





MOTOR VEHICLE Specifications

METRIC (U.S. Customary)

Passenger Car

1984

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line CHEVETTE	
Mailing Address CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MI 48090	Issued SEPTEMBER, 1983	Revised

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

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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.

MVMA Specifications Form Passenger Car

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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 Models

Model Description FWD/RWD	Introduction Date	Make, Car Line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load—Kilograms (Pounds)
			Front	Rear	
Rear Wheel Drive					
<u>Chevette</u>		1TJ08	Front	Rear	
2-Door Hatchback			2	2	45.4 (100.1)
Coupe					
4-Door Hatchback		1TJ68	2	2	45.4 (100.1)
Sedan					
<u>Chevette "CS"</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 Teams (Indicate whether standard or optional)

SAE J1349 Net bhp (brake horsepower) and net torque connected to 77° F/25° C and 29.61 in. Hg/100 Kpa atmospheric pressure.

SERIES AVAILABILITY	ENGINE					E x h a u s t S/D	TRANSMISSION TRANSAXLE	AXLE RATIO (std. first) BASE - OPT	
	Displ. Liters (in ³)	Carb. (Barrels, FI, etc.)	Compr Ratio	SAE Net at RPM					
				kW (bhp)	Torque N - m (lb. ft.)				
Base - 49 States 1TJ08 & 68 1TB08 & 68	L-4 1.6 Liter (98 CID) L17	2	9.0:1	49	109	S	Man 4- Speed - Base (3.75:1 low)	3.36:1 3.62:1@	
				@ 5200	@ 3200			Man 5-Speed Avail*(3.76:1) exc. 1TB68	3.36:1 --
								Auto '180c' - Avail	3.36:1 3.62:1@
Calif only 1TJ08 & 68 1TB08 & 68	L-4 1.6 Liter (98 CID) L17	2	9.0:1	49	109	S	Man 4-Speed Base (3.75:1 low)	3.62:1 --	
				@ 5200	@ 3200			Auto '180c' - Avail	3.36:1 3.62:1
Available All States	L-4 1.8 Liter (111 CID) LJ5 #	F.I. Die- sel	22.0:1	38	98	S	Man 5-Speed Base (3.79:1 low)	3.36:1 --	
				@ 5000	@ 2000			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. % - Not available in California									

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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 (111 CID) Fuel Injection (Diesel) RPO LJ5
--	---

ENGINE - GENERAL

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, sonic, donc, ohv, hemi, wedge, pre-camber, etc.)	OHC, In line Front Longitudinal	
No of cylinders	4	
Bore	82 (3.23)	84 (3.31)
Stroke	75.7 (2.98)	82 (3.23)
Bore spacing (c/l to c/l)	93.0 (3.66)	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, swirl port	--
Cylinder head volume (cm ³)	Not Applicable	
Head gasket thickness (compressed)	.95 (.037)	1.40 (0.055)
Minimum combustion chamber total volume (cm ³)	Not Available	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, diesel)	Unleaded	Diesel #2
Fuel antiknock index (R + M) 2	87	--
Total dressed engine mass (wt) dry**	144.1 (317.7)	172 (379.3)

Engine - Pistons

Material & mass, g (weight, oz.) piston	Cast aluminum alloy 400 (14.17)	540 (19.05)
---	------------------------------------	-------------

Engine - Camshaft

Location	In cylinder head	
Material (kg, weight lbs)	Cast alloy iron 2.946 (6.49)	2.100 (4.63)
Drive type	Chain/belt	Belt
	Width/pitch	19 (0.748)/9.5 (0.374)

* 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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Engine - Valve System

Lifters (std., opt., n.a.)	Hydraulic	Hydraulic valve lash adjusters	Mechanical valve lash adjusters
	Solid	--	

Engine - Connecting Rods

Material & mass (kg., weight, lbs.)	.663 (1.46) @ Forged steel 1141	.730 (1.609) Forged steel
-------------------------------------	------------------------------------	------------------------------

Engine - Crankshaft

Material	Nodular cast iron	Forged steel, softnitrided
Mass (kg., weight, lbs.)	12.474 (27.50)	14.500 (32.00)
End thrust taken by bearing (no.)	5	3

Engine - Lubrication System

Normal oil pressure (kPa (psi) at engine rpm)	345-450 (50-65) @ 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)

Engine - Diesel Information

Glow plug, current drain at 0°F		(*)
Injector nozzle	Type	Pintle
	Opening pressure (kPa (psi))	Not 11760 (1707)
Pre-chamber design	Applicable	Ricardo Comet V
Fuel injection pump	Manufacturer	Diesel Kiki
	Type	Bosch VE
Supplementary vacuum source (type)		Generator Driven
Fuel heater (yes/no)		Yes, integral part of fuel filter
Water separator, description (std., opt.)		Intergal part of fuel filter w/ man. operated water release pump
Turbo manufacturer		--
Oil cooler		None
Oil filter		--

(*) 180 amps decreasing to 50 amps as glow plugs heat up.
 @ Includes rod, cap, bolts and nuts.

