Steel
Fuel hose (material)		Fuel Resistant Rubber
Return line (material)		Terne Plated 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	

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Engine Description/Carb.  
 Engine Code

**2.2L (135.0 in³)**  
**Electronic Fuel Injection Turbo, EDG**

**Engine - Fuel System**

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

Induction type: carburetor, fuel injection system, etc.		Electronic Fuel Injection
Carburetor	Mfr.	
	Choke (type)	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	
	Manual	
	Automatic	
Idle A/F mix.		
Fuel injection	Point of injection (no.)	Port Injection (4)
	Constant, pulse, flow	Pulse
	Control (electronic, mech.)	Electronic
	System pressure [kPa (psi)]	379.6 (55.1) ± Manifold Vacuum
Intake manifold heat control (exhaust or water) thermostatic or fixed		None
Air cleaner type	Standard	Oil Wetted Paper Element
	Optional	
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	2 Pump System: One In Tank; Main Pump Rail Mounted
	Pressure range [kPa (psi)]	503-875 (73-122) @ 120 P.R.H. and 12V

**Fuel Tank**

Capacity [refill L (gallons)]		Same as Page 6
Location (describe)		Same as Page 6
Attachment		Same as Page 6
Material		Same as Page 6
Filler pipe	Location & material	Same as Page 6
	Connection to tank	Same as Page 6
Fuel line (material)		Same as Page 6
Fuel hose (material)		Same as Page 6
Return line (material)		Same as Page 6
Vapor line (material)		
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	

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 Engine Code

**1.6L (97.1 in<sup>3</sup>)**  
**2 bbl., ECA**

**2.2L (135.0 in<sup>3</sup>)**  
**2 bbl., EDE, EDJ**

**Vehicle Emission Control**

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air Injection, Exhaust Gas Recirculation, Engine Modifications, Catalytic Converter
	Air Injection	Pump or pulse	Positive Displacement Rotary Vane
		Driven by	V-Belt
		Air distribution (head, manifold, etc.)	Single Entry
		Point of entry	Exhaust Manifold Outlet Cold; Catalytic Converter Hot
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow
		Exhaust source	Exhaust Manifold
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold
	Catalytic Converter	Type	3-Way Catalyst + Oxidation
		Number of	One
		Location(s)	Below Exhaust Manifold
		Volume [L (in <sup>3</sup> )]	1.72 (105) 3WC + 0.74 (45) Oxidation
Crankcase Emission Control	Substrate type		Monolithic
	Type (ventilates to atmosphere, induction system, other)		Closed Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges (to intake manifold, other)		Intake Manifold
Evaporative Emission Control	Air inlet (breather cap, other)		Carburetor Air Cleaner
	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	Canister
	Vapor storage provision		Canister
Electronic system	Closed loop (yes/no)		Cold Open; Hot Closed
	Open loop (yes/no)		Cold Open; Hot Closed

**Engine - Exhaust System**

Type (single, single with cross-over, dual, other)		Single: 150 in <sup>3</sup> Front Converter
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, Reverse Flow (All Aluminized Steel) (a)
Resonator no. & type		None (a)
Exhaust pipe	Branch o.d., wall thickness	50.8 × 1.4 (2.00 × 0.055)
	Main o.d., wall thickness	47.8 × 1.4 (1.88 × 0.055)
	Material	Stainless Steel
Interme- diate pipe	o.d. & wall thickness	47.8 × 1.1 (1.88 × 0.043)
	Material	Aluminized Steel
Tail pipe	o.d. & wall thickness	47.8 × 1.1 (1.88 × 0.043)
	Material	Aluminized Steel

(a) All EDJ Engine: One Straight Thru (Aluminized Steel)

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Engine Description/Carb.  
 Engine Code

**2.2L (135.0 in<sup>3</sup>)**  
**Electronic Fuel Injection Turbo, EDG**

**Vehicle Emission Control**

	Type (air injection, engine modifications, other)		Exhaust Gas Recirculation, Engine Modifications Catalytic Converter
Exhaust Emission Control	Air Injection	Pump or pulse	None
		Driven by	—
		Air distribution (head, manifold, etc.)	—
		Point of entry	—
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow
		Exhaust source	Exhaust Manifold
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake Manifold
	Catalytic Converter	Type	3-Way Catalyst
		Number of	One
		Location(s)	Under Seat
		Volume [L (in <sup>3</sup> )]	1.80 (110) 3-Way Catalyst
		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 manifold, other)		Intake Manifold
	Air inlet (breather cap, other)		Air Cleaner
Evapora- tive Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	—
	Vapor storage provision		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 (110 in <sup>3</sup> U.F. Converter)
Muffler no. & type (reverse flow, straight thru, separate resonator)		One Reverse Flow (Stainless Steel)
Resonator no. & type		None
Exhaust pipe	Branch o.d., wall thickness	57/63.5 × 1.4 (2.2/2.5 × 0.055)
	Main o.d., wall thickness	63.5 × 1.4 (2.5 × 0.055)
	Material	Stainless Steel
Interme- diate pipe	o.d. & wall thickness	57/50.8 × 1.4 (2.2/2 × 0.055)
	Material	Stainless Steel
Tail pipe	o.d. & wall thickness	50.8 × 1.1 (2 × 0.043)
	Material	Stainless Steel

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**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (e) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

**1.6L (97.1 in<sup>3</sup>)  
 2 bbl., ECA**

**2.2L (135.0 in<sup>3</sup>)  
 EDE, EDJ, EDG**

**Transmissions/Transaxle**

Manual 3-speed (std., opt., n.a.)	N.A.	
Manual 4-speed (std., opt., n.a.)	Std.	N.A.
Manual 5-speed (std., opt., n.a.)	N.A.	Std.
Manual overdrive (std., opt., n.a.)	N.A.	
Automatic (std., opt., n.a.)	Opt. (N.A. Shelby)	
Automatic overdrive (std., opt., n.a.)	N.A.	

**Manual Transmission/Transaxle**

Number of forward speeds		4	5
Transmission ratios	In first	3.29	3.29
	In second	1.89	2.08
	In third	1.21	1.45
	In fourth	.88	1.04
	In fifth	—	.72
	In overdrive	—	—
	In reverse	3.14	3.14
Synchronous meshing (specify gears)		All Forward Gears	
Shift lever location		Floor	
Lubricant	Capacity [L (pt.)]	1.90 (4.0)	2.15 (4.55)
	Type recommended	Mopar Dexron II Automatic Transmission Fluid	
	SAE viscosity number	Summer	—
		Winter	—
		Extreme cold	—

**Clutch (Manual Transmission)**

Make, type, engagement (describe)		Luk, Dry Disc	Aisen Seiki Dry Disc	Fichtel and Sacs Dry Disc
Type pressure plate springs		Belleville		
Total spring load [N (lb.)]		4200 (944) (a) 4400 (989)	3880 (872)	5800N (1304)
No. of clutch driven discs		One		
Clutch facing	Material	Woven Asbestos		
	Manufacturer	Textar		
	Part number	430229520 (b)	31501-99838	181861877001
	Rivets/plate	16		
	Rivet size	9.5 (0.374)	10 (0.39)	
	Outside & inside dia.	215 × 154 (8.46 × 6.06) (c)	215 × 140 (8.46 × 5.51)	228 × 150 (8.98 × 5.91)
	Total eff. area [cm <sup>2</sup> (in. <sup>2</sup> )]	353.6 (54.8) (d)	418.2 (64.8)	430.0 (67.9)
	Thickness	3.45 (0.136) (e)	3.5 (0.138)	3.5 (0.138)
	Engagement cushion method	Wave Spring Segments		
Release bearing	Type & method of lubrication	Angular Contact Ball Bearing Lube With Grease		
Torsional damping	Method: springs, friction material	Coil Springs and Fiber Friction Washers		

