

MOTOR VEHICLE

Specifications

METRIC (U.S. Customary)

Passenger Car

1985

Manufacturer Chevrolet Motor Division General Motors Corporation	Car Line <p style="text-align: center;">Chevette</p>	
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Warren, MI 48090-9060	Issued July, 1984	Revised October 1984

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 Line CHEVETTE
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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)
Rear Wheel Drive					
<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 corrected to 77°F/25°C and 29.61 in. Hg/100 kPa atmospheric pressure.

SERIES AVAILABILITY	ENGINE					E x h a u s t S/D	TRANSMISSION TRANSAXLE	DRIVE RATIOS (:1) AXLE RATIO			
	Displ. Liters (in ³)	Carb. (Barrels, Fl, etc.)	Compr. Ratio	SAE Net at RPM				Overall Base Veh. Drive	Overall Opt. Veh. Drive	Overall Opt. Veh. Drive	Overall Opt. Veh. Drive
				kW (bhp)	Torque N·m (lb. ft.)						
Base - 49 States 1TB08 & 68	L-4 1.6Liter (98 CID) L17	2	9.0:1	65	80	S	Man 4-Speed Base (3.75:1 low)\$	3.36+	3.36	3.62	3.62
				@	@			3.36+	2.89	3.62	3.11
				5200	3200			Auto '180c' - Avail	3.36	3.36	3.62
Calif only 1TB08 & 68	L-4 1.6Liter (98 CID) L17	2	9.0:1	65	80	S	Man 4-Speed Base (3.75:1 low)\$	3.62	3.62	--	--
				@	@			3.62	3.11	--	--
				5200	3200			Auto '180c' - Avail	3.62	3.36	3.62
Available All States	L-4 1.8Liter Die- (111 CID) sel LJ5 #	F.I. **	22.0:1	51 @ 5000	72 @ 2000	S	Man 5-Speed Base (3.79:1 low)	3.36	2.89	--	--
# - Not available with air conditioning. ** - Fuel Injection Diesel + - Without A/C \$ - Power steering not available. † - Base with A/C, optional without A/C & - Optional ratio											

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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, sohc, dohc, 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 $\frac{(R + M)}{2}$	87	--
Total dressed engine mass (wt) dry**	144.1 (317.7)	172 (379.3)

Engine - Pistons

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

Engine - Camshaft

Location	In cylinder head	
Material & mass 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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1.6 Liter L4 (98 CID) 2-Bbl. Carburetor RPO L17	1.8 Liter L4 (111 CID) Fuel Injection (Diesel) RPO LJ5
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Engine - Valve System

Hydraulic lifters (std., opt., NA)	Hydraulic valve lash adjusters	Mechanical valve lash adjusters
Valves	Number intake / exhaust 4/4	
	Head O.D. intake / exhaust 3900(1.54)/3200(1.26)	3900(1.54)/3400(1.34)

Engine - Connecting Rods

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

Engine - Crankshaft

Material & mass (kg., (weight, lbs.))	Nodular cast iron/12.474(27.50)	Forged steel, soft nitrided/ 14.500(32.00)
End thrust taken by bearing (no.)	5	3
Number of main bearings	5	

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 crcase, less filter-refill-L (qt.)	3.8 (4.0)	4.7 (5.0)

Engine - Diesel Information

Diesel engine manufacturer		Isuzu
Glow plug, current drain at 0°F		(*)
Injector nozzle	Type Not	Pintle
	Opening pressure (kPa (psi)) Applicable	11760 (1707)
Pre-chamber design		Ricardo Comet V
Fuel injection pump	Manufacturer Type	Diesel Kiki Bosch VE
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		Generator Driven
Fuel heater (yes/no)		Yes, integ. part of fuel filter
Water separator, description (std., opt.)		Integ. part of fuel filter w/ man. operated water rel. pump
Turbo manufacturer		--
Oil cooler-type (oil to engine coolant; oil to ambient air)		None
Oil filter		--

Engine - Intake System

Turbo charger - manufacturer	Not Applicable
Super charger - manufacturer	"
Charge cooler	"

(*) 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			
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	Describe (type, material, no. of rows)	Cross flow, copper-brass, high efficiency radiator			
	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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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 - 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	
	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 - 1F of engine	Integral w/injection pump on eng.	
	Pressure range [kPa (psi)]	34-45- (5.0 - 6.5)	--	