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Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard			
Coolant fill location (rad., bottle)		Bottle, coolant recovery			
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, forged aluminum body			
	GPM 1000 pump rpm	6.3 @ 1000 Pump RPM			
	Number of pumps	One			
	Drive (V-belt, other)	V-belt			
Bearing (type)		Ball/Rollers			
By-pass recirculation (type (inter., ext.))		Internal		External	
Radiator core (type (cross-flow vertical cellular tube and fin, other) and material)		Cross flow, copper-brass, high efficiency radiator			
Cooling system capacity	With heater—L(qt.)	8.51(9)Auto, 8.55(9.04)Man		8.46(8.94)Auto, 8.55(9.04) Man	
	With air cond.—L(qt.)	8.67(9.16)Auto, 8.76(9.26)Man		--	
	Opt. equipment (specify—L(qt.))	8.67(9.16)Auto, 8.76(9.26)Man		H.D. Rad. --	
Water jackets full length of cyl. (yes, no)		Yes			
Water all around cylinder (yes, no)		Yes			
Radiator core	Std., A/C, HD	Std.	A/C or H.D.	A/C & H.D.	Std.
	Width (mm)	304.8	426.7	426.7	430.0
	Height (mm)	375.2	375.2	375.2	387.5
	Thickness (mm)	31.5	31.5	31.5	40.2
	Fins per inch @	4.1	4.6	3.6	3.5
Fan	Std. elec. opt.	Std.		Opt.	Std.
	Number of blades & type (flex, solid, material)	4-Plastic Solid		7-Plastic Solid	7-Plastic Solid
	Diameter & projected width	330.0x55.0		360.0x59.5	390.0x59.2
	Ratio (fan to crankshaft rev.)	1.074:1		1.074:1	
	Fan cutout type	None		Clutch	Clutch
	Drive [type (direct, remote)]	Direct, belt		Direct, belt	Direct belt
	RPM at idle (elec.)	--		--	--
	Motor rating (wattage) (elec.)	--		--	--
	Motor switch (type & location) (elec.)	--		--	--
	Switch point (temp., pressure) (elec.)	--		--	--
	Fan shroud (material)	None		Plastic	Plastic

@ - Distance between top of fins (mm).

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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	
Carburetor	Mfgr.	Holley	--	
	Choke (type)	Electric	None	
	Idle spd -rpm (spec neutral or drive and propane if used)	Manual	800 (Neutral)	700(Neutral)Fed.,625(Neutral)Calif.
		Automatic	700 (Drive)	725 (Neutral)
Idle A/F mix.		Preset - no adjustment provided		
Fuel injection	Point of injection (no.)	--	Head, 4	
	Constant, pulse, flow	--	Pulse	
	Control (electronic, mech.)	--	Mechanical	
	System pressure (kPa (psi))		Not Available	
Intake manifold heat control (exhaust or water) thermostatic or fixed		Exhaust	None	
Air cleaner type	Standard	Replaceable paper element	Remote paper element	
	Optional	None		
Fuel pump	Type (elec. or mech.)	Mechanical		
	Location (eng. tank)	Lower - LF of engine	Integral w/injection pump on eng.	
	Pressure range (kPa (psi))	34-45- (5.0 - 6.5)	--	

Fuel Tank

Capacity (refill L (gallons))		47.3 (12.5) approximately
Location (describe)		Underside - rear center
Attachment		Underbody strap
Material		Steel
Filler pipe	Location & material	Left rear quarter panel
	Connection to tank	Solid solder
Fuel line (material)		Steel
Fuel hose (material)		Rubber
Return line (material)		Steel
Vapor line (material)		Steel
Extended range tank	Opt. n a	Not Available
	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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	2-Bbl. Carburetor RPO L17	Fuel Injection (Diesel) RPO LJ5

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modifications, other)		Computer Command Control with air injection	None	
	Air Injection	Pump or pulse	Vane		
		Driven by	V-Belt		
		Air distribution (head, manifold, etc.)	Exh.manifold, air cleaner & Converter, CCC Controlled		
		Point of entry	Exh. man. ports		
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)		Controlled flow	None
		Exhaust source		Manifold	
		Point of exhaust injection (spacer, carburetor, manifold, other)		Inlet Manifold	
	Catalytic Converter	Type		Dual Bed, Ox. & Red.	None
		Number of		One	
Location(s)		Beneath RF Underbody			
Volume [L (in ³)]		2.782 (170)			
Crankcase Emission Control	Substrate type		Monolith		
	Type (ventilates to atmosphere, induction system other)		Induction System		
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum	None	
	Discharges (to intake manifold, other)		Inlet Manifold		
Evaporative Emission Control	Air inlet (breather cap, other)		Carburetor Air Cleaner		
	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister		
		Carburetor	Canister		
Vapor storage provision		Canister			
Electronic system	Closed loop (yes/no)		Yes		
	Open loop (yes/no)		No		

Engine - Exhaust System

Type (single, single with cross-over, dual, other)		Single	
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, Reverse flow	Not Available
Resonator no. & type		Not Available	One, straight thru
Exhaust pipe	Branch o.d., wall thickness	--	
	Main o.d., wall thickness	44.45x.81 (1.75x.032)	50.8x1.83 (2.0x.072)
	Material	(1)	Aluminum coated steel
Inter-mediate pipe	o.d. & wall thickness	50.8x1.83 (2.0x.072)	
	Material	Aluminum coated steel	
Tail pipe	o.d. & wall thickness	44.45x1.83 (1.75x.072)	
	Material	Aluminum coated steel	