- (a) 1.6L  
 (b) 1.6L: A302008102  
 (c) 1.6L: 200 × 134 (7.87 × 5.27)  
 (d) 1.6L: 346 (53.67)  
 (e) 1.6L: 3.25 (0.128)

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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•)

Engine Description/Carb.  
 Engine Code

**2.2L (135.0 in<sup>3</sup>)**  
**2 bbl., EDE**

**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
	Ltr./No. designation	PRND21
Gear ratios	R	2.10
	D	2.69, 1.55, 1.00
	L <sub>3</sub>	—
	L <sub>2</sub>	2.69, 1.55
	L <sub>1</sub>	2.69
Max. upshift speed - drive range [km/h (mph)]		113 (70)
Max. kickdown speed - drive range [km/h (mph)]		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) (2)
	Type recommended	Dexron Automatic Transmission Fluid
Oil cooler (std., opt., NA, internal, external, air, liquid)		Non A/C Water Cooled-Std. With A/C Air Cooled

(a) Torque Converter, Transmission & Differential

**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)		Shim
Pinion/differential bearing adjustment (shim, other)		Double Row Ball or Double Row Taper Roller
Driving wheel bearing (type)		Double Row Ball or Double Row Taper Roller
Lubricant	Capacity [L (pt.)]	
	Type recommended	
	SAE viscosity number	Summer
		Winter
		Extreme cold

**Axle or Transaxle Ratio and Tooth Combinations**

(See 'Power Teams' for axle ratio usage.)

Axle ratio (or overall top gear ratio)		2.20	2.57 (b)	2.69	2.78 (c)	3.02 (d)
No. of teeth	Pinion	19	16	19	20	21
	Ring gear or gear	58	57	58	61	60
Ring gear o.d.		191.36 (7.53)	198.05 (7.97)	191.36 (7.53)	187.4 (7.38)	184.53 (7.26)
Transaxle	Transfer gear ratio	—	—	—	0.91	1.06
	Final drive ratio	3.05	3.56	3.05	3.05	2.86
				Manual	Automatic	

(b) Shelby Turbo & GLH Package Only (c) Also Available With 5 - Spd. Manual (d) Recommended for Hi-Altitude and Hilly Terrain

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**METRIC (U.S. Customary)**

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•)

Engine Description/Carb.  
 Engine Code

**1.6L (97.1 in<sup>3</sup>)**  
**2 bbl., ECA**

**2.2L (135.0 in<sup>3</sup>)**  
**2 bbl., EDE, EDJ**

**Axle Shafts - Front Wheel Drive**

Number used		Two	
Type (straight, solid bar, tubular, etc.)		Solid Bar	
		Tube	
Outer diam. x length* x wall thickness	Manual transmission	Left	GKN-EUR: 22.86 × 345.5 (0.90 × 13.60) or GKN-US: 24.2 × 342.9 (0.95 × 13.5)
		Right	GKN-EUR: 40.5 × 595.3 × 2.7 (1.59 × 23.44 × 0.106) or GKN-US: 40.5 × 596.1 × 3.72 (a)
	Automatic transmission	Left	N.A.
		Right	N.A.
	Optional transmission	Left	Same as Left Manual Above
		Right	Same as Right Manual Above
Slip yoke	Type	—	
	Number of teeth	—	
	Spline o.d.	—	
Universal joints	Make and mfg. no.	Inner	G.K.N.-EUR: GI69 or G.K.N.-US: C2000
		Outer	G.K.N.-EUR: 92AC or G.K.N.-US: C2000
	Number used	Two	
	Type, size, plunge	Inner	Tripode 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) (1.59 × 23.47 × 0.146)



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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

<b>2.2L (135.0 in³)</b>	
<b>2 bbl., EDJ (a)</b>	<b>Elec Fuel Injection Turbo, EDG</b>

**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 thickness	Manual transmission	Left	Citroen: 22.86 × 338 (0.90 × 13.31) (b)	
		Right	Citroen: 40 × 586.5 × 3.2 (1.57 × 23.09 × 126) (c) Citroen: 22.86 × 338 (0.90 × 13.31)	
	Automatic transmission	Left	—	
		Right	—	
	Optional transmission	Left	—	
		Right	—	
Slip yoke	Type		—	
	Number of teeth		—	
	Spline o.d.		—	
Universal joints	Make and mfg. no.	Inner	G.K.N.-EUR: GI69 or G.K.N.-US: C2000	
		Outer	G.K.N.-EUR: 924C or G.K.N.-US: C2000	
	Number used		Two	
	Type, size, plunge	Inner	Tripode Plunge	
		Outer	Rzeppa-Fixed	
	Attach (u-bolt, clamp, etc.)		—	
	Bearing	Type (plain, anti-friction)	—	
		Lubric, (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) GLH Package Only - Larger Wheel Bearings Used  
 (b) or G.K.N.-US: 24.2 × 338.6 (0.95 × 13.33) EDJ (a) Only  
 (c) or G.K.N.-US: 40.5 × 591.5 × 3.72 (1.59 × 23.29 × 0.146)

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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Body Type And/Or  
 Engine Displacement

24	44	44	24 (a)	24-44 (b)
Standard (SDA)		Heavy Duty (SDB)	Firm Feel (SDC)	Sport Hndl. (SDE)

**Suspension - General**

Car leveling	Std./opt./n.a.	Not Available		
	Type (air, hyd., etc.)	—		
	Manual/auto. controlled	—		
Provision for brake dip control		Inclined Control Arm and Strut		
Provision for accel. squat control		None		
Provisions for car jacking		Sill Jacking: Scissors-Type Sill Jack, Jack Supports Located at Each End of Body Side Sills		
Shock absorber (front & rear)	Type	Direct		Front: Direct Rear: Gas Charged
	Make	Front: Delco, Monroe or Gabriel; Rear Gabriel		
	Piston diameter	Front: 32 (1.26); Rear: 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		—			
Travel	Full jounce	77 (3.0)	75 (2.9)	82 (3.2)	84 (3.3)
	Full rebound	97 (3.8)	99 (3.9)	92 (3.6)	90 (3.5)
Spring	Type (coil, leaf, other) & material	Coil, AISI 5160H: Chromium Alloy Steel			
	Insulators (type & material)	Compression (Rubber)			
	Size (coil design height & i.d., bar length x dia.)	202 × 152 I.D. (7.95 × 6.0 I.D.) 210 × 152 I.D. (8.27 × 6.0 I.D.) @ Curb			
	Spring rate [N/mm (lb./in.)]	14.9 (85)		21.0 (120)	25.4 (145)
	Rate at wheel [N/mm (lb./in.)]	18.4 (105)		24.5 (140)	29.6 (169)
	Stabilizer	Linkless			
Type (link, linkless, frameless)		Linkless			
Material & bar diameter		22 (0.866)	AISI 1090 Spring Steel: 25.4 (1.0)		

**Suspension - Rear**

Type and description			Semi-Independent Trailing Arm Type			
Drive and torque taken through			—			
Travel	Full jounce		40 (1.6)	59 (2.3)	71 (2.8)	52 (2.0)
	Full rebound		157 (6.2)	138 (5.4)	111 (4.4)	130 (5.1)
Spring	Type (coil, leaf, other) & material		Coil; AISI 5160H (Chromium Alloy Steel)			
	Size (length x width, coil design height & i.d., bar length & dia.)		Design Height: 247 I.D.: 85; Wire Dia: 10.4		Design Height: 247 I.D. 85; 266 I.D.: 85 @ Curb	
	Spring rate [N/mm (lb./in.)]		15.8 (90)		19.3 (110)	23.6 (135)
	Rate at wheel [N/mm (lb./in.)]		16.2 (93)		19.8 (113)	24.2 (138)
	Insulators (type & material)		Compression (Rubber)			
	If leaf	No. of leaves	—			
		Shackle (comp. or tens.)	—			
Stabilizer	Type (link, linkless, frameless)		None			Frameless
	Material & bar diameter		—			HSLA Steel; 16 (0.63)
Track bar (type)			None			

