Buick 1979

Automobiles

BUICK, 1979

METRIC (U.S. Customary)

1979 MVMA Specifications Form Passenger Car

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Manufacturer	Car Line	
Buick Motor Division General Motors Corporation	Century Special, Century Custom, Regal	
Mailing Address	**Model Year**	**Issued**
902 E. Hamilton Avenue Flint, Michigan 48550	1979	9-29-78 Revised (*)

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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

Car Line Century, Century Custom, Regal
Model Year 1979 Issued 9-29-78 Revised (•)

Body Type And/Or Engine Displacement

Coupes & Sedans	Wagons

Brakes—Service

Brake Type (Std., Opt., N.A.)	Drum	Front			NA
		Rear			STD
	Disc	Front			STD
		Rear			NA
Self-adjusting (std., opt., N.A.)					STD
Special Valving	Type (proportion, delay, metering, other)				Metering and porportioning
Power Brake (std., opt., N.A.)					OPT
Booster Type (remote, integral, vac., hyd., etc.)					Vacuum
Anti-skid device type (std., opt., N.A.)					NA
Effective area — cm² (in²)*					624.21 (96.75)
Gross lining area — cm² (in²)**					671.16 (104.02)
Swept area — cm² (in²)***					2017.41 (312.68)
Rotor	Outer working diameter		F		266.7 (10.5)
			R		---
	Thickness		F		25.4 (1.0)
			R		---
	Material & type (vented/solid)		F		Cast iron vented
			R		---
Drum	Diameter (nominal)				---
					240 (9.45)
	Type and material				Finned (Cast iron) Finned (Aluminum)
Wheel cyl. inder bore	Front				61.8 (2.43)
	Rear				19 (.75)
Master Cylinder	Bore				(MAN) 22.2 (.87) (PWR) 24 (.94)
	Stroke				34.47 (1.36) 33.3 (1.31)
Pedal arc ratio					168:1 (6.6:1) 85.4:1 (3.4:1)
Line pressure at 445 N (100 lb.) pedal load — MPa (psi)					5.723 (834) 9.653 (1400)
Lining Clearance Per Shoe	Front				None
	Rear				.76 (.03)
Brake lining	Front Wheel	Bonded or riveted, rivets/seg.			Riveted
		Rivet size			FRT: 5.33x9.63 (.20 x .38) RR: 3.63x6.35 (.14 x .25)
		Manufacturer			FRT DELCO REAR DYNAMIC
		Lining Code			(MAN) Hybrid (PWR) Semi-metallic
		Material			125 x 46 x 7.84 (4.92 x 1.81 x .308)
		Size **** Prim. or out board			125 x 46 x 8.67 (4.92 x 1.81 x .341)
		Size Second or in-board			
		Shoe thickness (no lining)			
	Rear Wheel	Bonded or riveted, rivets/seg.			
		Manufacturer			
		Lining Code			
		Material			Organic
		Size **** Prim. or out board			190.75 x 50.8 x 4.83 (7.50 x 2.0 x .19
		Size Second or in-board			251.71 x 50.8 x 6.87 (9.90 x 2.0 x .27
		Shoe thickness (no lining)			pri: 6.99 (.275) sec: 7.75 (.305)

*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 π/2 for each brake.)
****Size for drum brakes includes length x width x thickness.

Regal

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Engine Description/Carb.	3.2L (196.2)	3.8L (231-2)

Drive Units — Clutch (Manual Transmission)

Make & type		Chevrolet Single Plate	
Type pressure plate springs		Bent Belleville	Flate Belleville
Total spring load—N (lb.)		9520	
No. of clutch driven discs		One	
Clutch facing	Material	Woven Asbestos	
	Manufacturer	Borg & Beck	
	Part Number	471576	
	Rivets/Plate	40	
	Rivet size		
	Outside & inside dia.	263-165 (10.34-6.50)	
	Total eff. area - cm^2 ($in.^2$)	328 (11.5)	
	Thickness	.305 (.120)	
	Engagement cushion-method	Wavespring	
Release bearing	Type & method of lubrication	Ball (Prepacked)	
Torsional damping	Methods: springs, friction material	Coil spring, steel friction	

Drive Units — Transmissions

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

Drive Units — Manual Transmissions

Number of forward speeds			Three	Four
Transmission ratios	In first		3.50	
	In second		1.81	2.48
	In third		1.00	1.66
	In fourth		NA	1.00
	In fifth		NA	NA
In reverse			3.62	3.50
Synchronous meshing, specify gears			All Forward	
Shift lever location			Floor	
Lubricant	Capacity—L (pt.)		1.48	
	Type recommended		Multi-purpose	
	SAE viscosity number	Summer	80-90	
		Winter	80	
		Extreme cold	80	