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

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Transmissions/Transaxle

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 transmission	
Automatic (std., opt., n.a.)	Optional (with converter clutch)	
Automatic overdrive (std., opt., n.a.)	Not available	

Manual Transmission/Transaxle

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	1.00	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 (pt)]	1.6 (3.4)	2.132L (4.5)	1.55 (3.3)	
	Type recommended	GL-5	Automatic	Engine Oil	
	SAE viscosity number	Summer	80W or 80W-90	Transmission	SAE 5W-30SF
		Winter	80W or 80W-90	Fluid	SAE 5W-30SF
		Extreme cold	80W or 80W-90		SAE 5W-30SF

Clutch (Manual Transmission)

Make & type		(1) Borg & Beck, Dry Single Plate	Daikin, Dry Single Plate
Type pressure plate springs		Diaphragm	Diaphragm
Total spring load [N (lb)]		4182 (940) (2)	3234 (727)
No. of clutch driven discs		One	
Clutch facing	Material	Molded Type Asbestos	Special Woven N13
	Manufacturer	Borg & Beck (3)	Hitachi Kasel
	Part number	14032337 (4-Spd) (4)	94241951
	Rivets/plate	16 (5)	
	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	

- (1) Luk Inc., dry single plate for 5-spd.
 (2) 5512 (1240) for 5-spd..
 (3) Luk Inc., for 5-spd.

- (4) - 14061690 for 5-spd.
 (5) - 18 for 5-spd.

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Automatic Transmission/Transaxle

Trade name		3-Speed Automatic	
Type and special features (describe)		Torque converter with converter clutch	
Selector	Location	'180c' Floor mounted	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	Not Available	Not Available
Max upshift speed - drive range (km/h (mph))		1-2=61 (38), 2-3=101 (63)	1-2=86 (53.5), 2-3=133 (82.8)
Max kickdown speed - drive range (km/h (mph))		3-2=87 (54), 2-1=55 (34)	3-2=126 (78), 2-1=66 (41)
Min overdrive speed (km/h (mph))		Not Available	Not Applicable
Torque converter	Number of elements	3	
	Max ratio at stall	Not Available	
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	245 (9.65)	
Lubricant	Capacity (refill L (pt))	2.30	
	Type recommended	Dexron II	
Oil cooler (std., opt., NA, internal, external, air, liquid)		Standard Integral with radiator.	

* - Converter Clutch Engagement

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 top gear 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 Applicable	
	Final drive ratio	"	

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

Propeller Shaft – Conventional Drive

Type (straight tube, tube-in-tube,
 internal-external damper, etc.)

(a) (b)

Outer diam x length* x wall thickness	Manual 3-speed trans.	Not Available			
	Manual 4-speed trans.	50.8x586.0x1.40	50.8x732.0x1.40* 50.8x586.0x1.40#	50.8x662.2x1.40	50.8x808.2x1.40
	Manual 5-speed trans.	50.8x535.2x1.40 (with L17) 50.8x586.0x1.40 (with LJ5)		50.8x611.4x1.40 (with L17) 50.8x662.2x1.40 (with LJ5)	
	Overdrive	Not available			
	Automatic transmission	50.8 x 586.0 x 1.40 (2.0 x 23.1 x .055)		50.8 x 662.2 x 1.40	
Inter-mediate bearing	Type (plain, anti-friction)	Anti-Friction			
	Lubrication (fitting, prepack)	Prepacked			
Slip yoke	Type	Splined			
	Number of teeth	27			
	Spline o.d.	28 (1.12)			
Universal joints	Make and mfg. no.	Front	Saginaw 23		
		Rear	Saginaw 23		
	Number used	Two			
	Type (ball and trunnion, cross)	Cross			
	Rear attach (u-bolt, clamp, etc.)	Strap & bolt			
Bearing	Type (plain, anti-friction)	Anti-Friction			
	Lubric. (fitting, prepack)	Prepacked			
Drive taken through (torque tube, arms or springs)		Control Arms			
Torque taken through (torque tube, arms or 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 engines.

* Without A/C

With A/C

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Body Type And/Or Engine Displacement	2-Door Hatchback Coupes		4-Door Hatchback Sedans	
	1TB08	1TJ08	1TB68	1TJ68

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 accel. squat control		Rear Suspension Geometry
Special provisions for car jacking		Bumper Slots in Bottom of Front & Rear Bumper Face Bars
Shock absorber (front & rear)	Type	Direct, Double Acting, Hydraulic
	Make	Delco
	Piston diameter	25 (1.0)
	Rod diameter	13.49 (0.53)