(a) Std. Charger 2.2 (b) Std. Shelby Turbo Charger

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**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Body Type And/Or  
 Engine Displacement

**24, 44**  
**(Except ZS24)**

**Brakes - Service**

Description			Four-Wheel Actuated Hydraulic 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)		Dual Proportioning Valve	
Power brake (std., opt., n.a.)			Standard	
Booster type (remote, integral, vac., hyd., etc.)			Vacuum, Single	
Vacuum source (inline, pump, etc.)			—	
Vacuum reservoir (volume in. <sup>3</sup> )			—	
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 <sup>2</sup> (in. <sup>2</sup> )]*			391.44 (60.67)	
Gross lining area [cm <sup>2</sup> (in. <sup>2</sup> )]** (F/R)			417.58 (64.73)	
Swept area [cm <sup>2</sup> (in. <sup>2</sup> )]*** (F/R)			1302.97 (201.96)	
Rotor	Outer working diameter		Front: 228 (8.98)	
	Inner working Diameter		Front: 153 (6.02)	
	Thickness		Front: 12.64 (0.498)	
	Material & type (vented/solid)		Front Damped Cast Iron, Solid	
Drum	Diameter & width		Rear: 200 (7.87) × 37.62 (1.48)	
	Type and material		Rear: Cast Composite	
Wheel cylinder bore			Front: 54 (2.13); Rear: 15.87 (0.625)	
Master cylinder	Bore/stroke	F/R	21.00 (0.87)/32.79 (1.291)	
Pedal arc ratio			3.79: 1 Power	
Line pressure at 445 N (100 lb.) pedal load [kPa (psi)]			9.31 (1350) Power	
Lining clearance		F/R	No Major Adjustment	
Brake lining	Front wheel (a)	Bonded or riveted (rivets/seg.)		Riveted: 5/Shoe
		Rivet size		357 (0.14) Dia. × 7.57 (0.3)
		Manufacturer		Bendix
		Lining code		—
		Material		Molded Metallic
		****	Primary or out-board	3987 × 12.34 (6.18 × 0.486)
		Size	Secondary or in-board	3987 × 12.34 (6.18 × 0.486)
		Shoe thickness (no lining)		Outer: 4.83 (0.190); Inner: 5.18 (0.204)
	Rear wheel	Bonded or riveted (rivets/seg.)		Riveted: 10/Shoe
		Manufacturer		Bendix
		Lining code		—
		Material		Rolled Asbestos
		****	Primary or out-board	198.56 × 32.5 × 6.65 (7.82 × 1.28 × 0.262)
		Size	Secondary or in-board	198.56 × 32.5 × 6.65 (7.82 × 1.28 × 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 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 width x thickness.

(a) Area × Thickness

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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (●) \_\_\_\_\_

Body Type And/Or  
 Engine Displacement

**ZS24**  
**EFI Turbo, EDG**

**Brakes - Service**

Description			Four-Wheel Actuated Hydraulic 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)		Dual Proportioning Valve		
Power brake (std., opt., n.a.)			Standard		
Booster type (remote, integral, vac., hyd., etc.)			Vacuum, Single		
Vacuum source (inline, pump, etc.)			—		
Vacuum reservoir (volume in. <sup>3</sup> )			—		
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 <sup>2</sup> (in. <sup>2</sup> )]*			526.88 (81.67)		
Gross lining area [cm <sup>2</sup> (in. <sup>2</sup> )]** (F/R)			560.96 (86.95)		
Swept area [cm <sup>2</sup> (in. <sup>2</sup> )]*** (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) × 44.26 (1.74)	
	Type and material		F/R	Cast Composite	
Wheel cylinder bore			Front: 54 (2.13); Rear: 15.87 (0.625)		
Master cylinder	Bore/stroke	F/R	3.79:1 Power		
Pedal arc ratio			9.31 (1350) Power		
Line pressure at 445 N (100 lb.) pedal load [kPa (psi)]			Power 8.27 (1200)		
Lining clearance		F/R	No Major Adjustment		
Brake lining	Front wheel (a)	Bonded or riveted (rivets/seg.)		Riveted 6/Shoe	
		Rivet size		4.65 (0.18) Dia. × 7.5 (0.3)	
		Manufacturer		Bendix	
		Lining code		—	
		Material		Molded Metallic	
		****	Primary or out-board	4970 × 11.08 (7.70 × 0.436)	
		Size	Secondary or in-board	4970 × 11.08 (7.70 × 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 × 40.0 × 6.65 (8.91 × 1.575 × 0.262)	
		Size	Secondary or in-board	226.35 × 40.0 × 6.65 (8.91 × 1.575 × 0.262)	
		Shoe thickness (no lining)		2.17 (0.0854)	

\* Excludes rivet holes, grooves, chamfers, etc.

(a) Area × Thickness

\*\* 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.

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Body Type And/Or  
 Engine Displacement

**All Except Charger 2.2**

**Charger 2.2**

**Tires And Wheels (Standard)**

Tires	Size (load range, ply)		P 165/80 R 13, SL, 1/2	P 195/60 R 14, SL, 2/3 (a)
	Type (bias, radial, etc.)		Steel Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	240 (35)	
		Rear [kPa (psi)]	240 (35)	
	Rev./mile - at 70 km/h (45 mph)		894	900 (b)
Wheels	Type & material		Disc Steel	
	Rim (size & flange type)		13 × 5.0 JB	14 × 5.5 JJ (c)
	Wheel offset		40 (1.6)	
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	100 (3.94)	
		Number & size	4-M12 × 1.5 mm (d)	
Spare	Tire and wheel (same, if other describe)		P 165/75 D 13 Low Mileage Spare	
	Storage position & location (describe)		Horizontal-Rear Floor Pan Under Cargo Floor	

**Tires And Wheels (Optional)**

Size (load range, ply)		P 175/75 R 13, SL, 1/2
Type (bias, radial, etc.)		Steel Radial
Wheel (type & material)		Disc Steel
Rim (size, flange type and offset)		13 × 5.0 JB 40 (1.6)
Size (load range, ply)		P 195/60 R 14, SL, 2/3
Type (bias, radial, etc.)		Steel Radial
Wheel (type & material)		Cast Aluminum
Rim (size, flange type and offset)		14 × 5.5 JJ 40 (1.6)
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)		Conventional Spare Same as Road Tire

**Brakes - Parking**

Type of control		Hand Release Lever
Location of control		Floor, Between Front Seats
Operates on		Rear Wheels
If separate from service brakes	Type (internal or external)	—
	Drum diameter	—
	Lining size (length x width x thickness)	—

Shelby Turbo Charger: (a) P205/50 VR, 15, SL, 2/4 (b) 904 (c) 15 × 6JJ (d) 5-M12 × 1.5 mm

Omni GLH: (a) P195/50 HR 15, SL, 2/4 (b) 920 (c) 15 × 6JJ (d) 5-M 12 × 1.5 mm

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Car Line **DODGE OMNI/CHARGER**

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Body Type And/Or  
 Engine Displacement

