





Specifications

Form

Passenger Car

1982

METRIC (U.S. Customary)

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line CHEVETTE	
Mailing Address CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MICHIGAN 48090	Model Year 1982	Issued: AUGUST, 1981
		Revised (*) APRIL, 1982

NOTE: Sheets revised - 2, 14, 19, 23, 25, 27.

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

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NOTE:

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. 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.

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Car Models

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car Line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions		Max Trunk/Cargo Load— Kilograms (Pounds)
		Front	Rear	
<u>Chevette</u>				
Scooter		2	2	45.4 (100.1)
2-Door Hatchback	1TJ08			
Coupe				
4-Door Hatchback	1TJ68	2	2	45.4 (100.1)
Coupe				
<u>Base Models</u>				
2-Door Hatchback	1TB08	2	2	45.4 (100.1)
Coupe				
4-Door Hatchback	1TB68	2	2	45.4 (100.1)
Sedan				

Note: Any specifications on the following pages specific to California requirements are indicated accordingly.

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Power Train (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)	Compr Ratio	SAE Net at RPM		Exhaust System*				
				kW (bhp)	Torque N · m (lb ft)					
Base-49 States 1TJ08 & 68 1TB08 & 68	L-4	2	9.4:1	65@ 5200	80@ 3200	S	Man 4-Spd-Base (3.75:1 Low)	Base - Opt.	3.36:1*	3.62:1@
	1.6 (98)						Man 5-Spd-Avail*	3.36:1		
	L17						(3.76:1 Low)exc. 1TB68	3.36:1	3.62:1	
Calif. only 1TJ08 & 68 1TB08 & 68	L4	2	9.4:1	65@ 5200	80@ 3200	S	Man 4-Spd-Base (3.75:1 Low)	3.62:1	--	
	1.6 (98) L17						Auto '180c'-Avail	3.36:1	3.62:1	
Available All States	L-4	Fuel injec- tion (Diesel)	22.0:	51 @ 5000	72 @ 2000	S	Man 5-Spd-Base (3.79:1 (Low))	3.36:1	--	
	1.6 (111) L35 ✓						Auto '200c'-Avail	3.36:1	3.62:1	

* - Not available with air conditioning or power steering.
 @ - with air conditioning.
 ✓ - Not available with air conditioning.

*S - Single D - Dual

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Engine Description/Carb.
 Engine Code

1.6 LITER L-4 (98 CID) 2-BBL CARBURETOR RPO L17	1.8 LITER L-4 (111CID) FUEL INJECTION (DIESEL) RPO L35
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ENGINE - GENERAL

Type (inline, V and angle flat)	OHC, InLine	
Location (front,mid,rear)	Front	
Engine installation position (transverse, longitudinal)	Longitudinal	
Number of mtg. points	Front	Two
	Rear	One
No. of cylinders	4	
Bore	82 (3.23)	84 (3.31)
Stroke	75.7 (2.98)	82 (3.23)
Piston displacement cm^3 (in^3)	1605 (98.0)	1817 (111)
Bore spacing (c/l to c/l)	93.0 (3.7)	99.5 (3.9)
Cylinder block material	Cast alloy iron	
Cylinder block deck height	198 (7.8)	218.5 (8.6)
Deck clearance (minimum) (above or below block)	Zero	
Cylinder head material	Cast alloy iron	
Cylinder head volume - cm^3	43.7	10.54
Head gasket thickness (compressed)	.95 (.037)	1.40 (0.055)
Head gasket volume - cm^3	5.36	4.40
Minimum combustion chamber volume - cm^3	42.7	19.48
Cyl. no. system (front to rear)**	L. Bank	1-2-3-4
	R. Bank	--
Firing order	1-3-4-2	
Recommended fuel (leaded, unleaded)	Unleaded	Diesel #2
Fuel antiknock index (R + M) 2	87	--
Total dressed engine mass (wt) dry*	144.1 (317.7)	172 (379.3)

*Dressed engine mass (weight) includes to following: All those items necessary to make the engine a complete ready-to-run unit.

**Rear of engine - drive takeoff.

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

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1.6 LITER L-4 (98 CID) 2-BBL CARBURETOR RPO L17	1.8 LITER L-4 (111 CID) FUEL INJECTION (DIESEL) RPO LJ5
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Engine - Pistons

Material	Cast Aluminum Alloy		
Description and finish (flat, dished, dome, etc.)	Flat Head, Slipper Skirt	Auto - Thermatic	
Mass, g (weight, oz.) - Piston Only	400 (14.11)	540 (19.05)	
Clearance (limits)	Top land	.7-.86 (.028-.034)	
	Skirt	Top	.037-.089 (.0015-.0035)
		Bottom	.013-.064 (.0005-.0025)
Ring groove diameter	No. 1 ring	72.65-73.05 (2.860-2.876)	
	No. 2 ring	72.65-73.05 (2.860-2.876)	
	No. 3 ring	72.56-72.93 (2.856-2.871)	

Engine - Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil Control
Compression	Description - material, coating, etc.	Upper - Nodular Iron, Moly Channel, Barrel Face Lower-cast alloy iron tapered face, barrel face.
		Upper-Cast Alloy Iron, Hard Chrome Plate, Barrel Face Lower-cast alloy iron, tapered face.
	Width	Upr. -1.478-1.490 (.0582-.0587)
	Gap (a)	Lwr. -1.464-1.490 (.0576-.0587)
Oil	Description - material, coating, etc.	(2) Rails-Steel, Chrome Plated (1) Expander-Stainless Stl SS-50
		Rails-Cast Alloy Iron, Hd Chrm P Expander-Steel, Hard Chrome Plate
	Width	Upr. -2.475-2.490 (0.0974-0.0980)
	Gap	Lwr. -1.975-1.990 (0.0778-0.0783)
Expanders	Width	0.20-0.40 (0.0078-0.0157)
	Gap	5.034-5.106 (.198-.201)
		0.38-1.40 (.015-.055)
		0.20-0.40 (0.0078-0.0157)

Engine - Piston Pins

Material	Chromium Steel	
Length	69.7-70.3 (2.744-2.768)	66.8-67.0 (2.630-2.638)
Diameter	22.9937-23.0015 (.9053-.9056)	24.995-25.000 (0.9841-0.9843)
Type	Locked in rod, in piston, floating, etc.	Locked in rod
	Bushing	In rod or piston
Material		---
Clearance	In piston	Cast Copper Alloy
	In rod	.0050-.0076 (.0002-.0003)
		0.003-0.020 (0.00031-0.00077)
Direction & amount offset in piston		Major Thrust Side 1.5 (.059)
		Major Thrust Side 0.5 (0.020)
		(a) Lower-.20-.45 (.0078-.0177)

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Engine - Connecting Rods

Material	Forged Steel 1141	Forged Alloy Steel	
Mass, g (weight, oz.)	354 (12.49)	780 (27.51)	
Length (center to center)	122 (4.803)	133.5 (5.256)	
Bearing	Material & type	Steel Backed Copper-Lead Alloy	
	Overall length	18.80-19.05 (.74-.75)	21.87-22.13 (0.861-0.871)
	Clearance (limits)	.036-.090 (.0014-.0035)	0.040-0.081 (0.0016-0.0032)
	End play	.11-.32 (.004-.012)	0.20-0.33 (0.0079-0.0130)