Suspension – Front

Type and description		Independent SLA
Travel	Full jounce	87.7 mm (3.4 in)
	Full rebound	91.4 mm (3.6 in)
Spring	Type (coil, leaf, other)	Coil
	Material	Steel Alloy
	Size (coil design height & i.d., bar length x 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.)]	28.0/59.5 (160.0/339.0)
	Rate at wheel [N/mm (lb./in.)]	13.05 (74.0)
Stabilizer	Type (link, linkless, frameless)	Link
	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	86.0 mm (3.4 in)
	Full rebound	136.0 mm (5.3 in)
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.)]	27.1/31.1 (155.0/178.0)
	Rate at wheel [N/mm (lb./in.)]	20.5 (117.0)
	Mounting insulation (type)	Not Available
If leaf	No. of leaves	Not Applicable
	Shackle (comp. or tens.)	"
Stabilizer	Type (link, linkless, frameless)	None
	Material & bar diameter	"
Track bar (type)		Tubular, with Rubber Bushings

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type And/Or
 Engine Displacement

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

Brakes - Service

Description			Single caliper disc front, duo-servo drum rear		
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		
Power brake (std., opt., n.a.)			Optional		
Booster type (remote, integral, vac., hyd., etc.)			Integral		
Vacuum source (inline, pump, etc.)			Inline (Intake manifold)		
Vacuum reservoir (volume in. ³)			None		
Vacuum pump-type (elec., gear driven, belt driven, if other so state)			None		
Anti-skid device type (std., opt., n.a.) (F/R)			Not available		
Effective area [cm ² (in. ²)]*			514.9 (79.83)		
Gross lining area [cm ² (in. ²)]** (F/R)			Not Available		
Swept area [cm ² (in. ²)]*** (F/R)			1804.5 (279.77)		
Rotor	Outer working diameter	F/R	246 (9.68) / --		
	Inner working diameter	F/R	143.8 (5.66) / --		
	Thickness	F/R	11 (.433) / --		
	Material & type (vented/solid)	F/R	Cast Iron, Solid / --		
Drum	Diameter (nominal)	F/R	-- / 200 (7.87)		
	Type and material	F/R	Duo-Servo; Cast Iron		
Wheel cylinder bore			52 (2.05) / 17.5 (0.69)		
Master cylinder	Bore/stroke	F/R	22 (0.87) / 33 (1.30)		
Pedal arc ratio			6.5:1 Manual; 4.75:1 Power		
Line pressure at 445 N (100 lb.) pedal load [kPa (psi)]			Not Available		
Lining clearance per shoe		F/R	Self Adjusting/Self Adjusting		
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Bonded	
		Rivet size		Not Available	
		Manufacturer		Delco Moraine	
		Lining code		Not Available	
		Material		Semi - Metallic	
		****	Primary or out-board	117 x 54.7 x 10.9 (.6 x 2.15 x .43)	
		Size	Secondary or in-board	123 x 48.8 x 11.4 (4.8 x 1.92 x .45)	
	Shoe thickness (no lining)		Not Available		
	Rear wheel	Bonded or riveted (rivets/seg.)		Riveted	
		Manufacturer		Delco Moraine	
		Lining code		Not Available	
		Material		Organic	
		****	Primary or out-board	167.7 x 43.9 x 3.8 (6.6 x 1.73 x 0.15)	
		Size	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.

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Car Line CHEVETTE
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Body Type And/Or
 Engine Displacement

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

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))	205 (30)
		Rear (kPa (psi))	205 (30)
Rev./mile—at 70 km/h (45 mph)		570	
Wheels	Type & material		Short Yoke Disc, Steel
	Rim (size & flange type)		13 x 5
	Wheel offset		37 mm
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	100 mm
Number & size		4 hex nuts - M12 x 1.5	
Spare	Tire and wheel (same, if other describe)		14 x 4 (49 mm); compact tire - T115/70D-14
	Storage position & location (describe)		Flat under rear load floor

Tires And Wheels (Optional)

Size (load range, ply)		P175/70R-13 (BW, WW)
Type (bias, radial, etc.)		Steel belted radial
Wheel (type & material)		Short yoke disc, steel
Rim (size, flange type and offset)		13 x 5
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Size (load range, ply)		
Type (bias, radial, etc.)		
Wheel (type & material)		
Rim (size, flange type and offset)		
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)		

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)	--

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type And/Or Engine Displacement	2-Door Hatchback Coupes		4-Door Hatchback Sedans	
	1TB08	1TJ08	1TB68	1TJ68

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)	
Scrub Radius			Not Available	
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	Type (coaxial, linkage, etc.)		Not Available	
	Make		Saginaw Steering Gear	
	Gear	Type	Rack & Pinion with Integral Power Unit	
		Ratios	Gear	Not Available
		Overall	18.0:1	
Pump (drive)		'V' Belt Off Crankshaft Pulley		
No. wheel turns (stop to stop)			Not Available	
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	Inclination at camber (deg.)		7.55	
	Bearings (type)	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	

(a) With gas engine, automatic transmission must be ordered.