**24 (Except Shelby)**

**44 (Except GLH)**

**Steering**

Manual (std., opt., n.a.)				Standard			
Power (std., opt., n.a.)				Optional			
Adjustable steering wheel (tilt, swing, other)		Type and description		—			
		(Std., opt., n.a.)		Not Available			
Wheel diameter		Manual	381 (15)	381 (15)			
		Power	381 (15)	381 (15)			
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		11.8 (38.8) L; 12.3 (40.5) R		11.9 (39.1) L; 12.4 (40.8)	
		Curb to curb (l. & r.)		11.1 (36.4) L; 11.6 (38.2) R		11.3 (37.2) L; 11.9 (39.1)	
	Inside rear	Wall to wall (l. & r.)		6.5 (21.3) L; 7.1 (23.3) R		6.8 (22.4) L; 7.5 (24.5)	
		Curb to curb (l. & r.)		6.7 (22.1) L; 7.3 (24.1) R		6.9 (22.8) L; 7.6 (24.8)	
Scrub Radius				-8 (-0.3)			
Manual	Gear	Type		Rack and Pinion			
		Make		Cam Gears			
		Ratios	Gear	—			
			Overall	22:1			
	No. wheel turns (stop to stop)		3.6				
Power	Type (coaxial, linkage, etc.)		Integral Power Gear				
	Make		Saginaw				
	Gear	Type		Rack and Pinion with Integral Unit			
		Ratios	Gear	—			
			Overall	18:1			
	Pump (drive)		Pulley Belt Off Crankshaft				
No. wheel turns (stop to stop)		2.88					
Linkage	Type		Rack and Pinion Type (Rod and Ball Joint Directly Attached to Gear)				
	Location (front or rear of wheels, other)		Rear of Wheels				
	Drag links (trans. or longit.)		None				
	Tie rods (one or two)		2 (Tie Rod Inners Integral with Rack and Pinion Gear)				
Steering axis	Inclination at camber (deg.)		13.36				
	Bearings (type)	Upper	Acetal Thermoplastic Bearing				
		Lower	Ball Joint				
		Thrust	Acetal Thermoplastic Bearing				
Steering spindle & joint type				Iso-Strut with Lower Ball			
Wheel spindle	Diameter	Inner bearing		76/40 (3.0/1.57) Dia.; 28/33 (1.1/1.3) Width			
		Outer bearing		—			
	Thread (size)		M22 × 1.5				
	Bearing type		Double Row Unipack Ball or Tapered Roller Bearing				

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

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (●)

Body Type And/Or  
Engine Displacement

**Shelby Charger**

**44 W/AGB (GLH)**

**Steering**

Manual (std., opt., n.a.)				Not Available		
Power (std., opt., n.a.)				Standard		
Adjustable steering wheel (tilt, swing, other)		Type and description		—		
		(Std., opt., n.a.)		Not Available		
Wheel diameter		Manual		—		
		Power		381 (15)		
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		12.6 (41.2) L; 13.1 (43.1) R	12.6 (41.4) L; 13.2 (43.3)	
		Curb to curb (l. & r.)		11.9 (38.9) L; 12.5 (40.9) R	12.1 (39.8) L; 12.8 (41.8)	
	Inside rear	Wall to wall (l. & r.)		7.3 (23.9) L; 8.0 (26.1) R	7.7 (25.2) L; 8.3 (27.4)	
		Curb to curb (l. & r.)		7.5 (24.7) L; 8.2 (26.8) R	7.8 (25.4) L; 8.4 (27.7)	
Scrub Radius				-8 (-0.3)		
Manual	Gear	Type		—		
		Make		—		
		Ratios	Gear	—		
			Overall	—		
	No. wheel turns (stop to stop)		—			
Power	Type (coaxial, linkage, etc.)		Integral Power Gear			
	Make		Saginaw			
	Gear	Type		Rack and Pinion with Integral Unit		
		Ratios	Gear	—		
			Overall	14:1		
	Pump (drive)		Pulley Belt Off Crankshaft			
	No. wheel turns (stop to stop)		2.07			
Linkage	Type		Rack and Pinion Type (Rod and Ball Joint Directly Attached to Gear)			
	Location (front or rear of wheels, other)		Rear of Wheels			
	Drag links (trans. or longit.)		None			
	Tie rods (one or two)		2 (Tie Rod Inners Integral with Rack and Pinion Gear)			
Steering axis	Inclination at camber (deg.)		13.36			
	Bearings (type)	Upper	Acetal Thermoplastic Bearing			
		Lower	Ball Joint			
		Thrust	Acetal Thermoplastic Bearing			
Steering spindle & joint type				Iso-Strut with Lower Ball		
Wheel spindle	Diameter	Inner bearing		76/40 (3.0/1.57) Dia.; 28/33 (1.1/1.3) Width		
		Outer bearing		—		
	Thread (size)		M22 × 1.5			
	Bearing type		Double Row Unipack Ball or Tapered Roller Bearing			

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

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•)

Body Type And/Or  
 Engine Displacement

24	44
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**Wheel Alignment**

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	—
		Camber (deg.)	— 0.2° to + 0.8°
		Toe-in [outside track-mm (in.)]	4.8 (0.187) Toe-In to 2.4 (0.094) Toe-Out
	Service reset*	Caster	Not Adjustable
		Camber	Same as Above
		Toe-in	Same as Above
	Periodic M.V. in- spection	Caster	—
		Camber	—
		Toe-in	—
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	— 1.25° to — 0.25°
		Toe-in [outside track-mm (in.)]	4.0 (0.16) Toe-Out to 8.7 (0.34) Toe-In
	Service reset*	Camber	Same as Above (Shim)
		Toe-in	Same as Above (Shim)
	Periodic M.V. in- spection	Camber	—
		Toe-in	—

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

Electrical - Instruments and Equipment		Base Cluster	Rallye Cluster
Speed-ometer	Type	Magnetic Torque Drive	Magnetic Torque Drive
	Trip odometer (std., opt., n.a.)	Standard	Standard
EGR maintenance indicator		—	—
Charge indicator	Type	Voltmeter	Voltmeter
	Warning device	—	—
Temperature indicator	Type	Light	Magnetic Gage
	Warning device	—	—
Oil pressure Indicator	Type	Light	Magnetic Gage
	Warning device	—	Light
Fuel Indicator	Type	Magnetic Gage	Magnetic Gage
	Warning device	—	—
Windshield wiper	Type (standard)	Electric 2-Speed, Intermittent Wipe	
	Type (optional)	—	
	Blade length	406.4 (16)	
	Swept area [cm²(in.²)]	2-Door: 4741 (735) 4-Door: 4755 (737)	
Windshield washer	Type (standard)	Electric	
	Type (optional)	—	
	Fluid level indicator	—	
Horn	Type	Four-Inch Seashell	
	Number used	Two, Standard	
Other			



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**Passenger Car**  
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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (●)

Engine Description/Carb.  
 Engine Code

1.6L (97.1 in³) 2 bbl., ECA	2.2L (135.0 in³)		
	2 bbl., EDE	2 bbl., EDJ	EFI Turbo, EDG

**Electrical - Supply System**

Battery	Make	Mopar		
	Model, std., (opt.)	GRP 26		
	Voltage	12V		
	Amps at 0°F cold crank	335 (430)		
	Minutes-reserve capacity	62 (100)		
	Amp/hrs. - 20 hr. rate	—		
	Location	Left Front Fender Side Shield		
Alternator	Type and rating	65 Amp	60 Amp	78 Amp
	Ratio (alt. crank/rev.)	2.2:1	2.4:1	
	Optional (type & rating)	—	78 Amp	—
Regulator	Type	Electronic		

**Electrical - Starting System**

Start, motor	Current drain at 0°F	180-220A	200-240A
Motor drive	Engagement type	Solenoid Shift	
	Pinion engages from (front, rear)	Front	

**Electrical - Ignition System**

Type	Conventional (std., opt., n.a.)		Not Available		
	Electronic (std., opt., n.a.)		Standard		
	Other (specify)		Spark Control Computer w/Feedback Carburetor Controller		
Coil	Make		Essex or Prestolite		
	Model		4111468	4289390	
	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		0.89 (0.035)		
Distributor	Make		Chrysler		
	Model		5213575	5206975	5213525

