Specifications Form

Passenger Car

1983

METRIC (U.S. Customary)

Manufacturer	Car Line	
PONTIAC MOTOR DIVISION GENERAL MOTORS CORPORATION	6000	
Mailing Address	**Model Year**	**Issued:** 10-15-82
ONE PONTIAC PLAZA PONTIAC, MI 48053	1983	**Revised (•)**

MVMA Specifications Form
Passenger Car

1983 6000

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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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Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

Car Models

Model Description	Introduction Date	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Truck/Cargo Load—Kilograms (Pounds)
6000				
4-DOOR NOTCHBACK SEDAN	9-23-82	2AF19		
2-DOOR NOTCHBACK COUPE	9-23-82	2AF27		
6000 LE				
4-DOOR NOTCHBACK SEDAN	9-23-82	2AG19		
2-DOOR NOTCHBACK COUPE	9-23-82	2AG27		
6000 STE				
4-DOOR NOTCHBACK SEDAN	9-23-82	2AH19		

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Power Teams (Indicate whether standard or optional)

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

SERIES AVAILABILITY	ENGINE						TRANSMISSION	AXLE RATIO (std. first) (indicate A/C ratio)
	Displ. Liters (in^3)	Carb. (Barrels, FI, etc.)	Compr. Ratio	SAE Net at RPM kW (bhp)	SAE Net at RPM Torque N - m (lb. ft.)	Exhaust System*		
STANDARD 6000 Coupe Sedan LE Coupe Sedan	LR8 2.5 L4	FI	8.2	68 @ 4000 (94 @ 4000)	179 @ 2800 (135 @ 2800)	S	3A - 125C	2.39 2.84 Opt.
STE	LH7 2.8 V6	2	8.9	98 @ 5400 (130 @ 5400)	197 @ 2400 (145 @ 2400)	S	3A - 125C	3.33
OPTIONAL ALL EXCEPT STE	LE2 2.8 V6	2	8.5	84 @ 4800 (112 @ 4800)	197 @ 2400 (145 @ 2400)	S	3A - 125C	2.84
ALL	LT7 4.3 V6 DIESEL	D	21.6	63 @ 3600 (85 @ 3600)	224 @ 1600 (165 @ 1600)	S	3A - 125C	2.39
STE	LT7 4.3 V6 DIESEL	D	21.6	63 @ 3600 (85 @ 3600)	224 @ 1600 (165 @ 1600)	S	4A - 400T4	3.06

* S—Single D—Dual

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Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR RPO LE2	2.8L V6 H.O. 2-BBL. CARBURETOR RPO LH7 - STE

ENGINE — GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, etc.)		In-Line Front	60° V	
		Transverse, Front of Engine Faces Right Side of Vehicle		
No. of cylinders		4	6	
Bore		101.6 (4.0)	89 (3.50)	
Stroke		76.2 (3.0)	76 (2.99)	
Bore spacing (c/l to c/l)		111.8 (4.40)		
Cylinder block material		Cast Alloy Iron		
Cylinder block deck height		232.8 (9.2)	224 (8.819)	
Deck clearance (minimum) (above or below block)		.63 (.025) Below	0.64 (.025) Below	
Cylinder head material		Cast Alloy Iron		
Cylinder head volume (cm^3)		—	—	
Head gasket thickness (compressed)		0.97 (.038)	0.838 (0.033)	
Minimum combustion chamber volume (cm^3)		81.79 (4.99)	51.5 (3.14)	51.346 (3.133)
Cyl. no. system (front to rear)*	L. Bank	1-2-3-4	2-4-6	
	R. Bank	—	1-3-5	
Firing order		1-3-4-2	1-2-3-4-5-6	
Recommended fuel (leaded, unleaded, diesel)		Unleaded		
Fuel antiknock index $\frac{(R+M)}{2}$		87		
Total dressed engine mass (wt) dry**		156.8 (346)	176.5 (389)	

Engine — Pistons

Material		Cast Aluminum Alloy	
Mass, g (weight, oz.) — Piston Only		650 (22.96)	467 (16.47)

Engine — Camshaft

Location		Right Side of Block	In Block	
Material (kg., weight, lbs.)		Cast Iron		
Mass (kg., weight, lbs.)		3.546 (7.82)	3.098 (6.83)	
Type of drive (chain or belt)	Width	—	19.0 (.748) Chain	
	Pitch	—	9.53 (.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: All those items necessary to make the engine a complete ready-to-run unit.

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Car Line 6000
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Engine Description/Carb. Engine Code	4.3L V6 (262 CID) FUEL INJECTION DIESEL RPO LT7

ENGINE — GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, etc.)		90° V6 Transverse, Front of Engine Faces Right Side of Vehicle
No. of cylinders		6
Bore		103.05 (4.057)
Stroke		85.98 (3.385)
Bore spacing (c/l to c/l)		117.5 (4.625)
Cylinder block material		Cast Alloy Iron
Cylinder block deck height		237 (9.330 + .005)
Deck clearance (minimum) (above or below block)		.46 (0.18) - Above
Cylinder head material		Cast Iron
Cylinder head volume (cm^3)		21.48 (1.311 in^3)
Head gasket thickness (compressed)		1.17-1.22 (.046-.048)
Minimum combustion chamber volume (cm^3)		33.41 (2.039)
Cyl. no. system (front to rear)*	L. Bank	1-3-5
	R. Bank	2-4-6
Firing order		1-6-5-4-3-2
Recommended fuel (leaded, unleaded, diesel)		Diesel Fuel #2 (Above 20° F)*
Fuel antiknock index $\frac{(R+M)}{2}$		—
Total dressed engine mass (wt) dry**		231.8 (511.0)

Engine — Pistons

Material	Cast Aluminum Alloy
Mass, g (weight, oz.) — Piston Only	796 (28.08)

Engine — Camshaft

Location		Center
Material (kg., weight, lbs.)		Forged Steel
Mass (kg., weight, lbs.)		3.714 (8.19)
Type of drive (chain or belt)	Width	Chain - 14.48 (.570)
	Pitch	12.7 (.500)

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

** Dressed engine mass (weight) includes the following:

*Diesel Fuel #1.
(Below 20° F)

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Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR	
		RPO LE2	RPO LH7 HO - STE

Engine — Valve System

Lifters (std., opt., n.a.)	Hydraulic	Standard		
	Solid	—		

Engine — Connecting Rods

Material & mass (kg., weight, lbs.)	Cast Arma Steel	1038 Steel	

Engine — Crankshaft

Material (kg., weight, lbs.)	Nodular Cast Iron		
Mass (kg., weight, lbs.)	13.660 (30.11)	14.170 (31.24)	
End thrust taken by bearing (no.)	5	3	

Engine — Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	259 (37.5)	345-450(50-65)@2000	345-450(50-65)@1200
Type oil intake (floating, stationary)	Stationary		
Oil filter system (full flow, part, other)	Full Flow		
Capacity of c/case, less filter-refill-L (qt.)	2.8 (3.0)	3.8 (4.0)	

Engine — Diesel Information

Glow plug, current drain at 0°F			
Injector nozzle	Type	Not	
	Opening pressure [kPa (psi)]		
Pre-chamber design		Applicable	
Fuel injection pump	Manufacturer		
	Type		
Supplementary vacuum source (type)			

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Engine Description/Carb. Engine Code	4.3L V6 (262 CID) FUEL INJECTION DIESEL RPO LT7

Engine — Valve System

Lifters (std., opt., n.a.)	Hydraulic	Standard
	Solid	—

Engine — Connecting Rods

Material & mass (kg., weight, lbs.)	1140 Steel - 8835 (31.17)

Engine — Crankshaft

Material (kg., weight, lbs.)	Nodular Cast Iron
Mass (kg., weight, lbs.)	18.143 (40.0)
End thrust taken by bearing (no.)	3