Fuel Tank

Capacity (refill L (gallons))		46.2 (12.2) 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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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)	
		Substrate type		Monolith	
	Crankcase Emission Control	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			
Air inlet (breather cap, other)		Carburetor Air Cleaner			
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister		
		Carburetor	Canister		
	Vapor storage provision		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	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)	Not Available
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	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, engagement (describe)	(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 facings	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	

Luk Inc., dry single plate for 5-spd.
 5512 (1240) for 5-spd.
 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	Not Available
Type and special features (describe)	Torque converter with converter clutch	
Selector	Location	'180c'
	Ltr./No. designation	P-R-N-D-2-1
Gear ratios	R	1.92
	D	1.00*
	L ₃	1.48
	L ₂	2.40
	L ₁	Not Available
Max. upshift speed - drive range [km/h (mph)]		1-2=61 (38), 2-3=101 (63)
Max. kickdown speed - drive range [km/h (mph)]		3-2=87 (54), 2-1=55 (34)
Min. overdrive speed [km/h (mph)]		Not Available
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 / differential adjustment (shim, other)	Shims		
Pinion / differential bearing adjustment (shim, other)	Collapsible Sleeve		
Driving wheel bearing (type)	Direct Single Row Ball		
Lubricant	Capacity [L (pt.)]		
	Type recommended		
	SAE viscosity number	Summer	80W or 80W-90
		Winter	80W or 80W-90
		Extreme cold	80W or 80W-90

Axle or Transaxle Ratio and Tool 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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Engine Description/Carb.
Engine Code

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedan 1TB68
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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 mtg. 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			
	Lubrication (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 Coupe 1T808	4-Door Hatchback Sedan 1T868
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Suspension – General

Car leveling	Std./opt./n.a.	Not Available
	Type (air, hyd., etc.)	Not Available
	Manual/auto. controlled	Not Available
Provision for brake dip control		Front Suspension Geometry
Provision for accel. squat control		Rear Suspension Geometry
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	25.0 (1.0)
	Rod diameter	13.49 (0.53)

Suspension – Front

Type and description		Independent SLA
Drive and torque taken through		--
Travel	Full jounce	87.7 mm (3.4 in)
	Full rebound	91.4 mm (3.6 in)
Spring	Type (coil, leaf, other) & material	Coil, Steel Alloy
	Insulators (type & material)	
	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) & material	Coil, 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)	
	Insulators (type & material)		Not Available
	If leaf	No. of leaves	Not Applicable
Shackle (comp. or tens.)		Not Applicable	
Stabilizer	Type (link, linkless, frameless)	Not Available	
	Material & bar diameter	Not Available	
Track bar (type)		Tubular, with Rubber Bushings	

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (●) _____

METRIC (U.S. Customary)

Body Type And/Or
Engine Displacement

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedan 1TB68
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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	Outerworking 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 & width	F/R	-- / 200 (7.87)	
	Type and material	F/R	-- / 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		(F/R)	Self Adjusting/Self Adjusting	
Brake lining	Front wheel	Bonded or riveted (rivets/seg.)		Integrally Molded
		Rivet size		Not Applicable
		Manufacturer		Delco Moraine
		Lining code		1B-DM 121EE or DM 117FE
		Material		Semi - Metallic
		****	Primary or out-board	117 x 54.7 x 10.9 (4.6 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		Inland Div. GMC
		Lining code		Primary 224FF, Secondary 235FF
		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 width x thickness.

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
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METRIC (U.S. Customary)

Body Type And/Or
Engine Displacement

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedan 1TB68
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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)		
Spare tire and wheel <small>(if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)</small>		

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

Car Line CHEVETTE
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METRIC (U.S. Customary)

Body Type And/Or
Engine Displacement

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedans 1TB68
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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)	
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 1985 Issued 7-84 Revised (•) _____

Body Type And Or
Engine Displacement

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedan 1TB68
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Wheel Alignment

Wheel	Service	Parameter	Specification
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° +/- .4°
		Toe-in	+.06° +/- .04° (+1.5 +/- 1.00 mm)
	Periodic M.V. inspection	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 M.V. inspection	Camber	" "
		Toe-in	" "

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

Electrical - Instruments and Equipment

Speedometer	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	" " " "
Windshield 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)
Windshield washer	Type (standard)	Electric Push-Button, in end of turn signal lever.
	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.