**Electrical - Suppression**

Locations & type	
------------------	--

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

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Body Type

**24**

**44**

**Body - Miscellaneous Information**

Type of finish (lacquer, enamel, other)		Buffable Acrylic Enamel	
Hood	Hinge location (front, rear)	Rear	
	Type (counterbalance, prop)	Prop	
	Release control (internal, external)	Internal	
Trunk lid	Type (counterbalance, other)	—	
	Internal release control (elec., mech., n.a.)	—	
Hatch back lid	Type (counterbalance, other)	Gas Pressurized Struts	
	Internal release control (elec., mech., n.a.)	Mechanical	
Bumper front	Bar material & mass (wt.)	Urethane Fascia 6.9 (15.3)	Aluminum Extrusion 3.9 (8.6)
	Reinforcement material & mass (wt.)	Aluminum 4.8 (10.75)	None
Bumper rear	Bar material & mass (wt.)	Urethane Fascia 3.7 (8.2)	Aluminum Extrusion 3.9 (8.6)
	Reinforcement material & mass (wt.)	Steel 9.5 (21.0)	None
Vent window control (crank, friction, pivot, power)	Front	None	
	Rear	None	
Seat cushion type	Front	Zigzag Element Platform with Full Volume Foam	
	Rear	Full Volume Foam	
	3rd seat	—	
Seat back type	Front	Full Foam	
	Rear	Full Foam	
	3rd seat	—	
Vehicle ident. no. location		Left End of Instrument Panel (Driver's Side of Vehicle)	
(a) Shelby Turbo Charger: Urethane Fascia-7.6 (16.8)			

**Frame**

Type and description (separate frame, unitized frame, partially-unitized frame)

Unitized Construction

**Glass**

Backlight slope angle (deg.)	H121	68.5°	53°
Windshield slope angle (deg.)	H122	59.5°	53.8°
Tumble-Home (deg.)	W122	25°	20.8°
Windshield glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S1	7856 (1218)	7764 (1203)
Side glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S2	10173 (1577)	10488 (1626)
Backlight glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S3	11326 (1756)	6803 (1054)
Total glass exposed surface area [cm <sup>2</sup> (in. <sup>2</sup> )]	S4	29355 (4550)	25055 (3883)
Windshield glass (type)		Laminated Safety Glass	
Side glass (type)		Heat Treated Safety Glass	
Backlight glass (type)		Heat Treated Safety Glass	

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

Car Line DODGE OMNI/CHARGER  
 Model Year 1985 Issued 6-8-84 Revised (\*) \_\_\_\_\_

Body Type

24	44
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**Restraint System**

Active restraint system	Standard/optional	Standard	
	Type and description	Front: Lap and Shoulder Belt	Rear: Lap Belt
	Location	Front: Two	Rear: Three
Passive seat belts	Standard/optional	—	
	Power/manual	—	
	2 or 3 point	—	
	Knee bar/lap belt	—	

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

Car Line **DODGE OMNI/CHARGER**

Model Year **1985**

Issued **6-8-84**

Revised (•)

Body Type

All

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

Air conditioning (manual, auto. temp. control)		Manual - Opt. N.A. w/1.6L Engine	
Clock (digital, analog)		Digital Std. w/Radio	
Compass/thermometer		N.A.	
Console (floor, overhead)		Floor	Std. - Premium Opt. - All Others
Defroster, elec. backlight		EBL - Opt.	
Electronic	Diagnostic warning (integrated, individual)	N.A.	
	Instrument cluster (list instruments)	N.A.	
	Keyless entry	N.A.	
	Tripminder (avg. spd., fuel)	N.A.	
	Voice alert (list items)	N.A.	
	Other		
Fuel door lock (remote, key, electric)		N.A.	
Lamps	Auto head on/off delay, dimming	N.A.	
	Cornering	N.A.	
	Courtesy (map, reading)	Std. - Sport	Opt. - High/Premium
	Door lock, ignition	Ignition - Opt.	
	Engine compartment	N.A.	
	Fog	Opt. Only w/Package	
	Glove Compartment	Opt.	
	Trunk (Luggage)	Std. - 4-Door	Opt. - 2-Door
	Other Dome	Std.	
	Shift Indicator	Std.	N.A. w/Automatic
Mirrors	Day/night (auto. man.)	Manual - Std.	
	L.H. (remote, power, heated)	Remote - Std.	
	R.H. (convex, remote, power, heated)	Remote	Std. - Premium/Sport Opt. - All Others
	Visor vanity (RH/LH, illuminated)	RH - Std.	RH w/Visor Vanity - Opt. (Std. - Prem.)
Parking brake - auto release (warning light)		Std.	
Power equipment	Door locks/deck lid-specify	Liftgate Release - Std.	N.A. 4-Door
	Seat (2-4-6 way) heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass) memory (1-2 preset, recline)	N.A.	
	Side windows	N.A.	
	Vent windows	N.A.	
	Rear window	N.A.	
Radio systems	Antenna (location, whip, w/shield, power)	Whip - Std.	Right Front Fender
	AM, FM, stereo, tape, CB	*(a)	
	Speaker (number, location) Premium sound	N.A.	
Roof open air/fixed (flip-up, sliding, "T")		Sun Roof - Opt.	N.A. 4-Door
Speed control device		Opt.	N.A. - 1.6L Engine, Sport
Speed warning device (light, buzzer, etc.)		N.A.	
Tachometer (rpm)		N.A.	
Theft protection-type		Inside Hood Release - Std. Glove Box Lock - Std. Locking Steering Column - Std.	

\* See Page 19A

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

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (#) \_\_\_\_\_

- (a) AM Electronically Tuned Radio  
Std. - Premium/4-Door High  
Opt. - 2-Door High/4-Door Economy

AM/FM/MX ETR - Opt.  
Std. - Sport  
Opt. - All

AM/FM/MX Cassette/ETR - Opt.  
Opt. - All

AM/FM/MX Cassette/ETR Ultimate Sound  
System (Includes Premium Speakers) - Opt.  
Opt. - All

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

#### Car and Body Dimensions See Key Sheets for definitions

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.

Car Line **DODGE OMNI/CHARGER**

Model Year **1985**

Issued **6-8-84**

Revised (\*)

Body Type	SAE Ref. No.	24	44
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#### Width

Tread (front)	W101	1425 (56.1)	
Tread (rear)	W102	1415 (55.7)	
Vehicle width	W103	1680 (66.1)	1682 (66.8)
Body width at Sg RP (front)	W117	1675 (65.9)	1620 (63.8)
Vehicle width (front doors open)	W120	3850 (151.6)	3319 (130.7)
Vehicle width (rear doors open)	W121	—	2762 (108.7)

#### Length

Wheelbase	L101	2451 (96.5)	2517 (99.1)
Vehicle length (a)	L103	4440 (174.8) (f)	4119 (162.1)
Overhang (front)	L104	983 (38.7) (g)	787 (31.0)
Overhang (rear)	L105	1006 (39.5)	815 (32.0)
Upper structure length	L123	2771 (109.1)	2577 (101.5)
Rear wheel C/L "X" coordinate	L127	2543 (100.1)	2609 (102.7)
Cowl point "X" coordinate	L125	530 (20.9)	534 (21.0)

#### Height\*

Passenger distribution (frt./rear)	PD1,2,3	2-Front, 3-Rear	
Trunk/cargo load		—	
Vehicle height	H101	1289 (50.7) (b)	1346 (53.0)
Cowl point to ground	H114	887 (34.9)	891 (35.1)
Deck point to ground	H138	821 (32.3)	841 (33.1)
Rocker panel - front to ground	H112	226 (8.9)	213 (8.4)
Bottom of door closed - front to grd.	H133	251 (9.9)	269 (10.6)
Rocker panel - rear to ground	H111	198 (7.8)	226 (8.9)
Bottom of door closed - rear to grd.	H135	—	257 (10.5)

#### Ground Clearance\*

Front bumper to ground	H102	269 (10.6)	366 (14.4)
Rear bumper to ground	H104	243 (9.6)	302 (11.9)
Bumper to ground [front at curb mass [wt.]]	H103	284 (11.2)	385 (15.2)
Bumper to ground [rear at curb mass (wt.)]	H105	332 (13.1)	388 (14.3)
Angle of approach (degrees)	H106	16° (c)	20°
Angle of departure (degrees)	H107	13° (d)	21°
Ramp breakover angle (degrees)	H147	14° (e)	15°
Rear axle differential to ground	H153	N.A.	
Min. running ground clearance	H156	121 (4.5)	121 (4.5)
Location of min. run. grd. clear.		Front Suspension Crossmember	

\* 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.