Engine — Lubrication System

Normal oil pressure [kPa (psi) at engine rpm]	207-310 @ 150 RPM (30-45 PSI)
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	
Capacity of c/case, less filter-refill-L (qt.)	5.7 (6.0 Qt) Service With Filter

Engine — Diesel Information

Glow plug, current drain at 0°F		18 Amps
Injector nozzle	Type	Poppet
	Opening pressure [kPa (psi)]	6900 +/- 690 (1000 +/- 100)
Pre-chamber design		Side Exit
Fuel injection pump	Manufacturer	Stanadyne/Cav
	Type	DB2
Supplementary vacuum source (type)		Mechanical Pump

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

Induction type: carburetor, fuel injection system, etc.			Fuel Injection	Carburetor
Carburetor	Mfgr.			Rochester
	Choke (type)		Not Available	Electric
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual		
		Automatic		
Idle A/F mix.			Preset	
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	Exhaust
Air cleaner type	Standard		Replaceable Paper Element, Single Snorkel	
	Optional		—	
Fuel pump	Type (elec. or mech.)		Electric	Mechanical
	Location (eng., tank)		In Fuel Tank	On Engine Left Front
	Pressure range [kPa (psi)]		83 (12.0)	41-52 (6.0-7.5)

Fuel Tank

Capacity [refill L (gallons)]		59.4 (15.7) Approx.	62.1 (16.4) Approx.
Location (describe)			
Attachment			
Material			
Filler pipe	Location & material	Left Rear Quarter	
	Connection to tank		
Fuel line (material)			
Fuel hose (material)			
Return line (material)			
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 Description/Carb. Engine Code	4.3L V6 (262 CID) FUEL INJECTION DIESEL RPO LT7

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

Induction type: carburetor, fuel injection system, etc.			Fuel Injection
Carburetor	Mfgr.		--
	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.)		Cylinder Head
	Constant, pulse, flow		Pulse
	Control (electronic, mech.)		Mechanical
	System pressure [kPa (psi)]		6900 kPa +/- 690 (1000 +/- 100)
Intake manifold heat control (exhaust or water) thermostatic or fixed			--
Air cleaner type	Standard		Oil Wetted Paper Element
	Optional		--
Fuel pump	Type (elec. or mech.)		Electric
	Location (eng., tank)		Top Center of Engine
	Pressure range [kPa (psi)]		37.92-44.82 (5.5-6.5)

Fuel Tank

Capacity [refill L (gallons)]		62.8 (16.6) Approx.
Location (describe)		Underside - Rear Center
Attachment		Underbody Strap
Material		Steel #1008 or 1010 GM-124-M
Filler pipe	Location & material	Driver Side Rear Quarter
	Connection to tank	Solid Solder
Fuel line (material)		Steel #1008 or 1010 GM-124-M
Fuel hose (material)		Rubber
Return line (material)		Steel #1008 or 1010 GM-124-M
Vapor line (material)		Steel #1018 or 1010 GM-124-M
Extended range tank	Opt., n.a.	Not Available
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
Auxiliary tank	Opt., n.a.	Not Available
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
	Selector switch or valve	
	Separate fill	

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Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR RPO LE2	RPO LH7 HO - STE

Engine — Cooling System

Coolant recovery system (std., opt., n.a.)		Standard		
Coolant fill location (rad., bottle)		Bottle		
Radiator cap relief valve pressure (kPa (psi))		103.4 (15.0)		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at °C (°F)	90 (195°)		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM 1000 pump rpm	—	10.2	
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
	Bearing (type)	Sealed Double Row Ball		
By-pass recirculation (type (inter., ext.))		Internal		
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross Flow		
Cooling system capacity	With heater—L(qt.)	11.82 (12.5)		
	With air cond.—L(qt.)	9.48 (10)		
	Opt. equipment (specify—L(qt.))	9.30 (9-8) H.D. Rad.		
Water jackets full length of cyl. (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator core	Standard — Width	430 (16.93)		
	Standard — Height	429.7 (16.92)		
	Standard — Thickness	25.0 (.98)		
	Standard — Fins per inch	5	7.26	
	A/C — Width	668.0 (26.3)		
	A/C — Height	429.7 (16.92)		
	A/C — Thickness	25.0 (.98)		
	A/C — Fins per inch	5	6.35	
	Heavy duty — Width	668.0 (26.3)		
	Heavy duty — Height	429.7 (16.92)		
	Heavy duty — Thickness	40.2 (1.58)		
	Heavy duty — Fins per inch	6.35		
Fan (standard)	Number of blades & type (flex, solid, material)	7 - Plastic		
	Diameter & projected width	386.0 (15.2)		
	Ratio (fan to crankshaft rev.)	—		
	Fan cutout type	ECM Controlled		
	Drive (type (direct, remote))	Electric, One With Rotating Reinforcement Ring		
	Fan shroud (material)			
Fan (electric)	Diameter & projected width			
	RPM at idle			
	Motor rating (wattage)			
	Motor switch (type & location)			
	Switch point (temp., pressure)			
	Fan shroud (material)			
Fan (optional)	No. of blades and spacing	7		
	Diameter & projected width	373.2 (14.7)		
	Ratio (fan to crankshaft rev.)	—		
	Fan cut-out (type)	ECM Controlled		
	Drive (type, direct, remote)	Electric, One With Rotating Reinforcement Ring, Shrouded		

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Engine — Cooling System

Coolant recovery system (std., opt., n.a.)			Standard
Coolant fill location (rad., bottle)			Bottle
Radiator cap relief valve pressure [kPa (psi)]			117.0 (17.0)
Circulation thermostat	Type (choke, bypass)		Choke
	Starts to open at °C (°F)		85 (185)
Water pump	Type (centrifugal, other)		Centrifugal
	GPM 1000 pump rpm		19.5 @ 2000
	Number of pumps		One
	Drive (V-belt, other)		V-Belt
	Bearing (type)		Sealed Double Row Ball
By-pass recirculation [type (inter., ext.)]			External
Radiator core [type (cross-flow vertical cellular tube and fin, other) and material]			Cross Flow
Cooling system capacity	With heater—L(qt.)		12.28 (12.9)
	With air cond.—L(qt.)		12.42 (13.1)
	Opt. equipment [specify—L(qt.)]		12.52 (13.2 - H.D. Radiator
Water jackets full length of cyl. (yes, no)			Yes
Water all around cylinder (yes, no)			Yes
Radiator core	Standard	Width	668 (26.3)
		Height	430 (16.9)
		Thickness	25.0 (.98)
		Fins per inch	8.47
	A/C	Width	668
		Height	430 (16.9)
		Thickness	40.2 (1.58)
		Fins per inch	6.35
	Heavy duty	Width	668.0 (26.3)
		Height	430 (16.9)
		Thickness	40.2 (1.58)
		Fins per inch	6.35
Fan (standard)	Number of blades & type (flex, solid, material)		5 - Irregular
	Diameter & projected width		422 (16.6)
	Ratio (fan to crankshaft rev.)		Single Speed 96W
	Fan cutout type		Coolant Temperature
	Drive [type (direct, remote)]		Electric, One With Rotating Reinforcement Ring
	Fan shroud (material)		
Fan (electric)	Diameter & projected width		422 (16.6)
	RPM at idle		1800 @ L/S, 2400 @ H/S
	Motor rating (wattage)		150/400 Watts - 2-Speed
	Motor switch (type & location)		2 A/L Head Pressure
	Switch point (temp., pressure)		106/116°C (223/241)
	Fan shroud (material)		Not Available
Fan (optional)	No. of blades and spacing		7 - Irregular
	Diameter & projected width		422 (16.6)
	Ratio (fan to crankshaft rev.)		2-Speed 150/400 W
	Fan cut-out (type)		Coolant Temperature and A/C Pressure
	Drive (type, direct, remote)		