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
Model Year 1985 Issued 7-84 Revised (●) _____

METRIC (U.S. Customary)

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
--	---

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
	Engagement type	Positive shift solenoid	
Motor drive	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	Number per cylinder	Delco Remy	
	Make	1103504	
	Model		

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.

* - 70-355 Std. (Auto. Trans.)
71-390 Opt.

+ - 90 min. Opt.

@ - 355 Std. (Auto. Trans.), 390 Opt.

MVMA Specifications Form Passenger Car

METRIC (U.S. Customary)

Car Line CHEVETTE
Model Year 1985 Issued 7-84 Revised (●) _____

Body Type

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedan 1TB68
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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	
Hatchback lid	Type (counterbalance, other)	Telescoping gas strut - left side	
	Internal release control (elec., mech., n.a.)	Not Available	
Bumper front	Bar material & mass, kg (weight, lbs.)	Steel 8.1 (17.9)	
	Reinforcement material & mass, kg (lbs.)	Steel 5.7 (12.6)	
Bumper rear	Bar material & mass, kg (weight, lbs.)	Steel 8.487 (18.7)	
	Reinforcement material & mass, kg. (lbs.)	5.0 (11.0)	
Vent window control (crank, friction, pivot, power)	Front	None	
	Rear	Friction Pivot	None
Seat cushion type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Bucket seat formed foam pad	
	Rear	Bench seat formed foam pad	
	3rd seat	None	
Seat back type (e.g., 60/40, bucket, bench, wire, foam etc.)	Front	Bucket seat, Formed foam pad	
	Rear	Bench seat, full folding formed foam pad	
	3rd seat	None	
Vehicle identification no. location		Top left side 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°	
Windshield glass exposed surface area [cm ² (in. ²)]	S1	6735 (1043.9)	
Side glass exposed surface area [cm ² (in. ²)] - total 2-sides	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 Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (e) _____

Body Type

2-Door Hatchback Coupes 1TB08	4-Door Hatchback Sedans 1TB68
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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 rear passengers.
	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
METRIC (U.S. Customary)**

Car Line CHEVETTE
Model Year 1985 Issued 7-84 Revised (e) _____

Body Type

2-Door Hatchback Coupe 1TB08	4-Door Hatchback Sedan 1TB68
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Convenience Equipment (standard, optional, n.a.)

Air conditioning (manual, auto. temp control)	Optional (manual control)	
Clock (digital, analog)	Not Available	
Compass / thermometer	"	
Console (floor, overhead)	@	
Defroster, elec. backlight	Optional	
Electronic	Diagnostic warning (integrated, individual)	Not Available
	Instrument cluster (list instruments)	"
	Keyless entry	"
	Tripminder (avg. spd., fuel)	"
	Voice alert (list items)	"
	Other	"
Fuel door lock (remote, key, electric)	Not Available	
Lamps	Auto head on / off delay, dimming	"
	Cornering	"
	Courtesy (map, reading)	"
	Door lock, ignition	"
	Engine compartment	"
	Fog	"
	Glove compartment	"
	Trunk	"
	Other	--
		--
Mirrors	Day/night (auto. man.)	Standard, manual
	L.H. (remote, power, heated)	Remote, optional
	R. H. (convex, remote, power, heated)	Convex manual, optional
	Visor vanity (RH / LH, illuminated)	Not Available
Parking brake-auto release (warning light)	Standard, in lower area of speedometer	
Power equipment	Door locks / deck lid - specify	Not Available
	Seat (2-4-6 way) heated (driver, pass, other) lumbar, hip, thigh support (power, manual) reclining (driver, pass) memory (1-2 preset, recline)	"
	Side windows	"
	Vent windows	"
	Rear window	"
		--
Radio systems	Antenna (location, whip, w/shield, power)	Whip, R.H. frt. fender
	AM, FM, stereo, tape, CB	AM/FM opt., AM standard
	Speaker (number, location) Premium sound	2 w/stereo radio, 1-frt, 2-rr quarter
Roof open air/fixd (flip-up, sliding, "T")	Not Available	
Speed control device	"	
Speed warning device (light, buzzer, etc.)	"	
Tachometer (rpm)	"	
Theft protection-type	Lock mounted on steering column; locks steering wheel and ignition.	

@ - Standard, floor.