Engine - Crankshaft

Material	Nodular Cast Iron	Forged Steel, Softnitrided		
Vibration damper type	Rubber Mounted Inertia			
End thrust taken by bearing (no.)	5	3		
Crankshaft end play	.010-.020 (.004-.008)	0.06-0.24 (0.0024-0.0094)		
Main bearing	Material & type	Steel Backed Copper-Lead Alloy		
	Clearance	.014-.078 (.0006-.0031)	0.039-0.080 (0.0015-0.0031)	
	Journal dia. and bearing overall length	No. 1	51.012 x 17.875 (2.0083 x .7037)	55.928 x 22.0 (2.2019 x 0.8661)
		No. 2	51.012 x 17.875 (2.0083 x .7037)	55.928 x 22.0 (2.2019 x 0.8661)
		No. 3	51.012 x 17.875 (2.0083 x .7037)	55.928 x 22.0 (2.2019 x 0.8661)
		No. 4	51.012 x 17.875 (2.0083 x .7037)	55.928 x 22.0 (2.2019 x 0.8661)
		No. 5	51.000 x 23.875 (2.0078 x .9399)	55.928 x 22.0 (2.2019 x 0.8661)
		No. 6	---	---
		No. 7	---	---
	Dir. & amt. cyl. offset	---		
No. bolts/main brg. cap	TWO			
Crankpin journal diameter	45.958-45.984 (1.809-1.810)	48.940-48.925		

Engine - Camshaft

Location	In Cylinder Head			
Material	Cast Alloy Iron			
Bearings	Material	Steel Backed Babbitt		
	Number	5		
Type of drive	Gear, chain or belt	Timing Belt		
	Crankshaft gear or sprocket material	Sintered Iron, Carbonitrided	Sintered Iron Steam Treated	
	Camshaft gear or sprocket material	Cast Iron	Sintered Iron Steam Treated	
	Timing chain	No. of links	100	134
	Chain or belt	Width	19 (.748)	30 (1.181)
		Pitch	9.5 (.375)	9.525 (0.375)

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Engine - Valve System

Hydraulic lifters (std.)		Hydraulic Valve Lash Adjusters	Mechanical Valve Lash Adjusters		
Valve rotator, type (intake, exhaust)		None	None		
Push rods (dia., length, material)		None	None		
Rocker ratio		1.6:1	1.5:1		
Operating tappet clearance (indicate hot or cold)	Intake	Zero	29mm Cold & Hot		
	Exhaust	Zero	35mm Cold & Hot		
Timing (based on top of ramp points)	Intake	Opens (*BTC)	32		
		Closes (*BTC)	60		
		Duration (deg.)	272		
	Exhaust	Opens (*BTC)	65		
		Closes (*BTC)	29		
		Duration (deg.)	274		
Valve open overlap (deg.)		60	61		
Intake valve	Material		1541 Steel, Hardened Head & Seat, Chrome Flash Stem (a)		
	Overall length		98.245-98.755 (3.870-3.888)	132.10-132.50 (5.200-5.217)	
	Actual overall head dia		38.87-39.13 (1.53-1.54)	39.0-38.9 (1.535-1.531)	
	Angle of seat & face (deg.)		46.45	45.0	
	Seat insert material		None	Forged High Hot-Strength Steel	
	Stem diameter		7.972-7.985 (.31386-.31437)	7.946-7.961 (0.3128-0.3134)	
	Stem to guide clearance		.046-.053 (.0018-.0021)	0.039-0.071 (0.0015-0.0028)	
	Lift (at zero lash)		9.8195 (.3866)	9.6 (0.378)	
	Outer spring press & length	Valve closed— N at mm (lb. at in.)	271-307 @ 33.1 (60.9-69.0 @ 1.303)	143-165 @ 41 (32-37 @ 1.61)	
		Valve open— N at mm (lb. at in.)	721-791 @ 23.3 (162.1-177.8 @ .92)	445-514 @ 31.4 (100-116 @ 1.24)	
	Inner spring press & length	Valve closed— N at mm (lb. at in.)	None	83-95 @ 38.5 (19-21 @ 1.52)	
		Valve open— N at mm (lb. at in.)	None	239-276 @ 28.9 (54-62 @ 1.14)	
	Exhaust valve	Material		Armco 21-2	Stellite Seat, Full Chrome Stem (a)
		Overall length		98.695-99.205 (3.886-3.906)	132.1-132.5 (5.200-5.217)
		Actual overall head dia		31.87-32.13 (1.255-1.265)	33.9-34.0 (1.335-1.339)
Angle of seat & face (deg.)		46.45	45.0		
Seat insert material		None	Forged High Hot-Strength Steel		
Stem diameter		7.952-7.965 (.3131-.3136)	7.94-7.955 (0.3126-0.3132)		
Stem to guide clearance		.066-.074 (.0026-.0029)	0.045-0.077 (0.0018-0.0030)		
Lift (at zero lash)		9.8195 (.3866)	10.1 (0.398)		
Outer spring press & length		Valve closed— N at mm (lb. at in.)	271-307 @ 33.1 (60.9-69.0 @ 1.303)	143-164 @ 41 (32-37 @ 1.61)	
		Valve open— N at mm (lb. at in.)	721-791 @ 23.3 (162.1-177.8 @ .92)	462-531 @ 30.9 (104-119 @ 1.22)	
Inner spring press & length		Valve closed— N at mm (lb. at in.)	None	83-95 @ 38.5 (19-21 @ 1.52)	
		Valve open— N at mm (lb. at in.)	None	248-285 @ 28.4 (56-64 @ 1.12)	

(a) Forged High Hot-Strength Steel, Stellite Seat, Hard Chrome Plated Stem.

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Engine – Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Splash	
	Camshaft bearings	Pressure	
	Tappets	Pressure	None
	Timing gear or chain	None	
	Cylinder walls	Splash	
Oil pump type	Gear	Trochoid	
Normal oil pressure-kPa (psi) at engine rpm	397 (57) @ 1200	441 (64) @ 5000	
Type oil intake (floating, stationary)	Stationary		
Oil filter system (full flow, part, other)	Full Flow		
Capacity of c/case, less filter-refill-L (qt.)	3.8 (4.0)	4.7 (5.0)	
Oil grade recommended (SAE viscosity and temperature range)	Minus 6.6°C (20°F) & above 20W-20, 10W-30, 10W-40, 20W-40, 20W-50 Minus 17.7°C to +15.5°C (0 to 60°F) 10W, 5W-30, 10W-30, 10W-40 Minus 6.6°C (20°F) & Below 5W-20, 10W-30	Below 0°C (32°F) SE/CC, SF/CC 10W30 Above 0°C (32°F) SE/CC, SF/CC SAE 30	
Engine service reqmt. (SD, SE, etc.)	SE	SE/CC, SF/CC	

Engine – Exhaust System

Type (single, single with cross-over, dual, other)	Single		
Muffler no & type (reverse flow, straight thru, separate resonator)	One, Reverse Flow		
Resonator no & type	One, Straight Thru (a)	Not available	
Exhaust pipe	Branch O.D. wall thickness	--	Not available
	Main O.D. wall thickness	44.45 (1.75) x .81 (.032)	
	Material	(1)	Aluminum coated steel
Inter-mediate pipe	O.D & wall thickness	50.8 (2.0) x 1.83 (.072)	
	Material	Aluminum coated steel	
Tail pipe	O.D & wall thickness	44.45 (1.75) x 1.83 (.072)	
	Material	Aluminum coated steel	

(a) California only.

(1) Laminated tubing - stainless steel outer, steel inner.