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Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Computer Command Control	Air Injection With Computer Command Control
	Air Injection	Pump (type)	Not	Vane
		Driven by	Available	V-Belt
		Air distribution (head, manifold, etc.)	—	Exhaust Manifold, Converter and Air Cleaner
		Point of entry	—	Exhaust Manifold Ports
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Controlled Flow	
		Exhaust source	Exhaust Manifold	R.H. Bank
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
	Catalytic Converter	Type	SingleBed,Oxidizing&Reducing	DualBed,Oxidizing&Reducing
		Number of	One	
		Location(s)	Mounted to Underbody at #2 Body Bar	
		Volume [L (in^3)]	2.6 (160)	2.8 (170)
		Substrate type	Pellets	Monolith
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System	
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum	
	Discharges (to intake manifold, other)		Inlet Manifold	
	Air inlet (breather cap, other)		Carburetor Air Cleaner	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor		Canister
	Vapor Storage provision (crankcase, canister, other)		Canister	

Engine — Exhaust System

Type (single, single with cross-over, dual, other)		Single	Single With Crossover
Muffler no. & type (reverse flow, straight thru, separate resonator)		One - Reverse Flow	
Resonator no. & type			
Exhaust pipe	Branch o.d., wall thickness	—	57.15x1.04(2.25x.041 (1)
	Main o.d., wall thickness	44.5x1.12(1.74x.044)	47.6x1.04(1.87x0.41 (2)
	Material	Stainless Steel	See Below
Intermediate pipe	o.d. & wall thickness	50.8x1.12(2.0x.044)	50.8x1.09(2.0x.043)
	Material	Aluminum Coated Steel	
Tail pipe	o.d. & wall thickness	50.8x1.12(2.0x.044)	44.5x1.09(1.75x.043)
	Material	Aluminum Coated Steel	

(1) Air Gap Construction - Steel Inner, Stainless Steel Outer.

(2) Stainless Steel Pipe with Aluminum Coated Heat Stove.

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Engine Description/Carb. Engine Code

4.3L V6 (262 CID)
FUEL INJECTION DIESEL
RPO LT7

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		
	Air Injection	Pump (type)	
		Driven by	
		Air distribution (head, manifold, etc.)	
		Point of entry	
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Variable Orifice
		Exhaust source	Manifold Air Crossover
		Point of exhaust injection (spacer, carburetor, manifold, other)	
	Catalytic Converter	Type	
		Number of	
		Location(s)	
		Volume [L (in^3)]	
		Substrate type	
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum
	Discharges (to intake manifold, other)		Intake Crossover
	Air inlet (breather cap, other)		Breather Cap
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	
		Carburetor	
	Vapor Storage provision (crankcase, canister, other)		

Engine — Exhaust System

Type (single, single with cross-over, dual, other)		Single With Crossover
Muffler no. & type (reverse flow, straight thru, separate resonator)		One - Reverse Flow
Resonator no. & type		None
Exhaust pipe	Branch o.d., wall thickness	50.8 x 1.09 (2.0 x 0.43)
	Main o.d., wall thickness	44.5 x 1.09 (1.75 x .043)
	Material	Aluminum Coated Steel
Intermediate pipe	o.d. & wall thickness	50.8 x 1.1 (2.0 x .04)
	Material	Stainless Steel
Tail pipe	o.d. & wall thickness	50.8 x 1.4 (2.0 x .06)
	Material	Stainless Steel

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Electrical — Supply System

Battery	Voltage rtg. (V & total plates)	12 Volt	
	Minimum reserve cranking	(a) 70 Min.Res.Cap(b)	(f) 75 Min.Res.Cap(b)
	SAE capacity (amps)	355 Base 500 H.D.	315 Base 500 H.D.
	Location	Engine Compartment	
Generator or alternator	Type and rating	(c,d,e)	(c,d,e)
	Ratio (alt. crank/rev.)	(c,d) 2.73 (e) 2.51	3.27
	Optional (type & rating)		
Regulator	Type	Integral With Alternator	

Electrical — Starting System

Start. motor	Current drain at 0°F		
Motor drive	Engagement type	Overrunning Clutch	Pinion
	Pinion engages from (front, rear)	Front	Rear

(a) - 70-355 Standard Battery.
(b) - 75-500 with H.D. Option UA1.
(c) - 42 Amp with Heater, 10 SE (22 Amp @ Idle).
(d) - 63 Amp with Heater and Heated Backlite, 10 SI (23 Amp @ Idle)
(e) - 78 Amp with A/C, 15 SI (40 Amp @ Idle).
(f) - 70-315 Standard Battery.

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

Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

Engine Description/Carb. Engine Code	4.3L V6 (262 CID) FUEL INJECTION DIESEL RPO LT7

Electrical — Supply System

Battery	Voltage rtg. (V & total plates)	12 Volt
	Minimum reserve cranking	(a) 175 Min.Res Cap. (b)
	SAE capacity (amps)	750 Base 1000 H.D. (Total)
	Location	Engine Compartment
Generator or alternator	Type and rating	(c,e,d)
	Ratio (alt. crank/rev.)	3.27
	Optional (type & rating)	
Regulator	Type	Integral With Alternator

Electrical — Starting System

Start. motor	Current drain at 0°F	785 Amps*
Motor drive	Engagement type	Positive
	Pinion engages from (front, rear)	Front

(a) - 76-750 Standard Battery.
(b) - 75-500 with H.D. Option UA1 (2 Required).
(c) - 63 Amp with Heater.
(d) - 85 Amp with A/C.
(e) - 63 Amp with Heater and Heated Backlite, 10 SI (23 Amp @ Idle).

* Current Drain for Starting Motor is at -20° F.

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Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (173 CID) 2-BBL. CARBURETOR RPO LE2	LH7 HO-STE	4.3L V6 (262 CID) F.I. DIESEL RPO LT7

Electrical — Ignition System

Type	Conventional (std., opt., n.a.)	Not Available			
	Transistorized (std., opt., n.a.)	Not Available			
	Other (specify)	High Energy Ignition System (HEI)			
Coil	Make	Delco-Remy			
	Model		1115463		
	Current — Engine stopped — A	—			
	Current — Engine idling — A	—			
Spark plug	Make	AC		—	
	Model	R44TSX	R43CTS	—	
	Thread (mm)	14	M14x1.25	—	
	Tightening torque (N-m (lb. ft.))	20 (15)	9-20 (7-15)	—	
	Gap	1.52 (0.60)	1.143 (.045)	—	
Distributor	Make	Delco Remy		--	
	Model		1103519		

Electrical — Suppression

Locations & type	Internal alternator capacitor, non-metallic high-tension cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.

Electrical — Instruments and Equipment

Speedometer	Type	In-Line with Pointer, 7 Wheel Odometer
	Trip odometer (std., opt., n.a.)	Optional
EGR maintenance indicator		Not Available
Charge indicator	Type	Tell-Tale Light
	Warning device	Optional Standard
Temperature indicator	Type	Tell-Tale Light
	Warning device	Not Available
Oil pressure indicator	Type	Tell-Tale Light
	Warning device	Optional Standard
Fuel indicator	Type	Electric Gage with Pointer
	Warning device	Not Available
Windshield wiper	Type (standard)	Electric Two-Speed, Non-Articulated
	Type (optional)	Intermittent
	Blade length	457.2 (18.0)
	Swept area (cm²(in.²))	5751 (891.6)
Windshield washer	Type (standard)	Electric, Integral Pump/Motor, Dual Nozzle Fan Spray
	Type (optional)	Not Available
	Fluid level indicator	Not Available
Horn	Type	Electric Vibrator
	Number used	Two, A&F Notes
Other		Standard: Restraint System Warning Light and Buzzer, Parking Brake and Brake Failure Warning Light Optional: Voltmeter, Oil Pressure, Coolant Temperature Gages, Clock, Rear Window Defogger Indicator Light.

