



Specifications Form Passenger Car

1980

METRIC (U.S. Customary)

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line CHEVROLET	
Mailing Address CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MICHIGAN 48090	Model Year 1980	Issued: Oct. 1979
		Revised (*) Feb. 1980

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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.

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

Car Line: Chevrolet
 Model Year: 1980
 Height: 10' 7 1/2"
 Revised: (*)

Car Models

Model Description (Include Line Drawings of Vehicles if Desired)
 Make, Car Line, Series, Body Type (Mfg.'s Model Code)
 No. of Designated Seating Positions (Front, Rear)
 Max. Trunk/Cargo Load (Pounds)

	Model Number	Front	Rear
<u>Impala</u>			
4-Door Sedan	1BL69	3	3
2-Door Coupe	1BL47	3	3
4-Door Station Wagon, 2-Seat	1BL35	3	3
<u>Caprice Classic</u>			
4-Door Sedan	1BN69	3	3
2-Door Coupe	1BN47	3	3
4-Door Station Wagon, 2-Seat	1BN35	3	3

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

MOBILES **CHEVROLET, 1980**

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

Car Line CHEVROLET
 Model Year 1980 Issued 10/79 Revised (*)

Engine Description / Carb.

3.8L V-6/ 2-Bb1 (229 CID) RPO LC3	3.8L V-6/ 2-Bb1 (231 CID) RPO LD5	4.4L V-8/ 2-Bb1 (267 CID) RPO L39	5.0L V-8/ 4-Bb1 (305 CID) RPO LG4	5.7L V-8/ Diesel (350 CID) RPO LF9
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Drive Units — Clutch (Manual Transmission)

Make & type		
Type pressure plate springs		
Total spring load — N (lb.)		
No. of clutch driven discs		
Clutch facing	Material	
	Manufacturer	
	Part Number	
	Rivets/Plate	
	Rivet size	
	Outside & inside dia.	
	Total eff. area - cm ² (in. ²)	
	Thickness	
	Engagement custom-method	
Release bearing	Type & method of lubrication	
Torsional damping	Methods: springs, friction material	

NOT
AVAILABLE

Drive Units — Transmissions

Manual 3-speed (std., opt., N.A.)	NA
Manual 4-speed (std., opt., N.A.)	NA
Manual 5-speed (std., opt., N.A.)	NA
Manual overdrive (std., opt., N.A.)	NA
Automatic (std., opt., N.A.)	Available

Drive Units — Manual Transmission

Number of forward speeds			
Transmission ratios	In first		
	In second		
	In third		
	In fourth		
	In fifth		
	In reverse		
Synchronous meshing, specify gears			
Shift lever location			
Lubricant	Capacity — L (pt.)		
	Type recommended		
	SAE viscosity number	Summer	
		Winter	
	Extreme cold		

NOT
AVAILABLE

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 Car Line CHEVROLET
 Model Year 1980

Engine Description / Curb

Coupe & Sedan

Station Wagon

Drive Units — Tires And Wheels (Standard)

TIRES	Size, load range, ply	P205/75R15-B/W, W/S	
	Type (bias, radial, etc.)	Steel belted radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front kPa (psi)	241 (35)
		Rear kPa (psi)	241 (35)
WHEELS	Rev./mile—at 70 km/h (45 mph)	478 (769)	
	Type & material	Short spoke disc, steel	
	Rim (size & flange type)	15 x 6	
	Wheel offset	12.7 (.50)	
	Attachment	Type (bolt or stud)	Stud
		Circle diameter	120.6 (4.75)
		Number & size	5-7/16-20 UNF-2B hexnuts
	Spare wheel (same or other)	16 x 4 - compact spare	