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1.6 LITER L-4 (98 CID) 2-BBL CARBURETOR RPO L17	1.8 LITER L-4 (111 CID) FUEL INJECTION (DIESEL) RPO L35
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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.		Carburetor	Fuel Injection	
Fuel tank	Refill capacity - L (U.S. gals.)	47.3 (12.5) Approximately		
	Filler location	Left rear quarter panel		
Fuel pump	Type (elec. or mech.)	Mechanical	Engine mounted -	
	Locations	Lower LF	- Integral with injection pump	
	Pressure range - kPa (psi)	34-45 (5.0-6.5)	Not available	
Carburetor	Mfg. & model			
	Choke type		Electric	
	Intake manifold heat control (exhaust or water)		Exhaust	None
	Air cleaner type	Standard	Paper element, single snorkel	Remote paper element
		Optional		
	Idle spd -rpm (spec neutral or drive)	Manual	800 (700 with 3.36:1 axle)	620
Propane (neu.)				
Automatic		700	720	
Idle A/F mix		Not available		

Engine - Diesel Information

Glow plug		Yes
Injector nozzle	Type	Pintle
	Opening pressure - kPa. (psi)	11760 (1707)
Pre-chamber design		Ricardo Comet V
Fuel injection pump	Manufacturer	Diesel Kiki
	Type	Bosch VE
Supplementary vacuum source (type)		Generator Driven

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Engine - Cooling System

Coolant recovery system (std., opt., none)		Standard		
Radiator cap relief valve pressure - kPa (psi)		103.4 (15.0)		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at °C (°F)	88 (190)	82 (180)	
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM 1000 pump rpm	--		
	Number of pumps	One		
	Drive (V-belt, other)	V-Belt		
Bearing type		Double Row Ball		
By-pass recirculation type (inter., ext.)		Internal	External	
Radiator core type (cross-flow vertical, cellular, tube and fin, other)		Cross Flow, Tube & Center		
Cooling system capacity	With heater - L (qt.)	8.67 (9.16)	8.06 (8.52)	
	Without heater - L (qt.)	Heater Standard Equipment		
	Opt. equipment-specify - L (qt.)	8.76 (9.26)	Not available	
Water jackets full length of cyl. (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator (hose)	Lower	Number and type (molded, straight)	One, Molded	
		Inside diameter	--	
	Upper	Number and type (molded, straight)	One, Molded	
		Inside diameter	--	
	By-pass	Number and type (molded, straight)	None	One, Molded
		Inside diameter	--	16 (0.630)
Radiator (core)	Standard	Width	304.8 (12.0)	430.0 (16.9)
		Height	375.2 (14.8)	387.5 (15.25)
		Thickness	31.5 (1.24)	25.0 (.98)
	A/C	Width	426.7 (16.8)	--
		Height	375.2 (14.8)	--
		Thickness	31.5 (1.24)	--
	Heavy duty	Width	426.7 (16.8)	--
		Height	375.2 (14.8)	--
		Thickness	31.5 (1.24)	--
Fan (standard)	Number of blades & type - flex/solid		4, Staggered	7, Plastic Blades, Fan Clutch
	Diameter		330 (13.0)	390 (15.35)
	Ratio - fan to crankshaft rev.		1.07	1.11
	Fan cutout type		None	Clutch, Thermo-modulated
	Drive type-number of fans		V-Belt - One	
Fan (optional)	No. of blades and spacing		7, Staggered	None
	Diameter		360 (14.17)	--
	Ratio - fan to crankshaft rev.		--	--
	Fan cut-out type		Clutch, Thermo-modulated	--
	Drive type-number of fans		V-Belt - One	--

(*) Base Transmission
 (O) With Air Conditioning

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Vehicle Emission Control

Type (air injection, engine modifications, other)		Computer command control with pulse air injection	None
Air Injection Pump	Type		None
	Displacement—cm ³ (in ³)	Air drawn into	
	Drive ratio	system by exhaust	
	Drive type	manifold pulses	
	Relief valve (type)		
	Filter (describe)		
Air Injection System	Air distribution (head, manifold, etc.)		None
	Point of entry		
	Injection tube id		
	Check valve type		
	Backfire protection (type)		
Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled Flow	None
	Valve type	Vacuum modulated shut-off & metering	
	Valve location	Inlet Manifold	
	Control energy source	Carburetor Vacuum	
	Exhaust source	Manifold	
	Exhaust cooler type	None	
	Orifice no. and size	One	
	Point of exhaust injection (spacer carburetor, manifold, other)	Inlet manifold	
Catalytic Converter System	Catalyst	Type	Platinum, Palladium & Rhodium
		Volume—L(in ³)	2.522 (160)
	Substrate type	Pellets - Single Bed	
	Container location	Beneath RF Underbody	
Other	Carburetor Hot Air	Inermostatically controlled air cleaner regulates and mixes heated air with incoming cold air.	None

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Vehicle Emission Control (continued)

	Type (ventilates to atmos. induction system, other)		Standard			
			Optional			
Crankcase Emission Control	Control unit	Make and Model	AC			
		Location	Valve Rocker Cover			
		Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum			
		Control method (variable orifice, fixed orifice, other)	Variable Orifice	Diaphragm		
	Complete system	Discharges (to intake manifold, other)	Inlet Manifold			
		Air inlet (breather cap, other)	Carburetor Air Cleaner			
		Flame arrestor (screen, other)	Screen			
	Evaporative Emission Control	Fuel tank	Thermal expansion volume—dm ³ (ft ³)			
			Relief pressure kPa (psi) and location			
			Vacuum relief kPa (psi) and location			
Vapor-liquid separator type			Integral With Fuel Tank			
Vapor vented to (crankcase, canister, other)			Canister	None		
Carbu- retor		Vapor vented to (crankcase, canister, other)	Canister			
Vapor storage		Storage provision (crankcase, canister, other)	Canister			
		Volume—dm ³ (ft ³) or capacity (grams)	Approximately 30 Grams			
		Control valve type	Vacuum Diaphragm Controlled Constant Orifice			

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) _____

Engine Description/Carb.
 Engine Code

1.6 LITER I-4 (98 CID) 2-BBL CARBURETOR RPO L17	1.8 LITER I-4 (111 CID) FUEL INJECTION (DIESEL) RPO L35
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Electrical - Supply System

Battery	Make and model		Delco "Freedom II"			
	Voltage rtg. -V- & total plates		12 Volt			
	SAE designation no. and/or capacity		58 Min.Res.Cap. (M/T) 75 Min.Res.Cap. (A/T)	135 Min.Res.Capacity		
	Location		Engine Compartment, R.F.	Engine Compartment, L.F.		
Generator or alternator	Make		Delco Remy	Hitachi		
	Model		1100138	LRT155-12B (A)		
	Type and rating		42 Amps	55 Amps		
	Output at engine idle (neutral) A			M/T 9, A/T 18		
	Ratio-gen. to crs rev.			1.75		
Regulator	Make		Delco Remy	Hitachi		
	Model					
	Type		Micro Circuit; Integral	Integrated Circuit,		
	Regulated	Voltage				
		Current A				
	Voltage test conditions	Temperature - °C (°F)				
		Load A				
Other						

Electrical - Starting System

Starting motor	Make		Delco Remy	Hitachi		
	Model		5MT Series 100	S13-62A (Gear Reduction)		
Motor drive	Engagement type		Positive Shift Solenoid			
	Pinion engages from (front, rear)		Rear			
	Number of teeth	Pinion		9		
		Flywheel	Manual	142	115	
			Auto	142	115	

(A) - With vacuum pump and integrated circuit regulator

MVMA Specifications Form
Passenger Car
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Car Line _____
 Model Year 1982 Issued 8-81 Revised (*) 10-81

Engine Description/Carb.
 Engine Code

1.6 LITER L-4 (98 CID) 2-BBL. CARBURETOR RPO L17	1.8 LITER L-4 (111 CID) FUEL INJECTION (DIESEL) RPO LJS
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Electrical - Ignition System

Type	Conventional - std., opt., n.a.		Not available
	Transistorized - std., opt., n.a.		--
	Other (specify)		High Energy Ignition (HEI)
Coil	Make		Delco Remy
	Model		Mounted to Cylinder Block
	Current	Engine stopped - A	
		Engine idling - A	
Spark plug	Make		AC
	Model		R42TS
	Thread (mm)		M14 X 1.25
	Tightening torque - N-m (lb ft)		
	Gap		0.889 (.035)

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.
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Electrical - Instruments and Equipment

Speed-ometer	Type	Circular Dial With Pointer
	Trip odometer (std., opt., n.a)	Not Available
EGR maintenance indicator		None
Charge indicator	Type	Tell-Tale Warning Light
	Warning device	None
Temperature indicator	Type	Tell-Tale Warning Light
	Warning device	None
Oil pressure indicator	Type	Tell-Tale Warning Light
	Warning device	None
Fuel indicator	Type	Electric Gauge
	Warning device	None
Wind-shield wiper	Type - standard	Electric 2-Speed
	Type - optional	None
	Blade length	403.4 (15.9 in)
	Swept area - cm ² (in ²)	3951 (612.5 in ²)
Wind-shield washer	Type - standard	Electric Push-Button
	Type - optional	None
	Fluid level indicator	None
Horn	Type	Electric Vibrator
	Number used	One
Other	Parking brake warning light and brake failure warning light, restraint system warning light and buzzer.	