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type And/Or Engine Displacement	2-Door Hatchback Coupes		4-Door Hatchback Sedans	
	1TB08	1TJ08	1TB68	1TJ68

Wheel Alignment

Front wheel 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° (-.5 mm to +3.5 mm)
	Service reset*	Caster	+5.0° +/- 1°
		Camber	+2.0° +/- .4°
		Toe-in	+0.06° +/- .04° (+1.5 +/- 1.00 mm)
	Periodic MV in-spection	Caster	+3.0° to +7.0°
		Camber	-1.25° to +1.75°
		Toe-in	-.02° to +.14° (-.5 mm to +3.5 mm)
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	Not Applicable
		Toe-in [outside track-mm (in.)]	" "
	Service reset*	Camber	" "
		Toe-in	" "
	Periodic MV in-spection	Camber	" "
		Toe-in	" "

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

Electrical – Instruments and Equipment

Speed-ometer	Type	Circular Dial with Pointer
	Trip odometer (std., opt., n.a.)	Not Available
EGR maintenance indicator		" "
Charge indicator	Type	Tell-Tale Warning Light
	Warning device	" " " "
Temperature indicator	Type	Tell-Tale Warning Light
	Warning device	" " " "
Oil pressure indicator	Type	Tell-Tale Warning Light
	Warning device	" " " "
Fuel indicator	Type	Electric Gauge with Pointer
	Warning device	" " " "e
Wind-shield wiper	Type (standard)	Electric 2-Speed
	Type (optional)	Not Available
	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)	Not Available
	Fluid level indicator	" "
Horn	Type	Electric Vibrator
	Number used	One
Other		Parking Brake warning light and brake failure warning light, restraint system warning light and buzzer.

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Car Line CHEVETTE
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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 (111 CID) Fuel Injection (Diesel) RPO LJ5
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Electrical – Supply System

Battery	Make	Delco	
	Model, std., (opt.)	70-310 Std. (man. trans.)*	78-550
	Voltage	12 Volt	
	Amps at 0°F cold crank	310 std. (man. trans.)@	550
	Minutes-reserve capacity	60 min(man), 70 min(Auto)+	115 minutes
	Amp/hrs. - 20 hr. rate	--	
Generator or alternator	Location	Engine compartment, R.F.	Engine compartment L.F.
	Type and rating	42 amps	50 amps
	Ratio (alt. crank/rev.)	2.1	1.75
Regulator	Optional (type & rating)	None	
	Type	Micro circuit; internal	Integrated circuit

Electrical – Starting System

Start, motor	Current drain at 0°F -20°F	235 Manual, 270 automatic	440
Motor drive	Engagement type	Positive shift solenoid	
	Pinion engages from (front, rear)	Rear	

Electrical – Ignition System

Type	Conventional (std., opt., n.a.)	Not available	
	Electronic (std., opt., n.a.)	" "	
	Other (specify)	High Energy Ignition (HEI)	
Coil	Make	Delco Remy	Not
	Model	1115454	
	Current	Engine stopped – A	0
		Engine idling – A	5.5 Max
Spark plug	Make	AC	
	Model	R42CTS	
	Thread (mm)	M14x1.25	
	Tightening torque (N-m (lb., ft.))	9-20 (7-15)	
	Gap	0.889 (.035)	
Distributor	Make	Delco Remy	
	Model	1103504	

Electrical – Suppression

Locations & type	Internal alternator capacitor, non-metallic high-tension ignition 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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- 70-355 Std. (Auto. Trans.) + - 90 min. Opt.
- 71-390 Opt.
- 355 Std. (Auto. Trans.), 390 Opt.

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) _____

Body Type

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

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic Lacquer		
Hood	Hinge location (front, rear)	Rear		
	Type (counterbalance, prop)	Prop Rod		
	Release control (internal, external)	Internal		
Trunk lid	Type (counterbalance, other)	Not Applicable		
	Internal release control (elec., mech., n.a.)	Not Applicable		
Hatch back lid	Type (counterbalance, other)	Telescoping gas strut - left side		
	Internal release control (elec., mech., n.a.)	Not Available		
Bumper front	Bar material & mass (wt.)	Steel 9.365 (20.6)		
	Reinforcement material & mass (wt.)	Steel 2.835 (6.2)		
Bumper rear	Bar material & mass (wt.)	Steel 8.487 (18.7)		
	Reinforcement material & mass (wt.)	None		
Vent window control (crank, friction, pivot, power)	Front	None		
	Rear	Friction Pivot	None	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		
Vehicle ident. no location		Top left hand of instrument panel pad		

Frame

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

Unitized frame with crossmember reinforcement

Glass

Backlight slope angle (deg)	H121	62.5°	
Windshield slope angle (deg.)	H122	52.8°	
Tumble-Home (deg)	W122	20.5°	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	

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) 9-83

Body Type	SAE Ref. No.	2-Door Hatchback Coupes		4-Door Hatchback Sedans	
		1TB08	1TJ08	1TB68	1TJ68

Restraint System

Active restraint system	Standard/optional	Standard
	Type and description	3 point shoulder and lap belt for driver and front passenger. Lap belt for all other positions.
	Location	Front - (2); Rear - (2)
Passive seat belts	Standard/optional	Not Available
	Power/manual	"
	2 or 3 point	"
	Knee bar/lap belt	"

MVMA Specifications Form

Passenger Car

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*)