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Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR RPO LE2	LH7(HO) STE	4.3L V6 (262 CID) F.I. DIESEL RPO LT7

Transmissions

Manual 3-speed (std., opt., n.a.)	Not Available
Manual 4-speed (std., opt., n.a.)	Not Available
Manual 5-speed (std., opt., n.a.)	Not Available
Manual overdrive (std., opt., n.a.)	Not Available
Automatic (std., opt., n.a.)	Standard
Automatic overdrive (std., opt., n.a.)	Not Available

Manual Transmission

Number of forward speeds			Not
Transmission ratios	In first		Available
	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		Not
Type pressure plate springs		Available
Total spring load [N (lb.)]		—
No. of clutch driven discs		—
Clutch facing	Material	—
	Manufacturer	—
	Part number	—
	Rivets/plate	—
	Rivet size	—
	Outside & inside dia.	—
	Total eff. area [cm^2 ($in.^2$)]	—
	Thickness	—
	Engagement cushion method	—
Release bearing	Type & method of lubrication	—
Torsional damping	Method: springs, friction material	—

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Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

Engine Description/Carb. Engine Code					
2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR			4.3L V6 (262 CID) F.I. DIESEL	
	RPO LE2	LH7 (HO)-STE		RPO LT7	

Automatic Transmission

Trade name		3-Speed Automatic
Type (describe)		Torque Converter With Planetary Gears
Selector	Location	Column or Floor
	Ltr./No. designation	P-R-N-D-2-1
Gear ratios	R	2.07
	D	1.00
	L_3	—
	L_2	1.60
	L_1	2.84
Max. upshift speed - drive range [km/h (mph)]		120 (75)
Max. kickdown speed - drive range [km/h (mph)]		113 (70)
Min. overdrive speed [km/h (mph)]		—
Torque converter	Number of elements	3
	Max. ratio at stall	1.9
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245 (9.65)
Lubricant	Capacity [refill L (pt.)]	4.6 (10.0)
	Type recommended	Dexron II
Special transmission features		Torque Converter Clutch, 3rd Gear Application

Axle or Front Wheel Drive Unit

Type (front, rear)			Front
Description			Front Differential With Helical Gears
Limited slip differential (type)			Not Available
Drive pinion offset			—
Drive pinion (type)			—
No. of differential pinions			2
Pinion adjustment (shim, other)			—
Pinion bearing adj. (shim, other)			Integral Double Row Ball Bearing
Driving wheel bearing (type)			Sealed Ball Bearings (Integral Part of Bolt-in Hub Units)
Lubricant	Capacity [L (pt.)]		Not Available - Part of Automatic
	Type recommended		Transmission Assembly Which Uses GM Dexron II Fluid
	SAE viscosity number	Summer	GM Dexron II Fluid
		Winter	—
		Extreme cold	—

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

Axle ratio or overall ratio		2.84	2.84	3.33	2.84
No. of teeth	Pinion	38	35		
	Ring gear or gear	32	35		
Ring gear o.d.		—			
Transaxle	Transfer gear ratio	1.0	1.0	1.0	.84
	Final drive ratio	2.39	2.84	3.33	2.84

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Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

Engine Description/Carb. Engine Code	4.3L V6 (262 CID) FUEL INJECTION DIESEL RPO LT7

Automatic Transmission (See Power Teams for Transmission Usage)

Trade name		4-Speed Automatic
Type (describe)		Torque Converter With Planetary Gears 440-T4
Selector	Location	Column or Floor
	Ltr./No. designation	P-R-N-D-3-2-1
Gear ratios	R	2.38
	D	1.00 (Converter Clutch Engagement)
	L_3	1.57
	L_2	2.92
	L_1. Overdrive	0.70 (Converter Clutch Engagement)
Max. upshift speed - drive range [km/h (mph)]		—
Max. kickdown speed - drive range [km/h (mph)]		—
Min. overdrive speed [km/h (mph)]		
Torque converter	Number of elements	3
	Max. ratio at stall	
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245 (9.65)
Lubricant	Capacity [refill L (pt.)]	3.0 (6.0)
	Type recommended	Dexron II
Special transmission features		Torque Converter Clutch Lock-up 3rd and 4th Gear

Axle or Front Wheel Drive Unit

Type (front, rear)			Front
Description			Front Differential With Helical Gears
Limited slip differential (type)			Not Available
Drive pinion offset			—
Drive pinion (type)			—
No. of differential pinions			2
Pinion adjustment (shim, other)			—
Pinion bearing adj. (shim, other)			Integral Double Row Ball Bearing
Driving wheel bearing (type)			Sealed Ball Bearings (Integral Part of Bolt-in Hub Units)
Lubricant	Capacity [L (pt.)]		Not Available - Part of Automatic
	Type recommended		Transmission Assembly Which Uses GM Dexron II Fluid
	SAE viscosity number	Summer	GM Dexron II Fluid
		Winter	—
		Extreme cold	—

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

Axle ratio or overall ratio		3.06
No. of teeth	Pinion	35
	Ring gear or gear	35
Ring gear o.d.		
Transaxle	Transfer gear ratio	.89
	Final drive ratio	3.06

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Engine Description/Carb. Engine Code	NOT APPLICABLE

Propeller Shaft — Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc.)			
Outer diam. x length* x wall thick-ness	Manual 3-speed trans		
	Manual 4-speed trans.		
	Manual 5-speed trans.		
	Overdrive		
	Automatic transmission		
Inter-mediate bearing	Type (plain, anti-friction)		
	Lubrication (fitting, prepack)		
Slip yoke	Type		
	Number of teeth		
	Spline o.d.		
Universal joints	Make and mfg. no.	Front	
		Rear	
	Number used		
	Type (ball and trunnion, cross)		
	Rear attach (u-bolt, clamp, etc.)		
	Bearing	Type (plain, anti-friction)	
		Lubric. (fitting, 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 rear attachment.

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Engine Description/Carb. Engine Code	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR RPO LE2	2.8L V6 (171 CID) 2-BBL. CARBURETOR LH7 (HO)-STE	4.3L V6 (262 CID) F.I. DIESEL RPO LT7

Axle Shafts — Front Wheel Drive

Number used				Two
Type (straight, solid bar, tubular, etc.)			Left	Straight, Solid Bar
			Right	Straight, Solid Bar
Outer diam. x length * x wall thickness	Manual transmission		Left	None
			Right	—
	Automatic transmission		Left	23.8 x 299.0 (0.937 x 11.77)
			Right	23.8 x 414.1 (0.937 x 16.30)
	Optional transmission		Left	None
			Right	—
Slip yoke	Type			None
	Number of teeth			—
	Spline o.d.			—
Universal joints	Make and mfg. no.		Inner	Saginaw
			Outer	Saginaw
	Number used			Four - 2 Each Shaft
	Type, size, plunge		Inner	Tripot, 63.5 (2.5) Plunge
			Outer	Rzeppa, Fixed
	Attach (u-bolt, clamp, etc.)			—
	Bearing	Type (plain, anti-friction)		Not Applicable
		Lubric. (fitting, prepack)		Pre-Packed
Drive taken through (torque tube, arms or springs)				Wishbone Lower Control Arm, Upper MacPherson Strut
Torque taken through (torque tube, arms or springs)				Engine Mounting System

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

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Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

Engine Description/Carb. Engine Code	2-DOOR NOTCHBACK	4-DOOR NOTCHBACK	STE

Tires And Wheels (Standard)

Tires	Size (load range, ply)		P185/80R-13 BW	P195/70R14
	Type (bias, radial, etc.)		Glass Belted Radial	Steel Belted 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)			
Wheels	Type & material		Ventilated, Semi-Styled Disc	Aluminum
	Rim (size & flange type)		13 x 5.5	14 x 6JB
	Wheel offset		42 mm	
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	100 mm	
		Number & size	5-M12 x 1.5-6H THO (Metric)	
Spare	Tire and wheel (same, if other describe)		14 x 4 Wheel; Compact Spare Tire T125/70D14	
	Storage position & location (describe)		Horizontal; Under Load Floor	