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) 4-82

Engine Description/Carb. Engine Code	1.6 LITER L-4 (98 CID) 2-BBL CARBURETOR RPO L17	1.8 LITER L-4 (111 CID) FUEL INJECTION (DIESEL) RPO L15
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Drive Units - Clutch (Manual Transmission)

Make & type	Borg & Beck, Dry Single Plate	Daikin, Dry Single Plate	
Type pressure plate springs	Diaphragm	Diaphragm	
Total spring load - N (lb.)	4183 (940)	3234 (727)	
No. of clutch driven discs	One		
Clutch facing	Material	Molded Type Asbestos	Special Woven N13
	Manufacturer	Borg & Beck	Hitachi Kasel
	Part number	14032337(4-Spd)14045848(5-Spd)	94241951
	Rivets/plate	16	
	Rivet size	3.63 x 5.41 (.143 x .213)	4.0 (0.157)
	Outside & inside dia	180 x 131 (8.0 x 6.0)	180 x 131 (8.0 x 5.16)
	Total eff. area - cm ² (in. ²)	142 (22.0)	362.9
	Thickness	8.128 (.320)	3.5 (.138)
Engagement cushion method	Flat Spring Steel Between Facings		
Release bearing	Type & method of lubrication	Single Row Ball, Packed & Sealed	Angular Contact Ball Bearings Packed & Sealed
Torsional damping	Method, springs, friction material	Coil Springs	

Drive Units - Transmissions

Manual 3-speed (std., opt., n.a.)	Not Available	
Manual 4-speed (std., opt., n.a.)	Base	Not Available
Manual 5-speed (std., opt., n.a.)	Optional	Base
Manual overdrive (std., opt., n.a.)	Included with 5-Speed Trans.	
Automatic (std., opt., n.a.)	Opt. (with Converter Clutch)	
Automatic overdrive (std., opt., n.a.)	Not Available	

Drive Units - Manual Transmission

Number of forward speeds	4	5	5	
Transmission ratios	In first	3.75	3.76	3.79
	In second	2.16	2.18	2.18
	In third	1.38	1.36	1.42
	In fourth	1.00		
	In fifth	--	.86	.86
	In overdrive	--	--	--
	In reverse	3.82	3.76	3.76
Synchronous meshing, specify gears	All Forward Gears			
Shift lever location	Floor Mounted			
Lubricant	Capacity - L (qt.)	1.6 (3.4)	1.55 (3.3)	
	Type recommended	GL-5 Gear Lubricant		
	SAE viscosity number	Summer	80W or 80W-90	SAE 5W-30SE
		Wint's	80W or 80W-90	SAE 5W-30SE
Extreme cold		80W or 80W-90	SAE 5W-30SE	

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) _____

Engine Description/Carb.
 Engine Code

1.6 LITER L-4 (98 CID) 2-BBL CARBURETOR RPO L17	1.8 LITER L-4 (111 CID) FUEL INJECTION (DIESEL) RPO LJ5
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Drive Units – Automatic Transmission

Trade name		3-Speed Automatic	
Type (describe)		Torque Converter With Planetary Gears	
Selector	Location	'180c'	Floor Mounted '200c'
	Ltr./No. designation	P-R-N-D-2-1	
Gear ratios	R	1.92	2.07
	D	1.00	1.00
	L ₃	1.48	1.57
	L ₂	2.40	2.74
	L ₁		
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	2.25	
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	245 (9.65)	
Lubricant	Capacity—refill—L (pt.)	2.8 (6.0)	
	Type recommended	Dexron II	
Special transmission features		Torque Converter Clutch, 3rd Gear Lock-Up	

Drive Units – Axle or Front Wheel Drive Unit

Type (front, rear)		Rear		
Description		Semi-Floating With Hypoid Overhung Pinion Gear		
Limited slip differential, type		Not Available		
Drive pinion offset		28.4 (1.12)		
Drive pinion type		Hypoid Gear		
No. of differential pinions		Two		
Pinion adjustment (shim, other)		Shims		
Pinion bearing adj. (shim, other)		Collapsible Sleeve		
Driving wheel bearing type		Direct Single Row Ball		
Lubricant	Capacity—L (pt.)		0.8 (1.75)	
	Type recommended		GL-5 Gear Lubricant	
	SAE viscosity number	Summer	80W or 80W-90	
		Winter	80W or 80W-90	
		Extreme cold	80W or 80W-90	

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

Axle ratio or overall ratio		(:1) 3.36, 3.62
No. of teeth	Pinion	10
	Ring gear or gear	37
Ring gear O.D.		165 (6.50)
Transaxle	Transfer gear ratio	Not available
	Final drive ratio	Not available

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*)

Engine Description/Carb.
 Engine Code

2-DOOR COUP	4-DOOR SEDAN
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Drive Units – Propeller Shaft – Conventional Drive

Type (straight tube, tube-in-tube, internal-external damper, etc.)		(a)	
Outer diam. x length* x wall thickness	Manual 3-speed trans	Not available	
	Manual 4-speed trans	50.8 x 731.5 x 1.40 (2.0 x 28.8 x .055)	50.8 x 808.2 x 1.40 (2.0 x 31.8 x .055)
	Manual 5-speed trans.	50.8 x 535.2 x 1.40 (2.0 x 21.1 x .055)	50.8 x 611.4 x 1.40 (2.0 x 24.1 x .055)
	Overdrive	Not available	
	Automatic transmission	50.8 x 586.0 x 1.40 (2.0 x 23.1 x .055)	50.8 x 652.2 x 1.40 (2.0 x 26.1 x .055)
Inter-mediate bearing	Type (plain, anti-friction)	Anti-Friction	
	Lubrication (fitting prepack)	Prepacked	
Slip yoke	Type	Spline	
	Number of teeth	27	
	Spline o.d.	28 (1.12)	
Universal joints	Make and mfg. no	Front	Saginaw 23
		Rear	
	Number used	Two	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt, clamp, etc.)	U-Bolt	
	Bearing	Type (plain, anti-friction)	Anti-Friction
Lubric. (fitting, prepack)		Prepacked	
Drive taken through (torque tube or arms, springs)		Control Arms	
Torque taken through (torque tube or arms, springs)		Torque Tube	

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

- (a) Straight tube attached to 'U' joints to a solid steel pinion extension. A torque tube housing extension shaft is bolted.
- (b) Tuned torsional damper used with automatic transmission and gasoline engine.

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*)

Engine Description/Carb.
 Engine Code

2-Door Hatchback Coupes		4-Door Hatchback Sedans	
1TB08	1TJ08	1TB68	1TJ68

Drive Units - Tires And Wheels (Standard)

Tires	Size, load range, ply		P155/80R-13 (BW,WW)*
	Type (bias, radial, etc.)		Glass 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)		569 (916)
Wheels	Type & material		Short Yoke Disc, Steel
	Rim (size & flange type)		13 x 5
	Wheel offset		37mm
	Attachment	Type: (bolt or stud)	Stud
		Circle diameter	100mm
Number & size		4 Hex Nuts - M12 x 1.5	
Spare tire and wheel (same or other)		14 x 4 (49mm); Compact Tire - T115/70D-14	

Drive Units - Tires And Wheels (Optional)

Size, load range, ply		P175/70R-13 (BW,WW)
Type (bias, radial, etc.)		Steel Belted Radial
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material		
Rim (size, flange type, and offset)		
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)		

Brakes - Parking

Type of control		Grip Handle
Location of control		On Floor Between Seats
Operates on		Rear Service Brakes
If separate from service brakes	Type (internal or external)	--
	Drum diameter	--
	Lining size (length x width x thickness)	--

(*) Blackwall Standard on 1TJ00 models; whitewall standard on 1TB00 Models.