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 HATCHBACK COUPES	4-DOOR HATCHBACK SEDANS
		1TB08	1TB68
		1TJ08	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 (95.5)	
Cowl point "X" coordinate	L125	306 (12.0)	

Height **

Passenger distribution (frt./rear)	PD1.2.3	**			
Trunk/cargo load		**			
Vehicle height	H101	1342 (52.8)	1342 (52.8)	1342 (52.8)	1341 (52.8)
Cowl point to ground	H114	894 (35.2)	892 (35.1)	893 (35.1)	891 (35.1)
Deck point to ground	H138				
Rocker panel-front to ground	H112	206 (8.1)	204 (8.0)	205 (8.1)	203 (8.0)
Bottom of door closed-front to grd.	H133	270 (10.6)	270 (10.6)	269 (10.6)	269 (10.6)
Rocker panel-rear to ground	H111	203 (8.0)			
Bottom of door closed-rear to grd.	H135	--			

Ground Clearance **

Front bumper to ground	H102	325 (12.8)	322 (12.7)	323 (12.7)	321 (12.6)
Rear bumper to ground	H104	331 (13.0)	332 (13.1)	332 (13.1)	332 (13.1)
Bumper to ground (front at curb mass (wt))	H103	356 (14.0)			
Bumper to ground (rear at curb mass (wt))	H105	348 (13.7)			
Angle of approach	H106	18.1°	17.9°	18.0°	17.8°
Angle of departure	H107	21.4°	21.4°	21.5°	21.5°
Ramp breakover angle	H147	18.0°	17.9°	17.4°	17.3°
Rear axle differential to ground	H153	156 (6.1)			
Min. running ground clearance	H156	147 (5.8)	148 (5.8)	148 (5.8)	147 (5.8)
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 1984 Issued 7-83 Revised (*)

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

Front Compartment

Sg RP front. "X" coordinate	L31	1118 (44.0)			
Effective head room	H61	959 (37.8)	965 (38.0)	962 (37.9)	
Max. eff leg room (accelerator)	L34	1058 (41.7)			
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°			
Back angle	L40	26.5°			

Rear Compartment

Sg RP Point couple distance	L50	678 (26.7)		754 (29.7)	
Effective head room	H63	942 (37.1)	948 (37.3)	937 (36.9)	
Min. effective leg room	L51	777 (30.6)		844 (33.2)	
Sg RP (second to heel)	H31	268 (10.6)			
Knee clearance	L48	-69 (-2.7)		4 (0.2)	-1.0 (0)
Compartment room	L3	584 (23.0)		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	754 (29.7)		758 (29.9)	

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 Forward And _____ mm Upward 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 1984 Issued 7-83 Revised (*) 9-83

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

Station Wagon -- Third Seat

Shoulder room	W85	
Hip room	W86	NOT
Effective leg room	L86	APPLICABLE
Effective head room	H86	
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	490 (19.3)	
Cargo length at front seat back height	L208	1024 (40.3)	1102 (43.4)
Cargo length at floor (front)	L209	1471 (57.9)	1547 (60.9)
Cargo volume index [m ³ (ft. ³)]	V3	767 (27.1)	780 (27.5) 815 (28.8) 835 (29.5)
Hidden cargo volume [m ³ (ft. ³)]	V4	--	

Aerodynamics*

Wheel lip to ground, front	Not Available
Wheel lip to ground, rear	"
Frontal area	"

* Describe measurement method.

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 - 2-Door Hatchback, cargo volume index - second seat-up, 1TB08-264 (9.3), 1TJ08-269 (9.5).
- 4-Door Hatchback, cargo volume index - second seat-up, 1TB68-263 (9.3), 1TJ68-281 (9.9).

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) _____

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Body Type	2-DOOR HATCHBACK COUPES	4-DOOR HATCHBACK SEDANS
	1TB08 1TJ08	1TB68 1TJ68

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 264 (10.4)
Rear	W22 195 (7.7)
	L55 3950 (155.5) 4026 (158.5)
	H82 378 (14.9)
	H162 423 (16.7)
	** H164 406 (16.0)

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

** EPA Loaded Vehicle Weight, Loading Conditions

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) _____

Body Type

SAE Ref. No.	2-DOOR HATCHBACK COUPES 1TB08	1TJ08	4-DOOR HATCHBACK SEDANS 1TB68	1TJ68
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Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	667.0 (26.3)
		Lowest	--
	Taillamp (H128)	Highest**	695.0 (27.4)
		Lowest	--
	Sidemarker	Front	613.7 (24.2)
		Rear	695.0 (27.4)
Distance from C/L of car to center of bulb	Headlamp	Inside	--
		Outside**	562.0 (22.1)
	Taillamp	Inside	--
		Outside**	621.5 (24.5)
	Directional	Front	520.0 (20.5)
		Rear	621.5 (24.5)
Headlamp shape			Rectangular

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

MVMA Specifications Form
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Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*) _____