(a) Includes Guards (b) Shelby Charger: 1275 (50.2) (c) Shelby Charger: 10.1° (d) Shelby Charger: 10.1°  
(e) Shelby Charger: 11.6° (f) Shelby Charger: 4437 (174.7) (g) Shelby Charger: 980 (38.6)

**MVMA Specifications Form****Passenger Car****METRIC (U.S. Customary)****Car and Body Dimensions** See Key Sheets for definitionsCar Line **DODGE OMNI/CHARGER**Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Body Type	SAE Ref. No.	24 Low-Back	44 Low-Back
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**Front Compartment**

Sg RP front, "X" coordinate	L31	1420 (55.9)	1409 (55.5)
Effective head room	H61	946 (37.2)	967 (38.1)
Max. eff. leg room (accelerator)	L34	1079 (42.5) (a)	1069 (42.1)
Sg RP (front to heel)	H30	215 (8.5)	240 (9.4)
Design H-point front travel	L17	191 (7.5)	191 (7.5)
Shoulder room	W3	1326 (55.2)	1314 (51.7)
Hip room	W5	1336 (52.6)	1336 (52.6)
Upper body opening to ground	H50	1168 (46.0)	1237 (48.7)
Steering wheel angle	H18	25°	25°
Back angle	L40	26°	26°

**Rear Compartment**

Sg RP Point couple distance	L50	667 (26.3)	749 (29.5)
Effective head room	H63	874 (34.4)	937 (36.9)
Min. effective leg room	L51	728 (28.7)	846 (33.3)
Sg RP (second to heel)	H31	273 (10.7)	307 (12.1)
Knee clearance	L48	-84 (-3.3) (b)	-30 (-1.2)
Compartment room	L3	550 (21.7) (c)	628 (24.7)
Shoulder room	W4	1292 (50.9)	1309 (51.5)
Hip room	W6	1172 (46.1)	1178 (46.4)
Upper body opening to ground	H51	—	1227 (48.3)
Back angle	L41	22°	26°

**Luggage Compartment**

Usable luggage capacity [L (cu. ft.)]	V1	303 (10.7) (d)	297 (10.5) (e)
Liftover height	H195	701 (27.6)	739 (29.1)

**Interior Volumes (EPA Classification)**

Vehicle class		Subcompact	Compact
Interior volume index (cu. ft.)		95.5	100.2
Trunk/cargo index (cu. ft.)		527 (18.6)	442 (15.6)

(a) Shelby Hi-Back Bucket: 1057 (41.6)

(b) Shelby Hi-Back Bucket: -96 (-3.8)

(c) Shelby Hi-Back Bucket: 543 (21.4)

(d) With Tonneau Cover

(e) With Shelf Panel

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•)

Body Type

SAE Ref. No.	24		44	
	Low-Back Bucket	Hi-Back Bucket	Low-Back Bucket	Hi-Back Bucket

### Station Wagon — Third Seat

Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
Effective T-point head room	H89	
Seat facing direction	SD1	
Back angle	L88	

### 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 <sup>3</sup> (ft. <sup>3</sup> )]	V2	
Hidden cargo volume [m <sup>3</sup> (ft. <sup>3</sup> )]	V4	
Cargo volume, index-rear of 2-seat	V10	

### Hatchback — Cargo Space

Front seat back to load floor height	H197	532 (20.9)	613 (24.1)	554 (21.8)	636 (25.0)
Cargo length at front seat back height	L208	1102 (43.4)	884 (34.8)	1044 (41.1)	926 (36.5)
Cargo length at floor (front)	L209	1574 (62.0)	1567 (61.7)	1576 (62.0)	1569 (61.8)
Cargo volume index [m <sup>3</sup> (ft. <sup>3</sup> )]	V3	0.918 (32.4)	0.971 (34.3)	0.936 (33.0)	1.03 (36.6)
Hidden cargo volume [m <sup>3</sup> (ft. <sup>3</sup> )]	V4	—	—	—	—
Cargo volume index-rear of 2-seat	V11	—	—	—	—

### Aerodynamics\*

Wheel lip to ground, front	622 (24.5)	606 (23.9)
Wheel lip to ground, rear	604 (23.8)	610 (24.0)
Frontal area [(m <sup>2</sup> (ft <sup>2</sup> ))] (a)	1.84 m <sup>2</sup> (19.84 ft <sup>2</sup> )	1.89 m <sup>2</sup> (20.3 ft <sup>2</sup> )
Drag coefficient (Cd)	N.A.	N.A.

\* Describe measurement method.

(a) Two Outside Mirrors, Radio Antenna and All Tires



# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Body Type

All

### Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	The center of gauge holes located in front longitudinals approximately 658 mm (25.9) from centerline of front wheels.
Rear	The center of gauge holes located in rear longitudinals approximately 3023 mm (119.0) from centerline of front wheels.
Fiducial Mark Number	
Front	W21 414 (16.3)
	L54 750 (29.5)
	H81 -30.7 (-1.2) Bottom Surface of Longitudinal
	H161
	H163
Rear	W22 502 (19.76)
	L55 3114 (122.6)
	H82 145 (5.7) Bottom Surface of Longitudinal
	H162
	H164

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

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

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•) \_\_\_\_\_

Body Type	SAE Ref. No.	24	44
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**Lamps and Headlamp Shape\***

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	635 (25.0)	633 (24.9)
		Lowest		
	Taillamp (H128)	Highest**	658 (25.9)	674 (26.5)
		Lowest		
	Sidemarker	Front	400 (15.7)	629 (24.8)
		Rear	661 (26.0)	756 (29.8)
Distance from C/L of car to center of bulb	Headlamp	Inside	395 (15.6)	
		Outside**	572 (22.5)	503 (19.8)
	Taillamp	Inside		
		Outside**	638 (25.1)	585 (23.0)
	Directional	Front	576 (22.7)	700 (27.6)
		Rear	638 (25.1)	585 (23.0)
	Headlamp shape			Rectangular

\*Measured at curb mass (weight).

\*\*If single lamps are used enter here.