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

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (•) 9-84

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 COUPE 1TB08	4-DOOR HATCHBACK SEDAN 1TB68
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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 (fr./rear)	PD1,2,3		**
Trunk cargo load			**
Vehicle height	H101	1342 (52.8)	1342 (52.8)
Cowl point to ground	H114	894 (35.2)	893 (35.1)
Deck point to ground	H138		
Rocker panel-front to ground	H112	205 (8.1)	205 (8.1)
Bottom of door closed-front to grd.	H133	270 (10.6)	269 (10.6)
Rocker panel-rear to ground	H111	203 (8.0)	204 (8.0)
Bottom of door closed-rear to grd.	H135	--	

Ground Clearance **

Front bumper to ground	H102	325 (12.8)	323 (12.7)
Rear bumper to ground	H104	331 (13.0)	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 (degrees)	H106	18.1°	18.0°
Angle of departure (degrees)	H107	21.4°	21.5°
Ramp breakover angle (degrees)	H147	18.0°	17.4°
Rear axle differential to ground	H153	156 (6.1)	
Min. running ground clearance	H156	142 (5.6)	141 (5.6)
Location of min. run. grd. clear.		K-Brace under front crossmember	

* All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.

** 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

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (e) 9-84

See Key Sheets for definitions

Body Type	SAE Ref. No.	2-DOOR HATCHBACK COUPE 1T808	4-DOOR HATCHBACK SEDAN 1T868

Front Compartment

Sg RP front, "X" coordinate	L31	1118 (44.0)	
Effective head room	H61	959 (37.8)	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)	1266 (49.8)
Hip room	W5	1268 (49.9)	1256 (49.4)
** Upper body opening to ground	H50	1240 (48.8)	
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)	937 (36.9)
Min. effective leg room	L51	777 (30.6)	864 (34.0)
Sg RP (second to heel)	H31	268 (10.6)	
Knee clearance	L48	-69 (-2.7)	1 (0.0)
Compartment room	L3	584 (23.0)	664 (26.1)
Shoulder room	W4	1254 (49.4)	1256 (49.4)
Hip room	W6	1045 (41.1)	1047 (41.2)
** Upper body opening to ground	H51	--	
Back angle	L41	25.0°	

Luggage Compartment

Usable luggage capacity [L (cu. ft.)]	V1	--	
** Litter height	H195	754 (29.7)	758 (29.9)

Interior Volumes (EPA Classification)

Vehicle class		Sub-compact	
Interior volume index (cu. ft.)		77.1	80.2
Trunk/cargo index (cu. ft.)		9.8	9.8

All linear dimensions are in millimeters (inches)

** EPA Loaded Vehicle Weight, Loading Conditions

All Interior Dimensions Are Measured With The Seating Reference Point (SgRP) Full Rear And _____mm Upward Of Rearmost Seat Position.

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (e) 9/84

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

Body Type	SAE Ref. No.	2-DOOR HATCHBACK COUPE 1TB08	4-DOOR HATCHBACK SEDAN 1TB68
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Station Wagon – Third Seat

Shoulder room	W85	NOT APPLICABLE
Hip room	W86	NOT APPLICABLE
Effective leg room	L86	
Effective head room	H86	
Effective T-point head room	H89	
Seat facing direction	SD1	
Back angle	L88	

Station Wagon – Cargo Space

Cargo length (open front)	L200	
Cargo length (open second)	L201	
Cargo length (closed front)	L202	
Cargo length (closed second)	L203	
Cargo length at belt (front)	L204	NOT APPLICABLE
Cargo length at belt (second)	L205	NOT 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	
Cargo volume, index-rear of 2-seat	V10	

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)	1099 (43.3)
Cargo length at floor (front)	L209	1471 (57.9)	1549 (61.0)
Cargo volume index [m ³ (ft. ³)]	V3	767 (27.1)	815 (28.8)
Hidden cargo volume [m ³ (ft. ³)]	V4	--	
Cargo volume index-rear of 2-seat	V11	275 (9.8)	276 (9.8)

Aerodynamics*

Wheel lip to ground, front	
Wheel lip to ground, rear	
Frontal area [m ² (ft. ²)]	
Drag coefficient (Cd)	

* Describe measurement method.