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

Car Line LT/VE/LE
 Model Year 1982 Revised 8-81 Revised (*)

Body Type And/Or
 Engine Displacement

2-Door Coupe

4-Door Sedan

Brakes - Service

Brake type (std., opt., n.a.)	Drum	Front	Not available	
		Rear	Standard	
	Disc	Front	Standard	
		Rear	Not available	
Self-adjusting (std., opt., n.a.)			Standard	
Special valving	Type (proportion, delay, metering, other)		Proportioning	
Power brake (std., opt., n.a.)			Optional	
Booster type (remote, integral vac. hyd. etc.)			Integral	
Anti-skid device type (std., opt., n.a.)			Not available	
Effective area - cm ² (in. ²)*			514.9 (79.83)	
Gross lining area - cm ² (in. ²)**			--	
Swept area - cm ² (in. ²)***			1804.5 (279.77)	
Rotor	Outer working diameter	F	246 (9.68)	
		R	--	
	Inner working diameter	F	143.8 (5.66)	
		R	--	
	Thickness	F	11 (.433)	
		R	--	
	Material & type (vented/solid)	F	Cast Iron, Solid	
		R	--	
Drum	Diameter (nominal)		200 (7.87)	
	Type and material		Duo-Servo; Cast Iron	
Wheel cyl- inder bore	Front		47.62 (1.88)	
	Rear		17.5 (0.69)	
Master cylinder	Bore		19 (0.75)	
	Stroke		33 (1.30)	
Pedal arc ratio			5.6:1 Manual; 4.75:1 Power	
Line pressure at 445 ft. (100 lb) pedal load - kPa (psi)			--	
Lining clearance per shoe	Front		Self Adjusting	
	Rear		Self Adjusting	
Brake lining	Front wheel	Bonded or riveted, rivets/seg		Bonded
		Rivet size		--
		Manufacturer		Delco Moraine
		Lining code		--
		Material		Inner - Metallic; Outer - Metallic
		Size	Primary or out-board	114 x 34 x 9.40 (4.49 x 1.34 x .370)
			Secondary or in-board	114 x 30 x 9.40 (4.49 x 1.18 x .370)
		Shoe thickness (no lining)		--
	Rear wheel	Bonded or riveted, rivets/seg		Riveted
		Manufacturer		Delco Moraine
		Lining code		--
		Material		Organic
		Size	Primary or out-board	167.7 x 43.9 x 3.8 (6.6 x 1.73 x 0.15)
			Secondary or in-board	203.3 x 43.9 x 4.8 (8.0 x 1.73 x 0.19)
Shoe thickness (no lining)		2.75 (.106)		

* 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

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (•) 4-82

2-Door Coupe	4-Door Sedan
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Steering

Manual (std opt n a)		Standard		
Power (std opt n a)		Optional (a)		
Adjustable steering wheel: (tilt, swing other)	Type and description	Tilt-Universally Jointed Steering Shaft at Base of Steering Wheel		
	(Std, opt n a)	Optional		
Wheel diameter	Manual	381 (15.0)		
	Power	381 (15.0)		
Turning diameter m (ft.)	Outside front	Wall to wall (l & r)	10.5 (34.3) 10.6 (34.9)	
		Curb to curb (l & r)	9.2 (30.2) 9.4 (30.8)	
	Inside rear	Wall to wall (l & r)	5.0 (16.5)	
		Curb to curb (l & r)	4.8 (15.9)	
Manual	Gear	Type	Rack & Pinion	
		Make	Saginaw Steering Gear	
		Ratios	Gear 19.0:1 Overall 18.4:1	
	No wheel turns (stop to stop)	3.6		
Power	Gear	Type	Rack & Pinion with Integral Power Unit	
		Make	Saginaw Steering Gear	
		Ratios	Gear 18.0:1 Overall	
	Pump driven by	'V' Belt Off Crankshaft Pulley		
No wheel turns (stop to stop)	--			
Linkage	Type	Rack and Pinion		
	Location (front or rear of wheels, other)	Front		
	Drag links (trans or longit)	None		
	Tie rods (one or two)	Two		
Steering axis	Bearings (type)	Inclination at camber (deg)	7.55	
		Upper	Ball Joint	
		Lower	Ball Joint	
	Thrust	None		
Steering spindle & joint type	Forged Knuckle w/Upper & Lower Spherical Joints			
Wheel spindle	Diameter	Inner bearing	26.97 (1.06)	
		Outer bearing	17.45 (0.69)	
	Thread size	3/4 - 20 NEF (MIG-T)		
	Bearing type	Tapered Roller		
Wheel align at curb mass (wt)	Service checking	Caster (deg)	+3.0 to +7.0	
		Camber (deg)	-.5 to +.9	
		Toe-in (outside track-mm (in))	-.02 to +.14	
	Service reset	Caster	+5.0 + 1	
		Camber	+.2 + .4	
		Toe-in	+.06 + .04	
	Periodic MV inspection	Caster	+3.0 to +7.0	
		Camber	-1.25 to +1.75	
Toe-in		-.02 to +.14		

(a) Available only with automatic transmission and air conditioning.

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) _____

Body Type And/Or
 Engine Displacement

2-Door Coupe

4-Door Sedan

Suspension – General

Car leveling	Std./opt./n/a.	None
	Type (air, hyd., etc.)	--
	Manual/auto controlled	--
Provision for brake dip control		Front Suspension Geometry
Provision for acc. squat control		Rear Suspension Geometry
Special provisions for car jacking		Position Jack in Bumper Slots in Bottom of Front & Rear Bumper Face Bars
Shock absorber front & rear	Type	Direct, Double Acting, Hydraulic
	Make	Delco
	Piston dia.	25 (1.0)
Other special features		--

Suspension – Front

Type and description		Independent SLA
Travel	Full jounce	--
	Full rebound	--
Spring	Type (coil, leaf, other)	Coil
	Material	Steel Alloy
	Size (coil design height & i.d., bar length & dia.)	209.3 (8.24) x 81.7 (3.22) x 2690.8 (105.9) x 12.06 (0.475)
	Spring rate—N/mm (lb./in.)	28 (160)
	Rate at wheel—N/mm (lb./in.)	12.9 (74)
Stabilize.	Type (link, linkless, frameless)	Link, Mounted to Body Front Rails
	Material & bar diameter	HR Steel - 22 (.87)

Suspension – Rear

Type and description		Solid Axle, Positioned by Links, Torque Tube & Track Bar
Drive and torque taken through		Control Arms, Torque Tube
Travel	Full jounce	--
	Full rebound	--
Spring	Type (coil, leaf, other)	Coil
	Material	Steel Alloy
	Size (length x width, coil design height & i.d., bar length & dia.)	233.7 (9.20) x 92.62 (3.65) x 2301.9 (90.6) x 13.19 (0.519)
	Spring rate—N/mm (lb./in.)	27.1 (155)
	Rate at wheel—N/mm (lb./in.)	20.5 (117)
	Mounting/insulation type	--
	if leaf	No. of leaves
	Shackle (comp. or tens.)	None
Stabilizer	Type (link, linkless, frameless)	None
	Material & bar diameter	None
Track bar type		Tubular, With Rubber Bushings

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

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*)

Body Type

2-DOOR HATCHBACK COUPES 1TB08	1TJ08	4-DOOR HATCHBACK SEDAN 1TB68	1TJ68
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Body -- Miscellaneous Information