Tires And Wheels (Optional)

Size (load range, ply)	185/80R13 B/W, W/W
Type (bias, radial, etc.)	Steel Belted Radial
Wheel (type & material)	Steel
Rim (size, flange type and offset)	13 x 5.5 x 42 mm
Size (load range, ply)	185/80R14 B/W, W/W
Type (bias, radial, etc.)	Fiberglass Belted Radial
Wheel (type & material)	Steel
Rim (size, flange type and offset)	14 x 5.5 x 42 mm
Size (load range, ply)	195/74R14 B/W, W/W (*)
Type (bias, radial, etc.)	Steel Belted Radial
Wheel (type & material)	Steel
Rim (size, flange type and offset)	14 x 5.5 x 42 mm
Size (load range, ply)	195/70R14 (+)
Type (bias, radial, etc.)	Steel Belted Radial
Wheel (type & material)	Steel
Rim (size, flange type and offset)	14 x 5.5 x 42 mm
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	(*) Available Only With Diesel Engine (+) Required With Rally Suspension (Y99)

Brakes — Parking

Type of control		Foot Pedal Application; "T" Handle - Release
Location of control		Under Instrument Panel, Left of Steering Column
Operates on		Rear Service Brakes
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

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Car Line 6000

Model Year 1983 Issued 10-15-82 Revised (*)

Body Type And/Or Engine Displacement	2.5L L4 (151 CID) ELECTRONIC F.I. RPO LR8	2.8L V6 (171 CID) 2-BBL. CARBURETOR RPO LE2 LH7 HO-STE	4.3L V6 (262 CID) F.I. DIESEL RPO LT7

Brakes — Service

Description					
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)			Proportioning, Diagonal Split Circuit.	
Power brake (std., opt., n.a.)				Standard	
Booster type (remote, integral, vac., hyd., etc.)				Tandem Vacuum	
Anti-skid device type (std., opt., n.a.)				Not Available	
Effective area [cm^2($in.^2$)]*				558 (86.5)	
Gross lining area [cm^2($in.^2$)]**				553 (85.7)	
Swept area [cm^2($in.^2$)]***				1746 (270.6)	1839 (285)
Rotor	Outer working diameter		F	247 mm (9.72 in.)	260 mm (10.24 in.)
			R	—	
	Inner working diameter		F	147 mm (5.67 in.)	
			R	—	
	Thickness		F	22 mm (0.866 in.)	
			R	—	
	Material & type (vented/solid)		F	Cast Iron, Vented	
			R	—	
Drum	Diameter (nominal)		F	—	
			R	225 mm (8.85 in.) (Rear)	
	Type and material			Composite Cast Iron, Finned	
Wheel cylinder bore	Front			57 mm (2.24 in.)	
	Rear			17.5 mm (0.689 in.)	19 mm (.748 in.)
Master cylinder	Bore			22.2 x 31.8 (0.87 x 1.25)	
	Stroke			35.75 (1.41)	
Pedal arc ratio				3.5:1	
Line pressure at 445 N (100 lb.) pedal load [kPa (psi)]				126.8 (1830)	
Lining clearance per shoe	Front			Self Adjusting, 0	
	Rear			Self Adjusting, 0.381 mm	
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Riveted	
		Rivet size		5.33 x 9.63 (0.210 x 0.379)	
		Manufacturer		Delco Moraine	
		Lining code		117 FE	
		Material		Semi-Metallic 8032	
		**** Size	Primary or out-board	125 x 46 x 10 mm	
			Secondary or in-board	125 x 46 x 11 mm	
		Shoe thickness (no lining)		Inboard 5, Outboard 3	
	Rear wheel	Bonded or riveted (rivets/seg.)		Riveted	
		Manufacturer		Inland	
		Lining code		240 FF	
		Material		Organic 4050	
		**** Size	Primary or out-board	176 x 44 x 7 mm	
			Secondary or in-board	208 x 44 x 7.6 mm	
		Shoe thickness (no lining)		2 mm (0.0787 in.)	

* 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 thickness.

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Passenger Car
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Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (•) ____

Body Type And/Or Engine Displacement	ALL (EXCEPT STE)	STE

Steering

Manual (std., opt., n.a.)				Not Available	
Power (std., opt., n.a.)				Standard	
Adjustable steering wheel (tilt, swing, other)		Type and description		Tilt	Tilt
		(Std., opt., n.a.)		Optional	Standard
Wheel diameter		Manual		--	
		Power		375.0 (14.76)	
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		12.190 (39.99)	
		Curb to curb (l. & r.)		11.268 (36.96)	
	Inside rear	Wall to wall (l. & r.)		--	
		Curb to curb (l. & r.)		--	
Manual	Gear	Type		Not Available	
		Make		--	
		Ratios	Gear	--	
			Overall	--	
	No. wheel turns (stop to stop)			--	
Power	Type (coaxial, linkage, etc.)			Rack and Pinion, Integral Pump	
	Make			Saginaw Steering Gear	
	Gear	Type		Rack and Pinion	
		Ratios	Gear	"c" Factor = 45.13 mm Per Revolution	
			Overall	17.5:1	16:1
	Pump (drive)			Belt Off Crankshaft Pulley	
	No. wheel turns (stop to stop)			3.05	
Linkage	Type			End of Rack Take-off Tie Rods	
	Location (front or rear of wheels, other)			Rear of Front Wheel Centerline	
	Drag links (trans. or longit.)			Not Applicable	
	Tie rods (one or two)			Two	
Steering axis	Inclination at camber (deg.)			14.6°	
	Bearings (type)	Upper		Ball Bearing	
		Lower		Ball Joint	
		Thrust		Ball Bearing	
Steering spindle & joint type				MacPherson Strut with Lower Ball Joint	
Wheel spindle	Diameter	Inner bearing		Not Applicable to Integral Bearings. Service Only	
		Outer bearing		As Assembly.	
	Thread (size)			—	
	Bearing (type)			Integral Double Row Ball, Permanently Lubricated.	

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Body Type And/Or Engine Displacement	ALL

Wheel Alignment

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	2.0° +/- 2° Left & Right Side Should Be Equal Within 2°
		Camber (deg.)	0.0° +/- 1.0°
		Toe-in (outside track-mm (in.))	0.0° +/- 0.4° Total
	Service reset*	Caster	Not Adjustable
		Camber	0.0° +-/ 0.5°
		Toe-in	0.0° +/- 0.2° Total
	Periodic M.V. inspection	Caster	Not Adjustable
		Camber	0.0° +/- 1.0°
		Toe-in	0.0° +/- 0.4° Total
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	
		Toe-in (outside track-mm (in.))	
	Service reset*	Camber	
		Toe-in	
	Periodic M.V. inspection	Camber	
		Toe-in	

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

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Car Line 6000
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Body Type And/Or Engine Displacement	ALL (EXCEPT STE)	STE

Suspension — General

Car leveling	Std./opt./n.a.	Optional	Standard
	Type (air, hyd., etc.)	Air	Air
	Manual/auto. controlled	Automatic	Automatic
Provision for brake dip control		Front Suspension Geometry	
Provision for accl. squat control		Front Suspension Geometry	
Special provisions for car jacking		Body Pick-up at Rocker Panels	
Shock absorber (front & rear)	Type	Front: MacPherson Strut; Rear: Direct, Double Acting	
	Make	Delco	
	Piston diameter	Front: 32 (126); Rear: 25 (1.00)	
Other special features			