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

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (*) _____

Body Type	2-DOOR HATCHBACK COUPE 1TB08	4-DOOR HATCHBACK SEDAN 1TB68

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location											
Front	<p>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.</p> <p>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.</p> <p>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.</p>											
Rear	<p>X - Fiducial mark to vertical base grid line-rear measured horizontally from the base grid line to the rear fiducial mark located on rail (compartment pan - longitudinal).</p> <p>Y - Fiducial mark to centerline of car-rear, width measurement made from centerline of car to fiducial mark located on the rail (compartment pan - longitudinal).</p> <p>Z - Fiducial mark to horizontal base grid line-rear, measured vertically from base grid line to the rear fiducial mark located on the rail (compartment pan - longitudinal).</p>											
Fiducial Mark Number												
Front	<table border="1"> <tr> <td>W21</td> <td>504 (19.8)</td> </tr> <tr> <td>L54</td> <td>750 (29.5)*</td> </tr> <tr> <td>H81</td> <td>150 (5.9)#</td> </tr> <tr> <td>H161</td> <td>290 (11.4)</td> </tr> <tr> <td>** H163</td> <td>264 (10.4)</td> </tr> </table>	W21	504 (19.8)	L54	750 (29.5)*	H81	150 (5.9)#	H161	290 (11.4)	** H163	264 (10.4)	
W21	504 (19.8)											
L54	750 (29.5)*											
H81	150 (5.9)#											
H161	290 (11.4)											
** H163	264 (10.4)											
Rear	<table border="1"> <tr> <td>W22</td> <td>195 (7.7)</td> </tr> <tr> <td>L55</td> <td>2950 (116.1)*</td> <td>2026 (79.8)</td> </tr> <tr> <td>H82</td> <td>278 (10.9)#</td> </tr> <tr> <td>H162</td> <td>423 (16.7)</td> </tr> <tr> <td>** H164</td> <td>406 (16.0)</td> </tr> </table>	W22	195 (7.7)	L55	2950 (116.1)*	2026 (79.8)	H82	278 (10.9)#	H162	423 (16.7)	** H164	406 (16.0)
W22	195 (7.7)											
L55	2950 (116.1)*	2026 (79.8)										
H82	278 (10.9)#											
H162	423 (16.7)											
** H164	406 (16.0)											
	<p>* Vertical Base Grid 1100 mm Line. # Horizontal Base Grid 100 mm Line.</p>											

* 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 Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (*) _____

Body Type	SAE Ref. No.	2-DOOR HATCHBACK COUPE 1TB08	4-DOOR HATCHBACK SEDAN 1TB68

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

Passenger Car

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (•) _____

METRIC (U.S. Customary)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS, kg. (weight, lb.)			
	Front	Rear	Total	
Front & Rear Floor Mats (color-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)	Not Available with Z13
Body Side Moldings- RPO B84	.4 (0.9)	.6 (1.3)	1.0 (2.2)	
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	26.8 (59.1)	0 (0)	26.8 (59.1)	With L17
Dual Sport Rear View Mirrors. Remote LH, manual convex RH RPO D35	.8 (1.8)	.4 (0.9)	1.2 (2.7)	
Remote Sport Rear View Mirror LH - RPO D33	.4 (0.9)	0 (0)	.4 (0.9)	
Rear Spoiler 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)	Required option with diesel engine

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

**MVMA Specifications Form
Passenger Car**

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (e)

METRIC (U.S. Customary)

Optional Equipment Differential Mass (weight)*				
Equipment	MASS, kg. (weight, lb.)			Remarks
	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
	10.4 (22.9)	3.4 (7.5)	13.8 (30.4)	1TB68 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	17.2 (37.9)	5.8 (12.8)	23.0 (50.7)	1TB00 with L17 engine
Comfortilt Steering Wheel RPO N33	1.4 (3.1)	.4 (0.9)	1.8 (4.0)	
Power Steering RPO N41	9.8 (21.6)	-.8 (-1.8)	9.0 (19.8)	With gas engine RPO L17, Automatic Transmission must be ordered.
Wheel Trim Covers RPO PB2	.6 (1.3)	.6 (1.3)	1.2 (2.6)	
Wheel Trim Rings RPO P06	.2 (0.4)	.2 (0.4)	.4 (0.9)	Included with Z13, 857

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

MVMA Specifications Form Passenger Car

Car Line CHEVETTE
 Model Year 1985 Issued 7-84 Revised (●) _____

METRIC (U.S. Customary)