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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•)

**Estimated**

	Vehicle Mass (weight)							
Model	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	
STANDARD ENGINE MODEL								
1.6L Engine (97.1 in³)								
CHARGER	612	393	1005	47.9	52.1	20.5	79.5	978
2-Door Hatchback	(1348)	(867)	(2215)					(2155)
OMNI	604	373	977	49.6	50.4	20.0	80.0	950
4-Door Hatchback	(1332)	(822)	(2154)					(2094)
OMNI SE	605	381	986	49.6	50.4	20.0	80.0	959
4-Door Hatchback	(1334)	(840)	(2174)					(2114)
2.2L ENGINE (135.0 in³)								
Hi-Performance								
CHARGER 2.2	663	410	1073	47.9	52.1	20.5	79.5	1046
2-Door Hatchback	(1461)	(905)	(2366)					(2306)
2.2L ENGINE (135.0 in³)								
Turbo								
SHELBY TURBO CHARGER	692	422	1114	47.9	52.1	20.5	79.5	1087
2-Door Hatchback	(1526)	(931)	(2457)					(2397)
OPTIONAL ENGINE MODELS								
2.2L Engine (135.0 in³)								
OMNI	630	368	998	49.6	50.4	20.0	80.0	971
4-Door Hatchback	(1388)	(812)	(2200)					(2140)
OMNI SE	631	376	1007	49.6	50.4	20.0	80.0	980
4-Door Hatchback	(1390)	(830)	(2220)					(2160)
CHARGER	637	389	1026	47.9	52.1	20.5	79.5	998
2-Door Hatchback	(1404)	(857)	(2261)					(2201)
CHARGER 2.2	675	410	1085	47.9	52.1	20.5	79.5	1058
2-Door Hatchback	(1488)	(904)	(2392)					(2332)
(Automatic Trans. Only)								
CURB WEIGHT: THE WEIGHT OF A VEHICLE WITH STANDARD EQUIPMENT WITH FULL QUANTITIES OF GAS, OIL AND WATER. SHIPPING WEIGHT: SAME AS CURB WEIGHT, EXCEPT WITH 3 GALLONS OF GASOLINE.								

\* Reference - SAE J1100a, Motor vehicle dimensions, curb weight definition.

\*\* Shipping mass (weight) definition —

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Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (•)

**Estimated**

**Optional Equipment Differential Mass (weight)\***

Equipment	MASS, kg. (weight, lb.)			Remarks
	Front	Rear	Total	
Cargo Compt. Dress Up	-0.5 (-1)	2.3 (5)	1.8 (4)	W/Silencer Pkg. 2 Dr. Models - STD Shelby
Cargo Compt. Dress Up	-0.4 (-1)	7.7 (17)	7.3 (16)	W/Silencer Pkg-4 Dr. Models
Console	2.3 (5)	0.4 (1)	2.7 (6)	STD Charger 2.2
Center Arm Rest	1.8 (4)	1.8 (4)	3.6 (8)	
Tonneau Cover	-0.4 (-1)	2.7 (6)	2.3 (5)	2 Dr. Models
Automatic Trans.	15.0 (33)	-0.9 (-2)	14.1 (31)	2.2L Engine
Bumper Guards	0.9 (2)	0.9 (2)	1.8 (4)	4 Dr. Models
Air Conditioning	34.5 (76)	-2.7 (-6)	31.8 (70)	Except 1.6L Engine (N/A)
Rear Wiper-Washer	-0.4 (-1)	4.5 (10)	4.1 (9)	4 Dr. Models
Undercoating	0.9 (2)	1.4 (3)	2.3 (5)	
Rear Spoiler	-0.9 (-2)	4.1 (9)	3.2 (7)	2 Dr. Models. STD Charger 2.2
Sun Roof	2.8 (6)	5.4 (12)	8.2 (18)	2 Dr. Models
Backlite Louver	0 (0)	6.4 (14)	6.4 (14)	Charger 2.2
Maximum Cooling	2.3 (5)	-0.5 (-1)	1.8 (4)	Non A/C Models
Speed Control	1.8 (4)	0 (0)	1.8 (4)	N.A. 1.6L & 2.2L Turbo Engines
Radio - AM	1.4 (3)	.4 (1)	1.8 (4)	Omni, Charger
Radio AM/FM ETR w/Cassette	2.7 (6)	3.2 (7)	5.9 (13)	Prem. w/Gra/Equal. Charger 2.2
Radio AM/FM ETR w/Cassette	1.8 (4)	.5 (1)	2.3 (5)	Prem. w/Gra/Equal. Shelby
Radio AM/FM ETR w/Cassette	4.1 (9)	3.6 (8)	7.7 (17)	Prem. w/Gra/Equal. Charger
Power Steering	9.1 (20)	.4 (1)	9.5 (21)	STD Turbo Engine
Firm Feel Suspension	1.4 (3)	3.1 (7)	4.5 (10)	STD Charger 2.2
P195/60 R14 SBR RWL Tires	3.6 (8)	4.1 (9)	7.7 (17)	Charger, STD Charger 2.2
Conventional Spare Tire	-0.4 (-1)	2.7 (7)	2.3 (6)	Charger, Omni, & Omni SE
Conventional Spare Tire	-0.9 (-2)	9.1 (20)	8.2 (18)	Charger 2.2

\* Also see Engine — General Section for dressed engine mass (weight).

**METRIC (U.S. Customary)**

Car Line **DODGE OMNI/CHARGER**

Model Year **1985** Issued **6-8-84** Revised (●)

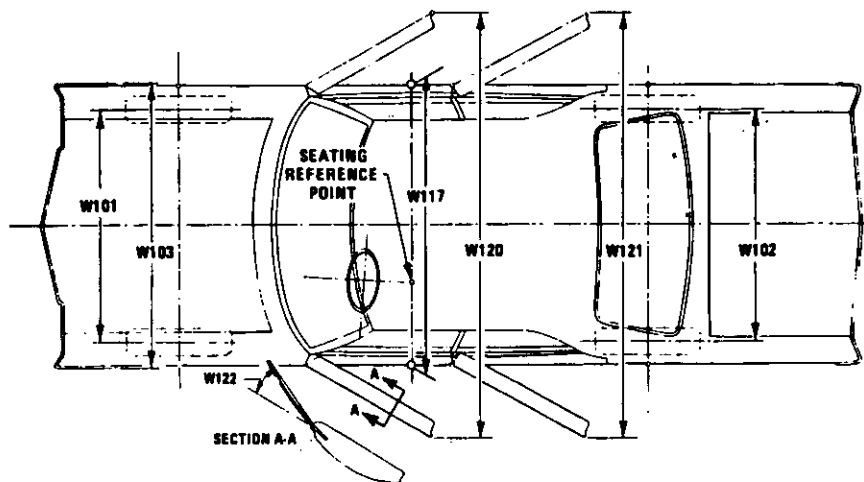
**Estimated**[illegible]

\* Also see Engine — General Section for dressed engine mass (weight).

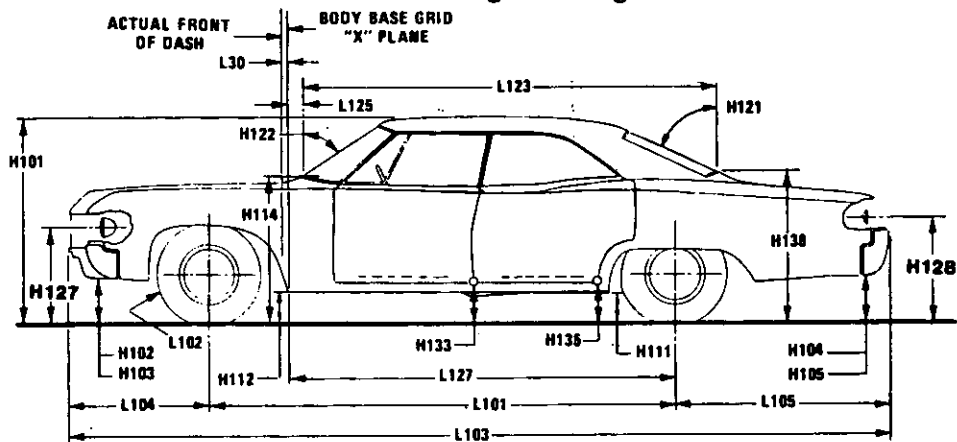
**MVMA Specifications Form**  
**Passenger Car**  
**METRIC (U.S. Customary)**

