MVMA SPECIFICATIONS

METRIC (U.S. Customary)
CHEVROLET, 1979 (CAMARO)

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1979 mvma Specifications Form Passenger Car

Manufacturer	Car Line	
Chevrolet Motor Division General Motors Corporation	Camaro	
Mailing Address	**Model Year**	**Issued:**
Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090	1979	September, 1978 **Revised (•)** February, 1979

Pages revised: 3, 8, 15, 24, 29

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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.

Specifications Form
nger Car

Car Line Camaro
Model Year 1979 Issued 9/78 Revised (*)

U.S. Customary Unit only

Car Models

Model Description (Include Line Drawings of Vehicles, If Desired)	Make, Car Line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)	Max. Trunk/Cargo Load — Kilograms (Pounds)
	Model Number	Front	Rear
Standard 2-Door Sport Coupe	1F[illegible]87	2	2
Berlinetta 2-Door Sport Coupe	1FS87	2	2

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

V-8/4-Bbl LM1

Revised

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Car Line Camaro
Model Year 1979 Issued 9/78 Revised (•) 2/79

U.S. Customary unit only

Engine Description/Carb.	4.1L L-6/1-Bbl RPO L22	5.0L V-8/2-Bbl RPO LG3	5.7L V-8/4-Bbl Carb. RPO LM1	RPO LM1/Z28

Drive Units — Clutch (Manual Transmission)

Make & type		Chevrolet, single dry disc, centrifugal		
Type pressure plate springs		Diaphragm, bent, finger design		
Total spring load—N (lb.)		2100-2300		2450-2750
No. of clutch driven discs		One		
Clutch facing	Material	Woven type asbestos		
	Manufacturer	Chevrolet		
	Part Number	471544	458629	14007366
	Rivets/Plate	40		
	Rivet size	.184x.208		
	Outside & inside dia.	10.34 x6.50		11.0 x 6.50
	Total eff. area - cm² (in.²)	101.58		123.70
	Thickness	.135		.140
	Engagement cushion-method	Flat spring steel between facings		
Release bearing	Type & method of lubrication	Single row ball, packed and sealed		
Torsional damping	Methods: springs, friction material	Coil Springs		

Drive Units — Transmissions

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

Drive Units — Manual Transmissions

Number of forward speeds		3	4	
Transmission ratios	In first	3.50	2.85	2.64
	In second	1.89	2.02	1.75
	In third	1.00	1.35	1.34
	In fourth	--	1.00	1.00
	In fifth	--	--	--
In reverse		3.62	2.85	2.55
Synchronous meshing, specify gears		All forward gears		
Shift lever location		Floor mounted		Floor mounted Inland shifter
Lubricant	Capacity—L (pt.)	3.0	3.4	
	Type recommended	GL-5 Gear lubricant		
	SAE viscosity number — Summer	80W or 80W-90		
	SAE viscosity number — Winter	80W or 80W-90		
	SAE viscosity number — Extreme cold	80W or 80W-90		

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1979 Issued 9/78 Revised

U.S. Customary Unit only

Engine Description/Carb.	Model 1FQ87	Model 1FS87	Model 1FS87 ppo Z28

Drive Units—Tires And Wheels (Standard)

TIRES	Size, load range, ply		FR78-14(B/W-std; W/S & W/L Opt)(c)		P225/70R-15 (W/L)
	Type (bias, radial, etc.)		Steel belted radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front—kPa (psi)	32		35
		Rear—kPa (psi)	32		35
	Rev./mile—at 70 km/h (45 mph)		797		760
WHEELS	Type & material		Short spoke disc, steel		Short spoke disc. steel
	Rim (size & flange type)		14x6	14x7 Rally	15x7 Rally (body color)
	Wheel offset		0.50	0.34	0.30
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	4.75		
		Number & size	5-Hex nuts 7/16-20 UNEF-2B		
	Spare wheel (same or other)(a)		Same except 14x5 used with E78-14 stowaway and 14x6 used with F78-14 stowaway spare tire		

Drive Units—Tires And Wheels (Optional)

Size, load range, ply	E78-14(b)		
Type (bias, radial, etc.)	Bias belted		
Wheel type & material	Rally steel		Aluminum ; styled
Rim (size, flange type, and offset)	14x6		15x7
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	Rally;steel		
Rim (size, flange type, and offset)	14x7		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	Styled urethane steel		
Rim (size, flange type, and offset)	14x7		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	Styled; aluminum		
Rim (size, flange type, and offset)	14x7		
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; 'T' handle release
Location of control		Left of steering column under instrument panel
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

(a) Stowaway spare tire base with RPO Z28, optional with 1FQ87 and 1FS87.
(b) Blackwall-standard; white stripe - optional.
(c) White stripe tire standard on 1FS87 model.

Revised (•)

MA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1979 Issued 9/78 Revised (•)

Body Type And/Or Engine Displacement

2-Door Sport Coupe

Brakes—Service

Brake Type (std., Opt., N.A.)	Drum	Front		---
		Rear		Standard
	Disc	Front		Standard
		Rear		---
Self-adjusting (std., opt., N.A.)				Standard
Special Valving	Type (proportion, delay, metering, other)			Metering & proportioning
Power Brake (std., opt., N.A.)				Standard-V8 engines; Optional - L6 engines
Booster Type (remote, integral, vac., hyd., etc.)				Integral
Anti-skid device type (std., opt., N.A.)				N.A.
Effective area—cm² (in.²)*				100.5
Gross lining area—cm² (in.²)**				115.6
Swept area—cm² (in.²)***				326.4
Rotor	Outer working diameter		F	11.0
			R	--
	Thickness		F	1.03
			R	--
	Material & type (vented/solid)		F	Cast iron, vented
			R	--
Drum	Diameter (nominal)		F	--
			R	9.5
	Type and material			Composite, finned, cast iron steel web
Wheel cylinder bore	Front			2.9375
	Rear			0.9375
Master Cylinder	Bore			Manual - 1.0; Power - 1.125
	Stroke			Manual - 1.25; Power - 1.41
Pedal arc ratio				Manual - 6.22:1; Power 3.58:1
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 - .210x.379; Rear - .143x.250
		Manufacturer		Delco Moraine
		Lining Code		Inboard - GM110FF; Outboard - GM115FE
		Material		Molded asbestos
		Size **** Prim. or out-board		5.40x1.92 x .465
		Size Second or in-board		5.40x1.92 x .465
		Shoe thickness (no lining)		.540
	Rear Wheel	Bonded or riveted, rivets/seg.		Riveted; 10 primary, 12-secondary
		Manufacturer		Inlite
		Lining Code		Primary - GM224FF; Secondary - GM236FF
		Material		Molded asbestos
		Size **** Prim. or out-board		7.30x2.0x.23
		Size Second or in-board		9.46x2.0 .23
		Shoe thickness (no lining)		Primary - .275; Secondary - .305

*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 π/2 for each brake.)

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