Optional Equipment Differential Mass (weight)*

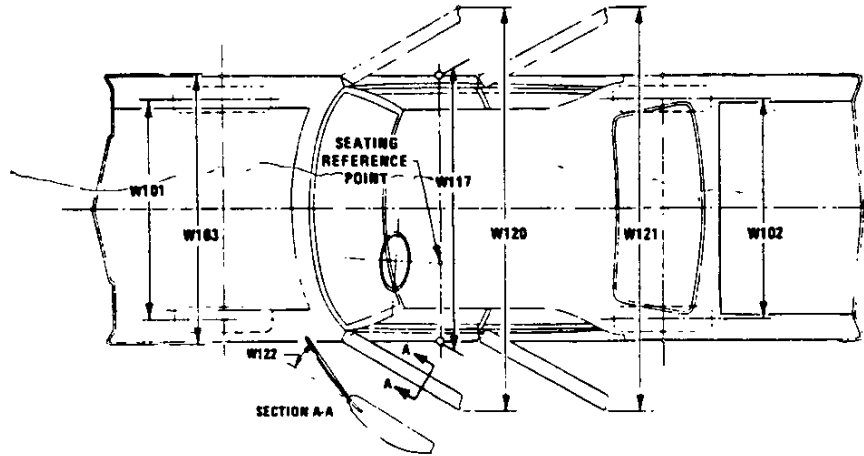
Equipment	MASS, kg. (weight, lb.)			Remarks
	Front	Rear	Total	
Heavy Duty Battery (Freedom II type) RPO UA1	2.6 (5.7)	-.2 (-0.4)	2.4 (5.3)	Not available with diesel engine
AM/FM Stereo Radio (Includes one 4x10 front speaker, two 4x6 rear speakers) RPO U58	1.6 (3.5)	.4 (0.9)	2.0 (4.4)	
AM Radio RPO U63	1.4 (3.1)	.4 (0.9)	1.8 (4.0)	
AM/FM Radio (Includes five pushbutton selec- tions, one AM, one FM three optional) RPO U69	1.6 (3.5)	.4 (0.9)	2.0 (4.4)	
Heavy Duty Cooling RPO V08	.8 (1.8)	0 (0)	.8 (1.8)	Not available with diesel engine
Sport Exterior RPO 713	.2 (0.4)	.2 (0.4)	.4 (0.9)	
Diesel Engine Equipment (Includes RPO-LJ5, M75, J50) RPO 290	74.8 (164.9)	3.4 (7.5)	78.2 (172.4)	Not available with RPO C60, MX1 or UA1

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

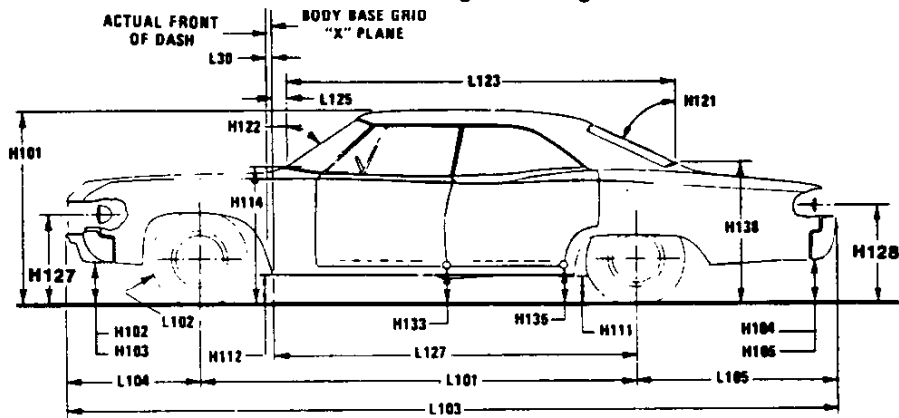
MVMA Specifications Form
Passenger Car
METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

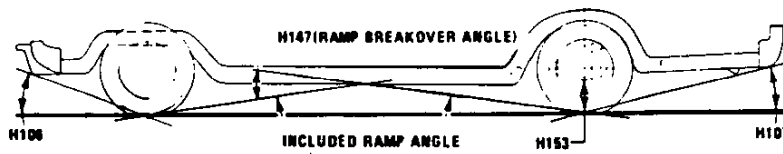
Exterior Width



Exterior Length & Height



Exterior Ground Clearance



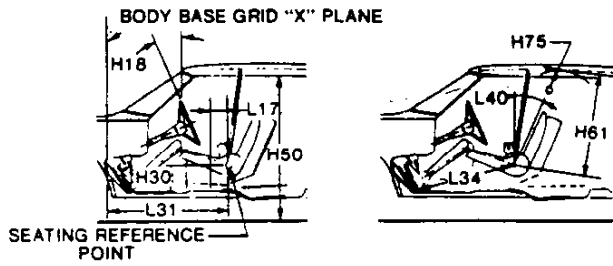
MVMA Specifications Form

Passenger Car

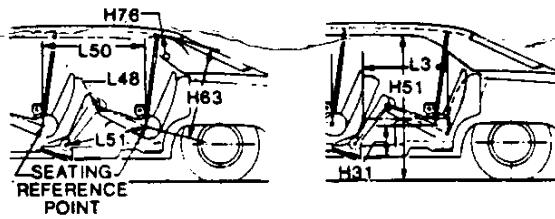
METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