Suspension — Front

Type and description		MacPherson Strut with Coil Springs, Stamped Lower Control Arms and Nodular Iron Steering Knuckles	
Travel	Full jounce	Total 184	
	Full rebound		
Spring	Type (coil, leaf, other)	Coil (a)	
	Material	Steel	
	Size (coil design height & i.d., bar length x dia.)		
	Spring rate [N/mm (lb./in.)]	14 (79.8)	
	Rate at wheel [N/mm (lb./in.)]		
Stabilizer	Type (link, linkless, frameless)	Link	
	Material & bar diameter	Steel: Base 22 (.87), Y99 28 (1.1)	24 (.94)

Suspension — Rear

Type and description		Trailing Arm and Track Bar	
Drive and torque taken through		Not Applicable	
Travel	Full jounce	Total 200	
	Full rebound		
Spring	Type (coil, leaf, other)	Coil (a)	
	Material	Steel	
	Size (length x width, coil design height & i.d., bar length & dia.)		
	Spring rate [N/mm (lb./in.)]	26.9	
	Rate at wheel [N/mm (lb./in.)]		
	Mounting insulation (type)	Rubber Insulator Top and Bottom	
	If leaf: No. of leaves		
	If leaf: Shackle (comp. or tens.)		
Stabilizer	Type (link, linkless, frameless)	Linkless, Integral with Axle	
	Material & bar diameter	Steel 20 mm (.79)	22 (.87)
Track bar (type)		Transverse Beam	

(a) Springs are computer selected for load using vehicle weight. Base is shown.

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Car Line 6000

Model Year 1983 Issued 10-15-82 Revised (•)

Body Type	ALL

Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic Lacquer or Waterbase Acrylic Enamel
Hood	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	No Counterbalance, Prop Rod Type
	Release control (internal, external)	Internal
Trunk lid	Type (counterbalance, other)	Torsion Bar Counterbalance
	Internal release control (elec., mech., n.a.)	External
Bumper front	Bar material & mass (wt.)	Steel 10.700 (23.6)
	Reinforcement material & mass (wt.)	None
Bumper rear	Bar material & mass (wt.)	Steel 12.600 (27.8)
	Reinforcement material & mass (wt.)	None
Vent window control (crank, friction, pivot, power)	Front	None
	Rear	None
Seat cushion type	Front	Molded Polyurethane Padding
	Rear	Molded Polyurethane Padding
	3rd seat	None
Seat back type	Front	Molded Polyurethane Padding
	Rear	Molded Polyurethane Padding
	3rd seat	None
Vehicle ident. no. location		Top Left Hand Instrument Panel Pad

Passive Restraint System

Inflatable restraint system	Standard/ optional	Not Available
	Type of charging system	—
	Location (stg. whl., instru. panel, other)	—
Passive seat belts	Standard/ optional	Not Available
	Power/ manual	—
	2 or 3 point	—
	Knee bar/ lap belt	—

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized With Bolt-on Power Train Cradle

MVMA Specifications Form
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Body Type	ALL (EXCEPT STE)	STE
Convenience Equipment		
Power windows — Side windows	Optional	Standard
Power windows — Vent windows	Not Available	Not Available
Power windows — Backlight or tailgate	Not Available	Not Available
Power seats (specify type as well as availability)	Optional - 6-Way Power Seat Bench Seat, 6-Way 45/45 or Bucket, Driver Only	Not Available
Reclining front seat back (r-l or both)		Standard Both
Radio (specify type as well as availability)	Opt. AM W/Clock, AM/FM ETR Stereo, AM/FM ETR Stereo With Clock, AM/FM ETR Stereo W/Cassette, S/S,Equal. & Clk.	Std. AM/FM ETR Stereo With Cassette S/S & Clock
Premium sound system (specify)		
Rear seat speaker	Dual Rear Speakers	
Power antenna	Optional	Standard
Clock	Optional With Radio	Standard
Air conditioner (specify type)	Optional	Standard
Speed warning device	Not Available	
Speed control device	Optional	Standard
Ignition lock lamp	Not Available	
Dome lamp	Standard	
Glove compartment lamp	Optional	Standard
Luggage compartment lamp	Optional	Standard
Underhood lamp	Not Available	Not Available
Courtesy lamp	Optional	Standard
Map lamp	Not Available	
Cornering lamp	Not Available	
Rear window defroster electrically heated	Optional	Standard
Rear window defogger	Not Available	
T-bar roof (describe)	Not Available	
Sun roof (describe)	Optional	
Theft protection—type	Lock Mounted on Steering Column, Locks Steering Wheel, Transmission Shift Lever and Ignition	

FEATURE HIGHLIGHTS

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

BODY:

CHASSIS:

ENGINE:

ELECTRICAL:

OTHER:

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Vehicle Mass (weight)

Model	CURB MASS, kg. (weight, lb.)*			% PASS. MASS DISTRIBUTION				SHIPPING MASS, kg. (weight, lb.)**
				Pass In Front		Pass In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
6000								
4-Door Notchback Sedan	793.0	448	1241					1203.8
2AF19	(1747.8)	(987.4)	(2735)					(2653.2)
2-Door Notchback Coupe	821.0	402.5	1223.5					1186.4
2AF27	(1809.5)	(887.1)	(2696.6)					(2614.8)
6000 LE								
4-Door Notchback Sedan	837.1	410.4	1247.5					1210.3
2AG19	(1844.9)	(904.5)	(2749.4)					(2667.6)
2-Door Notchback Coupe	825.0	404.5	1229.5					1155.3
2AG27	(1818.3)	(891.5)	(2709.8)					(2546.2)
6000 STE								
4-Door Notchback Sedan	720.6	624.5	1345.1					1305.9
2AH19	(1588.2)	(1376.4)	(2964.6)					(2878.3)

Curb Weight - The calculated weight of a vehicle with standard equipment only as designed with the additional load of oils, lubes, coolants, and fuel filled to capacity.

Shipping Weight - Same as base curb weight except 3 gallons of gasoline.

* Reference — SAE J1100a, Motor vehicle dimensions, curb weight definition.
** Shipping mass (weight) definition —

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Equipment		Optional Equipment Differential Mass (weight)* MASS, kg. (weight, lb.) Front	Rear	Total	Remarks
2.8L 2-Bbl. V6	LE2	19.5	--	19.5	
		(42.9)	--	(42.9)	
4.3L Diesel V6	LT7	113.6	--	113.6	
		(249.9)	--	(249.9)	
Air Conditioning	C60	29.7	- .9	28.8	
		(65.8)	(- 2.0)	(63.8)	
Cooling System-H.D.	V08	2.32	- .42	1.9	
		(5.1)	(- .9)	(4.2)	
Cruise Control	K35	2.4	--	2.4	
		(5.3)	--	(5.3)	
Gages - Rally	U14	1.04	.36	1.4	
		(2.3)	(.8)	(3.1)	
Generator-H.D.					
- 78 Amp	K64	.58	--	.58	
		(1.3)	--	(1.3)	
- 85 Amp	K99	1.49	--	1.49	
		(3.3)	--	(3.3)	
Horns - Dual	U05	.5	--	.5	
		(1.1)	--	(1.1)	
Luggage Compt. Trim	B48	--	3.0	3.0	
		--	(6.6)	(6.6)	
Mats Floor - Ront & Rear		1.34	1.0	2.34	
		(2.9)	(2.2)	(5.1)	
Sport Mirror					
- O/S LH Remote -	D35	.9	.3	1.2	
RH Manual		(2.0)	(.7)	(2.7)	
Power Door Locks	AU3	.7	.9	1.6	2-Door Model
		(1.5)	(2.0)	(3.5)	
Power Seat	A42	2.9	2.8	5.7	
		(6.4)	(6.2)	(12.6)	
Power Windows	A31	1.1	1.3	2.4	2-Door Model
		(2.4)	(2.9)	(5.3)	
Radios					
- AM/FM Stereo With		.9	.3	1.2	
Cassette & Clock	UU7	(1.98)	(.66)	(2.6)	
- AM/FM Stereo With		.58	.30	.88	
Cassette, Seek &		(1.3)	(.6)	(1.9)	
Scan Graphic Equal,					
& Clock	UU6				
Dual Rear Speakers	UP8	- .02	1.54	1.52	
		(- .04)	(3.4)	(3.4)	
Power Antenna	U75	- .17	1.37	1.2	
		(- .37)	(3.0)	(2.6)	
Wheels - Aluminum	N78	- .15	- .15	- .3	
Sport		(- .33)	(- .33)	(- .66)	

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

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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.