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg. (weight, lb.)			
	Front	Rear	Total	
Front & Rear Floor Mats (colored-keyed) RPO-B37	2.2 (4.8)	1.6 (3.5)	3.8 (8.3)	All models
Custom Exterior RPO-B57	.4 (0.9)	.2 (0.4)	.6 (1.3)	1TB08, 1TB68 only - Not Available, with Z13
Body Side Moldings (Black, adhesive attached) RPO-884	.4 (0.9)	.6 (1.3)	1.0 (2.2)	1TJ08 & 68, Standard 1TB08 & 68
Electric Rear Window Defogger (Includes 66 amp Alternator RPO-K81 without RPO-C60, 78 amp alternator RPO-K64 with RPO-C60) RPO-C49	0 (0)	.8 (1.8)	.8 (1.8)	All models
Air Conditioning (Includes 78 amp. alternator RPO-K64 and hood panel insulator) RPO-C60	27.0 (59.5)	0 (0)	27.0 (59.5)	With L17 & Automatic Transmission
Dual Sport Rear View Mirrors. Remote LH, manual convex RH body color except black w/Z13. RPO-D35	.8 (1.8)	.4 (0.9)	1.2 (2.7)	1TB08 & 68 only
Remote Sport Rear View Mirror LH - Body color except black w/Z13. RPO-D69	.4 (0.9)	0 (0)	.4 (0.9)	1TB08 & 68 only
Rear Spoiler - Black RPO-D80	-.2 (-0.4)	2.0 (4.4)	1.8 (4.0)	Available with RPO-Z13 only
Power Brakes (Variable ratio brake pedal) RPO-J50	2.4 (5.3)	.4 (0.9)	2.8 (6.2)	All models, required option with diesel engine equipment RPO-Z90.

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

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

Car Line CHEVETTE
 Model Year 1984 Issued 7-83 Revised (*)

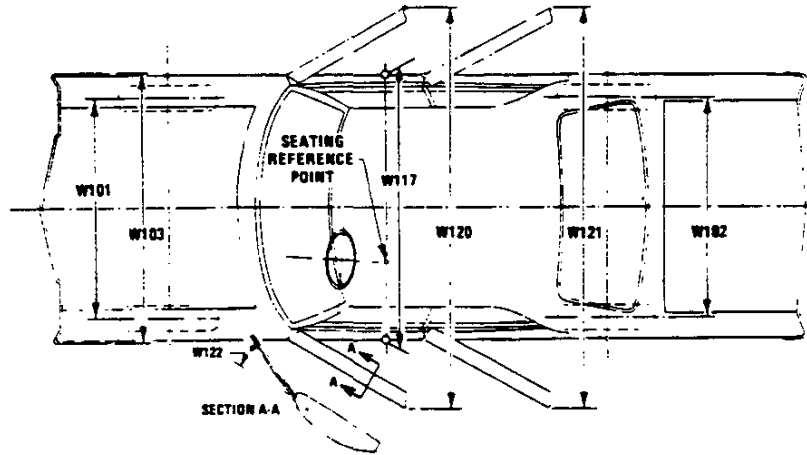
Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS. kg (weight. lb.)			
	Front	Rear	Total	
5-Speed Manual Transmission RPO-MM5	10.2 (22.5)	3.4 (7.5)	13.6 (30.9)	1TB08 with L17 engine
	11.0 (24.2)	3.6 (7.9)	14.6 (32.1)	1TJ08 with L17 engine
	10.4 (22.9)	3.4 (7.5)	13.8 (30.4)	1TB68 with L17 engine
	11.2 (24.7)	3.6 (7.9)	14.8 (32.6)	1TJ68 with L17 engine
	4.0 (8.8)	.4 (0.9)	4.4 (9.7)	With RPO LJ5 diesel engine
3-Speed Automatic Transmission RPO-MX1	19.0 (41.9)	6.4 (14.1)	25.4 (56.0)	1TJ00 with L17 engine
	17.2 (37.9)	5.8 (12.8)	23.0 (50.7)	1TB00 with L17 engine
	21.8 (48.0)	7.2 (15.9)	29.0 (63.9)	1TB00 with LJ5 diesel engine
Comfortilt Steering Wheel RPO-N33	1.4 (3.1)	.4 (0.9)	1.8 (4.0)	All models
Power Steering RPO-N41	9.8 (21.6)	-.8 (-1.8)	9.0 (19.8)	All models
Wheel Trim Covers RPO-PB2	.8 (1.8)	.8 (1.8)	1.6 (3.6)	All models
Wheel Trim Rings (Includes black painted wheels, except with RPO-B57) RPO-P06	.2 (0.4)	.2 (0.4)	.4 (0.9)	All, included with Z13, B57

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

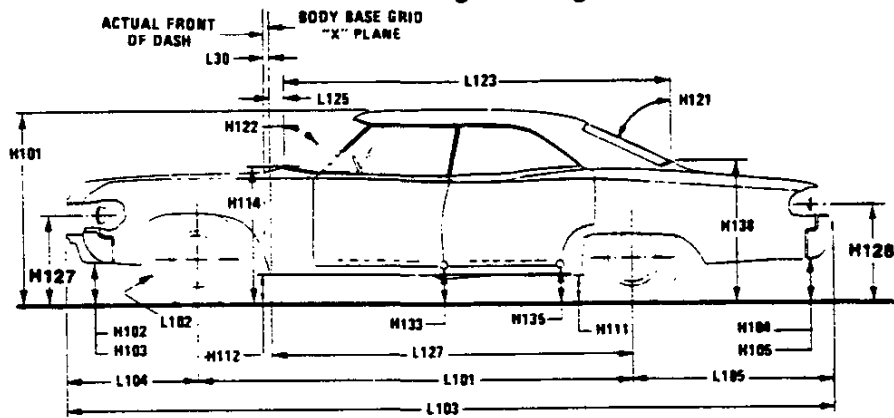
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Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