Type of finish (lacquer, enamel, other)	Lacquer		
Hood hinge location (front, rear)	Rear		
Hood counterbalance (type)	Hood is not counterbalanced, hood is held open with a rod.		
Hood release control (internal, external)	Internal		
Vehicle ident no location	Top left hand of instrument panel pad		
Vent window control method (crank, friction pivot, power)	Front	None	
	Rear	Friction pivot	None
Seat cushion type	Front	Formed foam pad	
	Rear	Formed foam pad	
	3rd seat	None	
Seat back type	Front	Formed foam pad	
	Rear	Formed foam pad	
	3rd seat	None	
Method of holding luggage compart lid open	Telescoping gas strut - left side		
Position of spare tire storage	Flat under rear load floor		

Passive Restraint System

Inflatable restraint system	Standard/optional	None		
	Type of charging system			
	Location (stg whl., instru panel, other)			
Passive seat belts	Standard/optional	Optional	N.A.	Optional
	Power/manual	Manual	--	Manual
	2 or 3 point	3 Point	--	3 Point
	Knee bar/lap belt	Lap belt	--	Lap belt

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized frame with crossmember reinforcement
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MVMA Specifications Form:
Passenger Car
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Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*)

Body Type	2-DOOR HATCHBACK COUPLET		4-DOOR HATCHBACK SEDAN	
	1TB08	1TJ08	1TB68	1TJ68

Convenience Equipment

Power windows	Side windows	Not available			
	Vent windows	Not available			
	Backlight or tailgate	Not available			
Power seats (specify type as well as availability)		Not available			
Reclining front seat back (left or both)		Standard on 1TB00 models			
Radio (specify type as well as availability)		AM push-button, standard equipment 1TB00 models, optional 1TJ00 models. Optional AM/FM push-button. (a)			
Rear seat speaker		Optional	Not available	Optional	Not available
Power antenna		Not available			
Clock		Optional			
Air conditioner (specify type)		Optional - "Four season" with manual control			
Speed warning device		Not available			
Speed control device		Not available			
Ignition lock lamp		Not available			
Dome lamp		Standard			
Glove compartment lamp		Optional 1TB00 models, not available 1TJ00 models.			
Luggage compartment lamp		Optional			
Underhood lamp		Optional			
Courtesy lamp		Optional			
Map lamp		Not available			
Cornering lamp		Not available			
Rear window defroster electrically heated		Optional			
Rear window defogger		Not available			
Theft protection—type		Lock; mounted on steering column; locks steering wheel, transmission shift lever and ignition.			

(a) optional AM/FM push-button stereo.

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Passenger Car
METRIC (U.S. Customary)

Car Line CHEVETTE
 Model Year 1981 Issued 9-80 Revised (*) _____

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight lb)			
	Front	Rear	Total	
Air Conditioning	27.8	0	27.8	4-Speed transmission
	(+61.3)	(0)	(+61.3)	
	27.0	0	27.0	Automatic transmission
	(+59.5)	(0)	(+59.5)	
Floor Mats Front & Rear	2.0	1.2	3.2	
	(+ 4.4)	(+2.6)	(+ 7.0)	
Power Brakes	2.6	0.6	3.2	
	(+ 5.7)	(+1.3)	(+ 7.0)	
Power Steering	9.0	0	9.0	
	(+19.8)	(0)	(+19.8)	
Deluxe Exterior	0.4	0.2	0.6	1T800
	(+ 0.9)	(+0.4)	(+ 1.3)	
Dual Sport Rear View Mirrors	0.8	0.4	1.2	1T800
(L.H. Remote, Man Convex RH)	(+ .8)	(+0.8)	(+ 2.6)	
Molding-Body Side	0.4	0.6	1.0	1TJ08
	(+ 0.8)	(+1.4)	(+ 2.2)	
Heavy Duty Battery	2.6	-0.2	2.4	
	(+ 5.7)	(-0.4)	(+ 5.3)	
Electric Rear Window Defogger	0	0.8	0.8	
	(0)	(+1.8)	(+ 1.8)	
Luggage Carrier (Roof Mounted)	1.8	3.2	5.0	1TB & 1TJ08
	(+ 4.0)	(+7.0)	(+11.0)	
	2.0	3.4	5.4	1TB & 1TJ68
	(+ 4.4)	(+7.4)	(+11.8)	
Washer & wiper - Rear	-0.2	3.0	2.8	
	(- 0.4)	(+6.6)	(+6.2)	
Heavy Duty Cooling	0.8	0	0.8	With air conditioning
	(+ 1.8)	(0)	(+ 1.8)	
	1.0	0	1.0	without air conditioning
	(+ 2.2)	(0)	(+ 2.2)	

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

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

Car Line CHEVETTE
 Model Year 1981 Issued 9-80 Revised (*) 2-81

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight lb)			
	Front	Rear	Total	
Comfortilt	1.4	0.4	1.8	
Steering Wheel	(+ 3.0)	(+ 0.8)	(+ 3.8)	
Radio AM Push-Button	1.4	0.4	1.8	
	(+ 3.0)	(+ 0.8)	(+ 3.8)	Standard equipment ITR00 models, Optional ITJ0
Radio AM/FM Push-Button	0.2	0	0.2	
	(+ 0.4)	0	(+ 0.4)	ITB00
	1.6	0.4	2.0	ITJ08
	(+ 3.5)	(+ 0.8)	(+ 4.4)	
Radio AM/FM Stereo (3-speakers)	0.2	0	0.2	ITB00
	(+ 0.4)	0	(+ 0.4)	
	1.8	0.4	2.2	ITJ08
	(+ 4.0)	(+ 0.8)	(+ 4.8)	
Auxiliary Speaker-Rear	0	0.6	0.6	
	(0)	(+ 1.4)	(+ 1.4)	
3-Speed Automatic Transmission	11.6	5.8	17.4	THM 180
	(+25.6)	(+12.8)	(+ 38.4)	ITB00
	14.2	7.6	21.8	ITJ08
	(+31.3)	(+16.8)	(+ 48.1)	THM 180
	15.6	8.4	24.0	THM 200c
	(+34.4)	(+18.5)	(+ 52.9)	ITB00
	16.4	9.0	25.4	ITJ08
	(+36.2)	(+19.8)	(+ 56.0)	THM 200c
	16.2	8.8	25.0	THM 200
	(+35.7)	(+19.4)	(+ 55.1)	Used with diesel engine RPO LJ5
5-Speed Manual Transmission (MB4)	6.6	5.4	12.0	All models except ITR68
	(+14.6)	(+11.9)	(+ 26.5)	
5-Speed Manual Transmission (M75)	2.8	1.8	4.6	Diesel engine
	(+ 6.2)	(+ 4.0)	(+ 10.2)	
1.8 Liter L-4 (111 CID) RPO LJ5 Diesel	70.8	4.2	75.0	ITB00
	(+156.1)	(+ 9.3)	(+165.4)	

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) 4-82

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 HATCHBACK COUPES		4-DOOR HATCHBACK SEDANS	
	1TB08	1TJ08	1TB68	1TJ68

Width

Tread — Front	W101	1300 (51.2)		
Tread — Rear	W102	1300 (51.2)		
Vehicle width	W103	1570 (61.8)		
Body width at Sg RP — front	W117	1546 (60.9)		
Vehicle width — front doors open	W120	3384 (133.2)	3048 (120.0)	
Vehicle width — rear doors open	W121	--	2974 (117.1)	

Length

Wheelbase	L101	2394 (94.3)	2471 (97.3)	
Vehicle length	L103	4111 (161.9)	4188 (164.9)	
Overhang — front	L104	787 (31.0)		
Overhang — rear	L105	930 (36.6)		
Upper structure length	L123	2510 (98.8)	2586 (101.8)	
Rear wheel C/L "X" coordinate	L127	2179 (85.5)		
Cowl point "X" coordinate	L125	306 (12.0)		