Body Type	SAE Ref. No.	2-DOOR NOTCHBACK COUPE (2AF27)	4-DOOR NOTCHBACK SEDAN (2AF19)
Width			
Tread (front)	W101	1492	1492
Tread (rear)	W102	1447	1447
Vehicle width	W103	1828	1828
Body width at Sg RP (front)	W117	1722	1722
Vehicle width (front doors open)	W120	3800	3310
Vehicle width (rear doors open)	W121		3174
Length			
Wheelbase	L101	2664	2664
Vehicle length	L103	4796.5	4796.5
Overhang (front)	L104	1040.5	
Overhang (rear)	L105	1092	
Upper structure length	L123	2400	2400
Rear wheel C/L "X" coordinate	L127	2459	
Cowl point "X" coordinate	L125	206	207
Height*			
Passenger distribution (frt./rear)	PD1,2,3	2-0	2-0
Trunk/cargo load			
Vehicle height	H101	1355	1364
Cowl point to ground	H114	930	
Deck point to ground	H138	987	
Rocker panel-front to ground	H112	204	
Bottom of door closed-front to grd.	H133	279	278
Rocker panel-rear to ground	H111	212	210
Bottom of door closed-rear to grd.	H135		281
Ground Clearance*			
Front bumper to ground	H102		
Rear bumper to ground	H104		
Bumper to ground [front at curb mass (wt.)]	H103		
Bumper to ground [rear at curb mass (wt.)]	H105		
Angle of approach	H106		
Angle of departure	H107		
Ramp breakover angle	H147		
Rear axle differential to ground	H153		
Min. running ground clearance	H156		
Location of min. run. grd. clear.			

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

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

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METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR NOTCHBACK COUPE (2AF27)	4-DOOR NOTCHBACK COUPE (2AF19)
Front Compartment			
Sg RP front, "X" coordinate	L31	1138	1138
Effective head room	H61	980	980
Max. eff. leg room (accelerator)	L34	1070	1070
Sg RP (front to heel)	H30	260	258
Design H-point front travel	L17	192	192
Shoulder room	W3	1428	1427
Hip room	W5	1340	1338
Upper body opening to ground	H50	1235	
Steering wheel angle	H18	22.0	22.0
Back angle	L40	26.0	26.0
Rear Compartment			
Sg RP Point couple distance	L50	809	809
Effective head room	H63	963	965
Min. effective leg room	L51	910	910
Sg RP (second to heel)	H31	260	261
Knee clearance	L48	34	34
Compartment room	L3	694	694
Shoulder room	W4	1447	1427
Hip room	W6	1362	1346
Upper body opening to ground	H51	--	1243
Luggage Compartment			
Usable luggage capacity [L (cu. ft.)]	V1	459.8	459.8
Liftover height	H195	813	

All linear dimensions are in millimeters (inches).

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Passenger Car

Car Line 6000

Model Year 1983 Issued 10-15-82 Revised (•)

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	

Station Wagon — Third Seat

Shoulder room	W85	
Hip room	W86	
Effective leg room	L86	Not
Effective head room	H86	Applicable
Effective T-point head room	H89	
Seat facing direction	SD1	

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	Not
Cargo length at belt (second)	L205	Applicable
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	

Hatchback — Cargo Space

Front seat back to load floor height	H197	
Cargo length at front seat back height	L208	
Cargo length at floor (front)	L209	
Cargo volume index [m^3($ft.^3$)]	V3	
Hidden cargo volume [m^3($ft.^3$)]	V4	

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

All dimensions are in millimeters (inches).

MVMA Specifications Form
Passenger Car

Car Line 6000
Model Year 1983 Issued 10-15-82 Revised (*)

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	2-DOOR NOTCHBACK COUPE (2AF27)	4-DOOR NOTCHBACK COUPE (2AF19)

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
(1) Front	X - Fiducial mark to vertical base grid line - front measured horizontally, from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt. Y - Fiducial mark to centerline of car - front, width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt.
(2) Front	Z - Fiducial mark to horizontal base grid line - front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.
(1) Rear	X - Fiducial mark to vertical base grid line - front, measured horizontally from base grid line to rear fiducial mark located on rear underbody crossbar. Y - Fiducial mark to centerline of car - rear, width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar.
(2) Rear	Z - Fiducial mark to horizontal base grid line - rear, measured vertically from base grid line to the rear fiducial mark located on rear underbody crossbar.

Fiducial Mark Number			
Front	W21	564	564
	L54	2771	2771
	H81	258	258
	H161		
	H163		
Rear	W22	489	489
	L55	2980	2980
	H82	187	187
	H162	436	436
	H164	410	410

(1) Base Grid is 2000 mm Line
(2) Base Grid is 200 mm Line

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

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METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR NOTCHBACK COUPE (2AF27)	4-DOOR NOTCHBACK SEDAN (2AF19)
Glass			
Backlight slope angle (deg.)	H121	35.0	34.5
Windshield slope angle (deg.)	H122	58.0	57.0
Tumble-Home (deg.)	W122	21.5	21.5
Windshield glass exposed surface area [cm^2($in.^2$)]	S1	8525	8525
Side glass exposed surface area [cm^2($in.^2$)]	S2	11,412	11,251
Backlight glass exposed surface area [cm^2($in.^2$)]	S3	4217	4217
Total glass exposed surface area [cm^2($in.^2$)]	S4	24,154	23,993
Windshield glass (type)		Curved Laminated Plate	
Side glass (type)		Curved Tempered Plate	
Backlight glass (type)		Curved Tempered Plate	
Lamps and Headlamp Shape*			
Height above ground to center of bulb or marker — Headlamp (H127)	Highest**	649	
	Lowest		
Taillamp (H128)	Highest**	702	
	Lowest		
Sidemarker	Front	488	
	Rear	702	
Distance from C/L of car to center of bulb — Headlamp	Inside	465	
	Outside**	640	
Taillamp	Inside	577	
	Outside**	692	
Directional	Front	644	
	Rear	692	
Headlamp shape			

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

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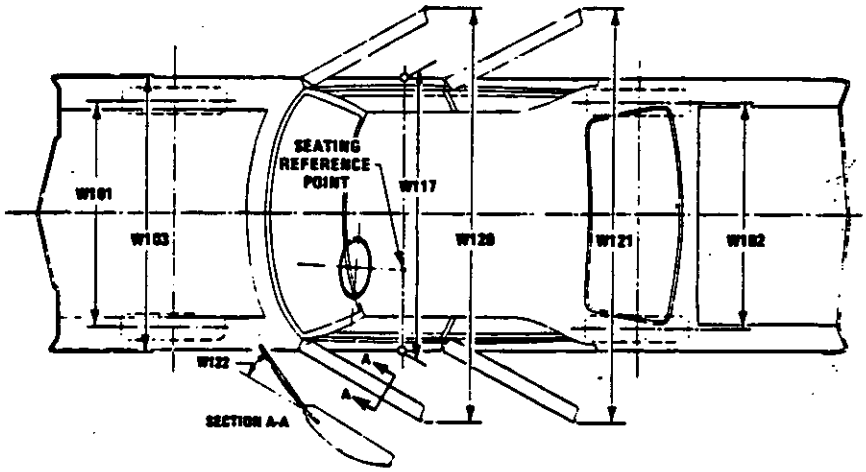
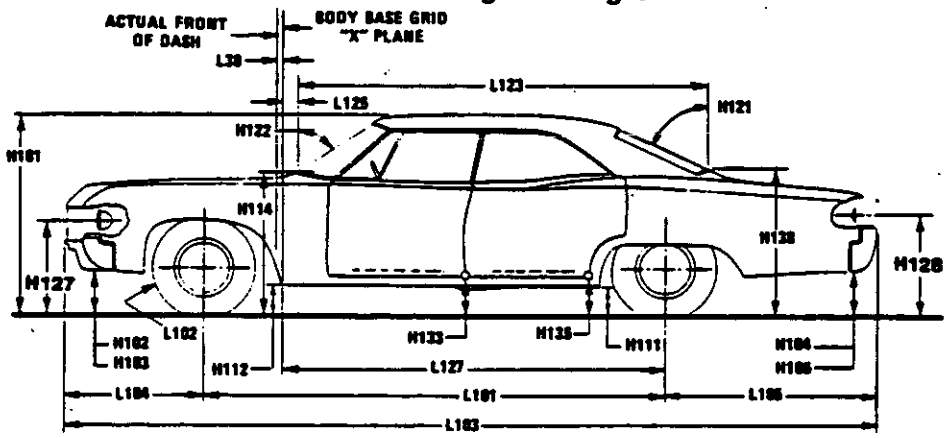
Exterior Car And Body Dimensions — Key Sheet