**Exterior Car And Body Dimensions – Key Sheet**

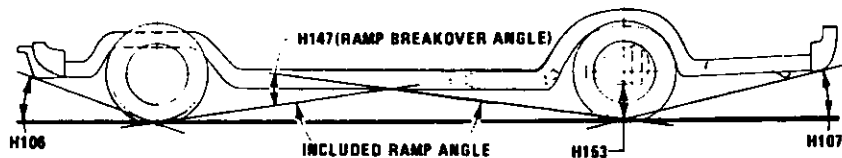
**Exterior Width**



**Exterior Length & Height**



**Exterior Ground Clearance**



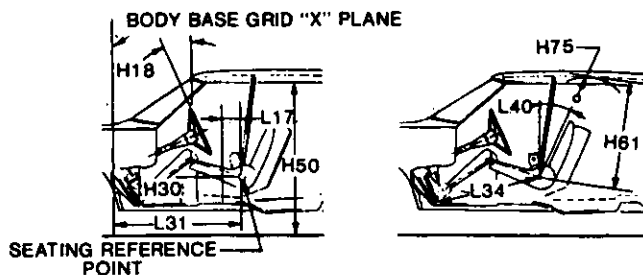
# MVMA Specifications Form

## Passenger Car

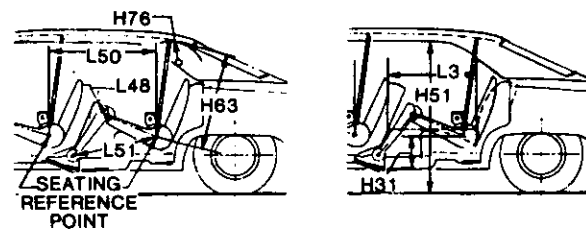
METRIC (U.S. Customary)

### Interior Car And Body Dimensions – Key Sheet

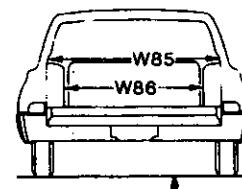
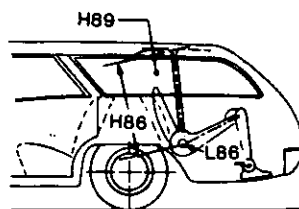
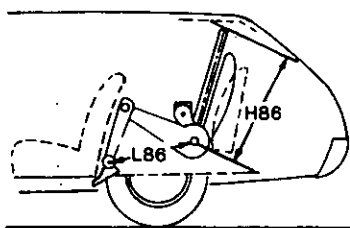
#### Front Compartment



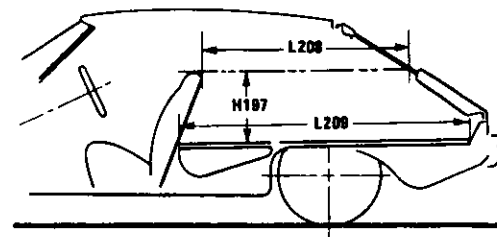
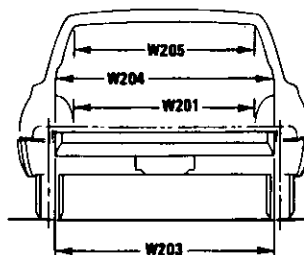
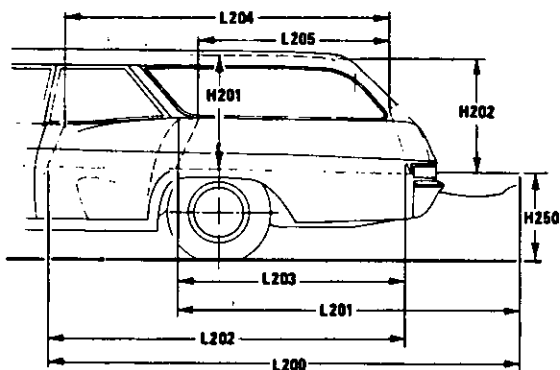
#### Rear Compartment



#### Third Seat



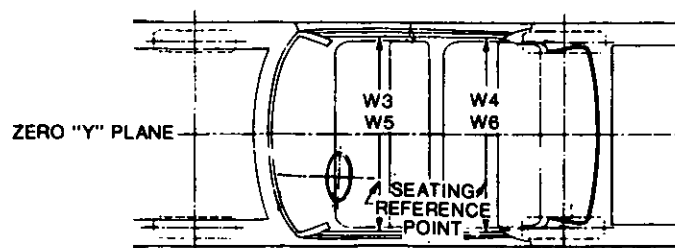
#### Cargo Space



#### Hatchback

#### Station Wagon

#### Interior Width



# MVMA Specifications Form

## Passenger Car

### 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 positions. 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 glass at the front SgRP "X" plane.

#### Length Dimensions

- L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of 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.
- 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 lock 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.
- H122 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 dimension 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.
- 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.



# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

#### Interior Car And Body Dimensions – Key Sheet

##### Dimensions Definitions

- 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 minimum dimension measured from the rear axle differential to ground.
- H156** MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

#### Front Compartment Dimensions

- 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 plus 762 mm (30 in.).
- L34** MAXIMUM EFFECTIVE LEG ROOM—ACCELERATOR. 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 undepressed 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 positions.
- W3** SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP—front within the belt line and 254 mm (10.0 in.) above the SgRP—front.
- W5** HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on 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.
- H50** 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 measured from a vertical to the surface plane of the steering wheel.
- BACK ANGLE—FRONT.** The angle measured between a vertical line through the SgRP—front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L40** BACK ANGLE—FRONT. The angle measured between a vertical line through the SgRP—front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

#### Rear Compartment Dimensions

- PD2** PASSENGER DISTRIBUTION—SECOND.
- L50** SgRP 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.
- L-41** Same as L-40.

#### 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.

#### Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The interior volume index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity. The interior volume index is an estimate of the size of the passenger compartment.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks, it is an estimate of the space behind the second seat.

#### Station Wagon – Third Seat Dimensions

- PD3** PASSENGER DIRECTION—THIRD.
- 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 SgRP—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.
- L-88** Same as L-40.

#### Station Wagon – Cargo Space Dimensions

- L200** CARGO LENGTH—OPEN—FRONT. The minimum dimension measured longitudinally from the back of the front

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

#### Interior Car And Body Dimensions - Key Sheet

##### Dimensions Definitions

#### Station wagon - Cargo Space Dimensions (con't.)

- seatback at the height of the undeepressed floor covering to the rearmost point on the undeepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional 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 undeepressed 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 undeepressed floor covering to the rearmost point on the undeepressed 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 undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate 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 cab 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 door 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 undeepressed 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 undeepressed 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 undeepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.
- V2 STATION WAGON  
Measured in inches:  

$$\frac{W4 \times H201 \times L204}{1728} = \text{ft.}^3$$
 Measured in mm:  

$$\frac{W4 \times H201 \times L204}{10^9} = \text{m}^3 \text{ (cubic meter)}$$
- V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

#### V10 STATION WAGON (REAR OF SECOND SEAT) Measured in inches:

$$\frac{W4 \times H201 \times L205}{1728} = \text{ft.}^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L205}{10^9} = \text{liters}$$

#### 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).

- H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undeepressed floor covering.
- H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT. The vertical dimension from the horizontal tangent to top of seatback to undeepressed floor covering at zero "Y" plane.
- 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.
- L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT-HATCHBACK. The horizontal dimension from the "X" plane tangent to rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "Y" plane.
- L211 CARGO LENGTH AT FLOOR-HATCHBACK-SECOND. The horizontal dimension at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.
- V3 HATCHBACK.

Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = \text{ft.}^3$$

Measured in mm:

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

#### V11 HATCHBACK (REAR OF SECOND SEAT) Measured in inches:

$$\frac{W4 \times H198 \times \frac{L210 + L211}{2}}{1728} = \text{ft.}^3$$

Measured in mm:

$$\frac{W4 \times H198 \times \frac{L210 + L211}{2}}{10^9} = \text{litres}$$

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

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