Height **

Passenger Distribution (frt./rear)	PD1,2,3		**		
Trunk/Cargo load			**		
Vehicle height	H101	1344 (52.9)	1343 (52.9)	1344 (52.9)	1343 (52.9)
Cowl point to ground	H114	898 (35.4)	896 (35.3)	897 (35.3)	896 (35.3)
Deck point to ground	H138				
Rocker panel front to ground	H112	208 (8.2)	208 (8.2)	209 (8.2)	208 (8.2)
Bottom of door closed - front to grd.	H133	271 (10.6)	270 (10.6)	271 (10.7)	270 (10.6)
Rocker panel rear to ground	H111	204 (8.0)			
Bottom of door closed - rear to grd.	H135	--			

Ground Clearance **

Front bumper to ground	H102	331 (13.0)	330 (13.0)	331 (13.0)	330 (13.0)
Rear bumper to ground	H104	331 (13.0)	331 (13.0)	331 (13.0)	332 (13.1)
Bumper to ground — front at curb mass (wt.)	H103	357 (14.1)			
Bumper to ground — rear at curb mass (wt.)	H105	349 (13.7)			
Angle of approach @ GVW	H106	19.1°	18.9°	18.9°	18.9°
Angle of departure @ GVW	H107	19.9°	19.5°	19.6°	19.7°
Ramp break-over angle @ GVW	H147	18.2°		17.7°	17.6°
Rear axle differential to ground	H153	155 (6.1)			
Min. running ground clearance	H158	147 (5.8)	146 (5.7)	147 (5.8)	146 (5.7)
Location of min. run. grd. clear.		K-Brace under front crossmember			

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

** All vehicle height and ground clearances are made using EPA loaded vehicle weight, loading conditions.

EPA LOADED VEHICLE WEIGHT is the base vehicle weight plus all coolant and fluids necessary for operation plus 100% of the fuel capacity, plus the weight of all options and accessories which weigh three pounds or more and which are sold on at least 33% of the car line, plus two occupants.

MVMA Specifications Form

Passenger Car
METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVETTE
Model Year 1982 Issued 8-81 Revised (*) 10-81

Body Type

SAE Ref. No.	2-DOOR HATCHBACK COUPES		4-DOOR HATCHBACK SEDANS	
		1TB08	1TJ08	1TB68

Front Compartment

Sg RP front, "X" coordinate	L31	1118 (44.0)			
Effective head room	H61	960 (37.8)		974 (38.3)	
Effective T Point head room	H75	965 (38.0)		977 (38.5)	
Max. eff. leg room — accelerator	L34	1058 (41.6)	1056 (41.6)	1058 (41.6)	
Sg RP — front to heel	H30	259 (10.2)			
Design H-point front travel	L17	134 (5.3)			
Shoulder room	W3	1273 (50.1)	1297 (51.1)	1266 (49.8)	1297 (51.1)
Hip room	W5	1268 (49.9)	1290 (50.8)	1256 (49.4)	1290 (50.8)
** Upper body opening to ground	H50				
Steering Wheel Angle	H18	30.2°			
Steer Angle	L40	26.5°			

Rear Compartment

Sg RP Point couple distance	L50	678 (26.7)		754 (29.7)	
Effective head room	H63	945 (37.2)		937 (36.9)	
Effective T Point head room	H76	940 (37.0)		938 (36.9)	
Min. effective leg room	L51	785 (30.9)	770 (30.3)	844 (33.2)	
Sg RP — second to heel	H31	268 (10.5)			
Knee clearance	L48	-62 (-2.4)	-67 (-2.6)	4 (0.2)	-1.0 (0)
Compartment room	L3	569 (22.4)		662 (26.1)	
Shoulder room	W4	1254 (49.4)	1276 (50.2)	1256 (49.4)	1286 (50.6)
Hip room	W6	1045 (41.1)		1047 (41.2)	
** Upper body opening to ground	H51	--			

Luggage Compartment

Usable luggage capacity — L(cu. ft.)	V1	--			
** Lifter height	H195	753 (29.6)		756 (29.8)	

All linear dimensions are in millimeters (inches).

** EPA LOADED VEHICLE WEIGHT, LOADING CONDITIONS

ALL INTERIOR DIMENSIONS ARE MEASURED WITH THE SEATING REFERENCE POINT (SgRP) _____mm (1 SEAT ADJUSTER NOTCH) FORWARD OF REARMOST SEAT POSITION.

MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)
Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) 4-82

Body Type	SAE Ref. No.	2-DOOR HATCHBACK COUPES	4-DOOR HATCHBACK SEDANS
		11B08	11J68

Station Wagon - Third Seat

Shoulder room	WB5	Not
Hip room	WB6	Applicable
Effective leg room	LB6	
Effective head room	HB6	
Effective Tpoint head room	MB9	
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	Not
Cargo length at belt - front	L204	Applicable
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 - I (cu. ft.)	V2	
Hidden cargo volume - L (cu. ft.)	V4	

Hatchback - Cargo Space

Front seat back to load floor height	H197	488 (19.2)	488 (19.2)	488 (19.2)	488 (19.2)
Cargo length at front seat back height	L208	1024 (40.3)	1024 (40.3)	1100 (43.3)	1100 (43.3)
Cargo length at floor - front	L209	1471 (57.9)	1471 (57.9)	1547 (60.9)	1547 (60.9)
Cargo volume index - L (cu. ft.)	V3	764L (27.0)*	777 (27.4)*	811L (28.6 cu. ft.)*	831L (29.4)*
Hidden cargo volume - L (cu. ft.)	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)

* VII-Hatchback, cargo volume index - second seat-up, 263 (9.3).

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVETTE
 Model Year 1982 Issued 8-81 Revised (*) _____

Body Type

2-DOOR NOTCHBACK COUPES 1TB08	1TJ08	4-DOOR HATCHBACK SEDANS 1TB68	1TJ68
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Vehicle Fiducial Marks

Fiducial Mark Number *	Define Coordinate Location
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.
	Z - Fiducial mark to horizontal base grid-front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.
Rear	X - Fiducial mark to vertical base grid line-rear measured horizontally from base grid line to the 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.
	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 504 (19.8)
	L54 1850 (72.8)
	H81 250 (9.8)
	H161 290 (11.4)
	** H163 267 (10.5)
Rear	W22 195 (7.7)
	L55 3950 (155.5) 4026 (158.5)
	H82 378 (14.9)
	H162 423 (16.7)
	** H164 404 (15.9)

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

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CHEVETTE
Model Year 1982 Issued 8-81 Revised (*) 10-81

Body Type	SAE Ref. No.	2-DOOR HATCHBACK COUPES 1TB08	1TJ08	4-DOOR HATCHBACK SEDANS 1TB68	1TJ68

Glass

Backlight slope angle	H121	62.5°			
Windshield slope angle	H122	52.8°			
Tumble-Home	W122	20.3°			
Windshield glass exposed surface area - cm ² (in ²)	S1	6735 (1043.9)			
Side glass exposed surface area - cm ² (in ²)	S2	9926 (1538.5)	10903 (1690.0)		
Backlight glass exposed surface area - cm ² (in ²)	S3	5835 (904.4)			
Total glass exposed surface area - cm ² (in ²)	S4	22496 (3486.9)	23473 (3638.3)		
Windshield glass type		Curved - Laminated plate			
Side glass type		Curved - Tempered plate			
Backlight glass type		Curved - Tempered plate			