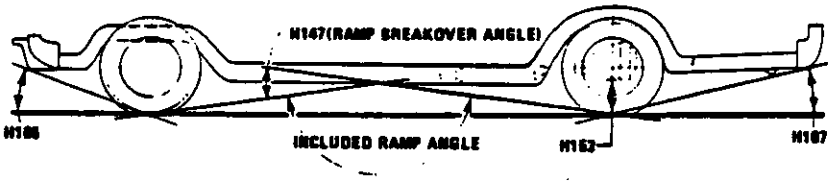
Exterior Width



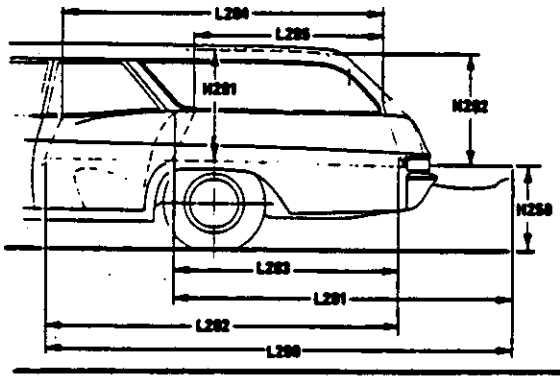
Exterior Length & Height



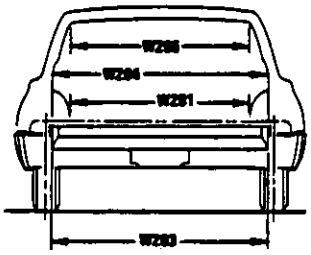
Exterior Ground Clearance

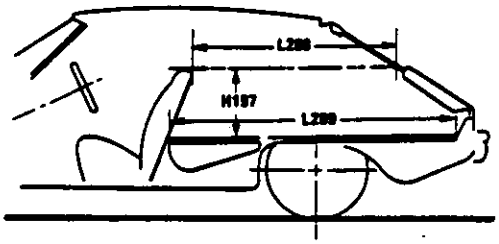


Cargo Space



Station Wagon

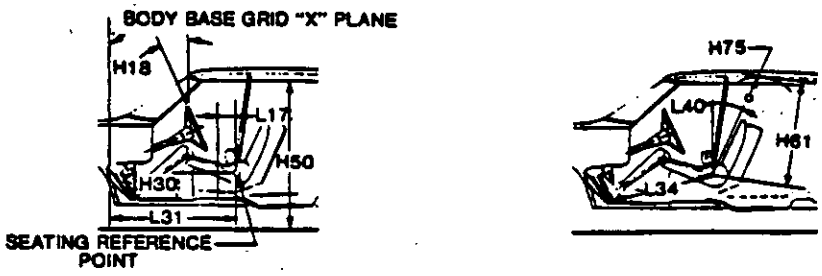




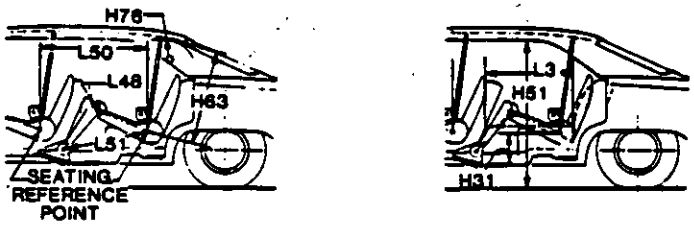
Hatchback

Interior Car And Body Dimensions – Key Sheet

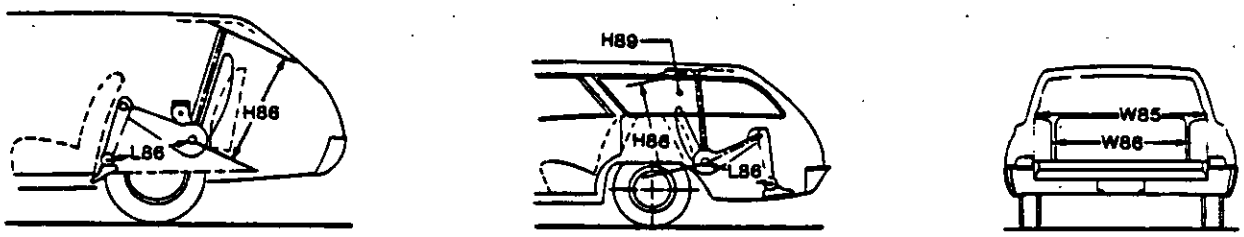
Front Compartment



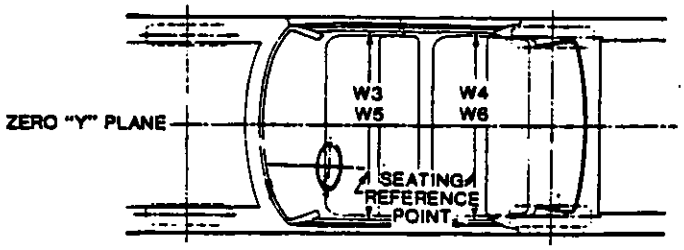
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form
Passenger Car
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Exterior Car And Body Dimensions — Key Sheet
Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which —
(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
(b) Has coordinates established relative to the design vehicle structure;
(c) Simulates the position of the pivot center of the human torso and thigh; and
(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

Width Dimensions

W101 TREAD—FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD—REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP—FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH—FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH—REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door 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 dimensional measured vertically from the centerline of the lowest headlamp lens to ground.

H128 TAILLAMP TO GROUND—CURB MASS (WT.). The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

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

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Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

H103 FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND—CURB MASS (WT.). Measured in the same manner as H104.

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground: The limiting component shall be designated.

H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The 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.

H150 UPPER BODY OPENING TO GROUND—FRONT. The dimenston 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.

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.

Luggage Compartment Dimensions

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

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

Station Wagon — Third Seat Dimensions

PD3 PASSENGER DIRECTION—THIRD.

W85 SHOULDER ROOM—THIRD. Measured in 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.

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

Interior Car And Body Dimensions — Key Sheet
Dimensions Definitions

Station Wagon — Cargo Space Dimensions

L200 CARGO LENGTH—OPEN—FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

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

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

L203 CARGO LENGTH—CLOSED—SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed 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 opening at floor level.

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

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

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

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

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

V2 STATION WAGON

Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft.^3$$

Measured in mm:

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

V4 HIDDEN CARGO VOLUME. As specified by the manufacturer.

Hatchback — Cargo Space Dimensions

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

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

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

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

V3 HATCHBACK.

Measured in inches:

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

Measured in mm:

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

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