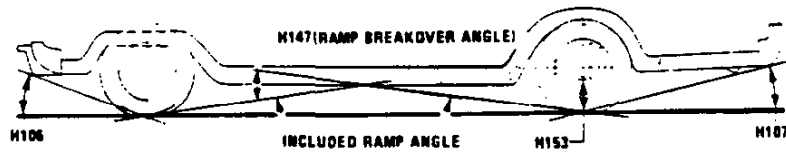
Exterior Width



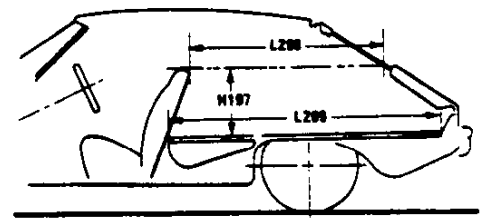
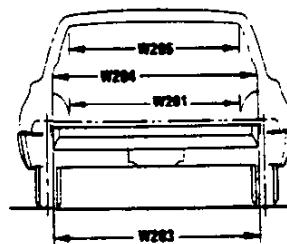
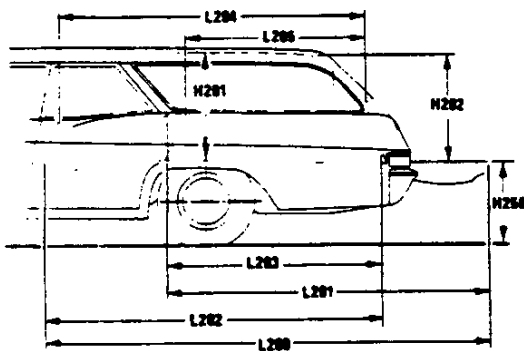
Exterior Length & Height



Exterior Ground Clearance



Cargo Space



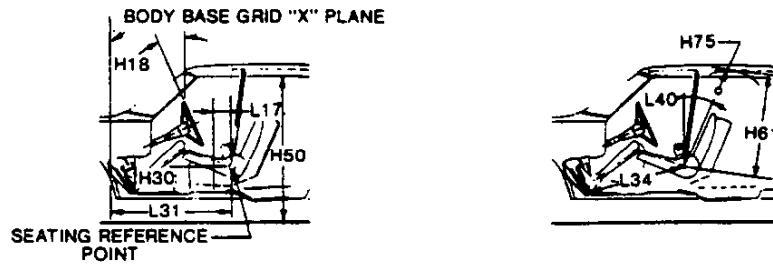
Hatchback

Station Wagon

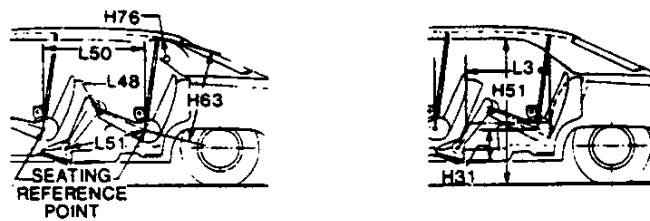
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

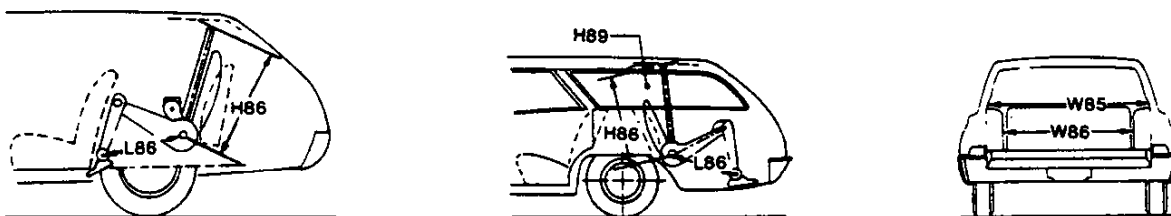
Front Compartment



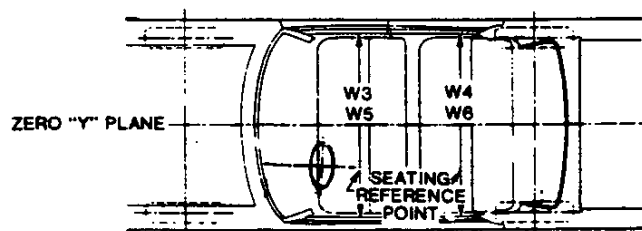
Rear Compartment



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 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.

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

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

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

Measured in mm:
$$\frac{L208 + L209}{2} \times W4 \times H197 = \text{m}^3(\text{cubic meter})$$

MVMA Specifications Form

Passenger Car

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