Lamps and Headlamp Shape*

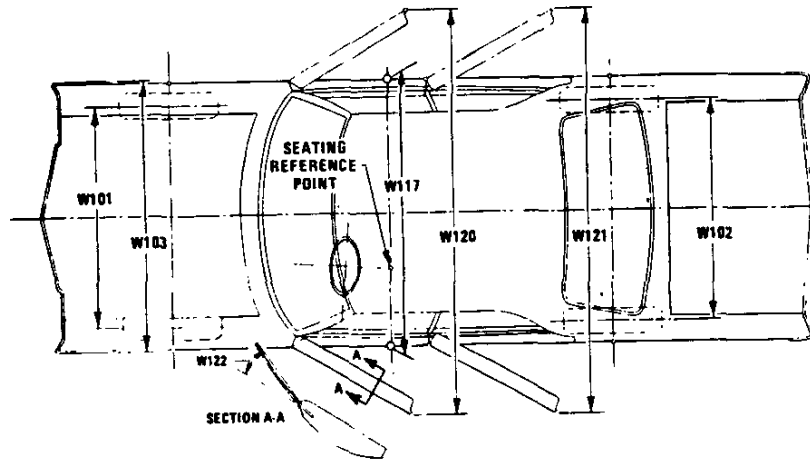
Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	642 (25.3)	640 (25.2)	642 (25.3)	640 (25.2)
		Lowest	--			
	Taillamp (H128)	Highest	676 (26.6)			
		Lowest	--			
	Sidemarker	Front	516 (20.4)			
		Rear	676 (26.6)			
Distance from C/L of car to center of bulb	Headlamp	Inside				
		Outside**				
	Taillamp	Inside				
		Outside				
	Directional	Front				
		Rear				
Headlamp shape		Rectangular				

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

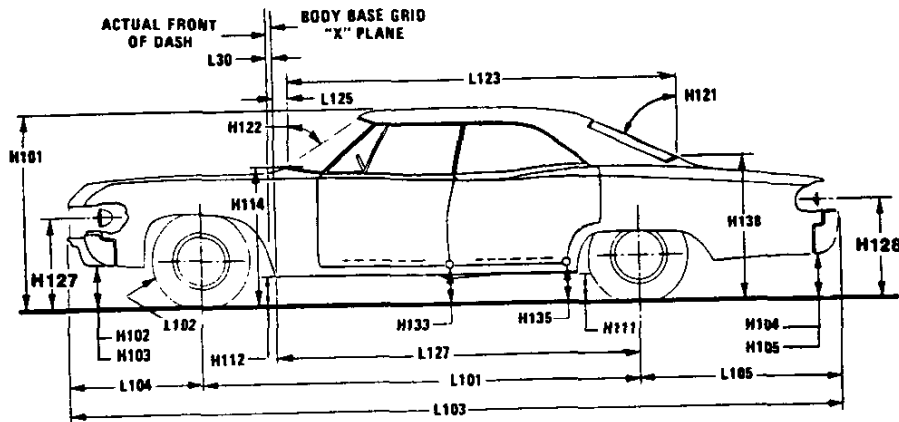
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

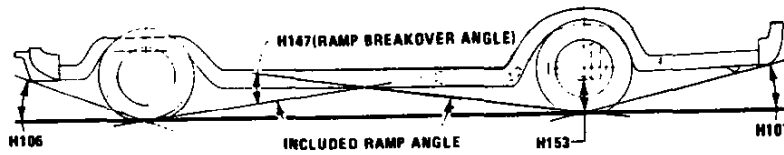
Exterior Width



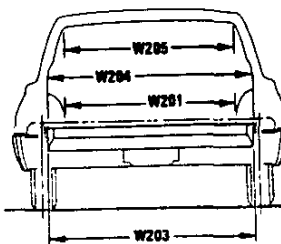
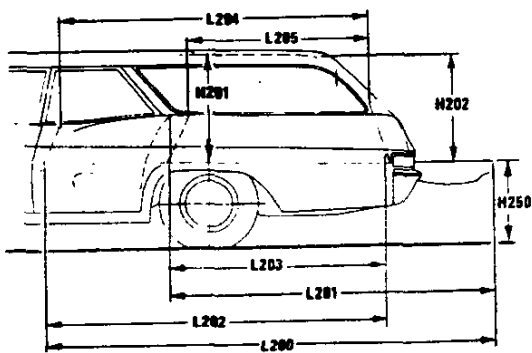
Exterior Length & Height



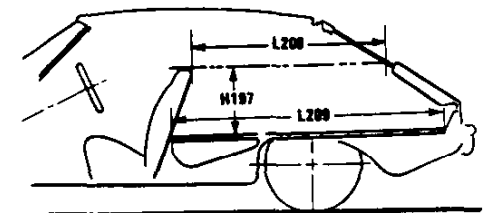
Exterior Ground Clearance



Cargo Space



Station Wagon

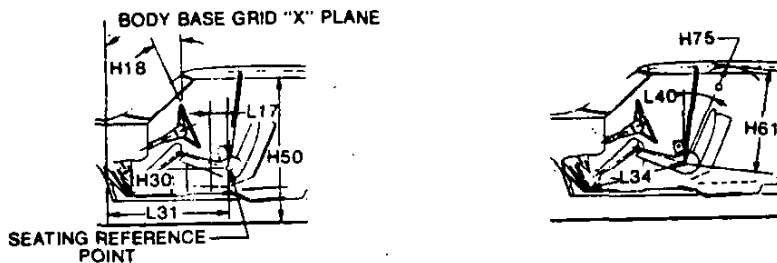


Hatchback

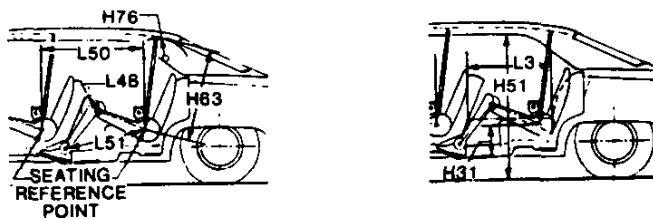
MVMA Specifications Form Passenger Car METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

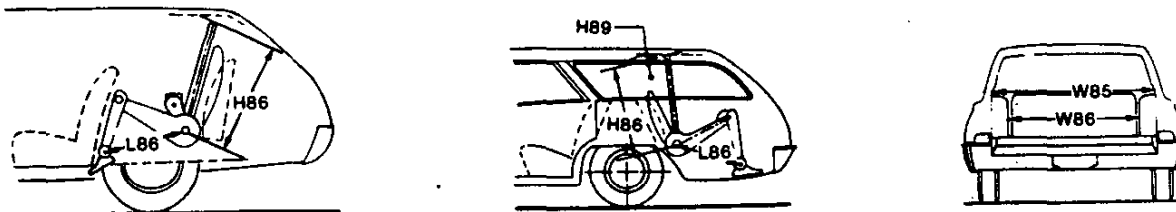
Front Compartment



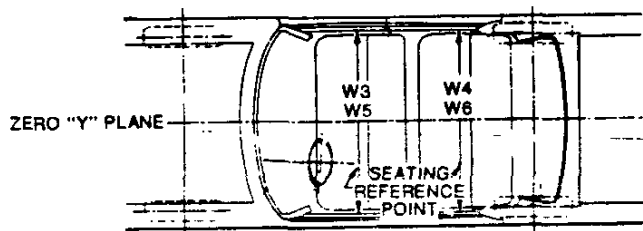
Rear Compartment



Third Seat



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 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 18.0 in. (457 mm) long, drawn from the lower DLO to the intersecting point on the windshield.
- H127 HEADLAMP TO GROUND—CURB WEIGHT. The dimension measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND—CURB WEIGHT. 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.

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

Dimensions Definitions

- H103 FRONT BUMPER TO GROUND—CURB WEIGHT. 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 WEIGHT. 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 and 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 and 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 4.0 in. (102 mm).
- H75 EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 30 in. (762 mm).
- L34 MAXIMUM EFFECTIVE LEG ROOM—ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP—front plus 10.0 in. (254 mm) 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 10.0 in. (254 mm) 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 1.0 in. (25 mm) below and 3.0 (76 mm) above the SgRP—front and 3.0 (76 mm) fore and aft of the SgRP—front.
- H150 UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.

- H18 STEERING WHEEL ANGLE. The angle 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 COUPLE 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 4.0 in. (102 mm).
- 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 10.0 in. (254 mm).
- 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 2.0 in. (51 mm).
- 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 10.0-16.0 in. (254-406 mm) 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 13.0 in. (330 mm) 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 10.0 in. (254 mm).
- 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 0. in. (102 mm).
- H89 EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

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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 WEIGHT). 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:

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

 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.

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:

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

 Measured in mm:

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

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