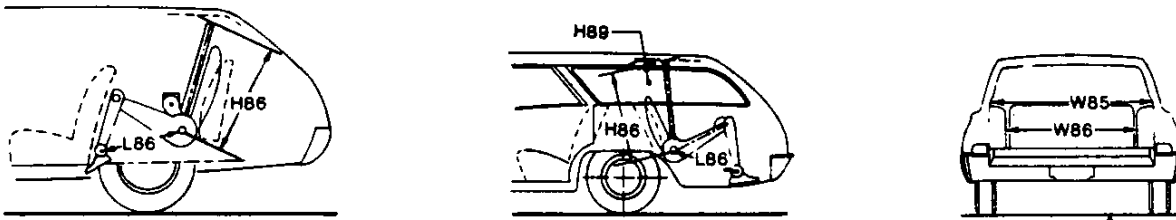
Front Compartment



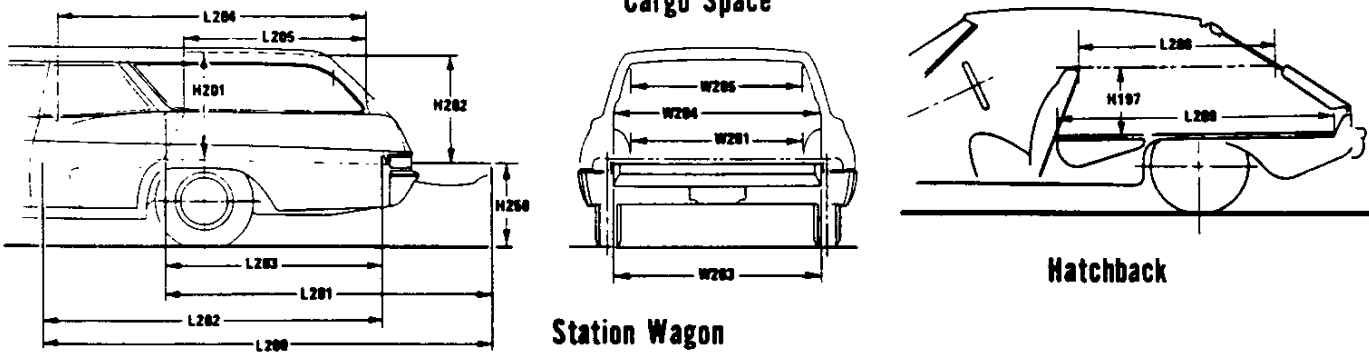
Rear Compartment



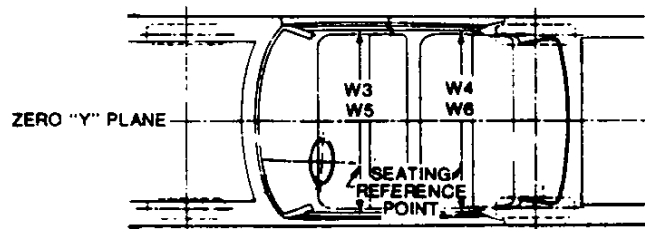
Third Seat



Cargo Space



Interior Width



MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Exterior Car And Body Dimensions – Key Sheet

Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which –

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

Width Dimensions

- W101 TREAD—FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD—REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SgRP—FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH—FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.
- W121 VEHICLE WIDTH—REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open positions. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.
- W122 TUMBLE HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

Length Dimensions

- L30 FRONT OF DASH "X" COORDINATE. A minus (-) dimension indicates actual front of dash in forward of the zero "X" plane.
- L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L102 TIRE SIZE. As specified by the manufacturer.
- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L104 OVERHANG—FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L105 OVERHANG—REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case

of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.
- L125 COWL POINT "X" COORDINATE.

Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H112 ROCKER PANEL—FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
- H132 BOTTOM OF DOOR OPEN—FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.
- H111 ROCKER PANEL—REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.
- H134 BOTTOM OF DOOR OPEN—REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum hold-open position, to ground.
- H135 BOTTOM OF DOOR CLOSED—REAR TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, in maximum closed position, to ground.
- H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.
- H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield are running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H127 HEADLAMP TO GROUND—CURB MASS (WT.). The dimension measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND—CURB MASS (WT.). The dimension measured vertically from the centerline of the upper bulb to ground.

Ground Clearance Dimensions

- H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.
- H103 FRONT BUMPER TO GROUND CURB MASS (WT.). Measured in the same manner as H104.
- H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.
- H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions – Key Sheet

Dimensions Definitions

- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius 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.
- H50 UPPER BODY OPENING TO GROUND—FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP—front "X" plane.
- H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.
- BACK ANGLE—FRONT. The angle measured between a vertical line through the SgRP—front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.
- L40 BACK ANGLE—FRONT. The angle measured between a vertical line through the SgRP—front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

Rear Compartment Dimensions

- PD2 PASSENGER DISTRIBUTION—SECOND.
- L50 SgRP COUBLE DISTANCE. The dimension measured horizontally from the driver SgRP—front to the SgRP—second.

- H63 EFFECTIVE HEAD ROOM—SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).
- H76 EFFECTIVE T-POINT HEAD ROOM—SECOND. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM—SECOND. The dimension measured along a line from the ankle pivot center to the SgRP—second plus 254 mm (10.0 in.).
- H31 SgRP—SECOND TO HEEL. The dimension measured vertically from the SgRP—second to the two dimensional device heel point on the depressed floor covering.
- L48 KNEE CLEARANCE—SECOND. The minimum dimension measured from the knee pivot to the back of front seatback minus 51 mm (2.0 in.).
- L3 COMPARTMENT ROOM—SECOND. The dimension measured horizontally from the back of front seat to the front of the second seatback at a height tangent to the top of the second seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the SgRP—second within 254-406 mm (10.0-16.0 in.) above the SgRP—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND—SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP—second.
- L-41 Same as L-40.

Luggage Compartment Dimensions

- V1 USABLE LUGGAGE CAPACITY—Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.
- H195 LIFTOVER HEIGHT. The dimension measured vertically from the luggage compartment lower opening at the zero "Y" plane to ground.

Interior Volumes (EPA Classification)

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

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

Station Wagon – Third Seat Dimensions

- PD3 PASSENGER DIRECTION—THIRD.
- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W5.
- W86 HIP ROOM—THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM—THIRD. The dimension measured along a line from the ankle pivot center to the SgRP—third plus 254 mm (10.0 in.).
- H86 EFFECTIVE HEAD ROOM—THIRD. The dimension, measured along a line 8 deg. from the SgRP—third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).
- H89 EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.
- L-88 Same as L-40.

Station Wagon – Cargo Space Dimensions

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

MVMA Specifications Form

Passenger Car

METRIC (U.S. Customary)

Interior Car And Body Dimensions - Key Sheet

Dimensions Definitions

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

- seatback at the height of the 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 wheelhouses at floor level. For any vehicle not trimmed, measure the sheet metal.
- W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear door opening at floor level.
- W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.
- W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.
- H201 CARGO HEIGHT. The dimension measured vertically from the top of the 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.

V10 STATION WAGON (REAR OF SECOND SEAT)

Measured in inches:

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

Measured in mm:

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

Hatchback - Cargo Space Dimensions

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

- H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.
- H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The vertical dimension from the horizontal tangent to top of seatback to undepressed floor covering at zero "Y" plane.
- L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.
- L209 CARGO LENGTH AT FLOOR-FRONT-HATCHBACK. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.
- L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT-HATCHBACK. The horizontal dimension from the "X" plane tangent to rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "Y" plane.
- L211 CARGO LENGTH AT FLOOR-HATCHBACK-SECOND. The horizontal dimension at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.
- V3 HATCHBACK.
Measured in inches:

$$\frac{L208 + L209}{2} \times W4 \times H197$$

$$\frac{\quad}{1728} = \text{ft.}^3$$
 Measured in mm:

$$\frac{L208 + L209}{2} \times W4 \times H197$$

$$\frac{\quad}{10^9} = \text{m}^3 \text{ (cubic meter)}$$
- V11 HATCHBACK (REAR OF SECOND SEAT)
Measured in inches:

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

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

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