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	P225/70R15 (W/S) (b)	P225/70R15 (a) (W/S)
Type (bias, radial, etc.)	Steel belted radial	Steel belted radial
Wheel type & material	Short spoke disc, steel	
Rim (size, flange type, and offset)	15 x 7; 7.5 (.30)	
Size, load range, ply	P215/75R15 (W/W) (c)	
Type (bias, radial, etc.)	Steel belted radial	
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply	P205/75R15 (a) (W/S)	
Type (bias, radial, etc.)	Steel belted radial	
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply	Spare Tire	
Type (bias, radial, etc.)	Base	T125/80D16 Compact
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)		

Brakes — Parking

Type of control	Foot pedal apply, "P" handle release	
Location of control	Under instrument panel, left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

- (a) Self sealing.
 (b) Required with RPO F41 Sport Suspension
 (c) Base tire for model 1BL47 with RPO 2SA Special Economy Package, optional on remainder of models.

MVMA Specifications Form
Passenger Car
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Chevrolet
 Car Line _____
 Model Year 1980 Issued 10/79 Revised (x) _____

Body Type And/Or Engine Displacement

Sedan & Coupe	Station Wagon
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Brakes — Service

Brake Type (std., Opt. N.A.)	Drum	Front	Standard	
		Rear	Standard	
	Disc	Front	Standard	
		Rear	Standard	
Self-adjusting (std., opt., N.A.)			Standard	
Special Valving	Type (proportion, delay, metering, other)		Metering & Proportioning	
Power Brake (std., opt., N.A.)			Standard	
Booster Type (remote, integral, vac., hyd., etc.)			Integral (a)	
Anti-skid device type (std., opt., N.A.)			N.A.	
Effective area — cm ² (in. ²)*			648 (100.5)	717 (111.2)
Gross lining area — cm ² (in. ²)**			717 (111.1)	792 (122.8)
Swept area — cm ² (in. ² ***			2127 (329.8)	2420 (375.1)
Rotor	Outer working diameter	F	279.4 (11.0)	301.2 (11.86)
		R	---	
	Thickness	F	26.2 (1.03)	
		R	---	
	Material & type (vented/solid)	F	Cast iron, vented	
		R	---	
Drum	Diameter (nominal)	F	---	
		R	241.3 (9.50)	279.4 (11.0)
Type and material			Cast iron, finned	
Wheel cylinder bore	Front		74.7 (2.94)	
	Rear		22.22 (.875)	23.81 (.9375)
Master Cylinder	Bore		28.6 (1.13)	
	Stroke		39.6 (1.56)	
Pedal arc ratio			3.5:1	
Line pressure at 445 N (100 lb.) pedal load—MPa (psi)				
Lining Clearance Per Shoe	Front		Self adjusting	
	Rear		Self adjusting	
Brake Lining	Front Wheel	Bonded or riveted, rivets/seg.	Riveted; 8	
		Rivet size	Front-5.33x9.12(.210x.359) Rear-3.6 x6.35 (.143x.250)	
		Manufacturer	Delco Moraine	
		Lining Code	GM110FF	GM111FF
		Material	Molded asbestos	
		Size	137x48.8x11.8 (5.40x1.92x.465)	
	Rear Wheel	Shoe thickness (no lining)	Inboard-15.75(.620); Outboard-14.0 (.550)	
		Bonded or riveted, rivets/seg.	Riveted; 10-primary, 12-secondary	
		Manufacturer	Inlite	
		Lining Code	Primary-GM224FF; Secondary-GM235FF	
		Material	Molded asbestos	
		Size	192.5x50.8x4.98(7.58x2.0x.196) 225x50.8x5.6(8.86x2.0x.22)	
Shoe thickness (no lining)			Pri-7.64(.301); Sec-9.4(.370)	Pri-8.3(.33); Sec-9.3(.37)

*Excludes rivet holes, grooves, chamfers, etc.

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***Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.) (Disc brake Square of Outer Working Dia. minus Square of Inner Working Dia. multiplied by $\pi/2$ for each brake.)

****Size for drum brakes includes length x width x thickness.

(a) Hyd. booster on Station Wagon with RPO LF9 diesel engine.